



MARINE PRODUCTS COLLECTION 2020





Testing our products to the highest standards every day.

At Attwood, we make quality our highest priority. We work hard to ensure accurate, consistent, and repeatable data that ensures our products meet industry standards set by the USCG, ABYC, and CE. Our state-of-the-art test lab allows us to re-create the outdoors in a lab-controlled environment. This commitment to quality testing ensures that our products consistently outperform and outlast the competition. Not just in the test lab, but under real-water conditions.

We have proven ourselves as marine industry leaders in product testing and development. Our highly trained lab technicians are passionate about creating quality products. They maintain strict calibration requirements and follow proven test procedures. In addition to maintaining continuous test protocol during the life of our products, we also perform testing for our customers and vendors. With our extensive testing capabilities, you can count on Attwood products being put to the test!

| TESTING CAPABILITIES | | |
|--|---|--|
| Dimensional | Material | Mechanical |
| Laser Scanner CMM Optical Comparator | Xenon Weathering UVB Exposure Salt Fog Gardner Impact Chemical Exposure Color Matching Tensile/Compression strength Hardness Adhesion | Product Durability Ingress Protection Fluid Flow Fluid Pressure drop Pressure testing (leak, life, strength) Environmental (cycle, shock, soak) Water Intrusion Dust ingress Mechanical Shock Vibration (Random, Sine) Product Dynamic Impact Performance Fatigue Light Intensity/Chromaticity/Cut-off angles (COLREG) Illumination Battery Life |

TABLE OF CONTENTS

WATER SYSTEMS & VENTILATION..... 3

Pumps & Accessories, Thru-Hulls, Drain Plugs, Fittings, Blowers, and Vents



LIGHTING 29

LED & Incandescent Navigation Lighting, Pole Lights, Bases, and Replacement Parts



FUEL 67

EPA Certified & International Portable and Integrated Components



MARINE ACCESSORIES..... 99

Anchoring, Ropes, Fishing, Battery Boxes, Electrical, Paddle Sports, and Trailering



HARDWARE 169

Cleats, Lift Rings, Bow Eyes, Hawse Pipes, Ski Pylons, Bimini Top Hardware, Hatches, Gas Springs, Snap Hooks, and Fastener Kits



SEATING SYSTEMS..... 199

Upholstered Seating & Seating Components, Swivl-Eze™ Seat Pedestals, and Accessories



MOTOR COVERS 231



INDEX 233

Alphabetical and Part Number



LET OUR CATALOG GUIDE YOU...

This catalog will help you select from Attwood's current line of marine products. It is divided into seven sections, as listed in the Table of Contents. Product pages contain the part number and a photograph of each product, along with a complete description and installation guidelines, dimensions, and specifications if applicable.

The products are presented in charts that provide quick comparisons between similar products. Where applicable, dimensional drawings are also included.

Use the catalog as follows:

Product Name _____

Product Description _____
Installation Guidelines _____

Proposition 65 Warning _____

Product Details _____

Part Number _____

Prop 65 warning required (asterix)

Packaging Type Guide

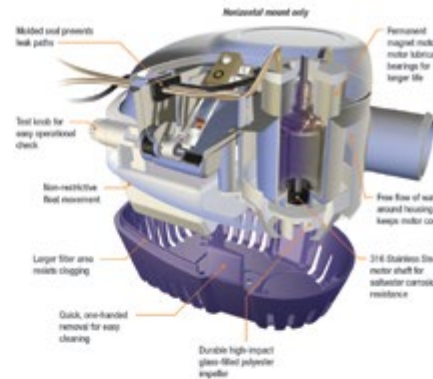
- 7 = Clamshell
- 6 = Blister
- 5 = Poly or Vinyl Bag
- 4 = Individual Carton
- 3/L3 = Skin Pack/Heavy Card
- 2 = Hang Tag
- 1 = Individual UPC label
- PD/ D = PDQ Display

Page note(s) _____

SAHARA AUTOMATIC BILGE PUMPS

An automatic-switch bilge pump is a requirement for any vessels 20' and over with sleeping accommodations, but is a great convenience for any size boat. The Sahara has everything contained in one compact yet durable package – pump, wire seals, strainer, and **mercury-free** switch – and installs quickly and easily in tight spaces. Pumps include 20' lengths of 16-gauge caulked and tinned copper wire.

WARNING Cancer and Reproductive Harm
— www.P65Warnings.ca.gov (see page 26)



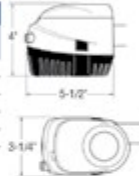
Specifications (Motor Running)

| Model No. | Rated Voltage | Design Voltage | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | Max Head | Amp Draw | GPH Output @ Nominal Voltage 12.0 VDC | | | Fuse Size | Hose Size |
|-----------|---------------|----------------|----------|--------------------------------------|---------|---------|----------|----------|---------------------------------------|---------|---------|-----------|-------------------|
| | | | | 0 ft. | 3.3 ft. | 6.7 ft. | | | 0 ft. | 3.3 ft. | 6.7 ft. | | |
| S500 | 12 | 13.6 | 1.5 | 500 | 350 | 200 | 9 ft. | 1.2 | 450 | 300 | 190 | 8 ft. | 3-amp 3/4" I.D. |
| S750 | 12 | 13.6 | 2.8 | 750 | 625 | 450 | 16 ft. | 2.5 | 660 | 480 | 345 | 12 ft. | 5-amp 3/4" I.D. |
| S750 | 24 | 27.2 | 1.5 | 750 | 625 | 450 | 16 ft. | 1.2 | 660 | 480 | 345 | 12 ft. | 2-amp 3/4" I.D. |
| S1100 | 12 | 13.6 | 4 | 1100 | 973 | 750 | 11 ft. | 3.4 | 1070 | 820 | 615 | 9 ft. | 6-amp 1-1/8" I.D. |
| S1100 | 24 | 27.2 | 1.9 | 1100 | 973 | 750 | 11 ft. | 1.4 | 1070 | 820 | 615 | 9 ft. | 3-amp 1-1/8" I.D. |

S500 Pump

S500 has plenty of pumping power for most jobs. 500 GPH † at open flow, 350 GPH † at 3.3' head. Draws only 1.5-amps at open flow!

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prog 65 | Aftermarket Packaging | Prog 65 |
|------------------------------------|---------------|-----------|-----------------|----------------|---------|-----------------------|---------|
| S500 | 12-volt | 3/4" I.D. | 20' wire | 4505-1 | * | 4505-7 | * |
| S500 with Stainless Steel Strainer | 12-volt | 3/4" I.D. | 20' wire | 4505S1 | * | --- | --- |
| Stainless Steel Strainer | --- | --- | --- | 4236 | --- | --- | --- |



S750 Pump

S750 is sized for larger recreational boats. Our most powerful 3/4"-outlet automatic pump. 750 GPH † at open flow, 625 GPH † at 3.3' head, 3/4" hose outlet.

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prog 65 | Aftermarket Packaging | Prog 65 |
|------------------------------------|---------------|-----------|-----------------|----------------|---------|-----------------------|---------|
| S750 | 12-volt | 3/4" I.D. | 20' wire | 4507-1 | * | 4507-7 | * |
| S750 with Stainless Steel strainer | 12-volt | 3/4" I.D. | 20' wire | 4507S1 | * | --- | --- |
| S750 | 24-volt | 3/4" I.D. | 20' wire | 4508-1 | * | --- | --- |
| Stainless Steel Strainer | --- | --- | --- | 4236 | --- | --- | --- |



S1100 Pump

S1100 is our most powerful and efficient automatic pump. High capacity for larger boats and yachts. 1100 GPH † at open flow, 973 GPH † at 3.3' head, 1-1/8" hose outlet.

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prog 65 | Aftermarket Packaging | Prog 65 |
|-------------------------------------|---------------|-------------|-----------------|----------------|---------|-----------------------|---------|
| S1100 | 12-volt | 1-1/8" I.D. | 20' wire | 4511-1 | * | 4511-7 | * |
| S1100 with Stainless Steel strainer | 12-volt | 1-1/8" I.D. | 20' wire | 4511S1 | * | --- | --- |
| S1100 | 24-volt | 1-1/8" I.D. | 20' wire | 4512-1 | * | --- | --- |
| Stainless Steel Strainer | --- | --- | --- | 4236 | --- | --- | --- |



† Listed GPH is measured at design voltage of 13.6 VDC.





| | |
|---|-------|
| CATEGORY OVERVIEW | 4 |
| BILGE PUMPS | 5-7 |
| AERATOR PUMPS | 8-9 |
| BILGE & FLOAT SWITCHES | 10 |
| SHOWER & WASHDOWN SYSTEMS | 11-12 |
| BATTERY & HAND OPERATED PUMPS | 13 |
| PUMP KITS & ACCESSORIES | 14-15 |
| PLUMBING SYSTEM FITTINGS | 16 |
| STAINLESS STEEL THRU-HULLS & SCUPPER VALVES FITTINGS | 17-19 |
| STAINLESS STEEL CAPPED COMPOSITE THRU-HULLS | 20 |
| PLASTIC THRU-HULLS & SCUPPER VALVE FITTINGS | 21-22 |
| DRAINS, DRAIN PLUGS & TUBES | 23-24 |
| IN-LINE BLOWERS | 25 |
| VENTS & COLLECTOR BOXES | 26-28 |



COMPLETE SELECTION

A complete selection of pumps and blowers are available for fishing boats, runabouts, cruisers, yachts, and commercial boats. Attwood pumps and blowers are tested and approved as standard equipment by leading boat manufacturers.

Bilge and Aerator Pumps

The Heavy-Duty 1700 and 2000 bilge pumps have established Attwood into the commercial market with value-loaded industrial-duty features and performance.

The Tsunami series of cartridge style bilge and aerator pumps are engineered for higher performance in the most service friendly design imaginable. Their cartridge style allows quick and easy replacement without the need to remove hoses or mounting bases.

Automatic Bilge Pumps

All boats over 20' long with sleeping accommodations (excluding fold-out cockpit seats) should use automatic bilge pump systems. Non-automatic pumps drawing 12-amps or less can easily convert to automatic operation with an Attwood Automatic Float Switch (part number 4201 or 4202).

Our Sahara Series automatic pumps are available in 500, 750 and 1100 gph capacity models.

Bilge pumps are designed to exhaust standing water only. They are not intended to prevent accumulation of on-board water due to rough weather, hull damage, and/or other unsafe navigational conditions. Note: Bilge and aerator pumps must be lower than the source of water for priming.

Turbo In-Line Blowers

Attwood offers ventilation equipment and accessories featuring the revolutionary, patented Turbo In-Line Blowers for 3" - and 4" -diameter systems. Turbo blowers are the most dependable, efficient, and powerful in-line blowers on the market, designed using aerospace technology. The Turbo line also features the industry's first water-resistant blower models, with durability proven in rigorous moisture tests and years of success in the field. Attwood offers Turbo water-resistant blowers with an unprecedented three-year limited warranty, and a one-year limited warranty for standard models.

Certification, Standards, and Listings - Pumps

All Attwood pumps meet or exceed the following U.S. and international certificates and standards:

- ABYC H-22
- ISO 8846, 8849 Marine
- U.S. Coast Guard Rule, Title 33CFR sections 183.410 and 33CFR 183.425
- NMMA "As Approved Listing"
- CE
- All pumps are marine ignition protected

Certifications, Standards and Listings - Blowers

Attwood in-line blowers meet or exceed the following U.S. and international certificates and standards:

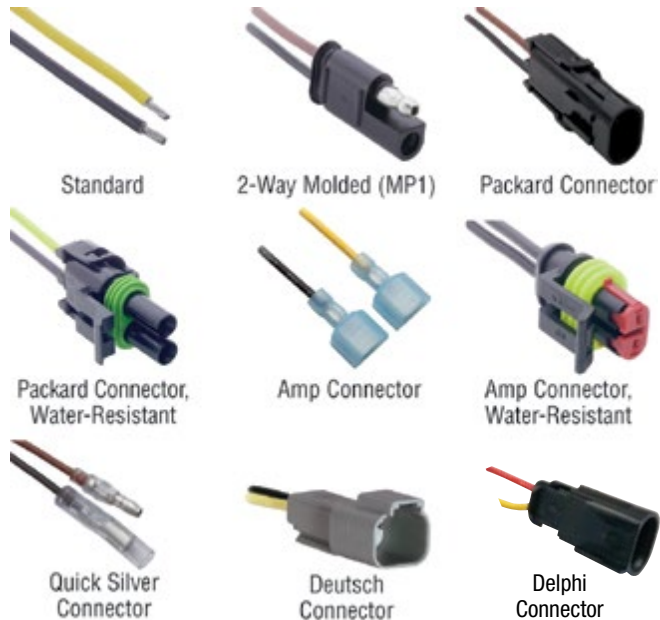
- ABYC-H2; ISO 9097
- U.S. Coast Guard Rules, Title 33 CFR sections 183.410, and 183.610 (b)
- Tested to ANSI/AMCA (210-85) and ANSI/ASHRAE (51-1985) standards
- NMMA "As Approved Listing"
- CE

Choice of Electrical Connectors

Attwood pumps feature several wire attachment styles to adapt to your boat's wiring harness. Standard wire on all pumps are tinned and caulked 16-gauge for butt connection. All pumps ignition protected.

Special connectors are available on special order by contacting your Attwood representative. Minimum order quantity is 250:

- Packard Connector
- Packard Connector, Water-Resistant
- Amp Connector
- Amp Connector, Water-Resistant
- Deutsch Connector
- Quick Silver Connector
- Delphi Connector

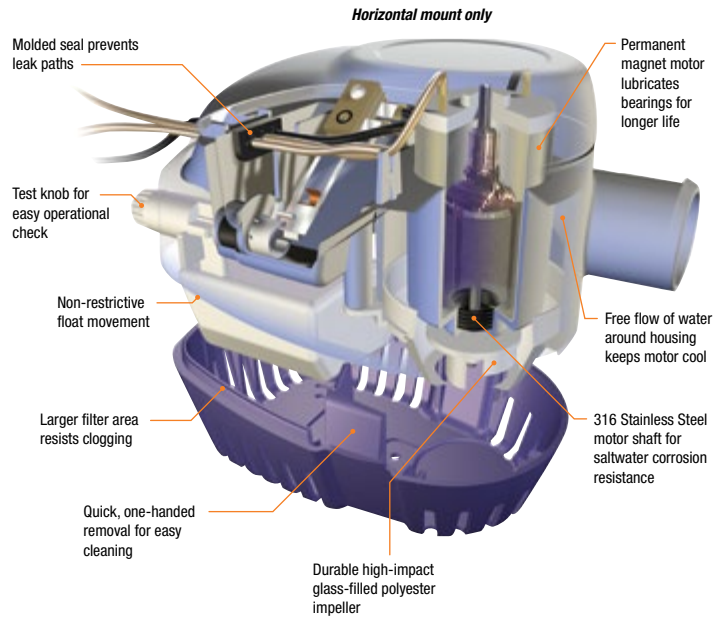


Brown – Positive, Black – Negative, Brown & White – Manual Override

SAHARA AUTOMATIC BILGE PUMPS

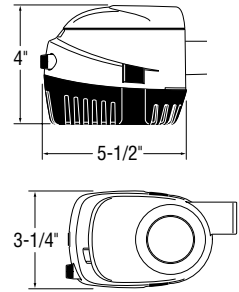
An automatic-switch bilge pump is a requirement for any vessels 20' and over with sleeping accommodations, but is a great convenience for any size boat. The Sahara has everything contained in one compact yet durable package – pump, wire seals, strainer, and **mercury-free** switch – and installs quickly and easily in tight spaces. Pumps include 29" lengths of 16-gauge caulked and tinned copper wire.

* **WARNING** Cancer and Reproductive Harm
– www.P65Warnings.ca.gov (see page 260)



Specifications (Motor Running)

| Model No. | Rated Voltage | Design Voltage | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | | Max Head | Amp Draw | GPH Output @ Nominal Voltage 12.0 VDC | | | | Fuse Size | Hose Size |
|-----------|---------------|----------------|----------|--------------------------------------|---------|---------|----------|----------|----------|---------------------------------------|---------|---------|----------|-------------|-----------|
| | | | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | |
| S500 | 12 | 13.6 | 1.5 | 500 | 350 | 200 | 9 ft. | 1.2 | 450 | 300 | 190 | 8 ft. | 3-amp | 3/4" I.D. | |
| S750 | 12 | 13.6 | 2.8 | 750 | 625 | 450 | 16 ft. | 2.5 | 660 | 480 | 345 | 12 ft. | 5-amp | 3/4" I.D. | |
| S750 | 24 | 27.2 | 1.5 | 750 | 625 | 450 | 16 ft. | 1.2 | 660 | 480 | 345 | 12 ft. | 2-amp | 3/4" I.D. | |
| S1100 | 12 | 13.6 | 4 | 1100 | 973 | 750 | 11 ft. | 3.4 | 1070 | 820 | 615 | 9 ft. | 6-amp | 1-1/8" I.D. | |
| S1100 | 24 | 27.2 | 1.9 | 1100 | 973 | 750 | 11 ft. | 1.4 | 1070 | 820 | 615 | 9 ft. | 3-amp | 1-1/8" I.D. | |



S500 Pump

S500 has plenty of pumping power for most jobs. 500 GPH † at open flow, 350 GPH † at 3.3' head. Draws only 1.5-amps at open flow!

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|---------------|-----------|-----------------|----------------|---------|-----------------------|---------|
| S500 | 12-volt | 3/4" I.D. | 29" wire | 4505-1 | * | 4505-7 | * |
| S500 with Stainless Steel Strainer | 12-volt | 3/4" I.D. | 29" wire | 4505S1 | * | — | — |
| Stainless Steel Strainer | — | — | — | 4236 | — | — | — |



4505

S750 Pump

S750 is sized for larger recreational boats. Our most powerful 3/4"-outlet automatic pump. 750 GPH † at open flow, 625 GPH † at 3.3' head. 3/4" hose outlet.

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|---------------|-----------|-----------------|----------------|---------|-----------------------|---------|
| S750 | 12-volt | 3/4" I.D. | 29" wire | 4507-1 | * | 4507-7 | * |
| S750 with Stainless Steel strainer | 12-volt | 3/4" I.D. | 29" wire | 4507S1 | * | — | — |
| S750 | 24-volt | 3/4" I.D. | 29" wire | 4508-1 | * | — | — |
| Stainless Steel Strainer | — | — | — | 4236 | — | — | — |



4507

S1100 Pump

S1100 is our most powerful and efficient automatic pump. High capacity for larger boats and yachts. 1100 GPH † at open flow, 973 GPH † at 3.3' head. 1-1/8" hose outlet.

| Model No. | Rated Voltage | Hose Size | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|---------------|-------------|-----------------|----------------|---------|-----------------------|---------|
| S1100 | 12-volt | 1-1/8" I.D. | 29" wire | 4511-1 | * | 4511-7 | * |
| S1100 with Stainless Steel strainer | 12-volt | 1-1/8" I.D. | 29" wire | 4511S1 | * | — | — |
| S1100 | 24-volt | 1-1/8" I.D. | 29" wire | 4512-1 | * | — | — |
| Stainless Steel Strainer | — | — | — | 4236 | — | — | — |



4511

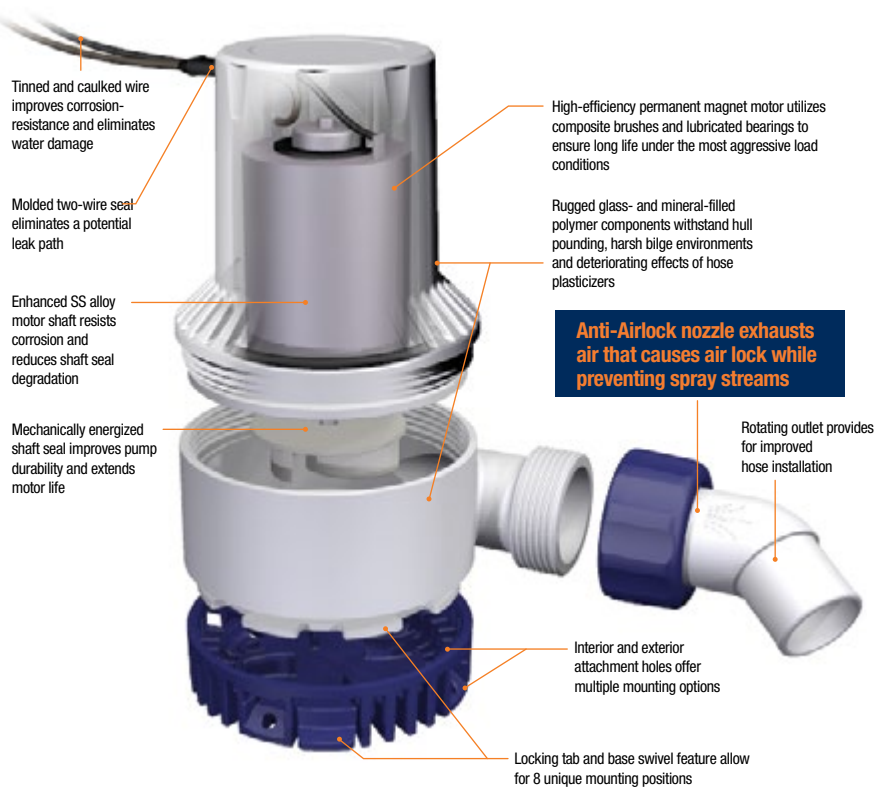
† Listed GPH is measured at design voltage of 13.6 VDC.

HEAVY-DUTY BILGE PUMPS



Integrates the highest quality bearings, brushes, alloys and magnets designed to withstand extreme usage cycles. Pump also employs an exclusive shaft and motor compartment, reducing wear and significantly extending pump life. Advanced resin compositions incorporated into exterior to resist chemicals such as engine oil, aggressive detergents and hose plasticizers. Attwood's Heavy Duty Bilge has unsurpassed durability and efficiency in a compact design to ensure electrical energy is converted to the pump rather than excess heat. This pump is fully submersible.

* **⚠ WARNING** Cancer and Reproductive Harm
— www.P65Warnings.ca.gov (see page 260)

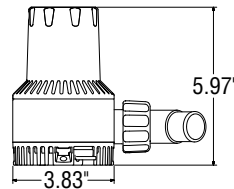


Specifications

| Model No. | GPH Output @ Design Voltage 13.6 VDC | | | | | | GPH Output @ Nominal Voltage 12.0 VDC | | | | | | Fuse Size | Hose Size |
|-----------|--------------------------------------|----------|-------|---------|---------|----------|---------------------------------------|-------|---------|---------|----------|--------|-------------|-----------|
| | Rated Voltage | Amp Draw | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | Amp Draw | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | | |
| HD1700 | 12 | 5.7 | 1700 | 1300 | 950 | 12 ft. | 5.1 | 1500 | 1100 | 800 | 11 ft. | 10-amp | 1-1/8" I.D. | |
| HD2000 | 12 | 6.6 | 2000 | 1600 | 1230 | 17 ft. | 6 | 1800 | 1500 | 1200 | 16 ft. | 12-amp | 1-1/8" I.D. | |
| | 24 | 3.5 | 2000 | 1600 | 1230 | 17 ft. | 2.9 | 1800 | 1500 | 1200 | 16 ft. | 7-amp | 1-1/8" I.D. | |

HD1700 Pump

The perfect upgrade from 1500 GPH rated pumps, especially older, over-rated designs. Delivers a true 1700 GPH at open flow while drawing less than 6-amps.



HD 1700 Pump with Anti-Airlock nozzle

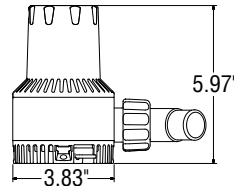


4730

| Model No. | Rated Voltage | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------|---------------|-----------------|----------------|---------|-----------------------|---------|
| HD1700 | 12-volt | 36" wire | 4730-1 | * | 4730-4 | * |

HD2000 Pump

Attwood's highest capacity bilge pump! Ball-bearing design provides for cooler motor operation and longer life. Delivers over 2000 GPH at open flow while drawing less than 7-amps.



HD 2000 Pump with Anti-Airlock nozzle



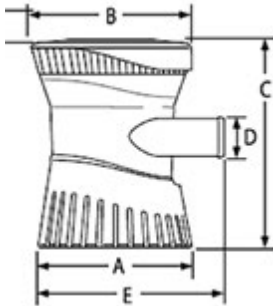
4760

| Model No. | Rated Voltage | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------|---------------|-----------------|----------------|---------|-----------------------|---------|
| HD2000 | 12-volt | 36" wire | 4760-1 | * | 4760-4 | * |
| | 24-volt | 36" wire | 4770-1 | * | 4770-4 | * |



TSUNAMI BILGE PUMPS

With their innovative engineering and compact design, Tsunami pumps deliver high output from a small package. We use the most advanced material available, including the best quality bearings and state-of-the-art brushes, alloys and magnets. Our patented shaft seal prevents leaks caused by misalignment and our caulked and tinned wiring eliminates wicking, prevents water damage and resists corrosion.



Pump Dimensions

| Model No. | A | B | C | D | E |
|-----------|--------|--------|--------|-------------|--------|
| T500 | 2-3/4" | 2-7/8" | 3-5/8" | 3/4" O.D. | 3-1/8" |
| T800 | 3-1/8" | 3-1/4" | 4-3/8" | 3/4" O.D. | 3-1/2" |
| T1200 | 3-1/8" | 3-1/4" | 4-3/8" | 1-1/8" O.D. | 3-3/4" |

Specifications

| Model No. | Rated Voltage | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | | Max Head | Amp Draw | GPH Output @ Nominal Voltage 12.0 VDC | | | | Fuse Size | Hose Size |
|-----------|---------------|----------|--------------------------------------|---------|---------|----------|----------|----------|---------------------------------------|---------|---------|----------|-------------|-----------|
| | | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | |
| T500 | 12 | 1.8 | 500 | 400 | 250 | 9 ft. | 1.4 | 450 | 320 | 160 | 8 ft. | 3-amp | 3/4" O.D. | |
| | 24 | 1.3 | 800 | 660 | 510 | 13 ft. | 1.1 | 760 | 550 | 400 | 11 ft. | 4-amp | 3/4" O.D. | |
| T800 | 12 | 3 | 800 | 660 | 510 | 13 ft. | 2.5 | 760 | 550 | 400 | 11 ft. | 2-amp | 3/4" O.D. | |
| | 24 | 1.3 | 800 | 660 | 510 | 13 ft. | 1.1 | 760 | 550 | 400 | 11 ft. | 2-amp | 3/4" O.D. | |
| T1200 | 12 | 3.5 | 1200 | 900 | 700 | 11 ft. | 3 | 1100 | 760 | 480 | 9 ft. | 5-amp | 1-1/8" O.D. | |
| | 24 | 1.5 | 1200 | 900 | 700 | 11 ft. | 1.3 | 1100 | 760 | 480 | 9 ft. | 2-amp | 1-1/8" O.D. | |

Tsunami Bilge Pumps & Accessories

No mounting brackets necessary.

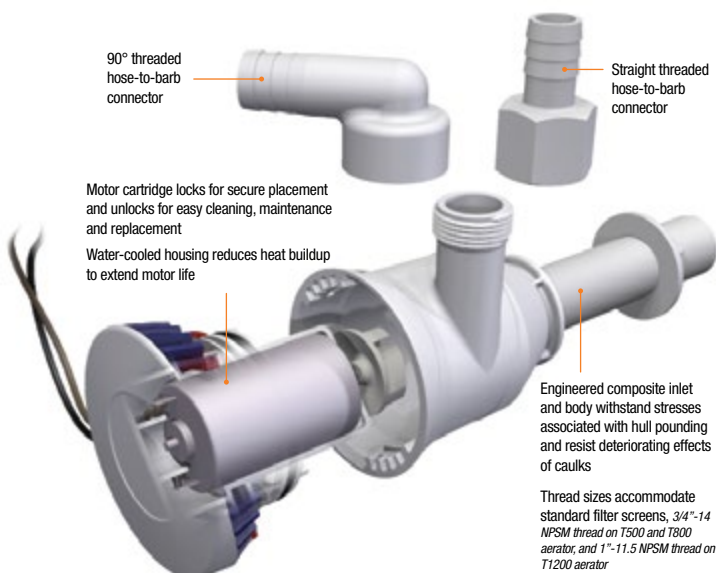
| Model No. | Outlet Style | Rated Voltage | Wire/ Connector | Bulk Packaging | Aftermarket Packaging |
|---|------------------|---------------|-----------------|----------------|-----------------------|
| TSUNAMI BILGE PUMPS | | | | | |
| T500 | Barbed - 3/4" | 12-volt | 29" wire | 4606-1 | 4606-7 |
| | Threaded - 3/4"Δ | 12-volt | 29" wire | 4606TH1 | — |
| T800 | Barbed - 3/4" | 12-volt | 29" wire | 4608-1 | 4608-7 |
| | Threaded - 3/4"Δ | 12-volt | 29" wire | 4608TH1 | — |
| T1200 | Barbed - 3/4" | 24-volt | 29" wire | 4609-1 | — |
| | Barbed - 1-1/8" | 12-volt | 29" wire | 4612-1 | 4612-7 |
| | Barbed - 1-1/8" | 24-volt | 29" wire | 4613-1 | — |
| TSUNAMI REPLACEMENT MOTOR CARTRIDGES | | | | | |
| T500 | | 12-volt | 29" wire | — | 4620-6 |
| T800 | | 12-volt | 29" wire | — | 4622-6 |
| T1200 | | 12-volt | 29" wire | — | 4624-6 |

ΔThreaded outlet permits the use with 90° fittings or Flow-Rite™ connectors.



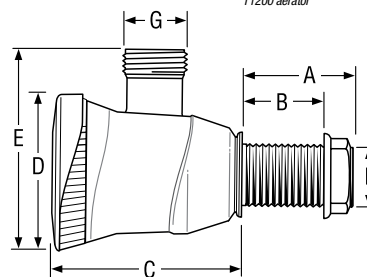
TSUNAMI AERATOR PUMPS

With their innovative engineering and compact design, Tsunami pumps deliver high output from a small package. We use the most advanced material available, including the best quality bearings and state-of-the-art brushes, alloys and magnets. Our patented shaft seal prevents leaks caused by misalignment and our caulked and tinned wiring eliminates wicking, prevents water damage and resists corrosion.



Pump Dimensions

| Model | Application | A | B | C | D | E | F | G |
|-------|-------------|------------------|----------|--------|--------|--------|--------------|--------------|
| T500 | Thru-Hull | 3-1/2" or 1-1/2" | 3" or 1" | 3-1/4" | 2-7/8" | 3-5/8" | 3/4-14 NPSM | 3/4-14 NPSM |
| | Seacock | 1-1/2" | 1" | 3-1/4" | 2-7/8" | 3-5/8" | 3/4-14 NPT | 3/4-14 NPSM |
| T800 | Thru-Hull | 3-1/2" or 1-1/2" | 3" or 1" | 3-7/8" | 3-1/4" | 4" | 3/4-14 NPSM | 3/4-14 NPSM |
| | Seacock | 1-1/2" | 1" | 3-7/8" | 3-1/4" | 4" | 3/4-14 NPT | 3/4-14 NPSM |
| T1200 | Thru-Hull | 3-1/2" or 1-1/2" | 3" or 1" | 4" | 3-1/4" | 4-7/8" | 1-3/8-12 UNF | 1-3/8-12 UNF |
| | Seacock | 1-1/2" | 1" | 4" | 3-1/4" | 4-7/8" | 1-11-1/2 NPT | 1-3/8-12 UNF |



Specifications

| Model No. | Rated Voltage | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | | | GPH Output @ Nominal Voltage 12.0 VDC | | | | | Fuse Size | Hose Size |
|-----------|---------------|----------|--------------------------------------|---------|---------|----------|----------|---------------------------------------|---------|---------|----------|-------|-------------|-----------|
| | | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | Amp Draw | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | | |
| T500 | 12 | 1.8 | 500 | 440 | 260 | 9 ft. | 1.4 | 450 | 330 | 160 | 8 ft. | 3-amp | 3/4" O.D. | |
| T800 | 12 | 3 | 800 | 670 | 525 | 9 ft. | 2.5 | 750 | 555 | 370 | 8 ft. | 4-amp | 3/4" O.D. | |
| T1200 | 12 | 3.5 | 1200 | 840 | 570 | 9 ft. | 3 | 1140 | 790 | 450 | 8 ft. | 5-amp | 1-1/8" O.D. | |

Tsunami Aerator Pumps & Accessories

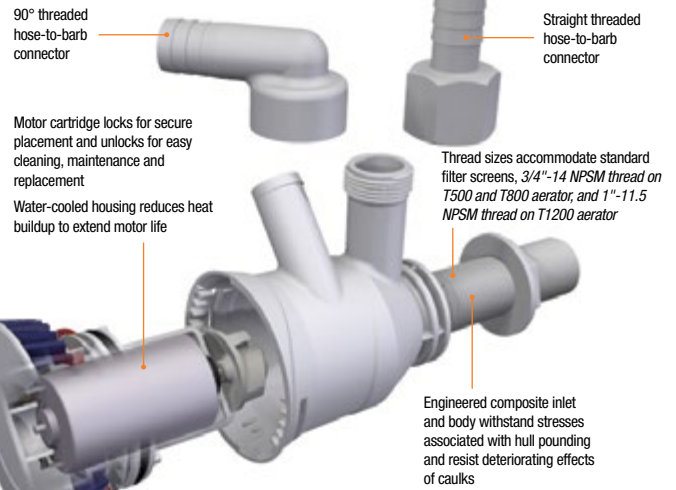
No mounting brackets necessary.

| Model No. | Inlet Length & Diameter | Outlet Style & I.D. Diameter | Rated Voltage | Wire/ Connector | Bulk Packaging | Aftermarket Packaging |
|---|-------------------------|------------------------------|---------------|---------------------------------|----------------|-----------------------|
| TSUNAMI AERATOR PUMPS | | | | | | |
| T500 | 3-1/2" L x 3/4" | Threaded - 3/4" | 12-volt | 29" wire | 4640-1 | 4640-7 |
| | 1-1/2" L x 3/4" | Threaded - 3/4" | 12-volt | 29" wire | 4641-1 | — |
| | 7/8" L x 3/4" | Threaded - 3/4" | 12-volt | 29" wire used with 3/4" seacock | 4643-1 | 4643-7 |
| T800 | 3-1/2" L x 3/4" | Threaded - 3/4" | 12-volt | 29" wire | 4650-1 | 4650-7 |
| | 1-1/2" L x 3/4" | Threaded - 3/4" | 12-volt | 29" wire | 4651-1 | — |
| T1200 | 3-1/2" L x 1-1/8" | Threaded - 1-1/8" | 12-volt | 29" wire | 4660-1 | 4660-7 |
| | 1-1/2" L x 1-1/8" | Threaded - 1-1/8" | 12-volt | 29" wire | 4661-1 | — |
| | 7/8" L x 1" | Threaded - 1-1/8" | 12-volt | 29" wire used with 1" seacock | 4663-1 | — |
| TSUNAMI REPLACEMENT MOTOR CARTRIDGES | | | | | | |
| T500 | | | 12-volt | 29" wire | — | 4620-6 |
| T800 | | | 12-volt | 29" wire | — | 4622-6 |
| T1200 | | | 12-volt | 29" wire | — | 4624-6 |

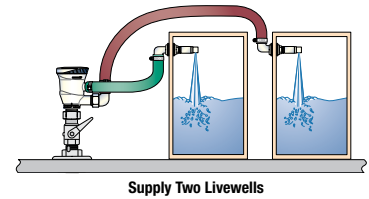
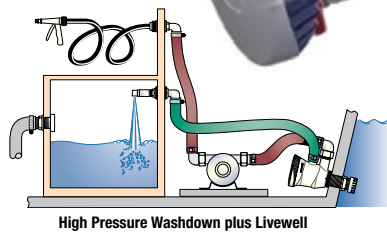
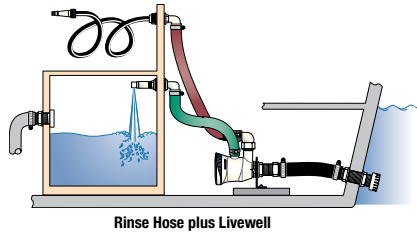


TSUNAMI DUAL OUTLET AERATOR PUMPS

The advantage of the dual outlet is that you can feed multiple applications through a single thru-hull fitting. The Tsunami second outlet is integrated into the pressure chamber, so it looks – and pumps – like part of the aerator. Both of the pump's outlets are engineered for the precise position and angle that will deliver optimum performance.

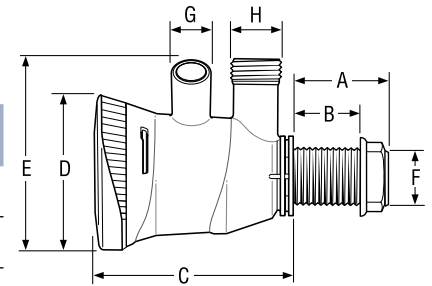


Applications:



Pump Dimensions

| Part No. | Inlet Length | Inlet Dia. | A | B | C | D | E | F | G | H |
|----------|--------------|------------|--------|-------|--------|--------|----|-------------|------------------------|------------------------|
| 4672 | 3-1/2" | 3/4" | 3-1/4" | 3" | 4-1/8" | 4-1/4" | 4" | 3/4-14 NPSM | 3/4" Barbed .554" I.D. | 3/4-14 NPSM .620" I.D. |
| 4670 | 3/4" | 3/4" | 1-1/4" | 7/16" | 4-1/8" | 4-1/4" | 4" | 3/4-14 NPT | 3/4" Barbed .554" I.D. | 3/4-14 NPSM .620" I.D. |



Specifications

| Outlet | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | | | GPH Output @ Nominal Voltage 12.0 VDC | | | | | Fuse Size | |
|--------|----------|--------------------------------------|---------|---------|----------|-------|---------------------------------------|-------|---------|---------|----------|-----------|-------|
| | | Both Outlets Open | | | | | Both Outlets Open | | | | | | |
| | | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | 0 ft. | Amp Draw | 0 ft. | 3.3 ft. | 6.7 ft. | Max Head | | 0 ft. |
| Upper | 3.0 | 750 | 600 | 460 | 13 ft. | 880 | 2.5 | 670 | 500 | 390 | 11 ft. | 770 | 4-amp |
| Lower | 3.0 | 750 | 620 | 480 | 13 ft. | 880 | 2.5 | 690 | 550 | 420 | 11 ft. | 770 | 4-amp |

Tsunami Dual Outlet Aerator Pumps & Accessories

No mounting brackets necessary.

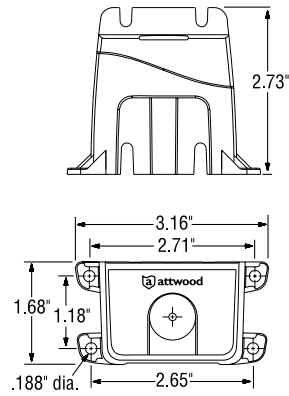
| Model No. | Inlet Length & Diameter | Rated Voltage | Wire/Connector | Bulk Packaging | Aftermarket Packaging |
|--|-------------------------|---------------|---------------------------------|----------------|-----------------------|
| TSUNAMI DUAL OUTLET AERATOR PUMPS | | | | | |
| T800 | 3-1/2" L x 3/4" | 12-volt | 29" wire | 4672-1 | 4672-7 |
| | 7/8" L x 3/4" | 12-volt | 29" wire, use with 3/4" seacock | 4670-1 | 4670-7 |
| TSUNAMI REPLACEMENT MOTOR CARTRIDGE | | | | | |
| T800 | | 12-volt | 29" wire | — | 4622-6 |



S3 SERIES AUTOMATIC BILGE SWITCHES



Incorporates a proprietary Electronic Sensing technology to detect bilge water levels and trigger pump activation and has been engineered to operate in any bilge water mixture consistently without failure. Your pump won't be exposed to continuous cycling as the S3 switch can easily distinguish splashing bilge water, chemicals, sludge build up or foam, and comes equipped with fully sealed electronics that are completely protected from water or chemical damage. For added convenience, the bilge switch can be mounted on the floor of the bilge, directly to a stringer wall, or alongside the basket of the pump without added components or brackets. The S3 Series switch is also directly compatible with all competitive products and free of moving parts that can jam up, break or wear out over time. Marine ignition protected and RoHS compliant.



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Max. Pump Amp Draw | Rated Voltage | Wire | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|--------------------|---------------|----------|----------------|---------|-----------------------|---------|
| Switch, White | 15A | 12-volt | 36" wire | 4801-1 | | 4801-7 | |

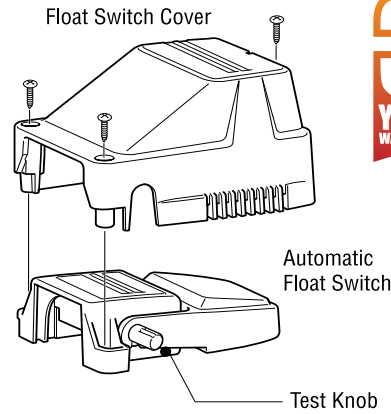
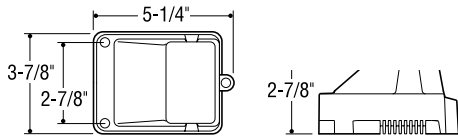


Automatic Float Switches

Converts bilge pumps to fully automatic operation. Maximum amp draw is 12 amps (at 12-volt D.C.) or 6-amps (at 24-volt D.C.). Features a compact, low-profile design that mounts on any surface from horizontal up to a 24° angle. Incorporates a reliable and affordable mechanical switch that actuates pump motor at 2" water level. Wire leads do not flex or hinge with the float as on some competitive models. Integral cover dampens bilge sloshing to reduce pump cycling, and prevents debris interference. Sealed switch mechanism resists moisture, fume-ignition, and electrical shock. Contains no mercury, which is listed as a health hazard and "Persistent Toxic Substance" in over 26 states. Marine ignition protected and RoHS compliant.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

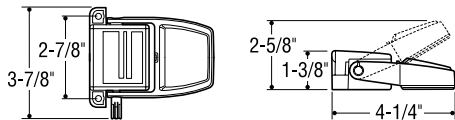
Float Switch with Cover



| Description | Rated Voltage | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|--------------------------|-----------------|----------------|---------|-----------------------|---------|
| Float switch with cover | 12- and 24-volt CE rated | 36" wire | 4201-1 | * | 4201-7 | * |



Float Switch



| Description | Rated Voltage | Wire/ Connector | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|--------------------------|-----------------|----------------|---------|-----------------------|---------|
| Float switch | 12- and 24-volt CE rated | 36" wire | 4202-1 | * | 4202-7 | * |

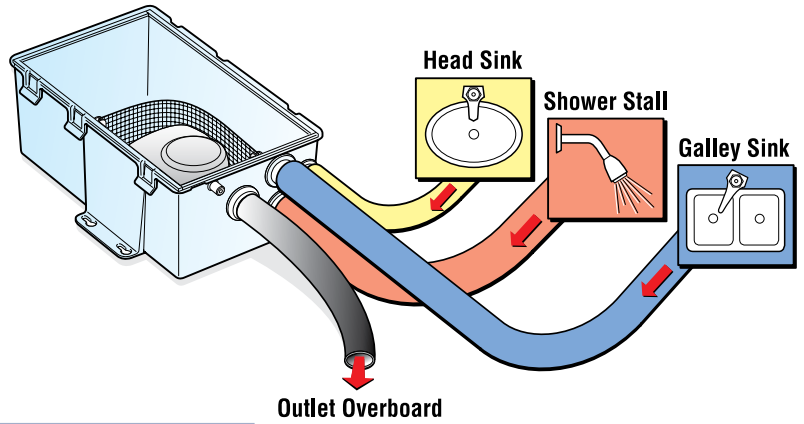


Shower Sump Pump Systems

Attwood's shower sump systems deliver the performance you've been asking for. Choose from standard box or large box sizes. Offering fast water flow into and out of sump. The lid snaps in to allow quick installation (and removal for cleaning) and includes a gasket to seal the sump box against overflow. The sump box even includes an air vent to prevent air locks. Meets or exceeds all applicable standards of the ABYC and USCG.

* **⚠ WARNING** Cancer and Reproductive Harm
 - www.P65Warnings.ca.gov (see page 260)

Multiple Inlets Can Be Hooked Up to More Than One Drain – Using Different Hose Sizes



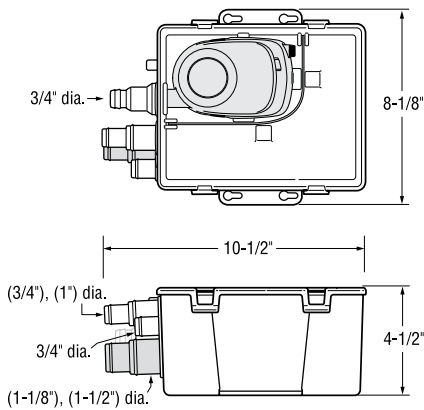
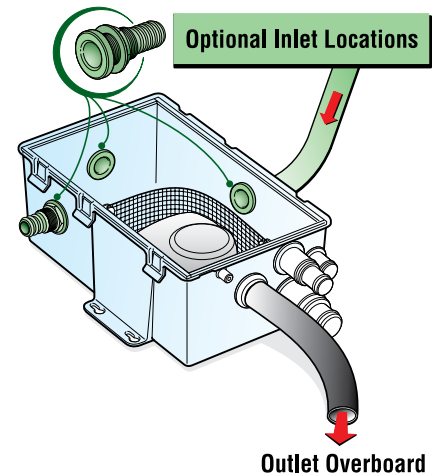
Specifications

| Model | Rated Voltage | Fuse Size | Outlet Hose Size |
|---------|---------------|-----------|------------------|
| 500 GPH | 12-volt | 3-amps | 3/4" I.D. |
| 750 GPH | 12-volt | 5-amps | 3/4" I.D. |
| 750 GPH | 24-volt | 2-amps | 3/4" I.D. |

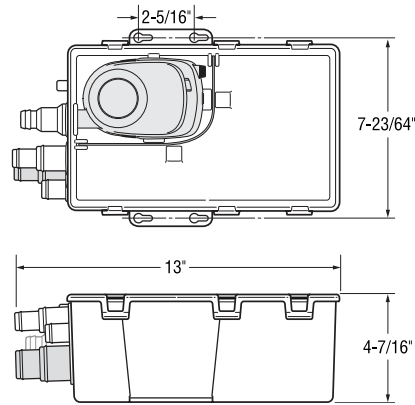
Output Ratings

| Model | Amp Draw | GPH Output @ Design Voltage 13.6 VDC | | | GPH Output @ Nominal Voltage 12.0 VDC | | |
|---------|----------|--------------------------------------|---------|---------|---------------------------------------|---------|---------|
| | | 0 ft. | 3.3 ft. | 6.7 ft. | 0 ft. | 3.3 ft. | 6.7 ft. |
| 500 GPH | 1.4 | 420 | 360 | 215 | 385 | 290 | 130 |
| 750 GPH | 2.5 | 650 | 500 | 385 | 570 | 420 | 290 |

Performance for 24-Volt version is the same (Uses 2 Amp Fuses)



Standard Box



Large Box

| Model No. | Rated Voltage | Wire/Connector | Box Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------|---------------|----------------|----------|----------------|---------|-----------------------|---------|
| 500 GPH | 12-volt | 22" wire | Standard | 4141-1 | * | 4141-4 | * |
| 750 GPH | 12-volt | 22" wire | Standard | 4142-1 | * | — | — |
| 750 GPH | 12-volt | 22" wire | Large | 4143-1 | * | 4143-4 | * |
| 750 GPH | 24-volt | 22" wire | Large | 4144-1 | * | — | — |
| 750 GPH | 24-volt | 22" wire | Standard | 4145-1 | * | — | — |
| Lid | — | — | Standard | 001001668 | * | — | — |
| Lid | — | — | Large | 001001667 | * | — | — |



4141

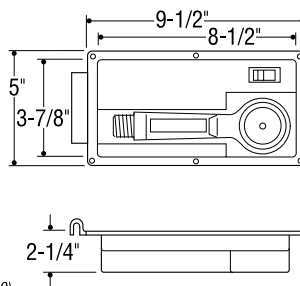


4143



Aft-Deck Shower

Install flush in the transom or under the gunwale. Includes hinged cover and replaceable sprayer head. Fixtures are corrosion-resistant. Housing and cover are made of high-impact, UV resistant, engineering-grade plastic and are pre-drilled for six #8 fasteners. Comes with 6' hose, shut-off, and hot/cold mixing controls. Connects to freshwater system for showering.

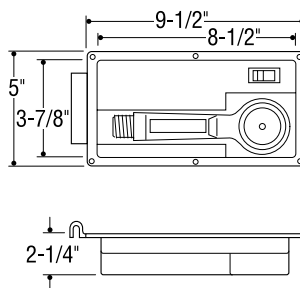


* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Function | Hose Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------|-------------|----------------|---------|-----------------------|---------|
| Aft-Deck | Hot/cold | 6' | 4131-1 | * | 4131-4 | * |

Cold Water Shower

Install flush in the transom or under the gunwale. Includes hinged cover and replaceable sprayer head. Fixtures are corrosion-resistant. Housing and cover are made of high-impact, UV resistant, engineering-grade plastic and are pre-drilled for six #8 fasteners. Hand-held shower sprayer with 6' hose and shut-off. Connects to freshwater system or self-priming wash-down pump for showering after swimming. Built-in on/off switch for pump.



* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Function | Hose Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|---------------|-------------|----------------|---------|-----------------------|---------|
| Cold Water | On/off switch | 6' | 4133-1 | * | — | 65 |

Self-Priming Washdown Pump

Self-priming pump for cleaning boats, general use, or use as a shower pump. Threaded male inlet and outlet for standard garden hose attachment. Pumps 4 gallons per minute, produces up to 8.5 PSI pressure. Corrosion-resistant plastic housing and impeller, heavy-duty 8-amp 12-Volt D.C. motor. Pump is non-submersible. **Note:** Do not run dry.

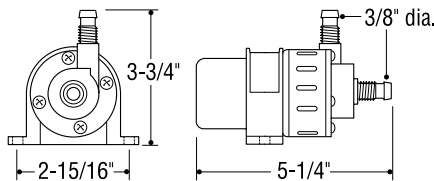


* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Open Flow GPM | Max Head Pressure | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|---------------|-------------------|----------------|---------|-----------------------|---------|
| Self-priming | 4 | 8.5 PSI | — | 65 | 11574-4 | * |

Potable Water Pump

This economical, compact pump only delivers drinking water from a water tank to a faucet. Seal allows it to run dry without damage. Made from high-impact plastic. Patented. Inlet and outlet have combination fittings: 3/8" barbs can be removed to accommodate 1/4" NPT fitting. Potable Water Pump is not activated by line pressure. Pump is non-submersible. Note: Mount centrifugal pump so water will flow into the pump.



Caution: Not external ignition protected.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Inlet/Outlet Size | GPH | Max Head | Amp Draw | Fuse Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------------|-----|----------|----------|-----------|----------------|---------|-----------------------|---------|
| 3/8" barb, or convert to 1/4" NPT | 150 | 16' | 1.5 | 2-amp | 6126-1 | * | 6126-7 | * |



WATERBUSTER®

PORTABLE PUMP

This submersible pump is a great way to remove unwanted water from boats, pool covers, aquariums and sump pits. Convenient and safe because it needs no electrical cord — runs up to five hours on three alkaline "D" batteries. Excellent for use as a portable pump-out device for paddle boats, inflatables, duck boats, dingies or kayaks, any craft that lacks a hard-wire, permanent electrical system.

- 6-3/8" high x 5-1/4"-diameter
- Pumps up to 200 gallons per hour
- Includes 42" hose with garden hose adapter for adding longer hose
- Lifts water to height of 40"
- **Note:** Not to be used as a permanent bilge pump



4140

| Description | GPH Open Flow | GPH 2 ft. Head † | Bulk Packaging | Aftermarket Packaging |
|---------------|---------------|------------------|----------------|-----------------------|
| Portable Pump | 200 | 125 | — | 4140-4 |

Hand-Operated Bilge Pumps

Safely remove unwanted water, or other liquids, from kayaks and other small boats.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|----------------|---------|-----------------------|---------|
| Kayak Hand Bilge Pump, 18" | — | | 11595-2 | * |
| Hand Bilge Pump, 24", 32" Hose | — | | 11596-2 | * |



11595

11596

† 4 ft. maximum head

Bilge Pump Switches

Panel-mounted rocker switches for use with pump that draws 10-amps or less. 1/4" spade terminals. 6-volt through 32-volt D.C. only, 10-amps maximum. Plate is 2-13/16" x 1-7/8". Hole size is 1-1/2" x 7/8".

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Bilge pump switches are not external ignition protected.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------|---------|-----------------------|---------|
| 2-way on/off | — | | 7615-3 | * |
| 3-way auto/off/manual | — | | 7615A3 | * |



7615

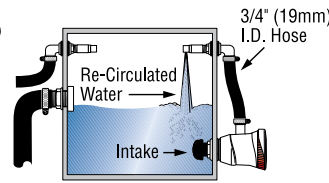
TSUNAMI RECIRQ AERATOR KIT

The Tsunami Recirq Kit recirculates livewell water to keep it cooler and rich in oxygen. This self-contained system feeds a separate aerator spray head and works even while you are underway and cannot use a thru-hull connection. Add this kit to any tank that already has a freshwater fill system. Or use as a backup pump for a fail-safe system.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Recirq Kit includes:

- (1) 500 GPH Tsunami aerator pump with short inlet, threaded outlet
- (1) 4125-1 aerator spray head
- (1) 4232-1 Stainless Steel strainer
- (2) Plastic hose clamps
- (1) 3/4" diameter x 23" long poly hose
- (1) Straight thread-to-barb connector



4253

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------------|----------------|---------|-----------------------|---------|
| T-500 Recirq Livewell Aerator Kit | — | | 4253-7 | * |

Bilge Pump Installation Kits

Complete kit to install manual bilge pump with 3/4" I.D. hose outlet.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- (1) 2-way on/off switch with bezel plate
- (1) 3/4" I.D. x 5' corrugated hose
- (1) Thru-hull fitting for 3/4" I.D. hose
- (2) Snap-It hose clamps
- (1) 2-conductor 16-gauge wire, 20' long
- (1) In-line fuse holder with 2-amp fuse

Caution: Bilge pump switches are not external ignition protected.

| Description | Hose Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-------------|----------------|---------|-----------------------|---------|
| Complete kit (without pump) | 3/4" I.D. | — | | 4116-5 | * |
| Complete kit with Tsunami T-500 bilge pump | 3/4" I.D. | — | | 4614-7 | * |
| 6' hose with (2) clamps | 3/4" I.D. | — | | 4199-7 | * |
| 6' hose only | 1-1/8" I.D. | — | | 11551-5 | * |



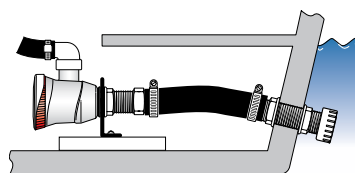
4116



4614



Aerator Remote Mounting Brackets



For mounting the aerator pump to a base, away from the transom.

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 1-1/8" Aerator remote mounting bracket | 4121-1 | * | 4121-3 | * |
| 3/4" Aerator remote mounting bracket | 4122-1 | * | 4122-3 | * |



Aerator Spray Heads

For use on livewells that have built-in overflows or recirculating systems.

Adjustable Spray Heads - Mounts on sides of tank. 90° fitting for installation in tight spaces. Rotating head with O-ring adjusts and maintains flow setting. Removable head has an "interference-fit thread design" that will not allow it to vibrate or blow out. Polypropylene construction. Can be installed on tanks with up to 5/8" wall thickness.

Non-Adjustable Spray Heads - Multi-port spray maximizes oxygen level in the livewell. Constructed of ABS plastic.

Double Valve Spray Head - Allows aerating options – one end can be used for freshwater fill, the other end with a recirculating pump. **Single Valve Spray Head** - For output from an aerator pump into the livewell.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Hose I.D. | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|----------------|---------|-----------------------|---------|
| ADJUSTABLE SPRAY HEADS | | | | | |
| Aerator spray head | 3/4" | 4125-1 | * | 4125-7 | * |
| Aerator spray head w/male connector for Flow-Rite™ Qwik-Lok™ Coupler 3 | 3/4" | 4123-1 | * | — | — |
| NON-ADJUSTABLE SPRAY HEADS | | | | | |
| Aerator spray head, single valve | 3/4" | 4118A1 | * | 4118A5 | * |



Check Tees

These check tees replace additional connections for RV and marine hookups, providing a combination check valve and tee that allows water to flow in from the dockside connection without filling the tank. Constructed of ABS plastic.

Combination Barbed Fitting - Inlet and outlet both have combination fittings: Comes with 3/8" barbs that can be removed to accommodate 1/4" NPT fitting. 1/2" NPT fitting for dockside water connection.

Combination Barbed Inlet/Threaded Outlet - Inlet has combination fitting: Comes with 3/8" barbs that can be removed to accommodate 1/4" NPT fitting. Outlet is 1/2" NPSM. 1/2" NPT fitting for dockside water connection.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Combination barbed fitting | 6115-1 | * | — | — |
| Combination barbed inlet/threaded outlet | 6115A1 | * | — | — |



Snap-It Hose Clamps

Use on bilge pumps and shower sump systems. Corrosion-resistant plastic.

Note: Clamps are intended for water and waste system hoses only.

| Description | Hose O.D. | Hose I.D. | Bulk Packaging | Aftermarket Packaging |
|--------------------|------------|-----------|----------------|-----------------------|
| Snap-It Hose Clamp | 7/8" to 1" | 3/4" | 9185J1 | — |



Tees

Three-way 90° fitting. Acetal construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Hose I.D. | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|------------------|----------------|---------|-----------------------|---------|
| Tee | 3/4" | 3892-1 | * | — | |
| Tee | 1-1/8" to 1-1/4" | 3893-1 | * | — | |



Straight Connectors

Threaded end fits 3888 drain fitting, A-Series aerator pump outlets and Tsunami threaded outlets. Acetal construction.

3899: Barbed end accommodates 3/4" I.D. hose.

3909: Male end accommodates Flow-Rite™ Qwik-Lok™ Coupler.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Thread-to-Barb 3/4"-14 NPSM and 3/4" I.D. hose fitting. For use with 500-800 GPH pumps | 3899-1 | | 3899-3 | |
| Thread-to-Flow-Rite™ Qwik-Lok™ Connector fitting. For use with 500-800 GPH pumps | 3909-1 | | — | |
| Thread-to-Barb Straight 1-3/8" - 12 UNF thread & 1-1/8" hose fitting For use with 1200 GPH pumps | 3902-1 | * | 3902-3 | * |



90° Connectors

3890: Threaded female end fits 3888 drain fitting or A-Series aerator pump outlets and Tsunami threaded outlets. Barbed end accommodates 3/4" I.D. hose. Acetal construction.

3900: Threaded end fits A-Series aerator pump outlets and Tsunami threaded outlets. Male end accommodates Flow-Rite™ Qwik-Lok™ Coupler.

3891: Threaded end fits 3889 drain fitting. High-impact plastic. Barbed end accommodates 1-1/8" or 1-1/4" I.D. hose.

Acetal construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| For 3/4"-14 threads and 3/4" I.D. hose. For use with 500-800 GPH pumps | 3890-1 | * | 3890-3 | * |
| Thread-to-Flow-Rite™ Qwik-Lok™ Connector. For use with 500-800 GPH pumps | 3900-1 | * | — | |
| For 1-3/8"-12 threads and 1-1/8" or 1-1/4" I.D. hose. For use with 1200 GPH pumps | 3891-1 | * | — | |



STAINLESS STEEL THRU-HULLS & SCUPPER VALVE FITTINGS



Polish your image with these beautiful, durable stainless steel fittings. Each Thru-Hull and Scupper Valve is available with a new silicone gasket and are backed by Attwood's trusted Lifetime Warranty! Why specify plastic parts when these fittings will last the life of the boat?

Rugged Stainless Construction

- Cast from certified Enhanced 316 Stainless Steel alloy for strength and lifetime corrosion-resistance
- We polish all visible areas to a mirror finish, then passivate each part for additional protection
- Thick steel sidewalls withstand continual stress and hose flexing

Faster, Simpler Installation

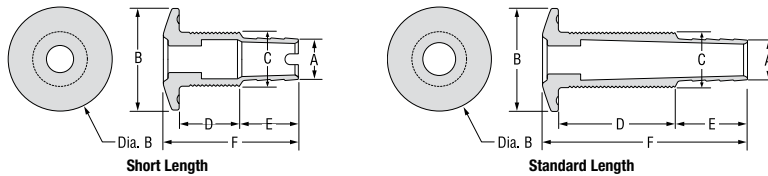
- A channel under the flange holds a bead of sealant, making it easier to apply a trouble-free seal
- All models have wrench flats or an end notch to hold as a gripping surface. One installer can tighten all connections from inside the hull
- Barbed tail ends provide plenty of room to hold multiple clamps

Stainless Steel Straight Thru-Hulls, Barbed

- Standard Thread model has full-length thread for thick hulls and easy tightening
- Short Thread is a more compact size. Allows installation near corners and in confined areas.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.



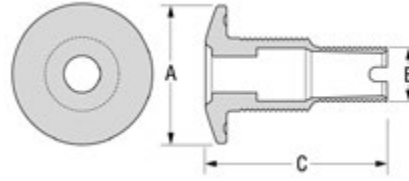
| A | B | C | D | E | F | Install. | Thread | Max | Bulk | Prop | Aftermarket | Prop |
|------------------------|--------|--------|--------|--------|--------|----------|--------|---------|---------|------|-------------|------|
| Hose | Flange | Thread | Thread | Barb | Total | Hole Saw | NPSM | Hull | without | 65 | Packaging | 65 |
| Size | Dia. | O.D. | Length | Length | Length | Size | | Thick. | Gasket | | | |
| SHORT LENGTH | | | | | | | | | | | | |
| 5/8" I.D. | 1-7/8" | 1" | 1" | 1" | 2-1/4" | 1-1/8" | 3/4" | 5/8" | 66540-1 | | 66540-3 | |
| 3/4" I.D. | 1-7/8" | 1" | 1" | 1" | 2-1/2" | 1-1/8" | 3/4" | 5/8" | 66541-1 | | 66541-3 | |
| 1" I.D. | 2-1/4" | 1-3/8" | 1-1/8" | 1" | 2-1/2" | 1-1/2" | 1" | 5/8" | 66542-1 | | 66542-3 | |
| 1-1/8" I.D. | 2-1/4" | 1-3/8" | 1-1/4" | 1" | 2-1/2" | 1-1/2" | 1" | 5/8" | 66543-1 | | 66543-3 | |
| 1-1/4" I.D. | 2-1/4" | 1-5/8" | 1-1/4" | 1" | 2-5/8" | 1-3/4" | 1-1/4" | 5/8" | 66544-1 | * | 66544-3 | * |
| 1-1/2" I.D. | 3" | 1-7/8" | 1-1/4" | 1-1/2" | 3-1/8" | 2" | 1-1/2" | 5/8" | 66545-1 | | 66545-3 | |
| STANDARD LENGTH | | | | | | | | | | | | |
| 5/8" I.D. | 1-7/8" | 1" | 2" | 1-1/4" | 3-3/4" | 1-1/8" | 3/4" | 1-1/16" | 66546-1 | | 66546-3 | |
| 3/4" I.D. | 1-7/8" | 1" | 2" | 1-1/4" | 3-3/4" | 1-1/8" | 3/4" | 1-5/8" | 66547-1 | | 66547-3 | |
| 1" I.D. | 2-1/4" | 1-3/8" | 2-1/4" | 1-1/4" | 3-7/8" | 1-1/2" | 1" | 1-3/4" | 66548-1 | | 66548-3 | |
| 1-1/8" I.D. | 2-1/4" | 1-3/8" | 2-3/8" | 1-1/4" | 3-7/8" | 1-1/4" | 1" | 1-3/4" | 66549-1 | | 66549-3 | |
| 1-1/4" I.D. | 2-1/4" | 1-5/8" | 2-1/2" | 1-1/4" | 4-1/4" | 1-3/4" | 1-1/4" | 1-7/8" | 66550-1 | | 66550-3 | |
| 1-1/2" I.D. | 3" | 1-7/8" | 2-1/2" | 1-1/4" | 4-1/8" | 2" | 1-1/2" | 1-7/8" | 66551-1 | | 66551-3 | |
| 2" I.D. | 3" | 2-3/8" | 2-1/2" | 1-3/4" | 4-5/8" | 2-1/2" | 1-1/2" | 2" | 66552-1 | | — | |



Stainless Steel Straight Thru-Hulls, Threaded

- Unique multi-thread design with NPSM and NPT threads
- Offer generous thread length
- Allows for direct connection to seacocks or pipes

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.



**LIFETIME
WARRANTY**



66559



66558G

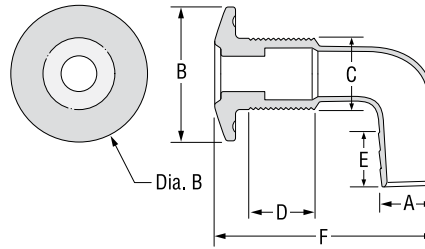
| A Flange Dia. | B Thread O.D. | C Total Length | Installation Hole Saw Size | Threads NPSM | Max Hull Thickness | Bulk without Gasket | Aftermarket Packaging |
|---------------------|---------------------|----------------------|----------------------------------|-----------------|--------------------------|---------------------------|--------------------------|
| 1-7/8" | 2-1/8" | 2-1/2" | 1-1/8" | 3/4" | 1-5/8" | 66559-1 | — |
| 2-1/4" | 2-1/4" | 2-5/8" | 1-3/8" | 1" | 1-3/4" | 66561-1 | — |
| 3" | 2-3/8" | 2-3/4" | 2" | 1-1/2" | 1-7/8" | 66563-1 | — |

Stainless Steel 90° Thru-Hulls, Barbed

Allows installation in especially tight spaces.

* **⚠ WARNING** Cancer and Reproductive Harm
— www.P65Warnings.ca.gov (see page 260)

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.



**LIFETIME
WARRANTY**



66577

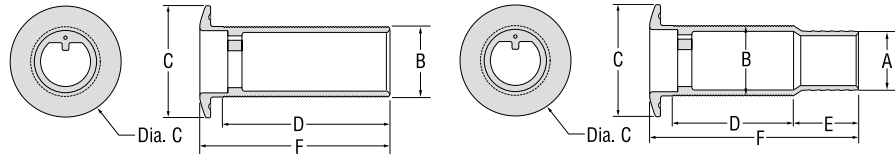
| A Hose Size | B Flange Dia. | C Thread O.D. | D Thread Length | E Barb Length | F Total Length | Install. Hole Saw Size | Thread NPSM | Max Hull Thick. | Bulk without Gasket | Prop 65 | Aftermarket Packaging |
|-------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|------------------------------|----------------|-----------------------|---------------------------|------------|--------------------------|
| 3/4" I.D. | 1-7/8" | 1" | 1-1/2" | 3/4" | 3-3/8" | 1-1/4" | 3/4" | 1-1/16" | 66577-1 | — | — |
| 1-1/8" I.D. | 2-1/4" | 1-3/8" | 1-7/8" | 3/4" | 4-3/8" | 1-5/8" | 1" | 1-1/4" | 66579-1 | — | — |

Stainless Steel Scupper Valves

- The Scupper Flap is tough neoprene rubber with a molded V that fits into the grooved body to reduce backwash
- Fasteners are concealed and corrosion-proof
- Enhanced 316 Stainless Steel Alloy

* **⚠ WARNING** Cancer and Reproductive Harm
— www.P65Warnings.ca.gov (see page 260)

Caution: Stainless Steel Scupper Valves are designed for installation above the water line only.



**LIFETIME
WARRANTY**



66565



66557G

| A Hose Size | B Thread Dia. | C Flange O.D. | D Thread Length | E Barb Length | F Total Length | Install. Hole Saw Size | Thread NPSM | Max Hull Thick. | Bulk without Gasket | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|------------------------------|----------------|-----------------------|---------------------------|------------|--------------------------|------------|
| THREADED | | | | | | | | | | | | |
| — | 1-7/8" | 3" | 3-1/2" | — | 3-7/8" | 2" | 1-1/2" | 3" | 66565-1 | * | — | — |
| — | 2-23/64" | 3-5/8" | 2-1/2" | — | 2-7/8" | 2-1/2" | 2" | 2" | 66567-1 | * | — | — |
| BARBED | | | | | | | | | | | | |
| 1-1/2" | 1-7/8" | 3" | 3-1/2" | 1-1/2" | 5-1/2" | 2" | 1-1/2" | 3" | 66553-1 | * | 66553-3 | * |
| 2" | 2-23/64" | 3-5/8" | 2-1/2" | 1-5/16" | 4-1/2" | 2-1/2" | 2" | 2" | 66555-1 | * | — | — |
| 1-1/2" | 3" | 1-7/8" | 2-1/4" | 1-1/2" | 4-1/2" | 2" | 1-1/2" | 1-3/4" | 66557-1 | * | — | — |
| VALVE ACCESSORIES | | | | | | | | | BULK | | | |
| Replacement Flappers for 1-1/2" | | | | | | | | | 66553Kit | * | — | — |
| Replacement Flappers for 2" | | | | | | | | | 66555Kit | * | — | — |

STAINLESS STEEL THRU-HULLS & SCUPPER VALVE FITTINGS

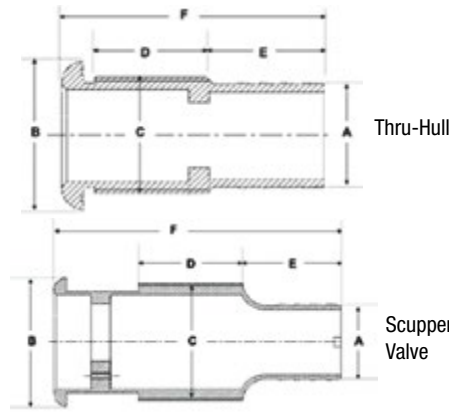


Stainless Steel Narrow Flange Thru-Hulls

- Consistent exterior appearance throughout a range of barb sizes
- Modern styling
- Enhanced 316 Stainless Steel Alloy

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



LIFETIME WARRANTY



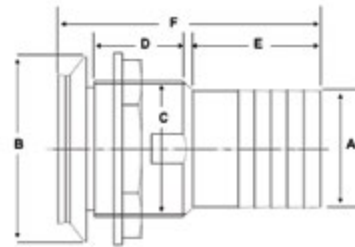
| A Hose Size | B Flange Dia. | C Thread O.D. | D Thread Length | E Barb Length | F Total Length | Install. Hole Saw Size | Thread NPSM | Max Hull Thick. | Bulk without Prop Gasket 65 | Aftermarket Packaging |
|------------------------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|---------------------------------|----------------|-----------------------|-----------------------------------|--------------------------|
| THRU-HULLS, STANDARD LENGTH | | | | | | | | | | |
| 5/8" I.D. | 1-7/10" | 1-3/10" | 1-2/5" | 1-1/8" | 3" | 1-5/16" | 1" | 7/8" | 67555-1 | — |
| 3/4" I.D. | 1-7/10" | 1-3/10" | 1-3/10" | 1-1/4" | 3" | 1-5/16" | 1" | 3/4" | 67554-1 | — |
| 1" I.D. | 1-7/10" | 1-3/10" | 1-2/5" | 1-1/8" | 3" | 1-5/16" | 1" | 7/8" | 67556-1 | — |
| 1-1/8" I.D. | 1-7/10" | 1-3/10" | 1-1/4" | 1-1/8" | 2-7/8" | 1-5/16" | 1" | 3/4" | 67557-1 | — |
| 1-1/2" I.D. | 2-2/5" | 1-7/8" | 1-3/5" | 1-3/5" | 3-2/5" | 2" | 1-1/2" | 1" | 67551-1 | — |
| 2" I.D. | 3.13" | 2-3/8" | 2.93" | 2.04" | 6.09" | 2-7/16" | 2" | 2.70" | 67552-1 | * |
| THRU-HULLS, LONG LENGTH | | | | | | | | | | |
| 3/4" I.D. | 1-7/10" | 1-3/10" | 1-1/2" | 1-1/8" | 4-1/4" | 1-5/16" | 1" | — | 67558-1 | — |
| 1-1/8" I.D. | 1-7/10" | 1-3/10" | 1-1/2" | 1-1/8" | 4-1/4" | 1-5/16" | 1" | — | 67561-1 | — |
| 1-1/2" I.D. | 2-2/5" | 1-7/8" | 1-1/2" | 1-7/16" | 4-15/16" | 2" | 1-1/2" | — | 67562-1 | — |
| SCUPPER VALVE | | | | | | | | | | |
| 1-1/2" I.D. | 2-3/5" | 1-7/8" | 2" | 2" | 5-3/4" | 2-1/8" | 1-1/2" | 2-3/4" | 67553-1 | * — |

Stainless Steel Exhaust Thru-Hulls

- Specifically designed for generator and engine exhaust applications
- Features unique, modern styling that is both elegant and functional
- Stainless steel scupper valve and an integrated stainless drip ring
- Enhanced 316 Stainless Steel Alloy

Caution: Stainless Thru-Hull Connectors are designed for installation above the water line only.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



LIFETIME WARRANTY



| A Hose Size | B Flange Dia. | C Thread O.D. | D Thread Length | E Barb Length | F Total Length | Install. Hole Saw Size | Thread NPSM | Max Hull Thick. | Bulk without Prop Gasket 65 | Aftermarket Packaging |
|-------------------|---------------------|---------------------|-----------------------|---------------------|----------------------|---------------------------------|----------------|-----------------------|-----------------------------------|--------------------------|
| 1-1/2" I.D. | 3.18" | 2.26" | 1.6" | 1.97" | 4.58" | 2.375" | 2" – 11-3/4 | 1.125" | 67581-1 | * — |
| 2" I.D. | 3.18" | 2.26" | 1.6" | 2.23" | 4.58" | 2.375" | 2" – 11-3/4 | 1.125" | 67580-1 | * — |
| 2-1/2" I.D. | 4.60" | 3.375" | 1.8" | 2.75" | 5.8" | 3.625" | 3" – 8 | 1.5" | 67583-1 | * — |
| 3" I.D. | 4.60" | 3.375" | 1.8" | 3" | 5.8" | 3.625" | 3" – 8 | 1.5" | 67582-1 | * — |

STAINLESS STEEL CAPPED COMPOSITE THRU-HULLS

Designed for the value conscious customer, these fittings provide the look of a Stainless Steel thru-hull at a fraction of the cost

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Corrosion Resistance

Manufactured with high quality stainless steel caps and engineered composite bodies, these thru-hulls are designed to resist degradation as a result of chemical and saltwater exposure.

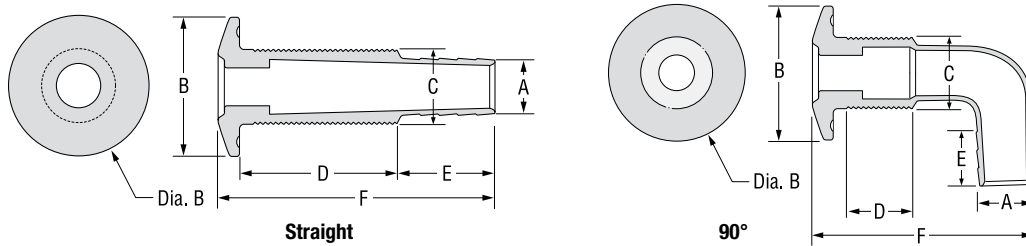
Consistent Look

To create a uniform look, Attwood has designed its 5/8" thru 1-1/2" barbed thru-hulls with a common exterior surface.

Improved Installation

Always keeping the builder in mind, each fitting incorporates several different types of assembly features that allow for "single operator" installation.

Caution: Stainless Steel Thru-Hull Connectors are designed for installation above the water line only.



| A | B | C | D | E | F | Installation | Max | Bulk | Prop | Aftermarket | Prop |
|-----------------------------|--------|--------|--------|--------|--------|--------------|-----------|----------------|------|-------------|------|
| Hose | Flange | Thread | Thread | Barb | Total | Hole Saw | Hull | Packaging | 65 | Packaging | 65 |
| Size | Dia. | O.D. | Length | Length | Length | Size | Thickness | | | | |
| THRU-HULLS, STRAIGHT | | | | | | | | | | | |
| 5/8" I.D. | 1-7/8" | 1.27" | 1.54" | 1" | 3.39" | 1-3/8" | 1.30" | 68555-1 | * | — | |
| 3/4" I.D. | 1-7/8" | 1.27" | 1.54" | 1" | 3.36" | 1-5/16" | 1.30" | 68554-1 | * | — | |
| 1" I.D. | 1-7/8" | 1.27" | 1.54" | 1" | 3.39" | 1-5/16" | 1.30" | 68556-1 | * | — | |
| 1-1/8" I.D. | 1-7/8" | 1.27" | 1.54" | 1.3" | 3.36" | 1-5/16" | 1.30" | 68557-1 | * | — | |
| 1-1/2" I.D. | 2-3/8" | 1.5" | 1.54" | 1.6" | 3" | 1-1/2" | 1.40" | 68551-1 | * | — | |
| THRU-HULLS, 90° | | | | | | | | | | | |
| 5/8" I.D. | 1-7/8" | 1.27" | 1.54" | 0.875" | 3.48" | 1-5/16" | 1.30" | 68576-1 | * | — | |
| 3/4" I.D. | 1-7/8" | 1.27" | 1.54" | 1" | 3.48" | 1-5/16" | 1.30" | 68577-1 | * | — | |
| 1" I.D. | 1-7/8" | 1.27" | 1.54" | 1.125" | 3.75" | 1-5/16" | 1.30" | 68578-1 | * | — | |
| 1-1/8" I.D. | 1-7/8" | 1.27" | 1.54" | 1.5" | 3.75" | 1-5/16" | 1.30" | 68579-1 | * | — | |
| 1-1/2" I.D. | 2-3/8" | 1.5" | 1.54" | 1.5" | 4.45" | 1-1/2" | 1.30" | 68581-1 | * | — | |



Thru-Hulls

Made of thermoplastic resins.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Fits Hose Size | Stem Length | Max Hull Thickness | Flange Diameter | Installation Hole Saw Size | Construction | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------------|-------------|--------------------|-----------------|----------------------------|---------------|-------|----------------|---------|-----------------------|---------|
| 5/8" I.D. | 3-1/4" | 1-1/4" | 1-3/4" | 1-1/8" | Polypropylene | White | 3872-1 | | 3872-3 | |
| Accommodates 7534A (5/8") bailer plug | | | | | | Black | 3872A1 | | — | |
| 3/4" I.D. | 3-1/4" | 1-1/4" | 1-3/4" | 1-1/8" | Polypropylene | White | 3873-1 | | 3873-3 | |
| Accommodates 7534A (5/8") bailer plug | | | | | | Black | 3873A1 | | — | |
| 3/4" I.D. | 4" | 2" | 2" | 1-1/16" to 1-1/8" | Acetal | White | 3896-1 | * | 3896-3 | * |
| 1-1/8" to 1-1/4" I.D. | 3-1/4" | 1-1/4" | 2-1/4" | 1-3/8" | Polypropylene | White | 3874-1 | | 3874-3 | |
| Accommodates 7535A (7/8") bailer plug | | | | | | Black | 3874A1 | * | — | |
| 1-1/2" I.D. | 3-1/2" | 1-1/4" | 3" | 1-7/8" to 2" | Polypropylene | White | 3875-1 | * | 3875-3 | * |
| Accommodates 7535A (7/8") bailer plug | | | | | | Black | 3875A1 | * | — | |
| 2" I.D. | 3-1/2" | 1-1/4" | 3" | 1-7/8" to 2" | Polypropylene | White | 3845-1 | * | — | |



Thru-Transom Thru-Hull Connector

For installation through the transom. Ideal for overflow use in livewell installations. Can be used with the 3876 Scupper Valve in self-bailing applications, or as an exhaust port for a bilge pump. Polypropylene construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Fits Hose Size | Stem Length | Max Hull Thickness | Flange Diameter | Installation Hole Saw Size | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|-------------|--------------------|-----------------|----------------------------|-------|----------------|---------|-----------------------|---------|
| 1-1/2" I.D. | 5-1/2" | 3-1/8" | 2-3/4" | 2" | White | 3875B1 | * | — | |

Double Ended Thru-Hull Connector

Double-Ended Thru-Hull provides watertight transition through bulkheads or tanks. 5" overall length. Polypropylene construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Fits Hose Size | Max Hull Thickness | Installation Hole Saw Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|--------------------|----------------------------|----------------|---------|-----------------------|---------|
| 3/4" I.D. | 1-1/8" | 1-1/8" | 3878-1 | * | 3878-3 | * |



90° Thru-Hull Connectors

90° Thru-Hulls are ideal for tight installations, such as livewell overflow drains. Design eliminates hose kinking. Polypropylene construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Fits Hose Size | Max Hull Thickness | Flange Diameter | Installation Hole Saw Size | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------------|--------------------|-----------------|----------------------------|-------|----------------|---------|-----------------------|---------|
| 3/4" I.D. | 1" | 1-1/2" | 1" | White | 3877-1 | | 3877-3 | |
| Accommodates 7533A (1/2") bailer plug | | | | Black | 3880-1 | * | — | |
| 1-1/8" to 1-1/4" I.D. | 1-7/8" | 2-7/16" | 1-5/16" | White | 3879-1 | | 3879-3 | |
| Accommodates 7535A (7/8") bailer plug | | | | Black | 3870-1 | * | — | |



Scupper Valve

Provides a water exit for boats with self-bailing cockpits. Acetal construction. Accommodates 3875B thru-transom thru-hull connector (screw holes must be drilled for installation.) Diameter: 2-7/8". Use as a replacement valve for 3881 Thru-Transom Scupper.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Valve | 3876-1 | * | 3876-3 | * |



Thru-Transom with Scupper

The rubber flapper opens to drain water out and closes to prevent backwash. Acetal construction. For 1-1/2" I.D. hose.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Plastic Thru-Hull Connectors are designed for installation above the water line only.

| Description | Dimensions | Max Hull Thickness | Installation Hole Saw Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|------------------------|--------------------|----------------------------|------------------|---------|-----------------------|---------|
| Thru-transom with scupper | 6-1/4" L x 2-7/8" dia. | 3-1/8" | 2" | 3881-1 | * | — | |
| Service Part Kit: Includes outer ring, rubber flapper, four SS screws | | | | 3881Kit-1 | * | — | |



Thru-Hull with Strainer

Thru-hull connector with strainer prevents clogging of the aerator pump. Strainer attaches to threads that extend beyond external retaining nut. Acetal construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Do not use strainer as a thru-hull connector nut replacement.

| Description | Hose Size | Max Hull Thickness | Installation Hole Saw Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|-----------|--------------------|----------------------------|----------------|---------|-----------------------|---------|
| Thru-hull with strainer | 3/4" I.D. | 1-7/16" | 1-1/16" to 1-1/8" | 3886-1 | * | 3886-3 | * |



Mesh Strainer/ Drain Filter

Durable strainers to prevent debris from clogging baitwell drains and aerator pumps. Two types of construction: formed stainless steel wire mesh molded into black PVC plastic base or acetal plastic.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Aerator pump must be secured with aerator attachment nut prior to installing strainer.

| Description | Thread | Application | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|--|----------------|---------|-----------------------|---------|
| Stainless Steel mesh | 7/8"- 9 UNC2-B | Fits 3877-1 thru-hull | 11524-1 | * | 11524-3 | * |
| | 3/4"-14 NPSM | Fits 3/4" aerator inlet and 3886-1 thru-hull | 4232-1 | * | 4232-7 | * |
| Molded plastic | 3/4"-14 NPSM | Fits aerator inlet and 3886-1 thru-hull | 3885-1 | * | 3885-3 | * |



Cockpit Drains

For use with 1-1/2" I.D. hose as part of a self-bailing cockpit system. Features short stem and narrow flange for installing through cockpits. Polypropylene construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Stem Length | Max Hull Thickness | Flange Diameter | Installation Hole Saw Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|-------------|--------------------|-----------------|----------------------------|----------------|---------|-----------------------|---------|
| Drain | 3-3/4" | 1-1/2" | 2-1/8" | 1-7/8" | 3875C1 | * | — | |
| Drain with screen | 4-3/32" | 1-7/32" | 2-1/8" | 1-7/8" | 3882-1 | * | — | |



Drain Fittings

These drain fittings can be used with a hose connector to create a drain. Use 3888 with 3899 or 3890 threaded/hose-to-barb connector. Use 3889 with 3891 threaded/hose-to-barb connector. Acetal construction.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | Max Hull Thickness | Installation Hole Saw Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|------------|--------------------|----------------------------|----------------|---------|-----------------------|---------|
| 3/4" diameter | 1-1/2" | 1-1/8" | 1-1/16" to 1-1/8" | 3888-1 | * | — | |
| 1-1/8" diameter | 1-1/2" | 1-1/16" | 1-7/16" to 1-1/2" | 3889-1 | * | — | |



Drain Cover

Polished stainless steel drain cover can be used for floor drains, vents, or hidden horn openings. Four holes for #6 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|----------------|---------|-----------------------|---------|
| Stainless Steel, 3-1/4" dia. | 66308-1 | * | 66308-3 | * |



Drain Plug and Receiver Kit

Molded black plastic with threaded receiver. Molded retaining strap. Includes attaching screws and elastomeric gasket for a watertight fit.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|----------------|---------|-----------------------|---------|
| 3/4" dia. one piece plug | 17209-1 | * | 17211-3 | * |



Garboard Drain Plugs

Provides bilge drainage when hauling out. Nut removes with wrench or pliers. Machined, tapered pipe threads ensure watertight plug fit. 3/8" neck depth. Three countersunk holes for #8 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Construction | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------------|----------------|---------|-----------------------|---------|
| 1/2" NPT drain | Cast bronze | 7555-1 | * | 7555-3 | * |
| Replacement plugs, Pair | Brass | 9842-1 | * | 9842-3 | * |
| Replacement plugs, 24 Pair | Brass | — | | 9842PD1 | * |
| Replacement plugs, 12 Pair (Saltwater Use) | Stainless Steel | — | | 9844PD2 | |



Stainless Steel Garboard Drain Plugs

Threaded removable plug. Retention system keeps plug from getting lost. Large 7/8" (27mm) hole for servicing stern drives. High polished #316 stainless steel reduces corrosion.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Construction | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|-----------------------------|----------------|---------|-----------------------|---------|
| 7/8" diameter | Stainless Steel | 7557-1 | * | 7557-7 | * |
| 7/8" diameter | Stainless Steel with Gasket | 7557G1 | * | — | |



T-Handle Drain Plugs

For 1" diameter drains. A clockwise turn of the T-handle expands the plug to lock in place; turn counterclockwise to release. Available in brass or stainless steel, with or without chain.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| BRASS HANDLE | | | | |
| Without chain | 7526A1 | * | 7526A7 | * |
| 100 units (w/o chain) in battery box display One UPC sheet for use with all 100 units | — | — | 7526D1 | * |
| 12 units (w/o chain) in PDQ display carton | 7526D2 | * | 7526D2 | * |
| BRASS PLATED HANDLE | | | | |
| Without chain | — | — | 11592-3 | * |
| STAINLESS STEEL HANDLE | | | | |
| Without chain | — | — | 7518A3 | * |
| 12 units (w/o chain) in PDQ display carton | 7518PD2 | — | 7518PD2 | — |



Snap-Handle Drain Plugs

Snap-handle drain plugs for 1" diameter drains. A clockwise turn of the handle tightens the plug in its tube, and the handle flips down to lock. Available in brass or stainless steel, with or without chain.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| BRASS HANDLE | | | | |
| Without chain | 7524A1 | * | 7524A7 | * |
| With 5" chain | 7524B1 | * | — | — |
| 75 units (w/o chain), battery box display, one UPC sheet for use with all 75 units | — | — | 7524D1 | * |
| 12 units (w/o chain) in PDQ display carton | 7524PD2 | * | 7524PD2 | * |
| BRASS PLATED HANDLE | | | | |
| Without chain | — | — | 11591-3 | * |
| 24 units (w/o chain) in PDQ display carton | — | — | 11586-4 | * |
| STAINLESS STEEL HANDLE | | | | |
| Without chain | 7520A1 | — | 7520A3 | — |
| 24 units (w/o chain) in PDQ display carton | — | — | 7520PD1 | — |



Livewell/Bailer Drain Plugs

Cam-action neoprene plugs snap shut to form stopper for livewells / baitwells. Clockwise turn of the handle tightens plug, lever flips down to lock. Ideal for livewell drains. Brass snaps and plates. **Note:** Not for use with chemicals or fuels.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| For 7/16" I.D. thru-hull | — | — | 7532A3 | * |
| For 1/2" I.D. thru-hull | 7533A1 | * | 7533A7 | * |
| 12 units for 1/2" thru-hull in PDQ display carton | 7533PD2 | * | 7533PD2 | * |
| For 5/8" I.D. thru-hull | 7534A1 | * | 7534A3 | * |
| For 7/8" I.D. thru-hull | — | — | — | — |



Drain Tubes

Drain tubes for 1" diameter drain plugs. Use aluminum drain tubes with aluminum-handle drain plugs; use brass tubes with brass-handle plugs and stainless steel plug handles. Tubes have .032" wall thickness.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|--------|----------------|---------|-----------------------|---------|
| Brass Drain Tube | 1-7/8" | 7566AR1 | * | — | — |
| | 2-3/8" | 7566BG1 | * | — | — |
| | 3" | 11446-1 | * | — | — |

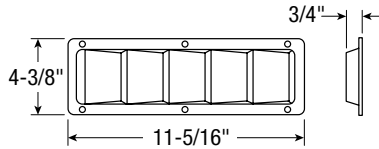


VENTS & COLLECTOR BOXES

Allwood hull-mounted vents are designed to install by fastening as a complete unit from either inside or outside the hull. Ventilation hose (not included) twists into the bottom of the box to form a raised water barrier. Plastic vents are corrosion-resistant and will not discolor. All collector boxes and vents are designed for intake or exhaust and meet ABYC H-2 cross sectional area requirements.

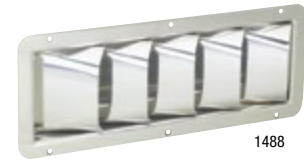
Stainless Steel Louvered Vent

All-welded #304 Stainless Steel construction with polished finish. Install with #8 fasteners. Requires collector box 1487A for 3" system, or 1487B for 4" system.



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| For use with Collector Box(es) | Dimensions | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|------------------|----------------|---------|-----------------------|---------|
| 1487A, 1487B | 3-1/4" x 10-3/8" | 1488-1 | * | 1488-5 | * |



Collector Boxes

Collector boxes for use with 1488 stainless steel vent. Available with cut-out for two 3" I.D. wire-supported hoses or one 4" I.D. wire-supported hose. Corrosion-resistant plastic.

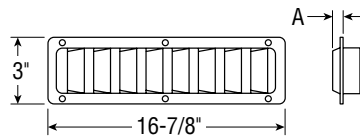
* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Depth | Installation Hole Saw Size | For Use with Vent(s) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|---------|----------------------------|----------------------|----------------|---------|-----------------------|---------|
| For two 3" I.D. hoses | 5-9/16" | 3-5/8" x 10-3/4" | 1488 | 1487A1 | * | — | — |



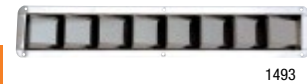
Narrow Stainless Steel Louvered Vents

Suitable for installation on any flat or most contoured hulls. Constructed of all-welded #304 Stainless Steel with a polished finish. Vents for use with 3" I.D. ventilation systems, and require a 1343 collector box. Install with #6 fasteners.



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| For use with Collector Box | A Depth | Open Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|---------|---------------------|----------------|---------|-----------------------|---------|
| 1343 | 9/16" | 2-1/16" x 15-15/16" | 1493-1 | * | 1493-5 | * |
| 1343 | 1/16" | 2-1/16" x 15-15/16" | 1499-1 | * | 1499-5 | * |



Collector Box

For use with narrow stainless steel vents (1493 or 1499), with two 3" I.D. wire-supported ventilation hoses. Corrosion-resistant plastic.

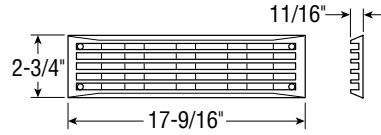
* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Depth | Installation Hole Saw Size | For Use with Vent(s) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|---------|----------------------------|----------------------|----------------|---------|-----------------------|---------|
| For two 3" I.D. hoses | 4-1/16" | 2-7/16" x 16-3/16" | 1493, 1499 | 1343-1 | * | — | — |



Venturi Vents

Clean, contemporary, louver design. Corrosion-resistant, paintable ABS plastic. For 3" or 4" I.D. ventilation system. Requires 1341 collector box for 3" system, or 1342 for 4" system. Install with #8 fasteners. Sized for installation even on highly-contoured decks.

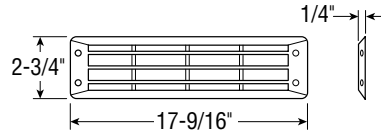


| For use with Collector Box | Description | Open Hole Size | Bulk Packaging | Aftermarket Packaging |
|----------------------------|-------------|----------------|----------------|-----------------------|
| 1341, 1342 | Black | 2" x 15-3/8" | 1494A1 | 1494A5 |
| | White | 2" x 15-3/8" | 1494F1 | — |



Flush Louvered Vents

Canted louvers deflect rain and spray and help conceal the collector box. Installs flush to hull. Drain slots to prevent water accumulation. Black vent is ABS plastic, white vent is ASA plastic. Both are paintable. Install with #8 fasteners. Requires 1341 collector box for 3" system, or 1342 for 4" system.



| For use with Collector Box | Description | Open Hole Size | Bulk Packaging | Aftermarket Packaging |
|----------------------------|-------------|----------------|----------------|-----------------------|
| 1341, 1342 | Chrome | 2" x 15-1/4" | 1426-1 | 1426-5 |
| | Black | 2" x 15-1/4" | 1423-1 | 1423-5 |
| | White | 2" x 15-1/4" | 1425-1 | 1425-5 |



Collector Boxes

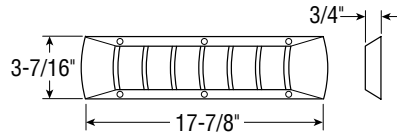
For use with Venturi, Flush Louvered or Trimline Vents. Corrosion-resistant plastic.
 * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Depth | Installation Hole Saw Size | For Use with Vent(s) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|--------|----------------------------|-------------------------------------|----------------|---------|-----------------------|---------|
| For two 3" I.D. hoses | 3-7/8" | 2-1/16" x 15-9/16" | 1494, 1423, 1424, 1425, 1426, 1496A | 1341-1 | * | — | — |
| For one 4" I.D. hose | 5" | 2-1/8" x 15-5/8" | 1494, 1423, 1424, 1496A | 1342-1 | * | — | — |



Plastic Louvered Vents

Constructed of paintable, corrosion-resistant ABS plastic with no sharp edges. For 3" I.D. ventilation system with 1345 collector box. Install with #8 fasteners.



| For use with Collector Box | Description | Open Hole Size | Bulk Packaging | Aftermarket Packaging |
|----------------------------|---------------|----------------|----------------|-----------------------|
| 1345 | Chrome Plated | 2-1/4" x 16" | 1495B1 | 1495B5 |
| | Black | 2-1/4" x 16" | 1495A1 | — |
| | Off-White | 2-1/4" x 16" | 1495-1 | — |



Collector Box

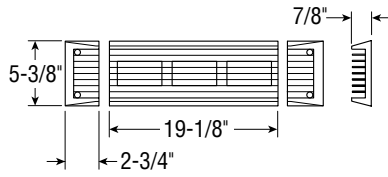
For use with plastic louvered vent, with two 3" I.D. wire-supported ventilation hoses. Box fastens to vent with screws or pop rivets, then vent fastens to the deck. Corrosion-resistant plastic.
 * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Depth | Installation Hole Saw Size | For Use with Vent(s) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|-------|----------------------------|----------------------|----------------|---------|-----------------------|---------|
| For two 3" I.D. hoses | 4" | 2-7/16" x 16-1/4" | 1495 | 1345-1 | * | — | — |



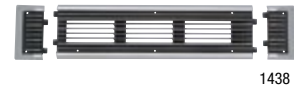
Modular Vents

Modular construction to accommodate any ventilation opening size by interlocking two or more center sections. End sections interlock to the center section for a finished appearance. For 4" I.D. ventilation systems using one or more 1348 collector boxes. End sections have two holes for #8 fasteners.



* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Open Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|--------|------------------|----------------|---------|-----------------------|---------|
| Center Sections | Chrome | 2-1/2" x 17-3/4" | 1438-1 | * | — | — |
| | White | 2-1/2" x 17-3/4" | 1438F1 | — | — | — |
| End Sections | Chrome | 2-1/2" x 17-3/4" | 1439-1 | — | — | — |
| | White | 2-1/2" x 17-3/4" | 1439F1 | — | — | — |



Collector Box

For use with modular vents, with 4" I.D. wire-supported ventilation hose. Corrosion-resistant plastic.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Depth | Installation Hole Saw Size | For Use with Vent(s) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|-------|----------------------------|----------------------|----------------|---------|-----------------------|---------|
| For two 4" I.D. hoses | 5" | 2-3/4" x 18" | 1438, 1439 | 1348-1 | * | — | — |



Cowl Ventilator

For use with 3" I.D. wire-supported ventilation hose. Flexible hose flange is screwed onto hose, then vent snaps onto the flange. Vent constructed of chrome-plated zinc. Flange is non-corrosive plastic. Installs with #8 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|------------------------|----------------|---------|-----------------------|---------|
| 5-5/16" W x 6" L x 2-1/4" H (neck extends 1" below deck) | 3-1/4" x 3-1/2" | 1364A1 | * | 1364A3 | * |



Twist-On Hose Flange

For use with 3" I.D. wire-supported ventilation hose. Hose installs from topside by turning the flange into the hose spiral, passing the hose through the deck hole, then mounting ventilator. No hose clamps needed. Corrosion-resistant plastic. Four holes for required #10 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|------------------------|----------------|---------|-----------------------|---------|
| Twist-On Hose Flange, Black | 3.5" | 1405-1 | * | 1405-3 | * |



Storage Vent

Use to vent lockers and storage areas. Provides over six square inches of ventilation opening. Will not accept a ventilation hose. Corrosion-resistant plastic. Two holes for required #6 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Height | Neck | Flange Dia. | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|---------|------|-------------|------------------------|----------------|---------|-----------------------|---------|
| Black | 1-1/16" | 5/8" | 3-3/16" | 3-1/16" to 3-1/8" | 1353-1 | * | — | — |



Clamshell Vent

Provides a seal and splash protection for vent holes, wire and hose openings. Sizes to fit most common applications. Durable 300 series stainless steel construction. Three holes for required #6 fasteners.

Specifications

| Vent Width | Size | Max Hole Size | Hose/Wire Max Size | Fasteners Size |
|------------|--------------------|---------------|--------------------|----------------|
| 1-3/16" | 1-9/16" L x 1/2" H | 1" | 7/16" | #6 |
| 2-3/16" | 2-1/4" L x 9/16" H | 1-1/2" | 9/16" | #6 |

| Description | Dimensions | Bulk Packaging | Aftermarket Packaging |
|-----------------|------------|----------------|-----------------------|
| Stainless Steel | 1-3/16" | 66399-1 | 66399-3 |
| | 2-3/16" | 66400-1 | 66400-3 |





| | |
|--|-------|
| CATEGORY OVERVIEW | 30-32 |
| SIDELIGHTS | 33-42 |
| ALL-ROUND LIGHT OVERVIEW | 43 |
| ALL-ROUND PLUG-IN LIGHTS | 44-48 |
| PLUG-IN LIGHT BASES | 49-51 |
| ALL-ROUND FOLD-DOWN LIGHTS | 52-53 |
| ALL-ROUND FIXED LIGHTS | 54 |
| ANCHOR/MASTHEAD LIGHTS | 55 |
| TRANSOM LIGHTS | 56 |
| BATTERY OPERATED LIGHTS | 57 |
| DOCKING LIGHTS | 58 |
| UNDERWATER LIGHTS | 59-61 |
| UTILITY LIGHTS | 62-63 |
| LIGHTING ACCESSORIES & REPLACEMENTS | 64-66 |



LIGHTING THE WAY

Types of Navigation Lights

This section is divided into four basic types of navigation lights, differentiated by lens color, beam angle (horizontal cut-off angle), and location on the boat. All lights are for 12-volt DC applications only. Styles may vary, but the color, cut-off angle, and location must always comply with the following standards:

Sidelights



Color: Red (port) and/or Green (starboard).

Cut-off: From dead ahead to 112.5° aft on either side of center line (225° total horiz. arc).

Mounting: As far fore as possible.

All-Round Lights



For boats less than 12 meters (39.4 feet). The white all-round light may be used in lieu of a masthead or transom light.

Color: White.

Cut-off: Unbroken arc of 360° on the horizon.

Mounting: As near to the fore and aft centerline as possible.

Anchor/Masthead Lights



Color: White.

Cut-off: Unbroken arc from dead ahead to 112.5° aft on either side of center line (225° total horizontal arc), plus 135° dead astern.

Mounting: Placed over the fore and aft centerline.

Transom Lights



Color: White.

Cut-off: Unbroken horizontal arc of 67.5° each side dead astern (135° total horizontal arc).

Mounting: As far aft as possible.

Certifications, Codes, and Standards

This section provides you with some general information on the selection and installation of navigation lights for pleasure boats of 20 meters (65.6 feet) or less. For details refer to: ABYC A-16, 72 COLREGS, Inland Navigation Rules, U.S. Code of Federal Regulations Title 33 Part IP, or international regulations. The following Attwood navigation lights are NMMA listed and meet 72 COLREGS as noted.



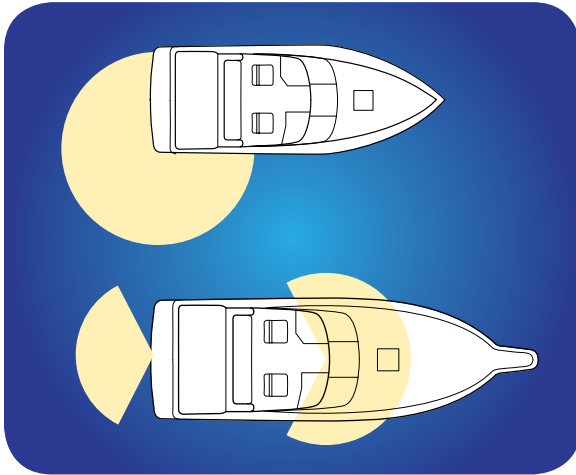
This symbol indicates Attwood navigation lighting products that have been certified according to the latest U.S. Coast Guard regulations.

| Model No. | NMMA No. | Meets 72 COLREGS | Meets ISO 19009:2015 |
|---------------------|----------|------------------|----------------------|
| 3900 Series | 91508 | YES | NO |
| 5100 Series | 91511 | YES | NO |
| 5300 Series | 91512 | YES | NO |
| 5600 Series | 2528266 | YES | NO |
| 5900 Series | 91518 | YES | NO |
| 5940 Series | 91515 | YES | NO |
| 6356D | 91420 | YES | NO |
| 66382 | 91425 | YES | NO |
| 7100 Series | 91520 | YES | NO |
| 7200 Series | 2456711 | YES | NO |
| 7400 Series | 2456711 | YES | NO |
| LED Lights | | | |
| 2500 Series | 2515284 | YES | NO |
| NV1002 SERIES (2NM) | 2593399 | YES | YES |
| NV1001 SERIES (1NM) | 2597456 | YES | YES |
| NV1012 SERIES (2NM) | 2593400 | YES | YES |
| NV1011 SERIES (1NM) | 2597457 | YES | YES |
| NV2002 SERIES (2NM) | 2593401 | YES | YES |
| NV2001 SERIES (1NM) | 2597458 | YES | YES |
| NV2012 SERIES (2NM) | 2593402 | YES | YES |
| NV2011 SERIES (1NM) | 2597459 | YES | YES |
| NV3012 SERIES (2NM) | 2593409 | YES | YES |
| NV3011 SERIES (1NM) | 2597462 | YES | YES |
| NV4012 SERIES (2NM) | 2593410 | YES | YES |
| NV4011 SERIES (1NM) | 2597463 | YES | YES |
| NV5012 SERIES (2NM) | 2593411 | YES | YES |
| NV5011 SERIES (1NM) | 2597464 | YES | YES |
| NV0002P (2NM) | 2593407 | YES | YES |
| NV0001P (1NM) | 2597460 | YES | YES |
| NV0002S (2NM) | 2593408 | YES | YES |
| NV0001S (1NM) | 2597461 | YES | YES |
| NV6LC1 SERIES (2NM) | 2593403 | YES | YES |
| NV6LC2 SERIES (2NM) | 2593404 | YES | YES |
| NV6SP1 SERIES (2NM) | 2593405 | YES | YES |
| NV6SP2 SERIES (2NM) | 2593406 | YES | YES |
| 5530 Series | 2459732 | YES | NO |
| 5540 Series | 2459733 | YES | NO |
| 5550 Series | 2459733 | YES | NO |
| 5580 Series | 2501760 | YES | NO |
| 7800 Series | 2459859 | YES | NO |
| 6556 Series | 2459860 | YES | NO |



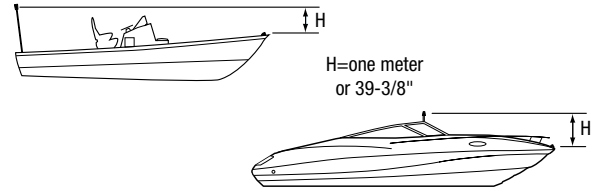
Boats at Anchor

When anchored in other than designated areas, any boat under 50 meters (164 ft.) must have a 360° white light in view (a single all-round light, a masthead and transom light, or other means).

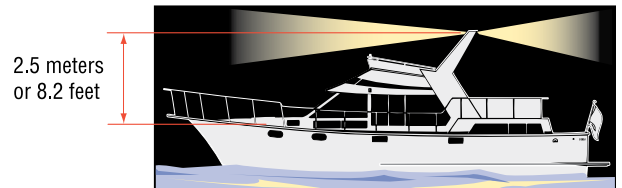


Vertical Separation of Lights

Pole length and location determines light separation. On boats under 12 meters (39.4 feet), the all-round or masthead light must be located a minimum of one meter (39-3/8 inches) above the red-green sidelights. One meter must be the height separation measured from bulb filament centers.

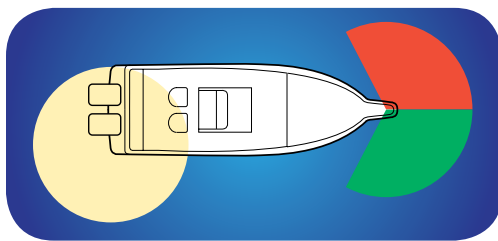


On boats of 12 to 20 meters (39.4 to 65.6 feet), the masthead light must be at least 2.5 meters (8.2 feet) above the gunwale.



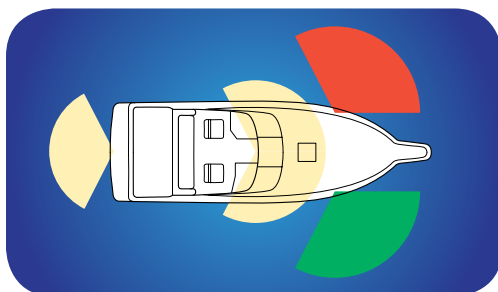
Boats Underway

This section outlines the navigation lighting required according to current U.S. Coast Guard and 72 COLREGS (International Waters) regulations. When underway, the required navigation lights are:



Power-driven boats less than 12 meters (39.4 feet) with max. speed over 7 knots:

- Sidelight pair or combined—1 mile
- All-Round Light—2 mile or Masthead Light—2 mile with Transom Light—2 mile.

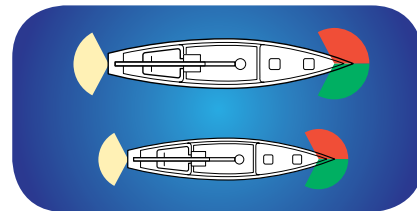


Power-driven boats 12 to 20 meters (39.4 to 65.6 feet):

- Sidelight pair or combined—2 mile
- Masthead Light—3 mile and Transom Light—2 mile.
- All-Round Light may not be used.

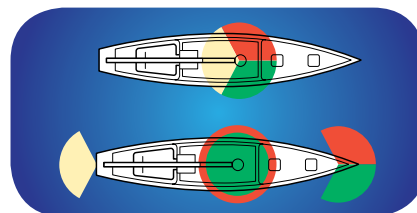
Sailboats Under Motor Power:

When under power, sailboats are considered power boats and must operate with power boat lights as previously outlined.



Sailboats less than 7 meters (23 feet) under sail:

- Sidelight pair or combined—1 mile
- Transom Light—2 mile
- Flashlight or lighted lantern.



Sailboats 7 to 20 meters (23 to 65.6 feet) under sail:

Three different light configurations may be acceptable:

1. Sidelights & Transom Light.
2. A Sidelight & Transom Light combined in one light (a Tri-Color Light) mounted at or near top of mast.
3. Sidelights & Transom Light, or two All-Round Lights, mounted at or near the top of the mast, the upper light being red and the lower green.

Small, Oar-Driven Boats:

- Sidelight pair or combined—1 mile
- Transom Light—2 mile
- Flashlight or lighted lantern.
- Various other light requirements are outlined in the standards regarding towing, vessels aground, and other special conditions.
- Consult the Inland Navigation Rules, 72 COLREGS, or USCG for details.

WHY ATTWOOD LED?

A New Level of Efficiency

Through the use of proprietary optical design techniques, we've optimized our lens design to harness nearly 90% of all light being generated by the LED. In doing so, our line of LED series navigational lights exceed U.S. Coast Guard requirements with the fewest and lowest watt LEDs of any navigational light manufactured today. Less energy used by navigational lighting means more energy available for powering your boat and enjoying time on the water.

Engineered to Last

As the emerging leader in marine lighting design, Attwood understands the demands of the marine environment. Completely sealed LED units resist water intrusion, electrostatic discharge (during assembly), vibration and ultraviolet light (UV) radiation. Reverse polarity protection has been added to eliminate potential mis-wiring damage during installation. Our LED navigational lighting also features high-quality, electro-polished stainless steel covers designed to resist corrosion in even the most extreme saltwater environments. The result? Style and durability. Most importantly, Attwood lights are built to stand the test of time. Rated for 50,000+ hours of use, you can count on Attwood products to light your way for years to come.

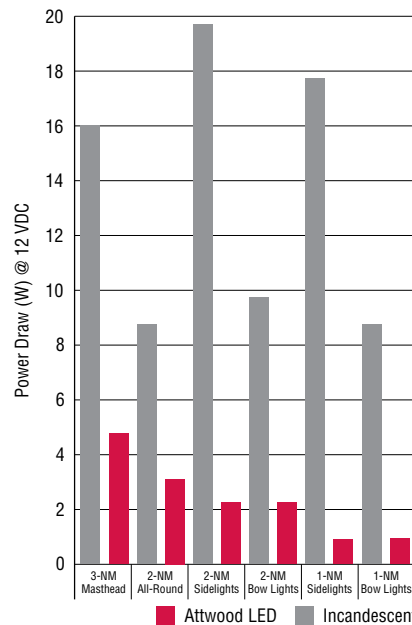
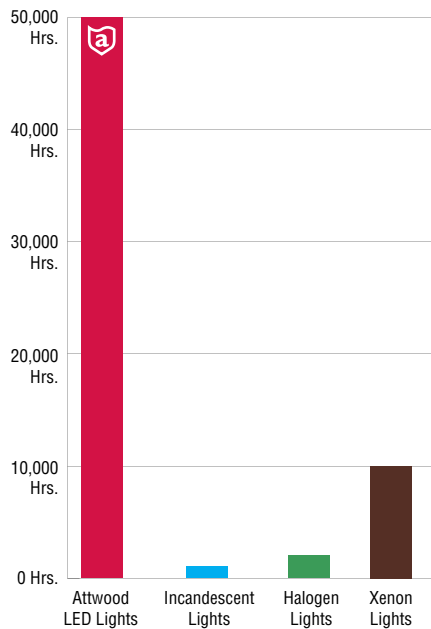


Ready for the Global Market

- EN/ISO 19009:2015
- ABYC A-16
- 1972 COLREGS
- RCD 2013/53/EU
- USG 33 CFR

LED Light Engine

Positioned and sealed inside a lens assembly, the "light engine" serves as the equivalent of an LED (Light Emitting Diode). It can be easily customized to meet the needs of a builder in terms of attachment scheme and overall dimensions.



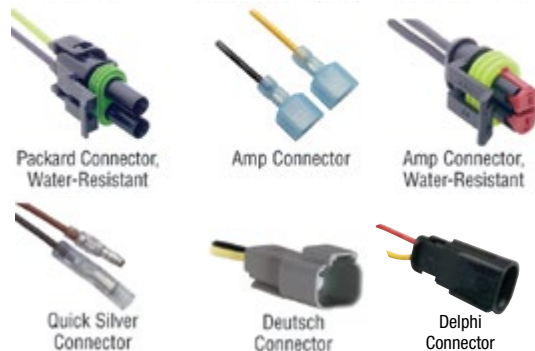
Choice of Electrical Connectors

Attwood lights feature several wire attachment styles to adapt to your boat's wiring harness. Standard wire on all lights are tinned and caulked.

Special connectors are available on special order by contacting your Attwood representative. Minimum order quantity is 250:



Brown – Positive, Black – Negative, Brown & White – Manual Override



SIDELIGHTS

LED LIGHTARMOR™ LED LIGHTS: 1-MILE / 2-MILE

LightArmor Navigation Lights

LightArmor Navigation Lights have all the characteristics that signifies the premium LightArmor brand: top-quality materials, robust construction, durability, and sleek design.
 * ⚠️ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Meets today's global regulatory requirements, including EN/ISO 19009:2015
- Proprietary modular LED light engine technology
- Design flexibility and ease of installation

LED LIGHTARMOR™ Deck Mount Lights

1-Mile Lights For use on boats up to 39.4 ft (12 m) in length. **USCG**

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| STAINLESS STEEL | | | | |
| 1-NM, Oval, Bi-Color | NV1001SS-1 | * | — | |
| 1-NM, Oval, Red/Green, Pair Sidelights | NV1011SS-1 | * | — | |
| 1-NM, Round, Bi-Color | NV2001SS-1 | * | — | |
| 1-NM, Round, Red/Green, Pair Sidelights | NV2011SS-1 | * | — | |
| BLACK COMPOSITE | | | | |
| 1-NM, Oval, Bi-Color | NV1001PB-1 | * | — | |
| 1-NM, Oval, Red/Green, Pair Sidelights | NV1011PB-1 | * | — | |
| 1-NM, Round, Bi-Color | NV2001PB-1 | * | — | |
| 1-NM, Round, Red/Green, Pair Sidelights | NV2011PB-1 | * | — | |

2-Mile Lights For use on boats up to 65.6 ft (20 m) in length. **USCG**

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------------|---------|
| STAINLESS STEEL | | | | |
| 2-NM, Oval, Bi-Color | NV1002SS-1 | * | — | |
| 2-NM, Oval, Red/Green, Pair Sidelights | NV1012SS-1 | * | — | |
| 2-NM, Round, Bi-Color | NV2002SS-1 | * | NV2002SS-7 | * |
| 2-NM, Round, Red/Green, Pair Sidelights | NV2012SS-1 | * | NV2012SSR-7† / NV2012SSG-7† | * |
| BLACK COMPOSITE | | | | |
| 2-NM, Oval, Bi-Color | NV1002PB-1 | * | — | |
| 2-NM, Oval, Red/Green, Pair Sidelights | NV1012PB-1 | * | — | |
| 2-NM, Round, Bi-Color | NV2002PB-1 | * | NV2002PB-7 | * |
| 2-NM, Round, Red/Green, Pair Sidelights | NV2012PB-1 | * | NV2012PBG-7† / NV2012PBR-7† | * |

LED LIGHTARMOR™ Vertical Mount Lights

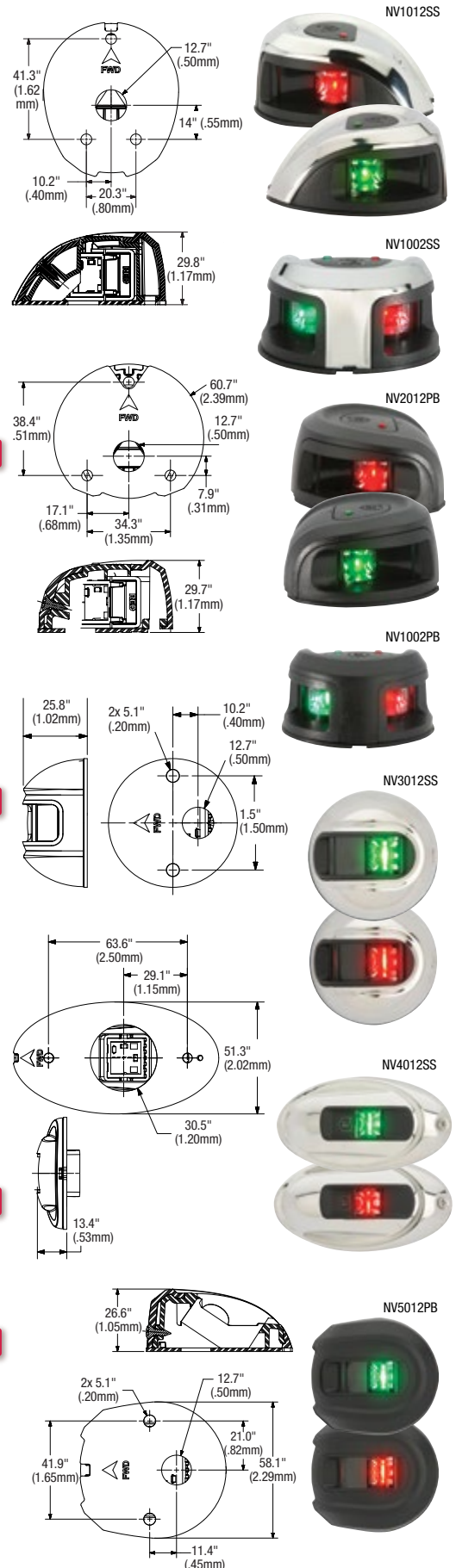
1-Mile Lights For use on boats up to 39.4 ft (12 m) in length. **USCG**

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|----------------|---------|-----------------------|---------|
| STAINLESS STEEL | | | | |
| 1-NM, Round, Red/Green Pair | NV3011SS-1 | * | — | |

2-Mile Lights For use on boats up to 65.6 ft (20 m) in length. **USCG**

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|----------------|---------|-----------------------------|---------|
| STAINLESS STEEL | | | | |
| 2-NM, Red/Green Pair | NV3012SS-1 | * | NV3012SSG-7† / NV3012SSR-7† | * |
| 2-NM, Red/Green Pair | NV4012SS-1 | * | NV4012SSG-7† / NV4012SSR-7† | * |
| 2-NM, Red/Green Pair | NV5012SS-1 | * | — | |
| BLACK COMPOSITE | | | | |
| 2-NM, Red/Green Pair | NV5012PB-1 | * | — | |

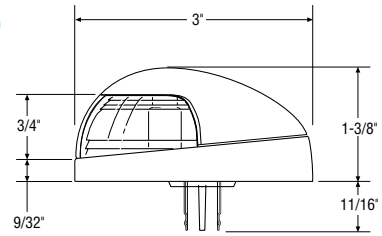
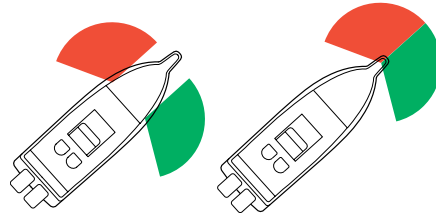
† Red/Green Sidelights packaged separately for aftermarket.



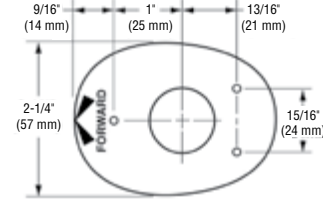
QUASAR 3100 SERIES

2-MILE SIDELIGHTS

Quasar lights are intelligently designed for easier installation, maintenance, and efficient light output. For use on boats up to 65.6 ft. (20 meters).



- Smooth contour prevents lines from snagging on housing
- Available in a variety of finishes
- Lens resin color (red/green) tuned to maximum sensitivity of the human eye for optimum visibility
- Single external stainless steel lock screw attaches cover to base, permits easy disassembly for servicing
- Stainless steel electrical contacts will not corrode
- Attaches directly to deck with concealed #10 fasteners – or to one of the Sidelight Snap-On Bases (3300 Series)
- 1/4-inch stainless steel contacts or 7-inch hard wire leads for connection to 12-volt DC power supply
- Includes 8-watt festoon bulb



Bi-Color Combination, Deck Mount



2-mile, 225° light visibility.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Socket | Aftermarket Packaging | Prop 65 |
|----------------------------|--------------|-----------------------|---------|
| Black | 7" wire lead | 3120-7 | * |
| White | 7" wire lead | 3121-7 | * |
| HIPP / Chrome (Black Base) | 7" wire lead | 3123-7 | * |



3120

Red/Green Pair, Deck Mount

Each light provides 2-mile, 112.5° light visibility. Works well with 1/4-inch Quick-Connect Snap-on Base to speed installation.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



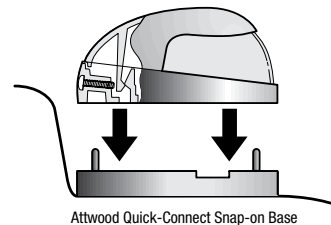
| Description | Socket | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|--------------------|----------------|---------|--------------------------|---------|
| Black | 1/4" quick connect | 3130-1 | * | — | |
| | 7" wire lead | 3150-1 | * | 3150R7† / 3150G7† | * |
| HIPP / Chrome (Black Base) | 1/4" quick connect | 3133-1 | * | — | |
| | 7" wire lead | 3153-1 | * | 3153R7† / 3153G7† | * |



3153G7



3153R7



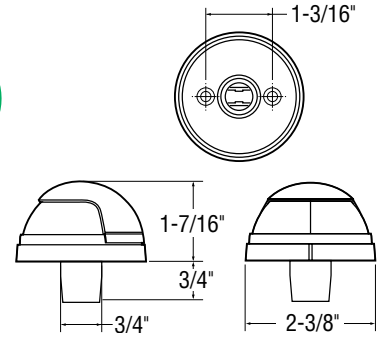
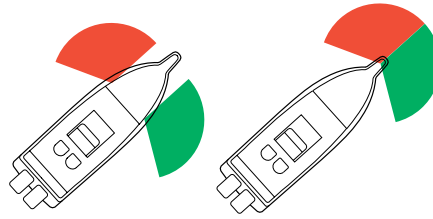
Attwood Quick-Connect Snap-on Base

† Red/Green Sidelights packaged separately for aftermarket.

PULSAR 5040 SERIES

1-MILE SIDELIGHTS

Bayonet lock design secures lens and cover to base. Includes a 9-Watt (#906) wedge base lamp and 7-inch wire leads for connection to 12-volt DC power supply. Installs directly to deck with two #10 fasteners. Cover and lens conceal installation fasteners and seal water out of lamp and hull. For use on boats up to 39.4 ft. (12 meters). 1-mile, 225° light visibility.



Bi-Color Combination, Deck Mount

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

1 NM
USCG

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Black | — | — | 5045-7 | * |



5045

Red/Green Pair, Deck Mount

Each light provides 1-mile, 112.5° light visibility. Includes a 9-Watt (#906) wedge base lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

1 NM
USCG

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|----------------|---------|-----------------------|---------|
| Black | 5040-1 | * | 5040R7† / 5040G7† | * |
| Stainless Steel | 5040SS1 | * | — | — |



5040G



5040R

Red/Green Pair, Raised Base

Ideal for use where light must be elevated for visibility above rails and carpeting. Each light provides 1-mile, 112.5° light visibility. For use on boats up to 39.4 ft. (12 meters). Includes a 9-Watt (#906) wedge base lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

1 NM
USCG

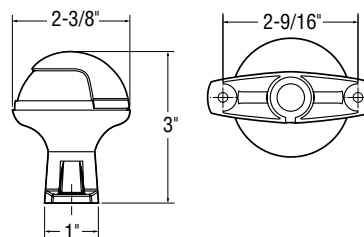
| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Black | — | — | 5080R7† / 5080G7† | * |



5080G



5080R

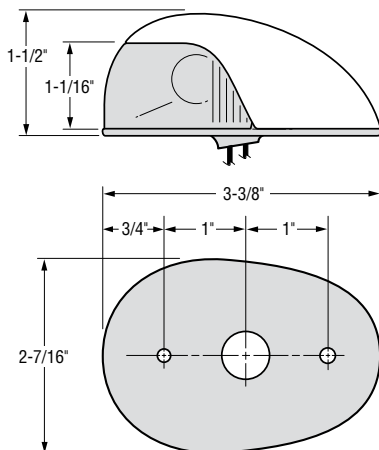
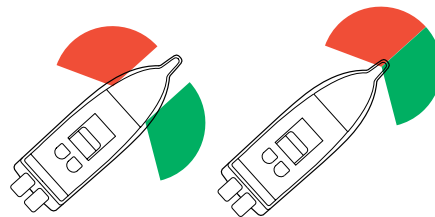


† Red/Green Sidelights packaged separately for aftermarket.

STAINLESS STEEL 3800 SERIES 2-MILE SIDELIGHTS

Attwood's 2-Mile Stainless Steel Sidelights are made with a rugged 316 stainless steel cover for outstanding resistance to impact and corrosion. For use on boats up to 65.6 ft. (20 meters).

- Smooth contour prevent lines from snagging on housing
- A single external stainless steel lock screw attaches cover to base, permits easy disassembly for servicing
- Stainless steel electrical contacts will not corrode
- Cover design and integral gasket seal out water and make installation and maintenance simple
- Includes efficient, high-output 10-watt bayonet lamp
- Tinned 7-inch wire leads make it easier to make a permanent, corrosion-resistant connection



Bi-Color Combination, Deck Mount

2-mile, 225° light visibility.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

2 NM
USCG

| Description | Rated Voltage | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|---------------|----------------|---------|-----------------------|---------|
| Stainless Steel | 12-volts | 3810-1 | * | 3810-7 | * |



3810

Red/Green Pair, Deck Mount

Each light provides 2-mile, 112.5° light visibility.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

2 NM
USCG

| Description | Rated Voltage | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|---------------|----------------|---------|------------------------|---------|
| Stainless Steel | 12-volts | 3820-1 | * | 3820R† / 3820G† | * |



3820G

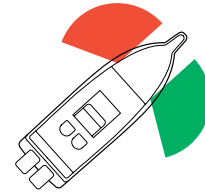


3820R

† Red/Green Sidelights packaged separately for aftermarket.



VERTICAL MOUNT 3800 SERIES 2-MILE SIDELIGHTS



Visibility, Style, and Durability

- Clean, contoured shape blends into hull making the light less noticeable and providing an integrated look with the boat
- Choice of cover colors includes: black, white, or 316 stainless steel
- Rugged stainless steel internal components for corrosion-free performance
- 2-mile output for boats to 20 meters (65.6 ft.)
- Tinned 7-inch wire leads make a permanent, corrosion-resistant connection

Contoured Styling

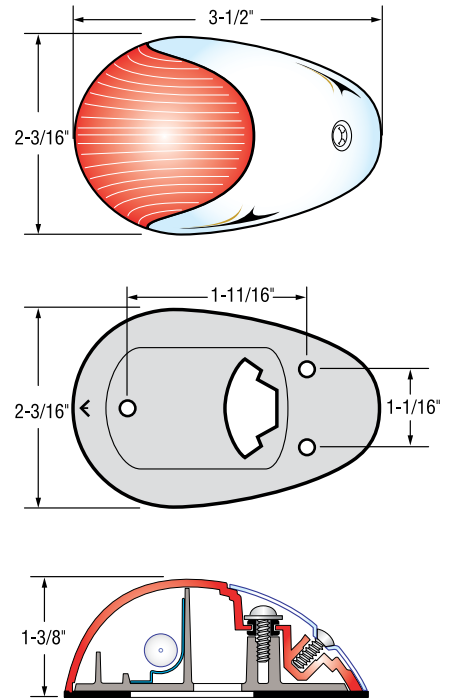
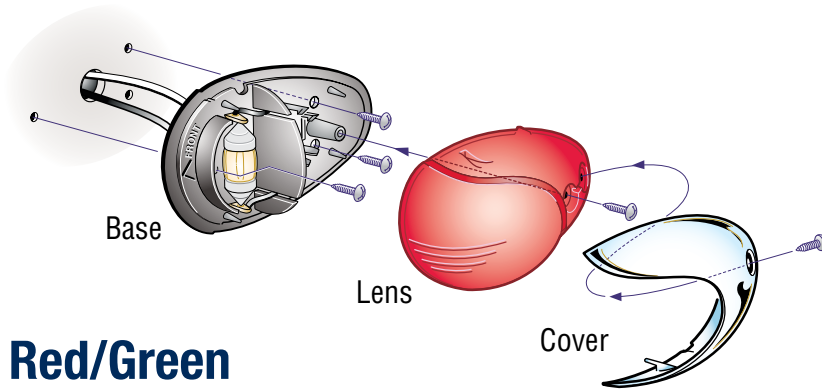
Matches the 3800 Series 2-Mile Horizontal Mount Sidelights. Provides builders with a family styling for navigation lights between different model offerings.

Durable Construction

The one-piece lens and full-perimeter gasket design make the light virtually waterproof when properly installed. Durable plastic or stainless steel helmet provides rugged protection to the lens and lamp. Internal electrical contacts are stainless steel, so corrosion is not a problem—even in saltwater.

Simple Installation, Small Footprint

Just remove one screw to detach the helmet, and install the base directly to vertical surfaces. Small size makes it simple to install in confined areas. Typical Installation requires: (3) #10 stainless steel screws of length suitable for deck material.



Red/Green Sidelights, Pair

Each light provides 2-mile, 112.5° light visibility.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Rated Voltage | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|---------------|----------------|---------|--------------------------|---------|
| Black Plastic | 12-volts | 3830-1 | * | — | |
| White Plastic | 12-volts | 3834-1 | * | — | |
| Stainless Steel | 12-volts | 3838-1 | * | 3838R7† / 3838G7† | * |



3830-1
(12) red, (12) green in pack



3838R7 / 3838G7



3834-1
(12) red, (12) green in pack

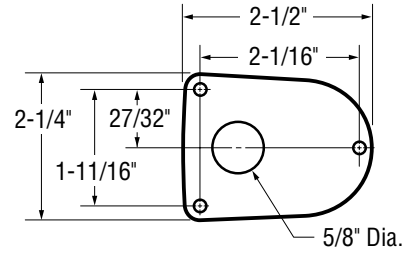
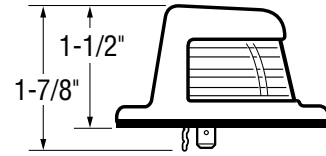
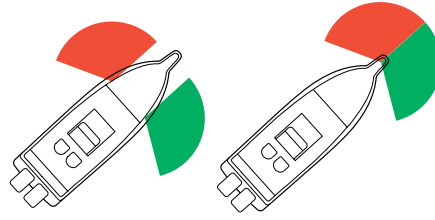
† Red/Green Sidelights packaged separately for aftermarket.

STAINLESS STEEL

66000 SERIES

1-MILE SIDELIGHTS

Constructed of corrosion-resistant 304 stainless steel, these lights provide 1-mile visibility for power boats up to 39.4 ft. (12 meters). Lights include rubber gasket lens seal for enhanced internal corrosion resistance. Includes one 7.5-watt lamp. For connection to 12-volt DC power supply.



Bi-Color Combination, Deck Mount

Installs with three #6 mounting fasteners (not included). Provides 1-mile, 225° light visibility.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



1 NM
USCG

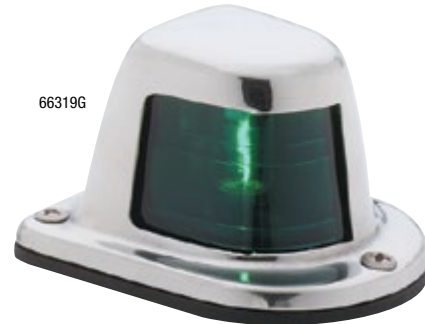
| Description | Bulk Packaging | Aftermarket Packaging | Prop 65 |
|-----------------|----------------|-----------------------|---------|
| Stainless Steel | — | 66318-7 | * |

Red/Green Pair, Deck Mount

Installs with three #6 mounting fasteners (not included).

Each light provides 1-mile, 112.5° light visibility.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



1 NM
USCG

| Description | Socket | Bulk Packaging | Aftermarket Packaging | Prop 65 |
|-----------------|--------------|----------------|-----------------------|---------|
| Stainless Steel | 7" wire lead | — | 66319R† / 66319G† | * |

† Red/Green Sidelights packaged separately for aftermarket.

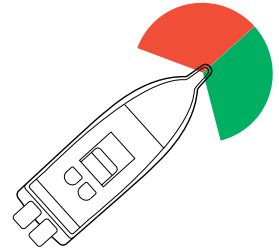


ZAMAK

6300 SERIES

1-MILE SIDELIGHTS

These die-cast ZAMAK sidelights with Perma-Plate® finish provide 1-mile visibility for power boats up to 39.4 ft. (12 meters). Mounts on decks or gunwales with external screws. Includes 7.5-watt lamp and 7-inch hard wire leads for 12-volt DC electrical connection.



Bi-Color Combination, Deck Mount

Housing completely encases socket. Installs with two #8 fasteners (not included). Provides 1-mile, 225° light visibility.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



6375D6

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|----------------|---------|-----------------------|---------|
| Chrome-Plated ZAMAK | — | | 6375D6 | * |

POLE-MOUNTED PLUG-IN SIDELIGHTS

LED LIGHTARMOR™ Bi-Color Navigation Pole Lights

LightArmor Stowaway Pole Lights have all the characteristics that signifies the premium LightArmor brand: top-quality materials, robust construction, durability, and sleek design. Available with task light option.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Meets today's global regulatory requirements, including EN/ISO 19009:2015
- Proprietary modular LED light engine technology
- 2-mile visibility
- Design flexibility and ease of installation

NOTE: locking collar design is compatible only with LightArmor Plug-In Bases

LightArmor Bi-Color Pole Lights

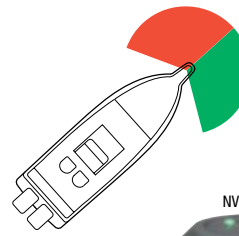
| Series | Use with Light Base |
|----------------|--|
| NV6LC1, NV6SP1 | 910R2, 901V2, 910T2, 2520*, 911339*, 911370* |

LightArmor Bi-Color Pole Lights with Task Light

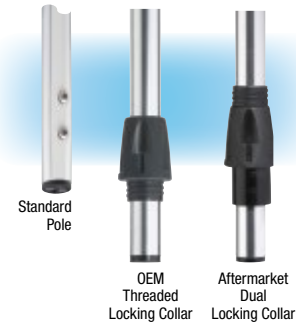
| Series | Use with Light Base |
|----------------|----------------------------|
| NV6LC2, NV6SP2 | 910R3, 901V3, 910T3, 2530* |

* When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|--------------|----------------|---------|-----------------------|---------|
| 2-Pin, Locking Collar Pole | 10" Straight | NV6LC1-10-1 | * | — | |
| | 12" Straight | NV6LC1-12-1 | * | — | |
| | 14" Straight | NV6LC1-14-1 | * | NV6LC1-14-7 | * |
| | 16" Straight | NV6LC1-16-1 | * | — | |
| | 10" Angled | — | — | NV6LC1-10A7 | * |
| | 14" Angled | — | — | NV6LC1-14A7 | * |
| 2-Pin, Standard Pole | 10" Straight | NV6SP1-10-1 | * | — | |
| | 12" Straight | NV6SP1-12-1 | * | — | |
| | 14" Straight | NV6SP1-14-1 | * | — | |
| | 16" Straight | NV6SP1-16-1 | * | — | |
| 3-Pin, Locking with Task | 10" Straight | NV6LC2-10-1 | * | NV6LC2-10-7 | * |
| | 14" Straight | NV6LC2-14-1 | * | NV6LC2-14-7 | * |
| 3-Pin, Standard with Task | 10" Straight | NV6SP2-10-1 | * | — | |
| | 14" Straight | NV6SP2-14-1 | * | — | |



2 NM
USCG



LED LIGHTARMOR™ Bi-Color Fast Action Navigation Lights

Premium LED lights with a flexible, impact-resistant composite pole make these perfect for anglers and hunters to maneuver through low-hanging obstacles. The subtle, glare-free black matte finish complements many of today's boat designs.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- ISO 19009:2015 Certified
- Impact-resistant polycarbonate lens
- Water resistant
- Corrosion/UV resistant
- LED light engines last for 50,000 hours
- 5-year warranty

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin, Locking Collar Pole | 10" | NV6LC1-10BP1 | * | — | |
| | 12" | NV6LC1-12BP1 | * | — | |
| | 14" | NV6LC1-14BP1 | * | NV6LC1-14BP7 | * |
| 3-Pin, Locking Collar Pole | 14" | NV6LC2-14BP1 | * | NV6LC2-14BP7 | * |



PULSAR 5090 SERIES

1-MILE SIDELIGHTS

Attwood offers a variety of durable, stowaway, combination pole-mounted sidelights for bow mounting. Each features an anodized aluminum pole that raises the light head for visibility above trolling motors, anchors, or other equipment on the bow. When not in use, lights can be removed from base and stowed, so they won't interfere with fishing or anchoring.

Bi-Color Stowaway

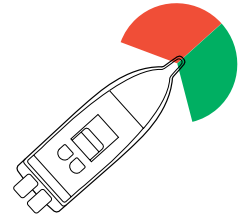
1-mile, 225° light visibility for boats up to 39.4 ft. (12 meters). Includes 9-watt wedge base lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|------------|--|
| 5091, 5092 | 910R2, 901V2, 910T2, 2520‡, 911339*, 911370* |

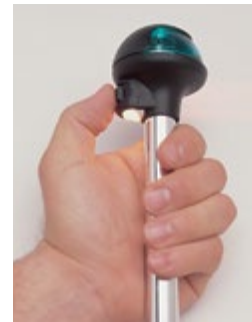
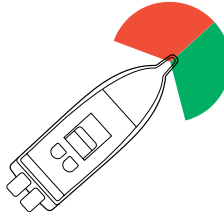
‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | 1 NM USCG | |
|---------------------------|---------------------|----------------|---------|-----------------------|---------|
| | | | | Aftermarket Packaging | Prop 65 |
| 2-Pin Locking-Collar Pole | 10" Straight | 5092-10T1 | * | 5092-10-7 | * |
| | 12" Straight | 5092-12T1 | * | — | |
| | 12" Straight, Black | 5092-12TB1 | * | — | |
| | 14" Straight | 5092-14T1 | * | 5092-14-7 | * |
| | 16" Straight | 5092-16T1 | * | — | |
| | 20" Straight | 5092-20T1 | * | — | |
| 2-Pin Standard Pole | 10" Angled | 5091-10-1 | * | 5091-10-7 | * |
| | 12" Angled | 5091-12-1 | * | — | |
| | 14" Angled | 5091-14-1 | * | 5091-14-7 | * |
| | 19" Angled | 5091-19-1 | * | — | |



Bi-Color Stowaway with Task Light

Based on the same great design of the original Pulsar™ Bi-Color Pole Light, the Task Light also gives you a narrow beam work light. It features a durable rubber “push-on” switch and a micro bulb. Attwood's Task Light output is ten times brighter than competitive models, giving today's fishermen the tools they need for serious nighttime fishing.



Provides one-mile, 225° bi-color (red/green) light visibility for boats up to 39.4 ft. (12 meters). Lamps included: 9-watt wedge-base lamp for navigation and separately-wired 5,000 hour, non-replaceable task light lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|--------|----------------------------|
| 5095 | 910R3, 901V3, 910T3, 2530* |

*When locking collar is removed.

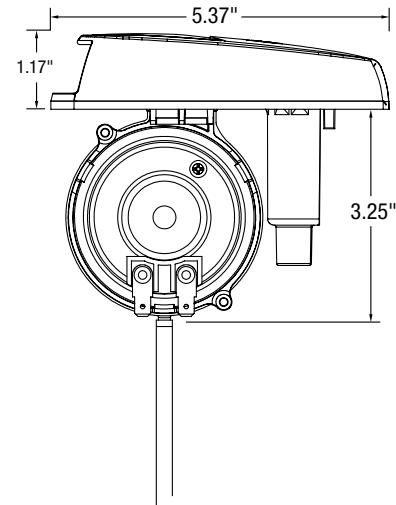
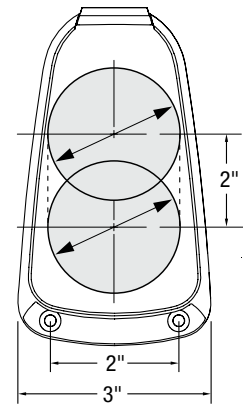
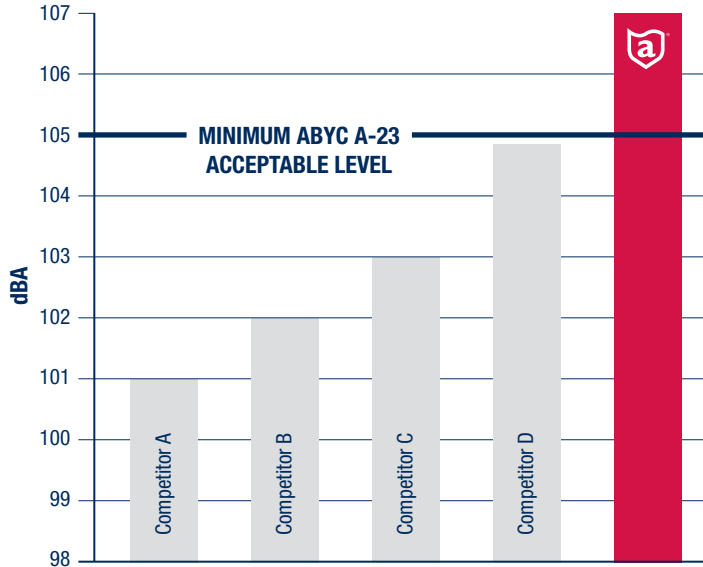
| Description | Pole Length | Bulk Packaging | Prop 65 | 1 NM USCG | |
|---------------------------|--------------|----------------|---------|-----------------------|---------|
| | | | | Aftermarket Packaging | Prop 65 |
| 3-Pin Locking-Collar Pole | 10" Straight | 5095-10T1 | * | 5095-10-7 | * |
| 3-Pin Standard Pole | 10" Straight | 5098-10-1 | * | — | |



2500 SERIES HORN & LIGHT BASE

Ideal solution for today's fishing boat market. Combining both horn and light base components into one integrated module, Attwood's assembly is compact, robust, and easy to install. The acoustic technology provides a louder, more effective, and higher quality sounding product than current industry offerings. Attwood's patent pending water management system efficiently controls water inrush and eliminates the need for a sound reducing cloth at the horn mouth.

Exceptional Sound Quality



Durable

- Stainless mesh won't tear or puncture like cloth fabric.
- Water management system prevents common horn failures.
- Rubber base cover is flexible to avoid damage if kicked or stepped on.
- Withstands 2500 lb. standing load.
- Horn uses a make/break disc diaphragm to produce a quality tone (The main competitor uses a piezoelectric horn to produce a buzzer sound).

2520 / 2530



2500 Series Horn & Light Base with Suggested Attwood Pole Lights

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------------|--------------|----------------|---------|-----------------------|---------|
| HORN & LIGHT BASE | | | | | |
| 2-Wire | — | 2520-1 | * | — | — |
| 3-Wire | — | 2530-1 | * | — | — |
| SUGGESTED ATTWOOD POLE LIGHTS | | | | | |
| 2-Pin, Standard Pole | 10" Straight | NV6SP1-10-1 | * | — | — |
| | 12" Straight | NV6SP1-12-1 | * | — | — |
| | 14" Straight | NV6SP1-14-1 | * | — | — |
| | 16" Straight | NV6SP1-16-1 | * | — | — |
| 3-Pin, Standard with Task | 10" Straight | NV6SP2-10-1 | * | — | — |
| | 14" Straight | NV6SP2-14-1 | * | — | — |
| 2-Pin, Standard Incandescent | 10" Straight | 5097-10-1 | * | — | — |

Shown with
LIGHTARMOR
LED Bi-color
Pole Light



NAVIGATION: PLUG-IN SIDELIGHT BASES



PLUG-IN ALL-ROUND LIGHT OVERVIEW

Attwood offers a selection of durable, stowaway, pole-mounted lights. Plug-in pole lights are available in socket styles to fit most Attwood's 2- and 3-pin bases, and competitive brands of bases when the 2- or 3-pin locking-collar pole is specified.

POLE LIGHT SELECTION

Simply choose the style of light head and lens you need and select the pole style to fit your existing base. Or select a matching base best suited to your installation location. *Black pole option available upon request.*



LOCKING-COLLAR POLE WITH UNIVERSAL FIT

Locking-collar poles offer universal fit allowing customers to use them with a wide variety of Attwood 2- and 3-pin straight or angled bases. They also work as replacements in competitive bases, including Perko® brand bases.



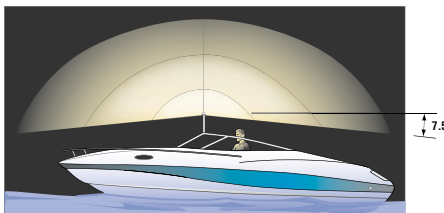
STANDARD POLE

Standard pole is used on Attwood all-round, masthead, transom, and bi-color pole lights. Fits all Attwood standard (non-locking-collar) 2- and 3-pin contact bases.

OR

2-MILE ALL-ROUND LIGHTS

Attwood all-round lights offer 2-mile, 360° visibility and are suitable on boats up to 39.4 feet (12 meters). Power vessels less than 39.4 feet may show a single all-round light in lieu of a separate masthead and stern light. Attwood all-round lights are available in a variety of head, pole, and base styles to fit most boats and installation locations. On boats under 12 meters, the all-round light is the most important navigation light because it can be seen by others from any direction.

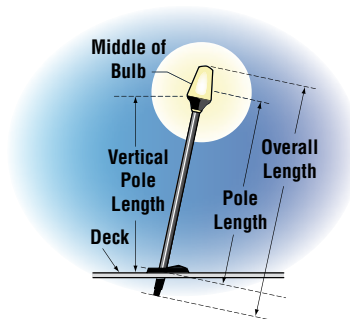


- LED ANTI-GLARE
- ANTI-GLARE LIGHTS
- FROSTED GLOBE LIGHTS

Attwood offers a choice of all-round lights — Anti-Glare and Frosted Globe. Select the head, pole, and base style that best suit your installation location and eliminate driver glare.

Traditional and LED Anti-Glare Lights

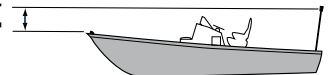
Attwood's Anti-Glare All-Round light goes beyond current regulations to reduce the danger of on-board glare. The precision lens focuses the light beam to the horizon where it's needed—360° without diffusion—keeping it out of the driver's field of view. It allows the operator to see while being sure the boat is seen. The bottom aperture eliminates glare by cutting off the light beam at 7.5° below horizontal, so it's out of the driver's view. Above horizontal, the lens shines a continuous arc of light—allowing improved visibility even when the boat is pitching in rolling seas. The Articulating Anti-Glare Light makes it even easier to eliminate glare. The patented articulating head adjusts from 15° fore to 15° aft to fit all base angles and typical deck installations.



Frosted Globe Lights

Attwood's standard Frosted Globe All-Round light is also available. Offering 360° visibility.

One meter or 39-3/8"



One-Meter Regulation

All-round light must be a minimum of one meter (39-3/8") above the red/green sidelights on boats under 12 meters (39.4 ft.). One meter must be the height separation measured from bulb filament centers.

Note: Frosted globe pole lights may be used with straight and angled bases. Unarticulated anti-glare pole lights must be selected to match the appropriate straight or angled base.



Perko® is a registered trademark of Perko, Inc.





LIGHTARMOR™

Fast Action All-Round Navigation Lights

Premium LED lights with a flexible, impact-resistant composite pole make these perfect for anglers and hunters to maneuver through low-hanging obstacles. The subtle, glare-free black matte finish complements many of today's boat designs.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- ISO 19009:2015 Certified
- Impact-resistant polycarbonate lens
- Water resistant
- Corrosion/UV resistant
- Light head adjusts 15° fore to 15° aft
- LED light engines last for 50,000 hours
- 5-year warranty

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|-------------|----------------|---------|-----------------------|---------|
| All-Round Light | 24" | 5530-24BP1 | * | 5530-24BP7 | * |
| | 30" | 5530-30BP1 | * | — | — |
| | 36" | 5530-36BP1 | * | 5530-36BP7 | * |
| | 42" | 5530-42BP1 | * | 5530-42BP7 | * |
| | 48" | 5530-48BP1 | * | — | — |
| | 54" | 5530-54BP1 | * | 5530-54BP7 | * |
| | 60" | 5530-60BP1 | * | — | — |



Threaded Locking Collar fits securely with LightArmor Plug-In Light Bases





LIGHTARMOR™ All-Round Articulating Light

- USCG certified. Provides 2-mile 360° visibility for boats up to 39.4 ft (12m)
- LightArmor™ All-Round navigation engine
- 30% lighter than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision
- Shock-, corrosion-, and water-proof electronics
- Durable, anodized aluminum pole
- Articulating head for use in all applications
- Strong locking-collar secures light in harsh marine conditions
- Standard 2-pin
- Compatible with Attwood and popular bases
- Operating range = 10.5 VDC - 14.4 VDC
- Over 50,000 hour life
- 5-year warranty

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|--------|--|
| 5530 | 910R2, 901V2, 910T2, 2520‡, 911339‡, 911370‡ |

‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 12" | 5530-12T1 | * | — | — |
| | 24" | — | — | 5530-24A7 | * |
| | 36" | — | — | 5530-36A7 | * |
| | 42" | 5530-42T1 | * | 5530-42A7 | * |
| | 48" | 5530-48T1 | * | 5530-48A7 | * |
| | 54" | 5530-54T1 | * | 5530-54A7 | * |
| | 54", Black | 5530-54TB1 | * | — | — |
| | 60" | 5530-60T1 | * | 5530-60A7 | * |
| | 66" | 5530-66T1 | * | — | — |

2 NM
USCG



5530



OEM Threaded Locking Collar

Aftermarket Dual Locking Collar



LIGHTARMOR™ All-Round Folding Pole Light

- USCG certified. Provide 2-mile, 360° visibility for boats up to 39.4 feet (12 m)
- LightArmor™ All-Round navigation engine
- 30% lighter than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision
- Shock-, corrosion-, and water-proof electronics
- Durable, anodized aluminum pole
- Standard 2-pin
- Compatible with Attwood and popular bases
- Operating range = 10.5 VDC - 14.4 VDC
- Over 50,000 hour life
- 5-year warranty

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|------------|--|
| 5540, 5570 | 910R2, 901V2, 910T2, 2520‡, 911339‡, 911370‡ |

‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 54" | 5540-54T1 | * | 5540-54A7 | * |
| | 60" | 5540-60T1 | * | — | — |
| | 72" | 5540-72T1 | * | — | — |
| | 84" | 5540-84T1 | * | — | — |
| 2-Pin Standard Pole | 60" | 5570-60-1 | * | — | — |
| | 72" | 5570-72-1 | * | — | — |

2 NM
USCG



5540

Standard Pole



OEM Threaded Locking Collar



Aftermarket Dual Locking Collar

Incandescent All-Round Articulating Anti-Glare Light

Attwood's Anti-Glare lights are a great improvement over conventional all-round lights. They focus light at the horizon and above, not in the driver's eyes.

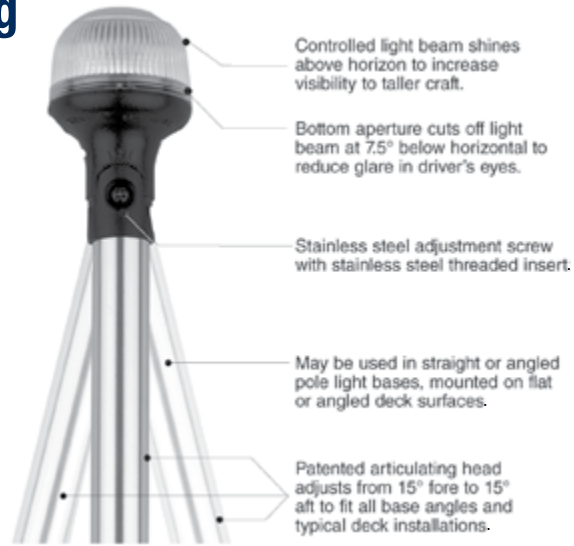
The bottom aperture reduces glare at 7.5° below horizontal. Above horizontal, the lens shines a continuous arc of light in rolling seas. The patented articulating head adjusts from 15° forward to 15° aft. Simply align the lens to the horizon and tighten the adjustment screw. Makes the boat more visible to taller craft such as freighters and commercial vessels.

The All-Round Articulating Anti-Glare Light simplifies inventory for builders and retailers, since one light fits most angles and installations. The locking-collar pole allows installation in 95% of existing bases — Attwood models as well as competitive bases such as Perko® brand, which simplifies installation for consumers.

* **⚠ WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)

Perko® is a registered trademark of Perko, Inc.

5330



| Series | Use with Light Base |
|--------|--|
| 5330 | 910R2, 901V2, 910T2, 2520* 911339*, 911370* |

* When locking-collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 42" | 5330-42T1 | * | 5330-42-7 | * |
| | 48" | — | * | 5330-48-7 | * |
| | 54" | 5330-54T1 | * | — | — |
| | 60" | 5330-60T1 | * | — | — |
| | 72" | 5330-72T1 | * | — | — |

2 NM
USCG

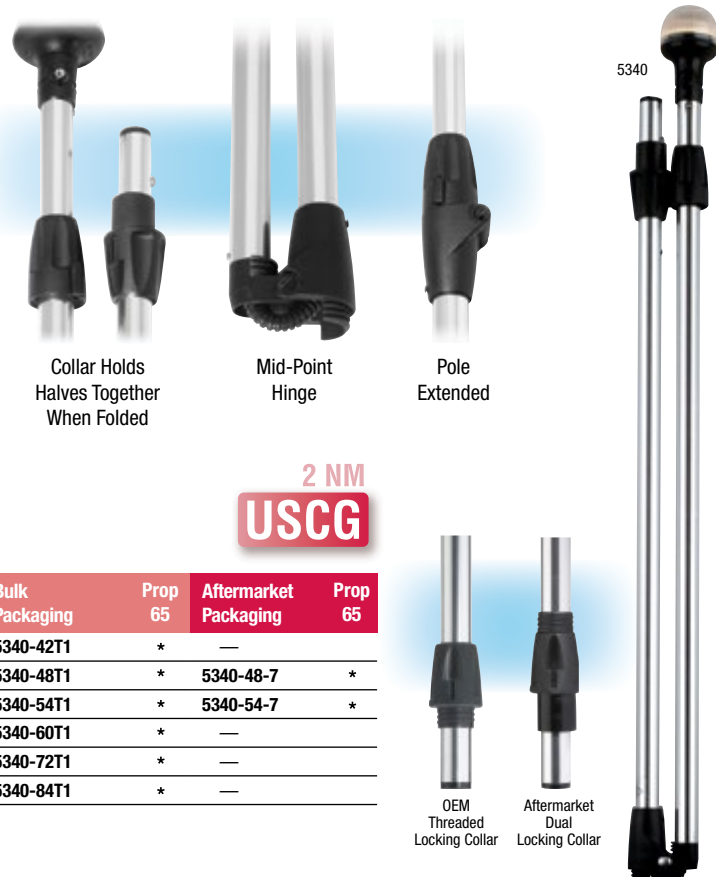


Incandescent All-Round Folding Pole Light

All-round lights must be at least one meter above sidelights, which requires a longer pole light that is difficult to store for some boats. Attwood's All-Round Folding Pole light solves this problem. It has all the features of the patented Articulating Anti-Glare Light, plus one great advantage — the removable pole folds in half for easy storage.

The mid-point hinge is a corrosion-resistant, glass-filled composite. Wiring is sheathed at the hinge for trouble-free operation.

* **⚠ WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)



| Series | Use with Light Base |
|--------|--|
| 5340 | 910R2, 901V2, 910T2, 2520* 911339*, 911370* |

* When locking-collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 42" | 5340-42T1 | * | — | — |
| | 48" | 5340-48T1 | * | 5340-48-7 | * |
| | 54" | 5340-54T1 | * | 5340-54-7 | * |
| | 60" | 5340-60T1 | * | — | — |
| | 72" | 5340-72T1 | * | — | — |
| | 84" | 5340-84T1 | * | — | — |

2 NM
USCG



Incandescent All-Round Anti-Glare Light, Straight Pole

Anti-glare lens focuses light beam to reduce glare in driver's eyes. Straight Pole with locking-collar is adaptable to most 90° competitive bases. 9-watt wedge-base lamp is commonly available in auto, marine, and convenience stores.

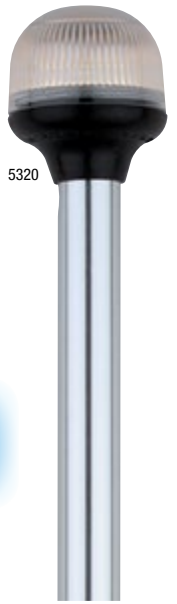
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|--------|--|
| 5320 | 910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡ |

‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 20" | 5320-20T1 | * | — | |
| | 42" | 5320-42T1 | * | — | |
| | 48" | 5320-48T1 | * | — | |
| | 54" | 5320-54T1 | * | — | |
| | 54", Black | 5320-54TB1 | * | — | |
| | 60" | 5320-60T1 | * | — | |
| | 60", Black | 5320-60TB1 | * | — | |
| | 72" | 5320-72T1 | * | — | |

2 NM
USCG

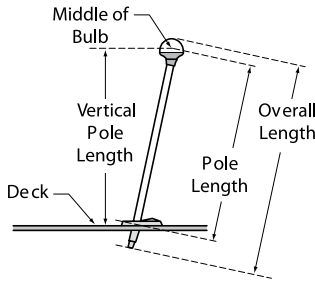


5320



OEM Threaded Locking Collar

Incandescent All-Round Anti-Glare Light, Angled Pole



Angled (12°) pole model features either a locking-collar or a standard Attwood 2-pin pole. Poles are constructed of 3/4-inch diameter aluminum. Lens threads off for easy lamp replacement. Includes commonly available 9-watt wedge-base lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|------------|--|
| 5300, 5310 | 910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡ |

‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 66" | 5310-66T1 | * | — | |
| | 72" | 5310-72T1 | * | — | |
| 2-Pin Standard Pole | 60" | 5300-60-1 | * | — | |
| | 72" | 5300-72-1 | * | — | |

2 NM
USCG



5310, 5300



Standard Pole



OEM Threaded Locking Collar

Incandescent All-Round Frosted Globe Light

Provides 2-mile, 360° illumination for boats up to 65.6 ft. (20 m). Includes 9-watt wedge-base lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Series | Use with Light Base |
|------------|--|
| 5100, 5110 | 910R2, 901V2, 910T2, 2520‡ 911339‡, 911370‡ |

‡When locking collar is removed.

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Locking-Collar Pole | 24" | — | — | 5110-24-7 | * |
| | 30" | — | — | 5110-30-7 | * |
| | 36" | — | — | 5110-36-7 | * |
| | 42" | — | — | 5110-42-7 | * |
| | 48" | — | — | 5110-48-7 | * |
| | 54" | — | — | 5110-54-7 | * |
| 2-Pin Standard Pole | 24" | 5100-24-1 | * | — | — |
| | 36" | 5100-36-1 | * | — | — |
| | 48" | 5100-48-1 | * | — | — |
| | 54" | 5100-54-1 | * | — | — |

2 NM
USCG



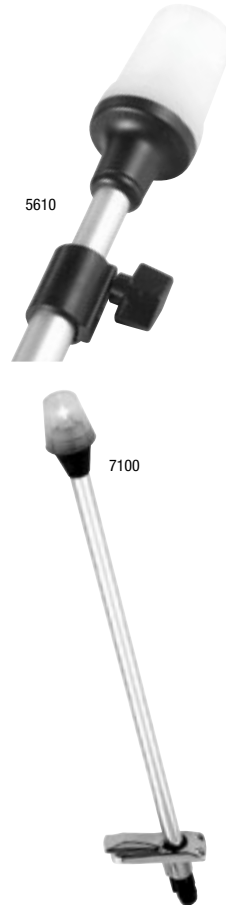
Incandescent Telescoping Pole Light

Stores easily in less space than a conventional All-Around light and can be removed quickly from any Attwood pole light base. Aluminum pole telescopes from 26-inches to 42-inches. Provides 2-mile, 360° illumination for boats up to 65.6 ft. (20 m). Includes 12-watt lamp.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|-------------|----------------|---------|-----------------------|---------|
| Telescoping Pole Lights | 26" - 42" | — | — | 5610-48-7 | * |

2 NM
USCG



Incandescent Stowaway Light with Plug-In Base

Swivel cover on base protects the socket when light is stowed. Base extends just 3-inches below deck. 4-inch L x 1-5/8-inch W x 1-3/8 inch-dia. Provides 2-mile, 360° illumination for boats up to 65.6 ft. (20 m). Includes 911339 base and 9-watt wedge-base lamp. Three countersunk holes for #10 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------------|-------------|----------------|---------|-----------------------|---------|
| 2-Pin Standard Pole with 911339 Base | 24" | — | — | 7100A7 | * |
| | 30" | — | — | 7100B7 | * |
| | 36" | — | — | 7100C7 | * |

2 NM
USCG

LIGHTARMOR™ PLUG-IN BASES

LIGHT ARMOR Plug-In Light Bases are designed for premium performance, durability, and attractive styling that helps them stand out. This combination of intelligent design and engineering make them worthy of the Light Armor name.

They're a Sure Fit

The threaded design feature fits perfectly with the threaded locking collar now offered across the entire line of Attwood pole lights. This unique system ensures a tight and secure fit that prevents annoying rattling while underway or trailering.

Plenty of Style Choices

The upgraded styling and appearance comes in three popular shapes and a range of material finishes, including Composite, 316 Stainless Steel, and Stainless Steel Overmold, that are sure to appeal to everyone.

Other Key Features

- Unique cover design ensures that the cover stays in place
- Low-profile prevents water from pooling on the top surface
- 2-and 3-pin options



910V SERIES:
RECTANGLE



LIGHTARMOR™
PLUG-IN BASES

910R SERIES:
ROUND



910T SERIES:
TEARDROP

Aftermarket packaging includes an OEM Threaded Locking Collar to retrofit existing pole lights.



LIGHTARMOR™ 910V Series Rectangle Base

Classic rectangle design is available in Black Composite and 316 Stainless Steel.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Light Base | Use with Pole Light |
|------------|--|
| 910V2 | LED Anti-Glare: 5530 and 5540 Series Bi-Color: NV6LC1, 5092, and 5091 Series Frosted Globe: 5110 Series Anti-Glare: 5310, 5320, 5330, and 5340 Series |
| 910V3 | Bi-Color: NV6LC2 and 5095 Series |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| 2-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910V2PB-1 | * | 910V2PB-7 | * |
| 316 Stainless Steel | 910V2SS-1 | * | 910V2SS-7 | * |
| 3-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910V3PB-1 | * | 910V3PB-7 | * |
| 316 Stainless Steel | 910V3SS-1 | * | 910V3SS-7 | * |



LIGHTARMOR™

910R Series Round Base

Round base is available in Black Composite, 316 Stainless Steel, and 306 Stainless Steel Overmold (black and white).

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)



| Light Base | Use with Pole Light |
|--------------|--|
| 910R2 | LED Anti-Glare: 5530 and 5540 Series Bi-Color: NV6LC1, 5092, and 5091 Series Frosted Globe: 5110 Series Anti-Glare: 5310, 5320, 5330, and 5340 Series |
| 910R3 | Bi-Color: NV6LC2 and 5095 Series |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-------------------|---------|-----------------------|---------|
| 2-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910R2PB-1 | * | 910R2PB-7 | * |
| 316 Stainless Steel | 910R2SS-1 | * | — | |
| Overmold 306 Stainless Steel Black Cover | 910R2PSB-1 | * | 910R2PSB-7 | * |
| Overmold 306 Stainless Steel White Cover | 910R2PSW-1 | * | — | |
| 3-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910R3PB-1 | * | 910R3PB-7 | * |
| 316 Stainless Steel | 910R3SS-1 | * | — | |
| Overmold 306 Stainless Steel Black Cover | 910R3PSB-1 | * | 910R3PSB-7 | * |
| Overmold 306 Stainless Steel White Cover | 910R3PSW-1 | * | — | |

LIGHTARMOR™

910T Series Teardrop Base

Elegant teardrop base is available in Black Composite, 316 Stainless Steel, and 306 Stainless Steel Overmold (black and white).

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)



| Light Base | Use with Pole Light |
|--------------|--|
| 910T2 | LED Anti-Glare: 5530 and 5540 Series Bi-Color: NV6LC1, 5092, and 5091 Series Frosted Globe: 5110 Series Anti-Glare: 5310, 5320, 5330, and 5340 Series |
| 910T3 | Bi-Color: NV6LC2 and 5095 Series |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-------------------|---------|-----------------------|---------|
| 2-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910T2PB-1 | * | 910T2PB-7 | * |
| 316 Stainless Steel | 910T2SS-1 | * | — | |
| Overmold 306 Stainless Steel Black Cover | 910T2PSB-1 | * | 910T2PSB-7 | * |
| Overmold 306 Stainless Steel White Cover | 910T2PSW-1 | * | — | |
| 3-PIN LIGHT BASE | | | | |
| Black Composite Cover | 910T3PB-1 | * | 910T3PB-7 | * |
| 316 Stainless Steel | 910T3SS-1 | * | — | |
| Overmold 306 Stainless Steel Black Cover | 910T3PSB-1 | * | 910T3PSB-7 | * |
| Overmold 306 Stainless Steel White Cover | 910T3PSW-1 | * | — | |



Square 2-Pin Base for Straight Poles

2-pin base for traditional-style Attwood pole lights, constructed of nylon. Hinged cover snaps closed to keep dirt and water out when light is stowed. Socket is keyed to prevent incorrect insertion of pole lights. Four countersunk holes for installation of fasteners. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- **Dimensions:** 2-1/4-inches x 1-3/4-inches. 1-1/4-inch diameter installation hole size.
- Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
- Wire leads are tinned for corrosion-resistance.

| Light Base | Use with Pole Light |
|------------|---|
| 911370 | LED Anti-Glare: 5570 Series Bi-Color: 5091 Series Frosted Globe: 5100 Series Anti-Glare: 5300 Series |

| Description | Bulk Packaging | Prop | Aftermarket Packaging | Prop |
|--------------|----------------|------|-----------------------|------|
| 2-Pin, Black | 911370-1 | * | — | 65 |



Vertical Mount with Pin Contacts for Straight Poles

Can be mounted on flat windshield frame and includes a “V” adapter for mounting on angled windshield frame. Also for use as a transom mount in open utility boats. Black plastic with hinged lid that closes to keep dirt and water out when stowed away. Two holes for #8 screws. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- **Dimensions:** 4-1/4-inches x 1-1/2-inches x 1-1/8-inches.
- Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
- Wire leads are tinned for corrosion-resistance.

| Light Base | Use with Pole Light |
|------------|---|
| 911370 | LED Anti-Glare: 5570 Series Bi-Color: 5091 Series Frosted Globe: 5100 Series Anti-Glare: 5300 Series |

| Description | Bulk Packaging | Prop | Aftermarket Packaging | Prop |
|--------------|----------------|------|-----------------------|------|
| 2-Pin, Black | 911490-1 | * | — | 65 |



Oval 2-Pin Base for Angled Pole

This resilient 2-pin base is used for angled pole lights with locking-collars. Ideal for installation in close quarters, such as narrow gunwales or deck areas. Narrow base has a soft rubber cover with a gasket to seal the socket.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
- Wire leads are tinned for corrosion-resistance.

| Light Base | Use with Pole Light |
|------------|---|
| 91022 | Frosted Globe: 5110 Series Anti-Glare: 5310, 5330 and 5340 Series LED Anti-Glare: 5530 and 5540 Series Bi-Color: 5091 Series |

| Description | Bulk Packaging | Prop | Aftermarket Packaging | Prop |
|--------------|----------------|------|-----------------------|------|
| 2-Pin, Black | 91022-1 | * | 91022-7 | 65 |



Rectangle 2-Pin Base for 12° Angled Pole

Swivel cover protects the socket when light is stowed away. Socket is keyed to prevent incorrect insertion of pole light. Three countersunk holes for installation fasteners. Includes 7-1/2-inch hard wire leads for connection to 12-volt DC power supply.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- **Dimensions:** 4-inches x 1-5/8-inches. 1-3/8-inch dia. installation hole size.
- Contacts are nickel-plated to resist corrosion and multi-crimped for durability.
- Wire leads are tinned for corrosion-resistance.

| Light Base | Use with Pole Light |
|------------|---|
| 911339 | Frosted Globe: 5110 Series Anti-Glare: 5300 Series Bi-Color: 5091 Series |

| Description | Bulk Packaging | Prop | Aftermarket Packaging | Prop |
|--------------|----------------|------|-----------------------|------|
| 2-Pin, ZAMAK | 911339-1 | * | 911339-7 | 65 |





ALL-ROUND FOLD-DOWN LIGHTS WITH LIGHTARMOR™ BASES

All Attwood All-Round Fold-Down Navigation Lights include a durable, easy-to-use, easy-to-install, LightArmor™ Fold-Down Base.

- Robust design provides easy, single-handed cam-lock operation
- Built to last in harsh marine environments



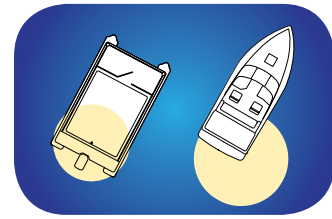
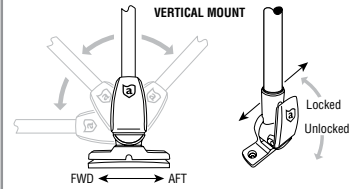
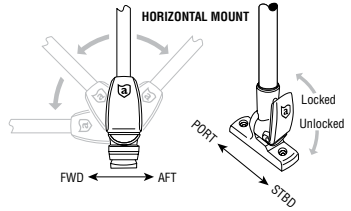
LIGHTARMOR™
ZAMAK Base



LIGHTARMOR™
Stainless Steel Base



LIGHTARMOR™
Black Composite Base



LIGHTARMOR™ All-Round Fold Down Navigation Lights

2 NM
USCG

- USCG certified
- Provides 2-mile, 360°, illumination for boats up to 39.4 ft. (12m)
- Operating range = 10.5 VDC - 14.4 VDC
- LightArmor™ All-Round navigation light engine
- 30% lighter light engine than earlier Attwood all-round lights
- Exclusive condensation management increases visibility
- Exclusive anti-glare engine preserves night vision
- Shock-, corrosion-and water-proof electronics
- Durable, anodized aluminum pole
- Articulating head for use in all applications
- Includes new LightArmor™ Fold-Down Base
- Over 50,000 hour life

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

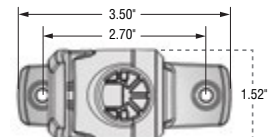
| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-------------------------|----------------|---------|-----------------------|---------|
| LED ANTI-GLARE LIGHTS | | | | | |
| ZAMAK base–Horizontal Mount | 12" Aluminum Pole | 5550-12Z1 | * | — | |
| | 24" Aluminum Pole | 5550-24Z1 | * | — | |
| | 30" Aluminum Pole | 5550-30Z1 | * | — | |
| | 36" Aluminum Pole | 5550-36Z1 | * | — | |
| Stainless steel base–Horizontal Mount | 12" Aluminum Pole | 5550-S12-1 | * | — | |
| | 18" Aluminum Pole | 5550-S18-1 | * | — | |
| | 24" Aluminum Pole | 5550-S24-1 | * | — | |
| | 30" Aluminum Pole | 5550-S30-1 | * | — | |
| | 36" Aluminum Pole | 5550-S36-1 | * | — | |
| Composite base; Black–Horizontal Mount | 12" Aluminum Pole | 5550-P12-1 | * | — | |
| | 20" Aluminum Pole | 5550-P20-1 | * | — | |
| | 24" Aluminum Pole | 5550-P24-1 | * | — | |
| Composite base; Black–Horizontal Mount with Adaptor | 12" Aluminum Pole | — | — | 5557-P12A7 | * |
| | 12" Plastic; Black Pole | — | — | 5558-P12A7 | * |
| | 20" Aluminum Pole | — | — | 5550-PA20-7 | * |
| Composite base; Black Vertical Mount | 12" Aluminum Pole | 5551-P12-1 | * | — | |
| Composite base; Black–Vertical Mount with Adaptor | 20" Aluminum Pole | — | — | 5551-PA20-7 | * |
| ALL-ROUND ADAPTOR | | | | | |
| Rail Mount Adaptor, Black Composite | | 913670-1 | * | — | |
| Rail Mount Adaptor, Stainless Steel | | 913671-1 | * | — | |



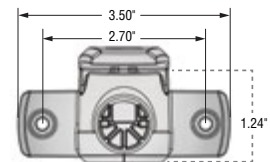
**LED Articulating
Anti-Glare**

Draws 20% less power than traditional all-round lights

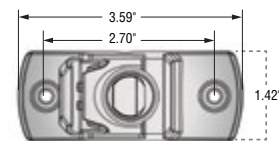
5550 Series



HORIZONTAL COMPOSITE BASE



VERTICAL COMPOSITE BASE



STAINLESS STEEL BASE



□ All Aftermarket Packaged lights include Rail Mount Adaptor

NAVIGATION: ALL-ROUND LED FOLD-DOWN LIGHTS



Incandescent All-Round Fold-Down Lights With Bases LIGHTARMOR™

All Attwood All-Round Fold-Down Navigation Lights include a new durable, easy-to-use, easy-to-install, LightArmor™ Fold-Down Base.

- Robust design provides easy, single-handed cam-lock operation
- Built to last in harsh marine environments



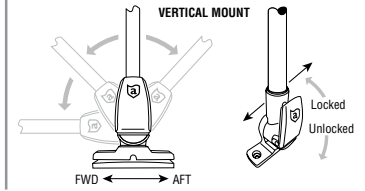
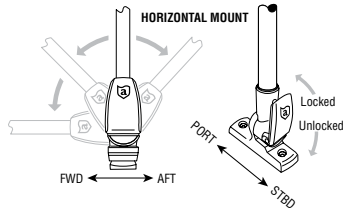
LIGHTARMOR
ZAMAK Base



LIGHTARMOR
Stainless Steel Base



LIGHTARMOR
Black Composite Base



- Provides 2-mile, 360°, illumination for boats up to 39.4 ft. (12m)
- Incandescent All-Round navigation light engine
- Shock-, corrosion- and water-proof electronics
- Durable, anodized aluminum pole
- Anti-glare lens preserves night vision

- USCG certified
- Assembled with Attwood's new LIGHTARMOR bases
- Black composite cam-lock base
- Stainless steel cam-lock base
- Zamak knob-style base



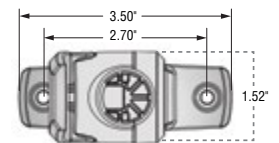
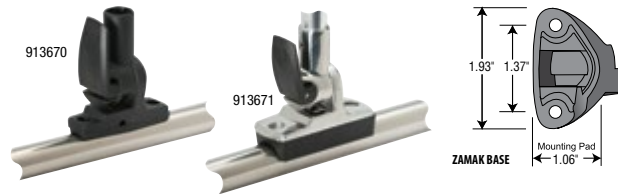
* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging* | Prop 65 |
|---|-------------------|----------------|---------|------------------------|---------|
| GLOBE STYLE LIGHTS | | | | | |
| Composite Base; Black-Horizontal Mount | 12" Aluminum | 5120-P12-1 | * | — | |
| ZAMAK Base-Horizontal Mount | 36" Aluminum | 5120-36Z1 | * | — | |
| ANTI-GLARE LIGHTS | | | | | |
| ZAMAK Base-Horizontal Mount | 24" Aluminum | 5350-24Z1 | * | — | |
| | 30" Aluminum | 5350-30Z1 | * | — | |
| | 36" Aluminum | 5350-36Z1 | * | — | |
| Composite Base; Black-Horizontal Mount with Adaptor | 12" Aluminum | — | | 5350-PA12-7□ | * |
| | 12" Black Plastic | — | | 5358-P12-7□ | * |
| | 20" Aluminum | — | | 5350-PA20-7□ | * |
| Composite Base; Black-Vertical Mount | 12" Aluminum | 5351-P12-1 | * | — | |
| ANTI-GLARE LIGHTS | | | | | |
| Rail Mount Adaptor, Black Composite | | 913670-1 | * | — | |
| Rail Mount Adaptor, Stainless Steel | | 913671-1 | * | — | |

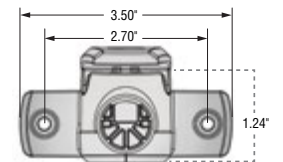


Frosted Globe
Include 9-watt wedge base lamp.
5100 Series

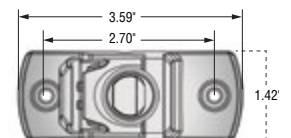
Articulating Anti-Glare
Include 9-watt wedge base lamp.
5350 Series



HORIZONTAL COMPOSITE BASE



VERTICAL COMPOSITE BASE



STAINLESS STEEL BASE

□ All Aftermarket Packaged lights include Rail Mount Adaptor

Incandescent All-Round Fixed Base Pole Lights

Two-mile, 360° light visibility for use on boats up to 39.4 ft. (12 m). Fixed base for use on pontoons, hard tops, and radar arches. 2-1/2-inches long x 1-inch wide. Installs with (2) required #10 fasteners. Includes 9-watt wedge base lamp.



2 NM
USCG

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|-------------|----------------|---------|-----------------------|---------|
| Frosted Globe Style | 8" aluminum | — | — | 5122-08-7 | * |



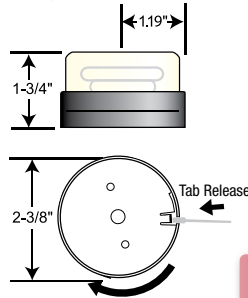
Frosted Globe

LED LIGHTARMOR™ Waketower All-Round Light

Compact size designed for installation on a wakeboard tower, radar arch, hard top, poling platform, tuna tower, or other fixed structure. Direct LED replacement for Attwood's incandescent 5940 series. For pleasure craft up to 39.4 ft (12 m).

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Two-mile, 360° visibility
- Fully sealed electronics
- Tab release



2 NM
USCG

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------|---------|-----------------------|---------|
| 6" Wire Leads | 5580-1 | — | 5580A7 | — |
| 12" Wire Leads, No Sleeve | 5582-1 | * | — | — |
| 16" Wire Leads | 5581-1 | — | — | — |
| Replacement Base | 5580-03 | * | — | — |



5580



5580-03

Incandescent All-Round Deck Mounted Lights

7-inch leads for connection to 12-volt DC power supply. Bayonet lock secures lens and cover to base and provides easy lamp replacement. Includes a 9-watt wedge base lamp. Installs directly to deck with two required #10 fasteners.

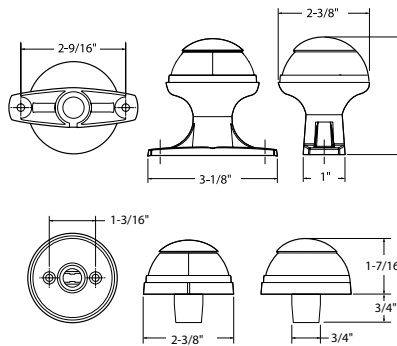
* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Raised Base

3-inch high raised base is ideal for mounting above obstructions, such as rails and hardware. Notch in rear of mounting base provides passage for wire leads.

Deck Mount

Light mounts flush, making it ideal for installation atop the tow piece on ski or wakeboard boat towers.



1 NM
USCG

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------|---------|-----------------------|---------|
| 3" Raised Base, Black | 5980-1 | * | — | — |
| Deck Mount, Black | 5940-1 | * | 5940-7 | * |



5980



5940

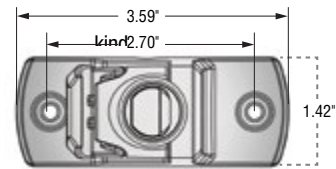


LED LIGHTARMOR™ Anchor/Masthead Lights

Attwood is proud to introduce one of the most innovative navigational lighting products available today. Achieving 3NM of 360 degree visibility, while drawing a fraction of the power of traditional incandescent lights, Attwood's 3NM LightArmor™ LED Masthead/Anchor light is one of the first of its kind. Constructed of corrosion resistant composites with stainless steel accents, this product was designed for harsh coastal marine environment.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

- USCG certified for boats up to 65' (20m)
- Provides 3-mile, 360° illumination
- Light Armor Anchor/Masthead navigation light engine
- Shock-, corrosion- and water-proof electronics
- Durable, anodized aluminum pole
- Includes new **LIGHTARMOR** Fold-Down Base
 - Cam-lock bases include integrated wire-management
 - Easy, single-handed cam-lock operation
 - Stainless steel
- Over 50,000 hour life
- 5-year warranty



STAINLESS STEEL BASE

7812



LIGHTARMOR™
Stainless Steel
Horizontal Base

3 NM
USCG

| Description | Rated Voltage | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|---------------|--------------|-----------------|---------|-----------------------|---------|
| Stainless Steel - Horizontal Mount | 12-volt | 12" Aluminum | 7812-S-1 | * | 7812-S-7 | * |
| | 12-volt | 24" Aluminum | 7824-S-1 | * | — | — |
| | 12-volt | 36" Aluminum | 7836-S-1 | * | — | — |
| | 12-volt | 42" Aluminum | 7842-S-1 | * | — | — |
| ZAMAK - Horizontal Mount | 12-volt | 12" Aluminum | 7812Z1 | * | — | — |

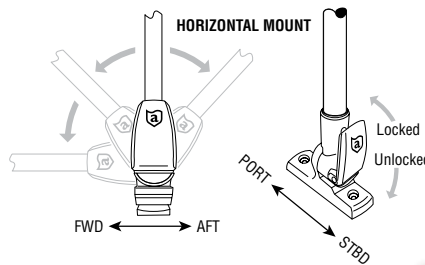
Incandescent Anchor/Masthead Lights

Three-mile, 360° light visibility for use on boats up to 65.6 ft. (20 meters).

Assembly includes new **LIGHTARMOR** bases.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

- Robust and easy to use
- Freshwater and saltwater compatible
- Simple, one-piece lens is sealed from water
- Concealed, protected wiring at the base
- Uses two festoon-style 8-watt lamps
- Typical installation requires (2) #10 stainless steel screws of length suitable for deck or rail material
- Will collapse and not break if accidentally hit



3 NM
USCG

For base dimensions see page 52

| Description | Base | Rated Voltage | Pole Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------------|---------------|--------------|-----------------|---------|-----------------------|---------|
| Horizontal Mount | ZAMAK | 12-volt | 12" Aluminum | 7212Z1 | * | — | — |
| Horizontal Mounted with rail adaptor | Composite; | 12-volt | 12" aluminum | — | — | 7201-P-7 | * |
| | Black | 12-volt | 20" aluminum | — | — | 7202-P-7 | * |
| Rail Mount Adaptor for Fold-Down light base | Black | — | — | 913670-1 | * | — | — |
| | Composite | — | — | 913671-1 | * | — | — |
| | Stainless Steel | — | — | 913671-1 | * | — | — |





LED 3-Mile Transom Light

For pleasure craft up to 164 ft. (50m) in length. Creating 135 degrees of light at 3-mile of visibility. A truly unique design, Attwood's transom light includes a luxurious electropolished stainless cover that is both durable and great looking. Easy-to-install surface mount design utilizes a snap feature to eliminate exposed fasteners. Three-inch diameter.

- One of the thinnest lights available— 1/2-inch height
- Compatible with both Attwood and Perko® mounting holes

3 NM
USCG

| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------|----------------|-----------------------|
| Stainless Steel | 6556-1 | 6556-7 |



6556

Incandescent Transom Light

Light provides 2-mile, 135° transom visibility for pleasure craft up to 164 ft. (50 m) in length. 304 stainless steel with a plastic body and watertight lamp socket. Round transom light body is translucent, so it shines on both sides of a bulkhead! Can be used to light an interior compartment and may also be used as a cockpit courtesy light. Rubber gasket seals lens and body to mounting surface. Includes (2) stainless steel #10 screws.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- 7.5 watts at 12-volt DC
- Vertical, flush mount
- Patented design

2 NM
USCG

| Description | Dimensions | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----------------------------|----------------|---------|-----------------------|---------|
| Round | 3" dia. | — | | 6356D7 | |
| Rectangular | 4-11/16"L x 2-11/16"H x 2"D | — | | 66382-7 | * |



6356D



66382



BATTERY OPERATED LIGHTS

For nighttime operation of small boats and tenders without 12-volt electrical systems. These lights are not intended to meet U.S. Coast Guard regulations. Not for use on boats that can exceed speeds of seven knots.



Portable Navigation Light Kit

Be seen and be safe with these compact and portable LED navigation lights. All new portable navigation lights are more durable, easier to use, and include Attwood's strongest mounting and pole configurations. Ideal for personal water craft, camping, and hunting. Kit includes red/green LED bow light, white LED stern light, quick-release mounts, pole, and hardware.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Water-resistant bow and stern navigation lights
- Attwood's most durable, portable LED navigation light engines
- Sealed electronics, built to last in harsh conditions
- Sealed, shock-proof composite housing
- Shatter-proof polycarbonate lens
- 150+ hour run-time on three AAA batteries (not included)
- New telescoping and threaded poles
- New heavy-duty C-clamp and kayak pad mounting options

| Description | Finish | Pole Style | Mounting Style | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------------------------|-------------|-------------------------------------|----------------|---------|-----------------------|---------|
| Clamp-On LED Light Kit | Marine Gray | Threaded | C-Clamp | — | | 14190-7 | * |
| | Real Tree® Max-4 Camouflage | Threaded | C-Clamp | — | | 14191-7 | |
| | Marine Gray | Telescoping | C-Clamp | — | | 14194-7 | * |
| | Real Tree® Max-4 Camouflage | Telescoping | C-Clamp | — | | 14195-7 | * |
| Deck Mount LED Light Kit | Marine Gray | Telescoping | Optional screw-down or adhesive pad | — | | 14192-7 | * |
| | Real Tree® Max-4 Camouflage | Telescoping | Optional screw-down or adhesive pad | — | | 14193-7 | * |
| All-Craft Portable Navigation Light Kit | Marine Gray | Threaded | C-Clamp, screw-down or adhesive pad | — | | 14196-7 | * |
| | Real Tree® Max-4 Camouflage | Threaded | C-Clamp, screw-down or adhesive pad | — | | 14197-7 | * |



Multi-Function Sport Light

Durable, water-resistant, multi-purpose light can be used as a bright 300 fixture lumen flood light or 50 lumen red beam for improved night vision. Also has a UV mode for charging fishing lures and line. Ideal for fishing, boating, hunting, camping and more. Features four mounting options and 360° rotation. Includes an adapter for use with Attwood rod holder mount. Requires six AA batteries (not included).

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

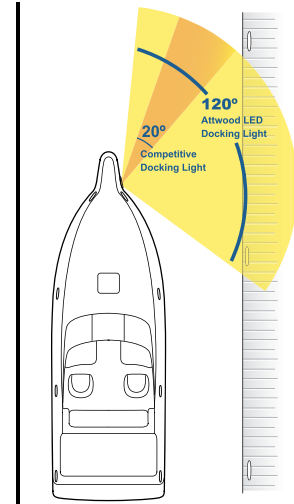
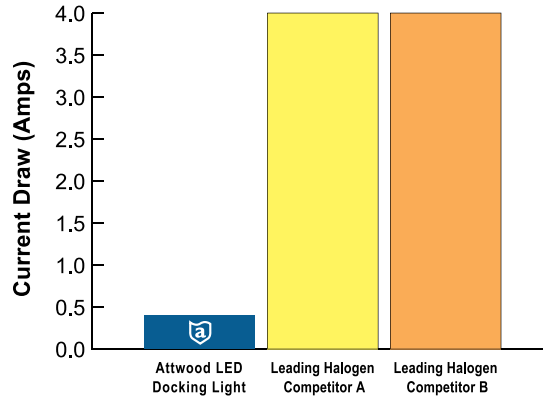
| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|----------------|---------|-----------------------|---------|
| Multi-Purpose Light, marine gray | — | | 14185XFS-7 | * |
| Multi-Purpose Light, camouflage | — | | 14187XFS-7 | * |



LED Docking Lights

- Light draws a fraction of the power while producing a brighter output. 5 watts at 12-volt DC each. Transmits light in a much broader pattern as opposed to a narrow beam generated by today's competitors.
- At less than 1-inch thick, the lights are designed to be mounted directly to the surface of the hull with only a small hole for wiring. Requires (3) #8 stainless steel Phillips Head screws (not included).
- Attwood LED technology keeps the light cool to the touch.
- Backed by a 5-year warranty, Attwood's LED docking lights are designed with the most extreme conditions in mind. Attwood uses only the highest grade stainless and aluminum components to ensure the product will be resistant to corrosion.
- To ensure the light is watertight, all electrical components are fully sealed.
- Attwood's simple one-piece cover allows for the ultimate in customization.
- 4-inch lead wires

Attwood LED Docking Light vs. Halogen Current Draw (Amps)



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|------------------------------|----------------|---------|-----------------------|---------|
| Stainless Steel Bezel, White LED, Pair | 4-1/8" H x 8-1/8" W x 3/4" D | 6521SS1 | * | — | — |
| Stainless Steel Bezel, White LED, Pair | 1.2" H x 4.5" W x 2.8" D | 6522SS1 | * | 6522SS7 | * |
| Black Powder Coat Bezel, White LED, Pair | 1.2" H x 4.5" W x 2.8" D | 6523BK1 | * | 6523BK7 | * |



1-Inch Oval Docking Lights **new**

Makes docking boats easy with cool white 100 Lumen output. Available in threaded nut or stainless steel clip-mount designs for convenient installation. Water resistant. 12 VDC.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Installation Method | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|---------------------|----------------|---------|-----------------------|---------|
| 1" Oval Docking Light | Threaded | 6526-1 | * | 6526-7 | * |
| 1" Oval Docking Light | Clip Mount | 6527-1 | * | 6527-7 | * |



LED LIGHTARMOR™ Underwater Lights

Introducing LightArmor™ Underwater Lights from Attwood, a new line of premium surface-mount LED lights that are engineered to be the brightest and most durable lights in the industry. Like all LightArmor™ products, they're technically advanced, built to perform in the harshest marine environments, and backed by an industry-leading 5-year warranty.

- 12- and 24-volt DC systems
- Intelligently engineered for strength and durability
- Exclusive Heat-Sync Cooling System with Active Overheat Protection
- Resistant to corrosion, chemicals, and UV damage
- Extreme impact-resistant lens
- 3 ft. sheathed wire
- Reverse polarity protection
- Fully-sealed waterproof electronics
- Simple installation with minimal mounting hardware
- Low-profile design
- Electro-polished 316 stainless steel cover (Optional for OEM)
- CE certified

Three popular sizes - 4.0-inch, 5.0-inch, 6.0-inch

Three vibrant colors - Sapphire Blue, Intense White, Tactical Green

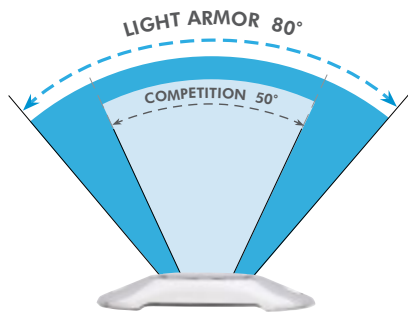
Two performance levels - High Performance (HP), Extreme High Performance (HPX)

Note: All Light Armor Underwater lights MUST BE MOUNTED UNDER WATER LINE. Only work underwater.



Outshining the Competition.

LIGHTARMOR™ Underwater Lights are the brightest on the market.



Projection Intensity vs. Competitor

This exploded view diagram shows the internal components of the light, including the lens, electronics, cooling system, and the stainless steel cover. Callouts point to the following features:

- Resistant to corrosion, chemicals, and UV damage** (pointing to the lens)
- Simple installation with minimal mounting hardware** (pointing to the mounting tabs)
- Extreme impact-resistant lens** (pointing to the lens)
- Low-profile design** (pointing to the thin profile of the light)
- 3' sheathed wire** (pointing to the wiring harness)
- Heat sink cooling system with active overheat protection** (pointing to the cooling fins)
- Reverse polarity protection** (pointing to the electrical contacts)
- Fully-sealed waterproof electronics** (pointing to the internal circuit board)
- Electro-polished 316 stainless steel cover (included in retail packaging; installation optional)** (pointing to the outer shell)

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

NOTE: Bulk packaging **does not** include covers and aftermarket packaging **does** include covers.

| Description | Color | Fixture Lumens* | Current Draw at 13.6- Volts | Current Draw at 24 Volts | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------------|-----------------|-----------------------------|--------------------------|----------------|---------|-----------------------|---------|
| High Performance (HP) | | | | | | | | |
| 4.0 HP - 4" length, 3 LED | Sapphire Blue | 800 | 0.32 | 0.16 | 65UW03B-1 | * | 65UW03B-7 | * |
| | Tactical Green | | 0.36 | 0.18 | — | — | 65UW03G-7 | * |
| | Intense White | | 0.64 | 0.32 | 65UW03W-1 | * | 65UW03W-7 | * |
| 5.0 HP - 5" length, 6 LED | Sapphire Blue | 1,350 | 0.66 | 0.33 | — | — | 65UW06B-7 | * |
| | Tactical Green | | 0.71 | 0.36 | — | — | 65UW06G-7 | * |
| | Intense White | | 1.26 | 0.63 | — | — | 65UW06W-7 | * |
| 6.0 HP - 6" length, 12 LED | Sapphire Blue | 1,650 | 1.32 | 0.66 | 65UW12B-1 | * | 65UW12B-7 | * |
| | Intense White | | 2.52 | 1.26 | — | — | 65UW12W-7 | * |
| Extreme High Performance (HPX) | | | | | | | | |
| 4.0 HPX - 4" length, 3 LED | Sapphire Blue | 1,350 | 0.64 | 0.32 | — | — | 66UW03B-7 | * |
| 5.0 HPX - 5" length, 6 LED | Sapphire Blue | 2,750 | 1.30 | 0.65 | 66UW06B-1 | * | 66UW06B-7 | * |
| | Tactical Green | | 1.40 | 0.70 | 66UW06G-1 | * | 66UW06G-7 | * |
| | Intense White | | 2.46 | 1.23 | 66UW06W-1 | * | — | — |
| 6.0 HPX - 6" length, 12 LED | Sapphire Blue | 5,000 | 2.59 | 1.30 | 66UW12B-1 | * | 66UW12B-7 | * |
| | Intense White | | 4.50 | 2.25 | 66UW12W-1 | * | 66UW12W-7 | * |
| Optional Covers - For OEM only (Aftermarket packaged product includes 316 Stainless Steel Cover) | | | | | | | | |
| 4.0 HP/HPX Cover | Stainless Steel | — | — | — | 65UW03CVSS-1 | * | — | — |
| 5.0 HP/HPX Cover | Stainless Steel | — | — | — | 65UW06CVSS-1 | * | — | — |
| 6.0 HP/HPX Cover | Stainless Steel | — | — | — | 65UW12CVSS-1 | * | — | — |



Sapphire Blue
65UW03B



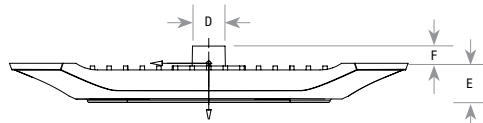
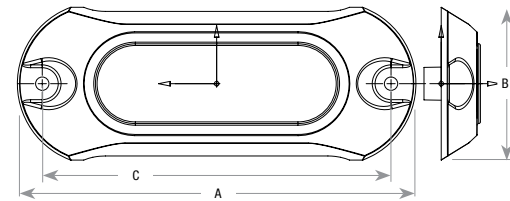
Tactical Green
65UW03G



Intense White
65UW03W

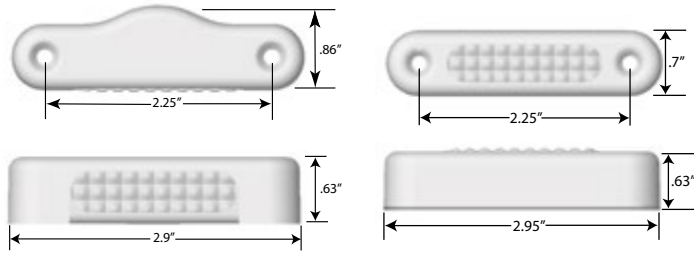
DIMENSIONS

| Model | Color | Length (A) | Width (B) | Distance Between Mounting Holes (C) | Diameter of Wiring Hole (D) | Installed Product Height (E) | Wire Collar Depth (F) |
|---------|----------------|------------|-----------|-------------------------------------|-----------------------------|------------------------------|-----------------------|
| 4.0 HP | Sapphire Blue | 4.00" | 2.15" | 3.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |
| 4.0 HPX | Sapphire Blue | 5.00" | 2.15" | 4.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |
| 5.0 HP | Sapphire Blue | 6.00" | 2.35" | 5.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |
| 5.0 HPX | Sapphire Blue | 6.00" | 2.35" | 5.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |
| 6.0 HP | Sapphire Blue | 6.00" | 2.35" | 5.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |
| 6.0 HPX | Sapphire Blue | 6.00" | 2.35" | 5.25" | .56" | .56" (9/16") | .30" |
| | Tactical Green | | | | | | |
| | Intense White | | | | | | |



LED Underwater Lights, 3-Inch Series

Lights are 3/4-inch wide and are perfect for surface mounting on rails, transoms, and swim platforms. These LED lights exceed the output of comparable halogen lights, while using 20% of the power. Lights stay cool to the touch and eliminate the burn hazard that halogen lighting can present. Fully potted electronics and stainless steel housing allow for interior and exterior mounting – even underwater! Rated for 50,000+ hours of life. * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



- 1.5 watts at 12-volt DC

| Description | LED Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|-----------|----------------|---------|-----------------------|---------|
| Horizontal Mount | White | — | — | 6343SS7 | * |
| | Blue | 6343BSS1 | * | — | — |
| Vertical Mount | White | 6344SS1 | * | — | — |



LED Base Underwater Lights **new**

These LED lights create a dynamic appearance whether above or below the waterline. Each light has six LED lamps, and are available in vibrant blue or white. 12 VDC.

| Description | Dimensions | LED Color | Bulk Packaging | Aftermarket Packaging |
|----------------------|-----------------------|-----------|----------------|-----------------------|
| LED Underwater Light | 1.5"H x .75"D x 3.5"L | Blue | 6528B-1 | 6528B-7 |
| LED Underwater Light | 1.5"H x .75"D x 3.5"L | White | 6528W-1 | 6528W-7 |



LED UTILITY LIGHTS

INTERIOR/EXTERIOR

LED Round Interior / Exterior Lights

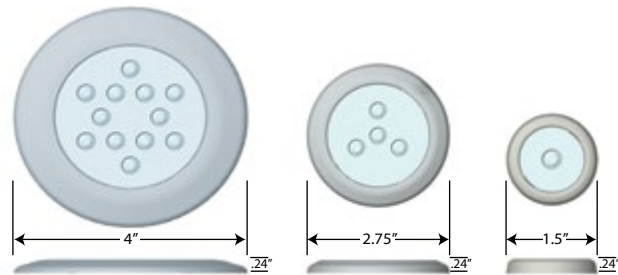
These LED lights exceed the output of comparable halogen lights while using 20% of the power. Lights stay cool to the touch and eliminate the burn hazard that halogen lighting can present.

Fully potted electronics and stainless steel housing allow for interior and exterior mounting.

Rated for 50,000+ hours of life. Additional LED colors and bezel finishes are available upon request.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- For 12-volt DC systems
- Easy installation with minimal intrusion



6340SS



6341SS



6320W



6320B



6342

| Description | LED Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|------------------|----------------|---------|-----------------------|---------|
| 4" ROUND INTERIOR LIGHT, 3 WATTS @ 12 VDC | | | | | |
| Stainless Steel Bezel | White | 6340SS1 | * | 6340SS7 | * |
| | Warm White + Red | 6348SS1 | * | — | — |
| Satin Nickel Finish | Warm White | 6345SN1 | * | — | — |
| 2.75" ROUND INTERIOR LIGHT, 1.8 WATTS @ 12 VDC | | | | | |
| Stainless Steel Bezel White | White | — | — | 6341SS7 | * |
| | Warm White | 6346SS1 | * | — | — |
| | Warm White + Red | 6349SS1 | * | — | — |
| Black Plastic Bezel | White | 6320B1 | * | — | — |
| | Amber | 6321B1 | * | — | — |
| White Plastic Bezel | White | 6320W1 | * | 6320W7 | * |
| | Blue | 6323W1 | * | 6323W7 | * |
| 1.5" ROUND COURTESY LIGHT, 1.1 WATTS @ 12 VDC | | | | | |
| Stainless Steel Bezel | White | 6342SS1 | * | 6342SS7 | * |

LED Mini Courtesy Lights

Attwood's 1-inch Mini LED Courtesy Lights offer excellent performance in an affordable package. Designed to be installed with just a hole saw, the Mini's rubber grommet eliminates fasteners and allows for quick and easy installation. Comes with fully sealed electronics; performs in almost any interior or exterior application.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Compact
- Water-and shock-resistant
- 50,000 hours of life



6317

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|-------|----------------|---------|-----------------------|---------|
| Rubber Grommet, Black | White | 6317-1 | * | — | |
| | Blue | 6319-1 | * | — | |

LED Livewell & Bulkhead Lights

Perfect lighting for low-current, all-weather, and submersible applications. For thru-mounting on livewell tanks and bulkheads. These lights are simple to install, shock-proof, waterproof, and guaranteed for trouble-free performance. 1.5-inch diameter. 90% less battery drain than comparable-output incandescents.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

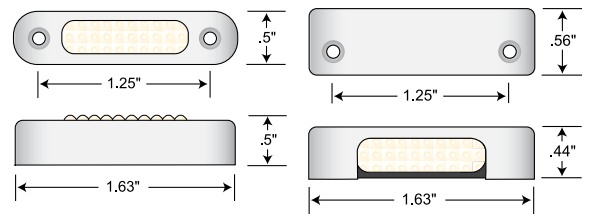
| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| White, bright, sharp detail | — | | 6312-7 | |
| Amber, softer hue, for cockpits & companionways | 6313-1 | * | — | |

LED Micro Lights

Industry leading light output in an extremely compact package. With electropolished stainless covers and fully sealed electronics. Attwood Micro Lights perform through the harshest conditions. Can be used in rod storage boxes without risk of water damage, under hardtops, or even mounted to rails.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- .66 watts at 12-volt DC



| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-------|----------------|---------|-----------------------|---------|
| Stainless Steel Bezel, Vertical Mount | White | 6350W1 | * | 6350W7 | * |
| | Red | — | | 6350R7 | * |
| | Blue | 6350B1 | * | 6350B7 | * |
| Stainless Steel Bezel, Horizontal Mount | White | 6351W1 | * | — | |
| | Blue | 6351B1 | * | — | |
| | Green | 6351G1 | * | — | |



6350

LED Utility Lights

These versatile, surface-mount LED Utility Lights put bright light where you need it.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Water-resistant
- 12-VDC
- Less than 1 Amp draw



6353W7

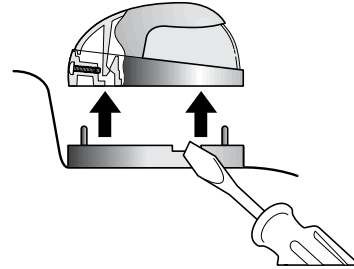
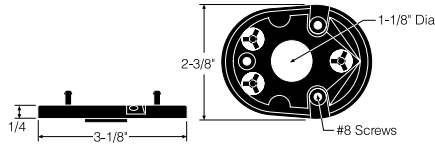
6354W7

6355W7

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|----------------|---------|-----------------------|---------|
| 4" Utility Light, 6 white LED's | — | | 6355W7 | |
| 6" Utility Light, 12 white LED's | — | | 6354W7 | * |
| 8" Utility Light, 18 white LED's | — | | 6353W7 | * |

ACCESSORIES: NAVIGATION LIGHT REPLACEMENT PARTS

QUASAR Quick-Connect Snap-On Bases



This ingenious base makes Quasar sidelights even easier to install and maintain! Base is 1/4-inch high, designed for contoured decks. Base attaches to the deck with screws, then the Quasar light simply snaps on or off.

Quasar lights are listed on page 34.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------------|----------------|-----------------------|
| Snap-on base, 1/4" high | 3300-1 | — |



Pole Light Storage Clips

New design holds larger (3/4-inch) diameter anti-glare pole lights. Resilient plastic clip holds standard 3/4-inch-diameter poles. Ideal for storing and protecting plug-in pole lights when mounted in engine wells or lockers. Installs with one #8 fastener.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions | Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|-------------|----------------|---------|-----------------------|---------|
| 2" L x 1-1/2" H | Black | 7571-1 | * | 7571L7 | * |







FUEL

| | |
|---|--------------|
| EPA CERTIFIED PORTABLE FUEL SYSTEMS OVERVIEW | 68 |
| EPA CERTIFIED PORTABLE FUEL TANKS | 69 |
| EPA CERTIFIED PORTABLE FUEL COMPONENTS | 70-75 |
| FUEL FITTINGS | 76-81 |
| EPA CERTIFIED INTEGRATED FUEL SYSTEMS OVERVIEW | 82-84 |
| EPA CERTIFIED INTEGRATED FUEL COMPONENTS | 85-90 |
| ACCESSORIES | 91-93 |
| NON EPA CERTIFIED / INTERNATIONAL PORTABLE FUEL TANKS | 94 |
| NON EPA CERTIFIED / INTERNATIONAL PORTABLE FUEL COMPONENTS | 95 |
| NON EPA CERTIFIED / INTERNATIONAL INTEGRATED FUEL COMPONENTS | 96-98 |



FUEL

EPA CERTIFIED PORTABLE FUEL SYSTEMS

YOUR COMPREHENSIVE TANK-TO-ENGINE SOLUTION

As a result of EPA regulations to reduce evaporative emissions, portable fuel systems are now manufactured to prevent fuel vapor from escaping into the atmosphere. These EPA compliant systems are sealed and unable to vent as in the past, causing pressure build up in the tank that rarely occurred prior to these regulations.

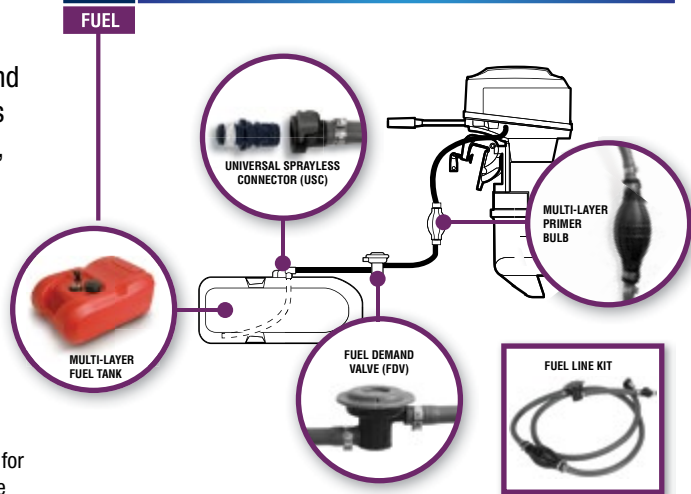
In addition, each component within the system adds potential restriction to fuel flow. As fuel restriction levels rise, engine performance is affected. In some cases, complete failure can occur.

Attwood's EPA Certified Portable Fuel System components are designed specifically to handle the problems caused by pressure build-up and fuel restriction inherent in today's closed EPA compliant systems.

With Attwood's systems, your engine will perform properly and valuable fuel will stay in the tank where it belongs. Attwood's systems were developed, with leading engine manufacturers, to ensure optimum, reliable performance on the water. That's the performance you'd expect from the industry leader in marine fuel systems and accessories.



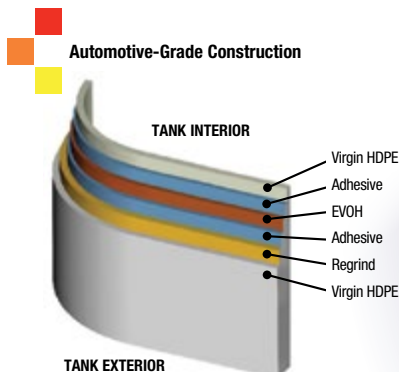
ATTWOOD HAS ENGINEERED THE INDUSTRY'S ONLY COMPREHENSIVE EPA CERTIFIED FUEL TANK-TO-ENGINE SOLUTION.



EPA CERTIFIED PORTABLE FUEL TANKS

Attwood fuel tanks are tested to meet EPA, CARB and ABYC/NMMA requirements for portable marine fuel tanks. The tanks have industry leading fuel flow performance and are designed and manufactured for safety and durability in harsh marine conditions.

- Proven automotive-grade multi-layer construction withstands the pressure build-up associated with closed systems
- Engineered for harsh conditions, temperature extremes and abuse
- Injection molded interfaces eliminate leaks
- Automatic vacuum valve in cap eliminates the need for manual vent
- Compatible with 1/4" NPT fuel fittings
- Built-in 5% ullage for fuel expansion



PORTABLE FUEL TANKS



EPA Certified multi-layer tank with industry leading fuel flow performance. Designed around the EPA and California Air Resources Board (CARB) regulations. Features an ergonomic design, an optional gauge and a tethered self sealing cap with audible click.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Automatic vacuum valve ensures proper fuel flow and eliminates the need for manual vent
- Low-permeation tank virtually eliminates fuel evaporation and fuel loss
- Compatible with 1/4" NPT fuel fittings
- Ethanol and alcohol compatible
- EPA & CARB Certified

3-Gallon Fuel Tanks

EPA COMPLIANT 3-gallon fuel tank is perfect for use with small outboards.

| Description | Dimensions | | | Aftermarket Packaging | Prop 65 |
|--------------------------------------|------------|--------|--------|-----------------------|---------|
| | Length | Width | Height | | |
| 3-gallon, without gauge | 16.6" | 11.45" | 7.3" | 8803LP2 | * |
| 3-gallon, with gauge | 16.6" | 11.45" | 7.3" | 8803LPG2 | * |
| 3-gallon, without gauge, single-pack | 16.6" | 11.45" | 7.3" | 8803LP2S | * |
| 3-gallon, with gauge, single-pack | 16.6" | 11.45" | 7.3" | 8803LPG2S | * |



8803LP



8803LPG



6-Gallon Fuel Tanks

EPA COMPLIANT 6-gallon fuel tank adapts to virtually any outboard engine.

| Description | Dimensions | | | Aftermarket Packaging | Prop 65 |
|--------------------------------------|------------|--------|--------|-----------------------|---------|
| | Length | Width | Height | | |
| 6-gallon, without gauge | 19.82" | 13.50" | 9.16" | 8806LP2 | * |
| 6-gallon, with gauge | 19.82" | 13.50" | 9.16" | 8806LPG2 | * |
| 6-gallon, without gauge, single-pack | 19.82" | 13.50" | 9.16" | 8806LP2S | * |
| 6-gallon, with gauge, single-pack | 19.82" | 13.50" | 9.16" | 8806LPG2S | * |



8806LP



8806LPG



12-Gallon Fuel Tanks

EPA COMPLIANT 12-gallon fuel tank is ideal for pontoon boats where more fuel capacity is needed.

| Description | Dimensions | | | Aftermarket Packaging | Prop 65 |
|--|------------|--------|--------|-----------------------|---------|
| | Length | Width | Height | | |
| 12-gallon, without gauge | 22.75" | 14.25" | 14.47" | 8812LP2 | * |
| 12-gallon, with gauge | 22.75" | 14.25" | 14.47" | 8812LPG2 | * |
| 12-gallon, low-profile, without gauge* | 24.00" | 18.00" | 11.61" | 8812LLP2 | * |
| 12-gallon, low-profile, with gauge* | 24.00" | 18.00" | 11.61" | 8812LLPG2 | * |



8812LP



8812LPG



8812LLP

EPA CERTIFIED FUEL TANKS



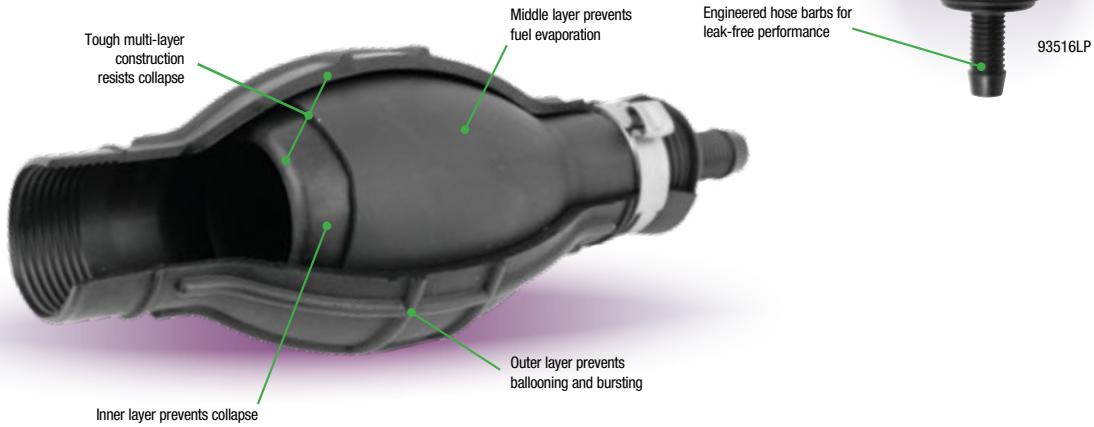
PRIMER BULBS

Attwood's multi-layer primer bulbs are designed to provide up to 60% more priming output than the competition while exceeding EPA and CARB requirements for fuel evaporation. Our exclusive three-layer design resists collapsing and hardening and ensures high output in temperatures ranging from 18°F to 122°F. Includes high-efficiency check valves with Viton O-rings for improved sealing. Assembled with the same components as Mercury and Quicksilver.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Exclusive three-layer construction prevents collapse under vacuum and ballooning/bursting under pressure
- Low-permeation material prevents fuel evaporation
- 60% more output per pump than leading competitors
- Exclusive high-efficiency check-valves for faster priming and low fuel restriction (less than 1kpa restriction at 50 liters/hour)
- Engineered hose barbs and stainless steel stepless clamps for leak-free performance
- Compatible with Ethanol blended fuels
- EPA and CARB certified

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|----------------|---------|-----------------------|---------|
| 3/8" I.D. Hose | — | | 93038LP7 | * |
| 5/16" I.D. Hose | — | | 93516LP7 | * |
| 1/4" I.D. Hose | — | | 93014LP7 | * |



FUEL DEMAND VALVE

Attwood's exclusive Fuel Demand Valve eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine. The valve ensures that fuel is supplied to the engine only when demanded during start up or engine operation. Designed in partnership with OEM engine manufacturers, Attwood's Fuel Demand Valve is compatible with all OEM engine brands.



- Prevents engine flooding and fuel spillage due to pressurized fuel
- Allows only the amount of fuel requested by the engine and prevents a pressurized "slug" of fuel from reaching engine
- Made of high-strength composite material designed to withstand the harsh marine environment
- Compatible with 3/8" and 5/16" fuel hose
- Installs between the fuel tank and the primer bulb
- Low vacuum restriction helps ensure proper engine function during startup and engine operation (less than 2kPa at 125 liters/hour)
- Built-in manual override
- Compatible with Ethanol blended fuels



Specifications

| Operating Temp | Storage Temp | Operating Input Pressure | Flow Performance | Hose Size | Manual Override |
|----------------------------------|-----------------------------------|--|---|-----------------------------|-----------------|
| -20°C to 80°C (-4°F to 176°F) | -40°C to 80°C (-40°F to 176°F) | 138 kPa (20 psi) protected for 276 kPa (40 psi) psi pressure spike | 125 L/H (33 GPH) at <2 kPa (10" gasoline) | 8 mm – 10 mm (5/16" – 3/8") | Yes |



| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------------|----------------|-----------------------|
| In-Line Fuel Demand Valve | 8M0044687 | 9300FDV7 |

UNIVERSAL SPRAYLESS CONNECTOR (USC)

The Universal Sprayless Connector is a safe way to eliminate the spraying of fuel when connecting and disconnecting pressurized fuel hoses during fueling or maintenance. This unique component helps keep the fuel in the tank where it belongs. Includes male and female connectors for use with all standard marine fuel tanks – 1/4" in (6.4 mm) NPT fittings.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

- Attwood's Universal Sprayless Connector replaces traditional tank fittings and eliminates spray when connecting or disconnecting fuel fittings
- High strength body engineered to withstand the harsh marine environment
- Female hose fitting compatible with 3/8" and 5/16" fuel lines
- Male fitting fits all standard 1/4" NPT fittings
- Male and female connectors include check valves that automatically close upon disconnecting
- High fuel flow fitting (less than .25kPa restriction at 50 liters/hour)
- Compatible with Ethanol blended fuels
- Compatible with all OEM brand engines
- Meets all EPA and CARB requirements
- Pre-applied fuel-grade thread sealant prevents fuel leaks



WINNER OF THE 2011
 IBEX INNOVATION AWARD



PRE-APPLIED
 FUEL-COMPATIBLE
 THREAD SEALANT



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Universal Sprayless Connector – Male and Female w/Thread Sealant | — | | 8838US6 | * |
| Universal Sprayless Connector – Hose Female, 5/16"–3/8" | 001008200 | * | 8838HF6 | * |
| Universal Sprayless Connector – Tank Male, 1/4" NPT w/Thread Sealant | 001008199 | * | 8838TM6 | * |
| Universal Sprayless Connector – Hose Male, 5/16"–3/8" | 001011094 | * | 8838HM6 | * |

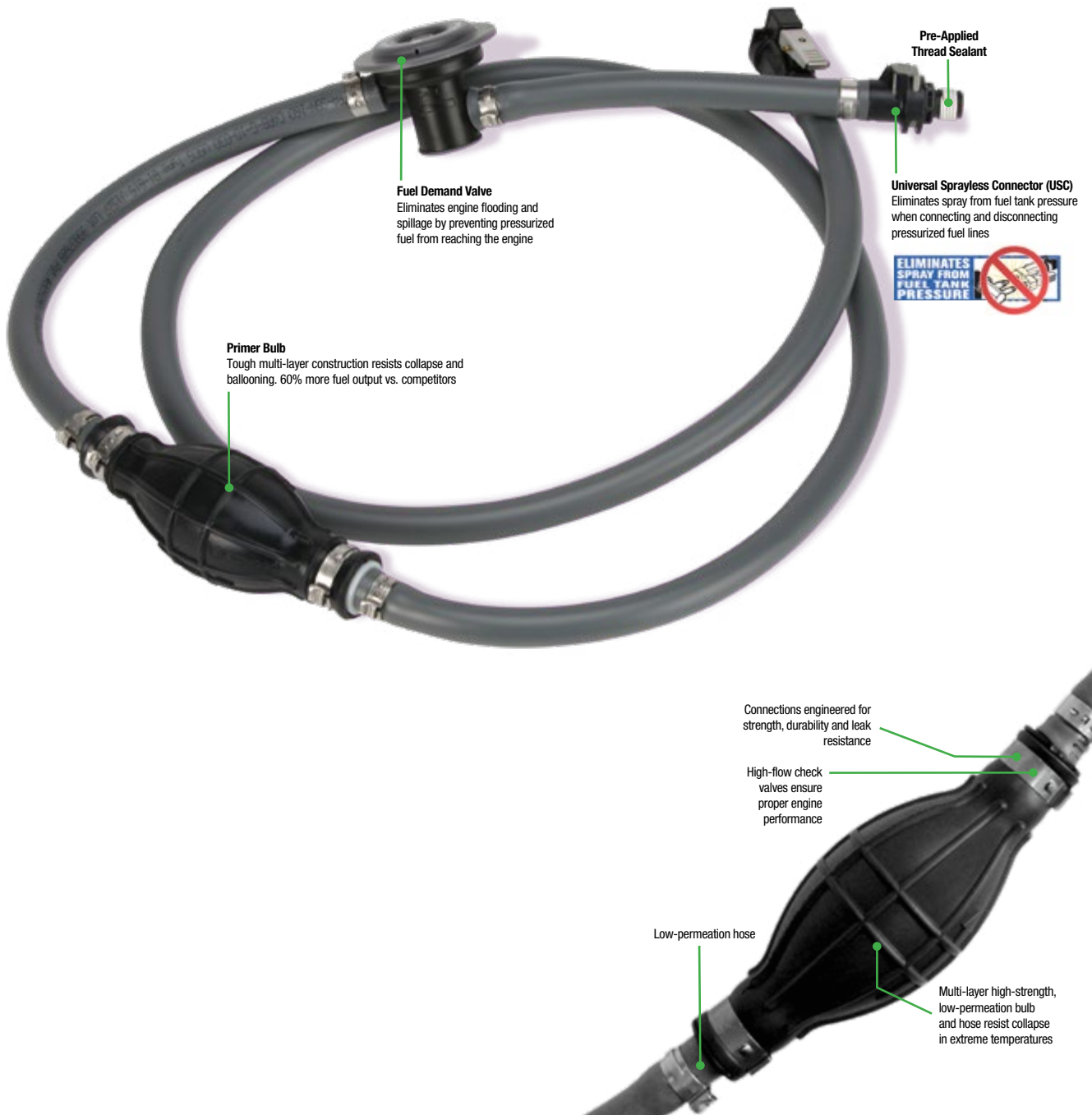


Fuel Line Kits

Attwood's low-permeation Fuel Line Kits set the standard in performance, safety and value. They include Attwood's award-winning Universal Sprayless Connector (hose and tank fittings with thread sealant), multi-layer low-permeation Primer Bulb and low-permeation fuel line. Fuel Demand Valve is optional.



- Includes 3/8" or 5/16" Tygon low-permeation 1600 fuel hose designed to prevent kinking and hardening; rated up to 100°C, the same tubing used by Mercury
- Stepless 360 degree stainless steel clamps and engineered hose barbs designed for use in pressurized fuel systems and guaranteed to be leak free
- Compatible with Ethanol blended fuels
- Compatible with all OEM brand engines
- Universal Sprayless Connector has pre-applied thread sealant



Fuel Demand Valve
Eliminates engine flooding and spillage by preventing pressurized fuel from reaching the engine

Primer Bulb
Tough multi-layer construction resists collapse and ballooning. 60% more fuel output vs. competitors

Pre-Applied Thread Sealant
Universal Sprayless Connector (USC)
Eliminates spray from fuel tank pressure when connecting and disconnecting pressurized fuel lines



Connections engineered for strength, durability and leak resistance

High-flow check valves ensure proper engine performance

Low-permeation hose

Multi-layer high-strength, low-permeation bulb and hose resist collapse in extreme temperatures



Fuel Line Kits

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Engine | END FITTING | | | | | Primer Bulb | Fuel Demand Valve | Aftermarket Packaging | Prop 65 |
|--|-------------|----------|-----------------------|--------------------------------|----------------------------------|------------------------------|-------------------|-----------------------|---------|
| | Length | Diameter | Includes Tank Fitting | Includes Hose Fitting Tank End | Includes Hose Fitting Engine End | | | | |
| UNIVERSAL BRAND ENGINES AND TANKS | | | | | | | | | |
| Universal | 6' | 5/16" | None | None | None | Multi-layer / Low-Permeation | No | 951606ULP7 | * |
| Universal | 6' | 3/8" | 8838TM6 | 8838HF6 | None | Multi-layer / Low-Permeation | No | 93806UUS7 | * |
| Universal | 6' | 3/8" | 8838TM6 | 8838HF6 | None | Multi-layer / Low-Permeation | Yes | 93806UUSD7 | * |
| Universal | 12' | 3/8" | 8838TM6 | 8838HF6 | None | Multi-layer / Low-Permeation | No | 93812UUS7 | * |
| Universal | 12' | 3/8" | 8838TM6 | 8838HF6 | None | Multi-layer / Low-Permeation | Yes | 93812UUSD7 | * |
| Universal | 6' | 3/8" | None | None | None | Multi-layer / Low-Permeation | No | 93806ULP7 | * |
| Universal | 6' | 3/8" | None | None | None | Multi-layer / Low-Permeation | Yes | 93806UFDV7 | * |
| Universal | 12' | 3/8" | None | None | None | Multi-layer / Low-Permeation | No | 93812ULP7 | * |
| Universal | 10' | 3/8" | 8838TM6 | 8838HF6 | None | None | Yes | 93810USCD7 | |
| MERCURY BRAND ENGINES AND TANKS | | | | | | | | | |
| Mercury | 6' | 3/8" | 8838TM6 | 8838HF6 | 8896LP6 | Multi-layer / Low-Permeation | No | 93806MUS7 | * |
| Mercury | 6' | 3/8" | 8838TM6 | 8838HF6 | 8896LP6 | Multi-layer / Low-Permeation | Yes | 93806MUSD7 | * |
| Mercury Pre-1998 | 6' | 3/8" | 8838TM6 | 8838HF6 | 8893-6 | Multi-layer / Low-Permeation | No | 93806AUS7 | * |
| Mercury Pre-1998 | 6' | 3/8" | 8838TM6 | 8838HF6 | 8893-6 | Multi-layer / Low-Permeation | Yes | 93806AUSD7 | * |
| JOHNSON BRAND ENGINES AND TANKS | | | | | | | | | |
| Johnson / Evinrude | 6' | 3/8" | 8838TM6 | 8838HF6 | 8889LP6 | Multi-layer / Low-Permeation | No | 93806EUS7 | * |
| Johnson / Evinrude | 6' | 3/8" | 8838TM6 | 8838HF6 | 8889LP6 | Multi-layer / Low-Permeation | Yes | 93806EUSD7 | * |
| Johnson / Evinrude | 6' | 3/8" | None | 8889LP6 | 8889LP6 | Multi-layer / Low-Permeation | No | 93806ELP7 | * |



Fuel Line Kits

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Engine | END FITTING | | | | | Primer Bulb | Fuel Demand Valve | Aftermarket Packaging | Prop 65 |
|---------------------------------------|-------------|----------|-----------------------|--------------------------------|----------------------------------|------------------------------|-------------------|-----------------------|---------|
| | Length | Diameter | Includes Tank Fitting | Includes Hose Fitting Tank End | Includes Hose Fitting Engine End | | | | |
| YAMAHA BRAND ENGINES AND TANKS | | | | | | | | | |
| Yamaha | 6' | 3/8" | None | 8896LP6 | 8896LP6 | Multi-layer / Low-Permeation | No | 93806YLP7 | * |
| HONDA BRAND ENGINES AND TANKS | | | | | | | | | |
| Honda | 6' | 3/8" | 8838TM6 | 8838HF6 | 8900-6 | Multi-layer / Low-Permeation | No | 93806HUS7 | * |

FUEL TANK AND HOSE FITTINGS




Attwood fuel tank fittings and hose fittings are suitable for use with leaded, unleaded, ethanol blended and alcohol-blended fuels. Unless otherwise specified, threaded fittings have 1/4" male NPT threads; barbed fittings fit 3/8" I.D. hose. Clamps are not included. Use thread sealant on all threads.

* **⚠️ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Fitting | Description | Material Construction | Mates to | Notes | Aftermarket Packaging | Prop 65 |
|---|------------------------|-----------------------|---------------------|----------------------|-----------------------|---------|
| MERCURY/MARINER BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Brass | 8890LP6 | Mercury Tank Fitting | 8873-6 | * |
| 3/8" Barb | Hose Female | Acetal | 8873-6 | Mercury Tank Fitting | 8890LP6 | |
| 3/8" Barb | Hose Female | Acetal | | Mercury Engine End | 8896LP6 | |
| 1/4" NPT Thread | Twist-lock Tank Female | Nylon | 14532-6 | w/90° Elbow, 2-Piece | 8882-6 | * |
| 1/4" NPT Thread | Twist-lock Tank Female | Die-cast Zinc | 14532-6 | w/90° Elbow, 1-Piece | 14530-6 | * |
| 3/8" Barb | Twist-lock Hose Male | Die-cast Zinc | 8882-6, 14530-6 | | 14532-6 | * |
| JOHNSON/EVINRUDE/OMC BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Brass | 8889LP6, 88FHE516-6 | | 8883-6 | * |
| 5/16" Barb | Hose Female | Acetal | 8883-6 | Tank or Engine End | 88FHE516-6 | |
| 3/8" Barb | Hose Female | Acetal | 8883-6 | Tank or Engine End | 8889LP6 | * |



Fuel Tank and Hose Fittings

*  **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Fitting | Description | Material Construction | Mates to | Notes | Aftermarket Packaging | Prop 65 |
|---|-------------|-----------------------|------------------------|-------------------------|-----------------------|---------|
| YAMAHA BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Brass | 8896LP6, 88FHY516-6 | | 8897-6 | * |
| 5/16" Barb | Hose Female | Acetal | 8897-6 | Tank or Engine End | 88FHY516-6 | |
| 3/8" Barb | Hose Female | Acetal | 8897-6 | Tank or Engine End | 8896LP6 | |
| HONDA BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 88FHH038-6 | Under 90HP (Small Bore) | 88FTH014-6 | * |
| 3/8" Barb | Hose Female | Chrome-plated Brass | 88FTH014-6 | Under 90HP (Small Bore) | 88FHH038-6 | * |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 8902-6 | 90HP+ (Large Bore) | 8901-6 | * |
| 3/8" Barb | Hose Female | Chrome-plated Brass | 8901-6 | 90HP+ (Large Bore) | 8902-6 | * |
| 3/8" Barb | Hose Female | Acetal | | Engine End | 8900-6 | * |
| CHRYSLER BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 8884-6 | | 14509-6 | * |
| 3/8" Barb | Hose Female | Chrome-plated Brass | 14509-6 | | 8884-6 | * |
| SUZUKI BRAND ENGINES AND TANKS | | | | | | |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 88FTS014-6 | Under 75HP (Small Bore) | 14509-6 | * |
| 3/8" Barb | Hose Female | Chrome-plated Brass | 14509-6 | Under 75HP (Small Bore) | 88FTS014-6 | * |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 88FHS516-6, 88FHS038-6 | 75HP+ (Large Bore) | 14527-6 | * |
| 5/16" Barb | Hose Female | Chrome-plated Brass | 14527-6 | 75HP+ (Large Bore) | 88FHS516-6 | * |



Fuel Tank and Hose Fittings

*  **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Fitting | Description | Material Construction | Mates to | Notes | Bulk Packaging | Aftermarket Packaging** | Prop 65 |
|---|--------------------------------|-----------------------|-------------|--|----------------|-------------------------|---------|
| TOHATSU/NISSAN BRAND ENGINES AND TANKS | | | | | | | |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 88FHN038-6 | Under 90HP (Small Bore) | — | 88FTN014-6 | * |
| 3/8" I.D. Barb | Hose Female | Chrome-plated Brass | 88FTN014-6 | Under 90HP (Small Bore) | — | 88FHN038-6 | * |
| 1/4" NPT Thread | Tank Male | Chrome-plated Brass | 88FHNPO38-6 | 90HP+ (Large Bore) | — | 88FTNPO14-6 | * |
| 3/8" I.D. Barb | Hose Female | Chrome-plated Brass | 88FTNPO14-6 | 90HP+ (Large Bore) | — | 88FHNPO38-6 | * |
| UNIVERSAL FITTINGS AND ADAPTERS | | | | | | | |
| 1/4" NPT x 1/4" NPTF | 90° Elbow | Brass | | | — | 8887-6 | * |
| 3/8" NPT x 3/8" NPTF | 90° Elbow | Brass | | | — | 88FE100-6 | * |
| 1/8" NPT x 3/8" Barb | Male Thread, Hose Barb | Brass | | | — | 88FBM104-6 | * |
| 1/4" NPT x 1/4" Barb | Male Thread, Hose Barb | Brass | | | — | 88FBM105-6 | * |
| 1/4" NPT x 5/16" Barb | Male Thread, Hose Barb | Brass | | | — | 88FBM101-6 | * |
| 1/4" NPT x 3/8" Barb | Male Thread, Hose Barb | Brass | | | — | 14540-6 | * |
| 3/8" NPT x 3/8" Barb | Male Thread, Hose Barb | Aluminum | | | — | 88FBMA102-6 | * |
| 1/4" NPTF x 3/8" Barb | Female Thread, Hose Barb | Brass | | | — | 88FBF102-6 | * |
| 1/4" NPT x 3/8" Barb | Male Thread, Anti-Siphon Valve | Aluminum | | | — | 88FAS014-6 | * |
| 3/8" NPT x 3/8" Barb | Male Thread, Anti-Siphon Valve | Aluminum | | | — | 88FAS038-6 | * |
| 3/8" Hose Mender | In-line Fuel Splice Kit | Brass | | Includes (2) Stainless Steel Hose Clamps | — | 11822-6 | * |
| 5/16" Hose Mender | In-line Fuel Splice Kit | Brass | | Includes (2) Stainless Steel Hose Clamps | — | 11823-6 | * |
| 1/4" Hose Mender | In-line Fuel Splice Kit | Brass | | Includes (2) Stainless Steel Hose Clamps | — | 11824-6 | * |



Fuel Tank and Hose Fittings

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Prop 65 MERCURY



* 8838US6



* 8873



* 8890LP



* 8896LP



* 8882



* 14530



* 14534



* 14532

Prop 65 JOHNSON



* 8883



* 88FHE516



* 8889LP

Prop 65 YAMAHA



* 8897



* 88FHY516



* 8896LP

Prop 65 HONDA



* 88FTH014



* 88FHH038



* 8901



* 8902



* 8900

Always use thread sealant when assembling threaded fittings.



Fuel Tank and Hose Fittings

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Prop 65 CHRYSLER



* 14509

* 8884

Prop 65 SUZUKI



* 14509

* 88FTS014

* 14527

* 88FHS516

Prop 65 TOHATSU/NISSAN



* 88FTN014

* 88FHN038

* 88FTNP014

* 88FHN038

Prop 65 UNIVERSAL



* 8887

* 88FE100

* 88FBM104

* 88FBM105

* 88FBM101

* 14540

* 88FBMA102

* 88FBF102

* 88FAS014

* 88FAS038

* 11822/ *11823/ *11824

Always use thread sealant when assembling threaded fittings.



Fuel Tank Valves: Shut Off & Multiple Draw



TANK VALVES: THREE-WAY & SHUT OFF

| Description | | Bulk Packaging | Aftermarket Packaging |
|----------------|--|----------------|-----------------------|
| 3-way valve | Brass: three 1/4" female NPTF, click detents | — | 88FV101-6 |
| 3-way valve | Brass: three 3/8" female NPTF, click detents | — | 88FV102-6 |
| Shut-off valve | Brass: 1/4" NPT x 1/4" NPTF | — | 88FV200-6 |
| Shut-off valve | Brass: 1/4" NPT x 1/4" NPT | — | 88FV201-6 |
| Shut-off valve | Brass: 1/4" NPTF x 1/4" NPTF | — | 88FV202-6 |



88FV101



88FV102



88FV200



88FV201



88FV202

EPA CERTIFIED INTEGRATED FUEL SYSTEMS



CARBON CANISTER FUEL SYSTEMS

Carbon canister systems utilize an engineered charcoal canister to reduce hydrocarbons entering the atmosphere. Other components of a carbon canister system are designed to ensure the tank fills to the proper level every time without spit-back or well-back. All Attwood carbon

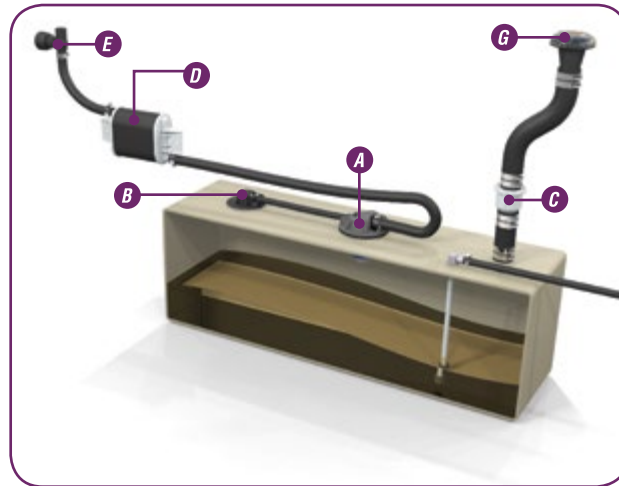
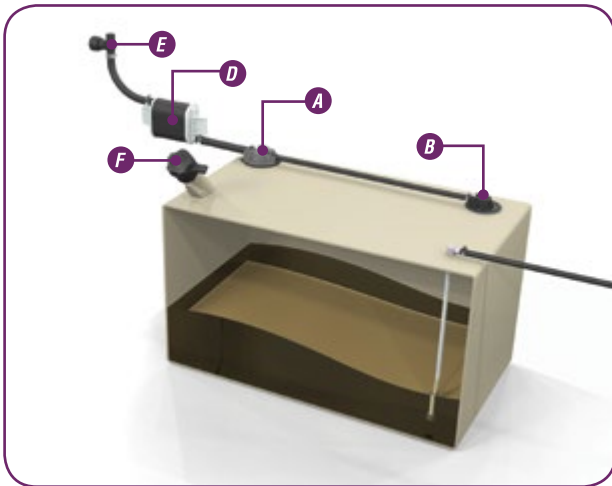
canister systems are designed to ensure liquid fuel or water does not reach the canister and are compatible with Jerry Can and marine nozzle refueling.

Direct Fill Carbon Canister Fuel System

- Single 1 psi overpressure relief safety valve built into the caps
- Automatic nozzle shutoff 4-10 gpm
- Anti-backout feature prevents accidental removal
- Reduced number of system components

Remote Fill Carbon Canister Fuel System

- Dual 1 psi overpressure relief safety valves built into the deck fill caps
- Automatic nozzle shutoff 4-18 gpm



- **A** Fill Limit Vent Valve
- **B** Grade Valve
- **C** Inlet Control Valve
- **D** Carbon Canister

- **E** P-Trap
- **F** Direct Fill Unit
- **G** Deck Fill Unit



EPA CERTIFIED INTEGRATED FUEL SYSTEMS



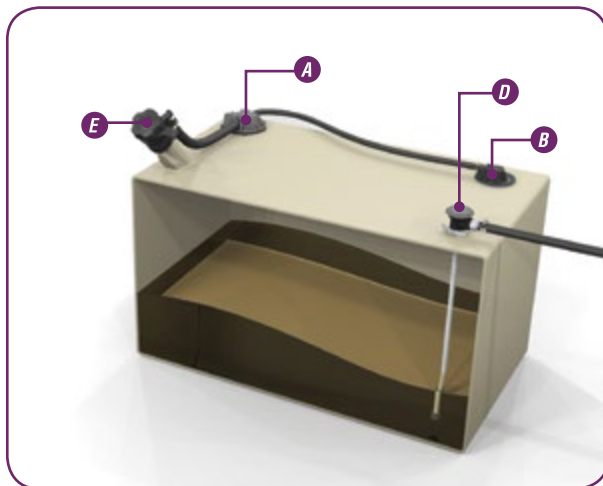
PRESSURE RELIEF FUEL SYSTEMS

Pressure relief systems are designed with automatic diurnal emission control and overpressure relief safety valves built into the cap of the fill. The overpressure relief safety valves are engineered to release pressure above 1 psi. The high-flow vacuum valves allow fresh air to enter the fuel tank to replace the fuel being consumed by the engine. Other components of a pressure relief system are designed to

ensure the tank fills to the proper level every time without spit-back or well-back. All Attwood pressure relief systems are designed to ensure water does not enter the fuel tank and are compatible with Jerry Can and marine nozzle refueling.

Direct Fill Pressure Relief Fuel System

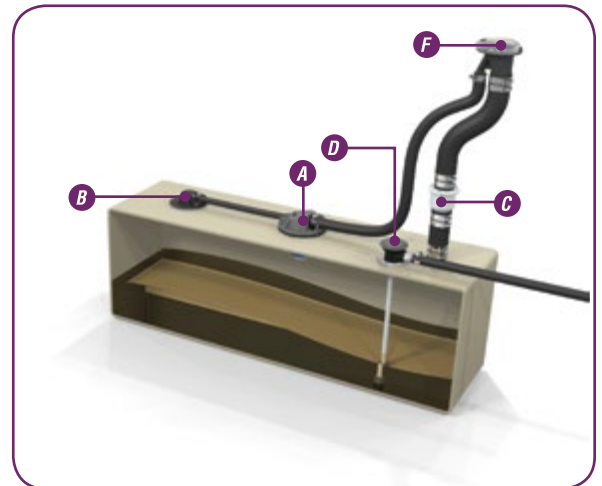
- Dual 1 psi diurnal emission control and overpressure relief safety valves built into the cap
- Dual high-flow vacuum valves ensure maximum make-up air flow with minimum vacuum restriction
- Automatic nozzle shutoff 4-10 gpm
- Anti-backout feature prevents accidental removal
- Reduced number of system components



- A** Fill Limit Vent Valve
- B** Grade Valve
- C** Inlet Control Valve

Remote Fill Pressure Relief Fuel System











- Dual 1 psi diurnal emission control and overpressure relief safety valves built into the cap
- Triple high-flow vacuum valves ensure maximum make-up air flow (compatible with high HP applications)
- Automatic nozzle shutoff 4-18 gpm



- D** Fuel Demand Valve
- E** Direct Fill Unit
- F** Deck Fill Unit

DIURNAL FUEL SYSTEM COMPONENTS



| | Carbon Canister Direct Fill | Carbon Canister Remote Fill | Pressure Relief Direct Fill | Pressure Relief Remote Fill |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Carbon Canister Deck Fills  | | See Page 85 | | |
| Carbon Canister Direct Fill  | See Page 86 | | | |
| Pressure Relief Deck Fills  | | | | See Page 88 |
| Pressure Relief Direct Fill  | | | See Page 88 | |
| Inlet Control Valve  | | See Page 90 | | See Page 90 |
| Fill Limit Vent Valve  | See Page 90 | See Page 90 | See Page 90 | See Page 90 |
| Grade Valve  | See Page 90 | See Page 90 | See Page 90 | See Page 90 |
| Carbon Canister  | See Page 87 | See Page 87 | | |
| Integrated Fuel Demand Valve  | | | See Page 88 | See Page 88 |
| P-Trap  | See Page 86 | See Page 86 | | |



INTEGRATED FUEL COMPONENTS EPA CERTIFIED



Deck Fills For Carbon Canister Systems

- Essential component of VaporTec and SecureStop
- Dual 1 psi overpressure relief safety valves built into the cap
- Automatic nozzle shutoff 4-18 gpm
- Hinged audible click cap meets EPA requirements
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.



Y1 Flat cap



Scalloped cap

| Description | Body | Cap Material | Cap Design | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------|----------|-----------------|------------|---------------------|---------|-----------------------|---------|
| Deck Fill for Carbon Canister | Straight | Black Plastic | Scalloped | 99DFCCSB1 | * | 99DFCCSB1S | * |
| | | White Plastic | Scalloped | 99DFCCSW1 | * | — | — |
| | | Chrome | Scalloped | 99DFCCSZ1 | * | 99DFCCSZ1S | * |
| | | Stainless Steel | Scalloped | 99DFCCSS1 | * | — | — |
| | | Stainless Steel | Y1 Flat | 99DFCCSSY1-1 | * | — | — |
| | Angled | Black Plastic | Scalloped | 99DFCCAB1 | * | 99DFCCAB1S | * |
| | | White Plastic | Scalloped | 99DFCCAW1 | * | — | — |
| | | Chrome | Scalloped | 99DFCCAZ1 | * | 99DFCCAZ1S | * |
| | | Stainless Steel | Scalloped | 99DFCCAS1 | * | — | — |
| | | Stainless Steel | Y1 Flat | 99DFCCASY1-1 | * | — | — |



99DFCCSSY1-1



99DFCCAB1



99DFCCAW1

Low Profile Deck Fills For Carbon Canister Systems

- Essential component of VaporTec and SecureStop
- Stainless steel construction
- Exclusive overpressure relief valve that is protected by a waterproof screen to eliminate the possibility of water entering the system
- 4-18 gpm refueling when used in an Attwood fuel system
- Flip-up tethered cap for ease of use
- Red dots indicate visual closure for EPA standards
- ISO 10088 and CE compliant
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Body | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------|--------------------|---------|-----------------------|---------|
| Low Profile Deck Fill for Carbon Canister | Straight | 99DFCCLPSS1 | * | — | — |
| | Angled | 99DFCCLPAS1 | * | — | — |



99DFCCLPSS1



99DFCCLPAS1

Direct Fill for Carbon Canister Systems



- Essential component of VaporTec and SecureStop
- Single 1 psi overpressure relief safety valve built into cap
- Anti-backout feature prevents accidental removal
- Automatic nozzle shutoff 4-10 gpm
- Reduced number of components in the system
- Includes ratcheting tethered cap
- Compatible with Attwood's carbon canister architecture
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



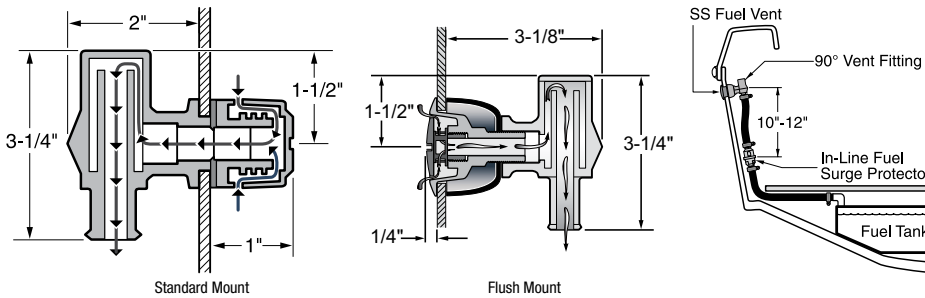
99TDF100-1

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|-------------------|---------|-----------------------|---------|
| Carbon Canister Direct Fill | 99TDF100-1 | * | — | — |

90° P-Trap Fuel Tank Vents

These vents help prevent water from entering the fuel tank, yet allow air to vent freely, during normal sea conditions and washdowns. This eliminates the need for an anti-siphon loop in the vent hose. For 5/8" I.D. hose. Meets ABYC standard. The arrows in this cross-section show the baffled route that water would have to travel in order to reach the fuel vent hose. Compatible with Ethanol blended fuels.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



1670

| Description | Maximum Hull Thickness | Installation Hole Size | Style | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------------|------------------------|------------------------|---------------------------------------|-----------------|---------|-----------------------|---------|
| Standard Mount - 5/8" I.D. Hose | 9/16" | 3/4" | Black with black vent head | 1670-1 | * | 1670-3 | * |
| | | | Black with stainless steel trim cover | 66419-1 | * | 66419-3 | * |
| Replacement covers for Standard Mount | — | — | For 1670 | 911526-1 | * | — | — |
| | | | For 66419 | 911528-1 | * | — | — |
| Flush Mount - 5/8" I.D. Hose | 1" | 1-3/8" | Black with stainless steel vent head | 1674-1 | * | 1674-6 | * |
| Replacement Spacer for Flush Mount | 1/4" - 1/2" | — | For 1674 | 911507-1 | * | — | — |
| | | | For 1674 | 911508-1 | * | — | — |



1674



Carbon Canisters

- Fits 5/8" vent hose
- Can be mounted in any orientation using brackets provided
- Compatible with Ethanol blended fuels
- Low permeation shell reduces overall system emissions
- Carbon Canister for Engine Compartment models feature a pre-installed composite heat-shield for easy installation



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | EPA RATING | | CARB RATING | | Dimensions Length Width Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|-------------------|------------|--------------------------|------------|
| | Trailerable Vessel Capacity | Non-trailerable Vessel Capacity | Trailerable Vessel Capacity | Non-trailerable Vessel Capacity | | | | | |
| SUB COMPACT | | | | | | | | | |
| Brackets OEM Installed | 28 Gal. | 44 Gal. | 22.4 Gal. | 44 Gal. | 11.6" x 5.04" x 4.01" | 99CC035-1 | * | — | |
| Carbon Canister for Engine Compartment | 28 Gal. | 44 Gal. | 22.4 Gal. | 44 Gal. | 11.68" x 4.08" x 5.68" | 99CC035HSA1 | * | — | |
| COMPACT | | | | | | | | | |
| Brackets OEM Installed | 70 Gal. | 110 Gal. | 56 Gal. | 110 Gal. | Refer to Horizontal/Vertical | 99CC045-1 | * | 99CC045-1S | * |
| Brackets Pre-installed Horizontal Orientation | 70 Gal. | 110 Gal. | 56 Gal. | 110 Gal. | 11.6" x 5.04" x 4.01" | 99CC045H1 | * | — | |
| Brackets Pre-installed Vertical Orientation | 70 Gal. | 110 Gal. | 56 Gal. | 110 Gal. | 10.48" x 3.05" x 5.50" | 99CC045V1 | * | — | |
| Carbon Canister for Engine Compartment | 70 Gal. | 110 Gal. | 56 Gal. | 110 Gal. | 11.68" x 4.08" x 5.68" | 99CC045HSA1 | * | — | |
| STANDARD | | | | | | | | | |
| Brackets OEM Installed | 220 Gal. | 350 Gal. | 176 Gal. | 350 Gal. | Refer to Horizontal/Vertical | 99CC085-1 | * | — | |
| Brackets Pre-installed Horizontal Orientation | 220 Gal. | 350 Gal. | 176 Gal. | 350 Gal. | 17.22" x 5.04" x 4.01" | 99CC085H1 | * | — | |
| Carbon Canister for Engine Compartment | 220 Gal. | 350 Gal. | 176 Gal. | 350 Gal. | 17.74" x 4.08" x 5.68" | 99CC085HSA1 | * | 99CC085HSA1S | * |
| LARGE VESSEL | | | | | | | | | |
| Brackets OEM Installed | 420 Gal. | 660 Gal. | N/A | N/A | Refer to Horizontal/Vertical | 99CC150-1 | * | 99CC150-1S | * |
| Heat Shield for Large Vessel Carbon Canister | 420 Gal. | 660 Gal. | N/A | N/A | 25.61" x 4.08" x 5.68" | 99CC150HS1 | * | — | |



Deck Fills for Pressure Relief Systems

- Essential component of VaporTec and SecureStop
- Dual 1 psi diurnal emission control overpressure relief safety valves
- Triple high-flow vacuum valves ensure maximum make-up air flow with minimum vacuum restriction
- Designed and tested to prevent water from entering the fuel system
- Automatic nozzle shutoff 4-18 gpm
- Hinged audible click cap meets EPA requirements
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Designed and tested to prevent water from entering the fuel system
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose and 5/8" vent hose
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



Y1 Flat cap



Scalloped cap



99DFPVSZ1



99DFPVASY1-1

| Description | Body | Cap Material | Cap Design | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------|-----------------|------------|----------------|---------|-----------------------|---------|
| Deckfill for Pressure Relief System | Straight | Black Plastic | Scalloped | 99DFPVSZ1 | * | — | — |
| | | Chrome | Scalloped | 99DFPVSZ1 | * | — | — |
| | | Stainless Steel | Scalloped | 99DFPVSS1 | * | — | — |
| | | Stainless Steel | Y1 Flat | 99DFPVSSY1-1 | * | — | — |
| | Angled | Black Plastic | Scalloped | 99DFPVAB1 | * | — | — |
| | | Chrome | Scalloped | 99DFPVAZ1 | * | — | — |
| | | Stainless Steel | Scalloped | 99DFPVAS1 | * | — | — |
| | | Stainless Steel | Y1 Flat | 99DFPVASY1-1 | * | — | — |

Fuel Demand Valve

The integrated fuel demand valve, used in conjunction with integrated fuel systems eliminates pressurized fuel from reaching fuel distribution lines and your engine and ensures that fuel is provided to the engine on demand rather than as a result of pressure in the tank. Additional features include:

- Compatible with Ethanol blended fuels
- Eliminates the need for rigid fuel distribution lines in pressure relief systems (per ABYC H-24.15.9)
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Specifications

| Operating Temp | Storage Temp | Operating Input Pressure | Flow Performance | Hose Size | Manual Override |
|----------------------------------|-----------------------------------|--|---|-----------------------------|-----------------|
| -20°C to 80°C (-4°F to 176°F) | -40°C to 80°C (-40°F to 176°F) | 138 kPa (20 psi) protected for 276 kPa (40 psi) psi pressure spike | 125 L/H (33 GPH) at <2 kPa (10" gasoline) | 8 mm – 10 mm (5/16" – 3/8") | Yes |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Integrated Fuel Demand Valve (IFDV) | 99IFDV00-1 | * | — | — |
| Base for Aluminum Tank | 99DVA02-1 | * | — | — |
| Pick-Up Tube Barb with O-Ring 3/8" | 99DVB01-1 | * | — | — |
| Pick-Up Tube Barb with O-Ring 1/2" | 99DVB02-1 | * | — | — |
| IFDV Installation Clip | 99DVC01-1 | * | — | — |
| IFDV Plug Cap with Seal | 99DVP03-1 | — | — | — |
| Plastic Tank Compression Nut | 99DVP04-1 | * | — | — |
| Heat Shield | 99IFDVHS1 | — | — | — |
| Single Flang Base for Plastic Tank | 99DVP05-1 | * | — | — |



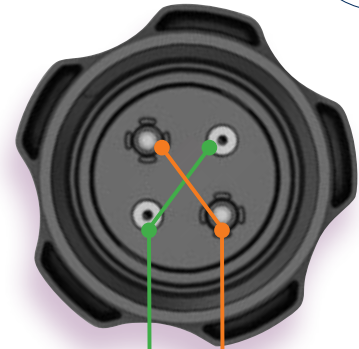
99IFDV00



Direct Fill for Pressure Relief Systems



- Essential component of VaporTec and SecureStop
- Dual high-flow vacuum valves ensure maximum make-up air flow with minimum vacuum restriction
- Dual 1 psi diurnal emission control and overpressure relief safety valves
- Anti-backout feature prevents accidental removal
- Automatic nozzle shutoff 4-10 gpm
- Reduced number of components in the system
- Includes ratcheting tethered cap
- Performs automatic shut-off function when used with an Attwood system
- EPA certified
- ISO 10088 and CE compliant
- Meets CARB 13 CCR 2235 and ISO 13331 nozzle mating and retention standards
- Compatible with Ethanol blended fuels
- Fits 1-1/2" fill hose and 5/8" vent hose
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



Dual 1 psi diurnal emission control and overpressure relief safety valves

Dual high-flow vacuum valves ensure maximum make-up air flow

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|----------------|---------|-----------------------|---------|
| Pressure Relief Direct Fill | 99TDFPV100-1 | * | — | |
| Replacement Tether | 99TDF120-1 | | — | |
| Replacement Cap | 99TDFPV110-1 | * | — | |



Inlet Control Valve

- Essential component of VaporTec and SecureStop
- Built-in overpressure relief compatibility
- Compatible with 1-1/2" fill hose
- Compatible with Ethanol blended fuels
- Can be oriented between 0°–90° in line with fuel flow

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|----------------|---------|-----------------------|---------|
| Inlet Control Valve | 99ICV000-1 | — | — | — |
| ICV Heat Shield | 99ICV000HS2 | — | — | — |



99ICV000

Fill Limit Vent Valves

- Essential component of VaporTec and SecureStop
- Sets the full level of fuel in the tank
- Prevents liquid fuel from reaching the carbon canister or vent system during vessel operation, trailering and storage
- Compatible with Ethanol blended fuels and plastic and aluminum tanks
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements and CARB and EPA requirements
- Integrated high-performance gasket included
- Assembly Guide aligns the FLVV and gasket with tank for faster installation

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Shut-off Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------------|----------------|---------|-----------------------|---------|
| Fill Limit Vent Valve with GRV Communication | 0.8" | 99FLB080-1 | * | — | — |
| | 1.00" | 99FLB100-1 | * | — | — |
| | 1.40" | 99FLB140-1 | * | — | — |
| | 1.70" | 99FLB170-1 | * | — | — |
| | 2.30" | 99FLB230-1 | * | — | — |
| | 3.30" | 99FLB330-1 | * | — | — |
| Fill Limit Vent Valve without GRV Communication | 1.40" | 99FLA140-1 | * | — | — |
| | 1.70" | 99FLA170-1 | * | — | — |
| | 2.30" | 99FLA230-1 | * | — | — |
| | 3.30" | 99FLA330-1 | * | — | — |



99FLB230

Grade Valve

- Essential component of VaporTec and SecureStop
- When used in conjunction with a fill limit vent valve, allows proper venting when the fuel tank is in unusual angles
- Prevents liquid fuel reaching the carbon canister and vent system during vessel operation, trailering and storage
- Integrated impact protection feature
- Compatible with Ethanol blended fuels
- Passes all USCG CFR 33 and ABYC H-24 fire test requirements

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| Grade Valve | 99GVP000-1 | * | — | — |
| Grade Valve Tank Gasket | 99GVG000-1 | — | — | — |



99GVP000

99GVG000

ACCESSORIES

FOR PORTABLE AND INTEGRATED FUEL SYSTEMS

Motor Well Boot

Motor well boot provides organized, covered pass-thru for control cables, wires, or fuel lines. Split side allows for installation without disconnecting controls. Includes tie for secure fit. Black rubber, UV-resistant construction with polypropylene attachment gasket ring.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| For 4"-diameter opening | — | | 12820-5 | * |



Fuel Tank Strap Sets

1"-wide white nylon web strap with zinc-plated carbon steel snap and quick-release buckle. Includes metal foot-man securing loops and screws.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------------------|----------------|-----------------------|
| 48" long for 3-6 gallon tanks | — | 11526-3 |
| 72" long for 12-gallon tanks | — | 11512-3 |



Filter Funnels

Fine mesh screen filters out most foreign matter. Lightweight floating polyethylene plastic.

| Description | Bulk Packaging | Aftermarket Packaging |
|----------------------------|----------------|-----------------------|
| Short rigid, with handle | 14582-1 | — |
| Long flexible, with handle | 14580-1 | — |



Ratcheting Gas Cap with Tether

High-flow valve exceeds OEM engine fuel flow requirements. Ratchets to ensure proper seal. For 0-350 HP engines. Compatible with 8803LP/8806LP/8812LP/8812LLP Series portable fuel tanks.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|---------|-----------------------|---------|
| Standard 2-1/4" Neck | — | | 88TC06-7 | * |



SpillBuster™

Eliminate messy and potentially dangerous spills with this versatile spout that easily attaches to your oil and fluid bottles. On/off valve controls liquid flow. SpillBuster fits 1-quart, 1-gallon, and most 5-quart bottles. Removable cap seals shut.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------|-----------------------|
| SpillBuster spout | — | 14584D1 |



14584D1

Fuel/Water Separator Assembly & Filter

With Double Seal. Universal 3/8" (.85cm) ports.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Universal Fuel/Water Separator Fits all 2 and 4 cycle engines. 10 Micron Filter and bracket included. Replaces Mercury 35-60494A4. Includes 2 brass plugs. | — | 11840-7 |
| Fuel/Water Separator 10 Micron Replacement for: Mercury 35-60494-1, Aqua Power 6031, GLM 24940, Sierra 18-78250, SMI 15494, Valmar 52113, Marpac 7-0872 | — | 11841-4 |



11840

11841

Outboard Fuel Filter

Disposable high-flow in-line fuel filters work with most outboard motors. Protects carbureted engines by trapping pollutants. Clear body allows visual inspection. High strength, impact resistant, and shatter resistant construction. Best to replace during winterize or spring start-up for optimum results.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Outboard Fuel Filter for 3/8" lines | — | | 12562-6 | |
| Universal In-Line Fuel Filter (1/4", 5/16", 3/8") | — | | 11820-7 | |



12562



11820

Fuel/Oil Mixing Bottle

Allows the addition of the exact amount of oil required for a 2 cycle engine. Oil level marks are in gallons and litres. Determines ratios for 100:1, 50:1, 24:1 and 10:1 mixes. Wide mouth, quart size bottle.

| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------------------|----------------|-----------------------|
| Oil to Gas Mixing Container | — | 11873-1 |



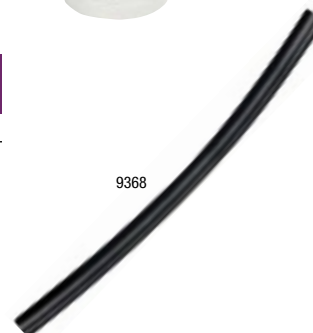
11873

Fuel Hose for Below Deck

Low-permeation, fiber-reinforced fuel line designed to prevent kinking and hardening. Compatible with Ethanol blended fuels. For use in below deck applications.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

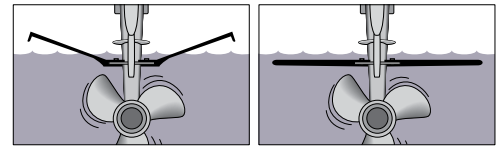
| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|---------|----------------|---------|-----------------------|---------|
| Fuel supply hose for 5/16" (A1-15) | 250 ft. | 9368A1 | * | — | |



9368

Hydro-Stabilizer

Gives outboards and sterndrives a performance boost, improving both stability and handling. The Hydro-Stabilizer out-performs ordinary flat hydrofoils by reducing drag when the hull goes on plane. Installs on a large variety of motor styles and sizes and includes stainless steel bolts and lock nuts. Wings constructed of black molded plastic. The Hydro-Stabilizer quickly puts the boat on plane and helps pull skiers out of the hole faster. Even at lower RPMs, it keeps the boat on plane. The wings provide a smoother, more stable ride and reduces prop cavitation in turns.



Hydro-Stabilizer

Ordinary Hydrofoil

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| For outboards and stern drives 50 horsepower and above | — | 9400-7 |
| For outboards under 50 horsepower | — | 9401-7 |



9400

Outboard Motor Safety Cable

Prevents loss of small outboard engines. Clear vinyl-coated, heavy-duty steel cable. Has a loop on one end, and includes a snap hook on the other end. 3/32" diameter, 50" long.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------|---------|-----------------------|---------|
| 3/32" dia. x 50" long | — | | 11664-3 | * |



11664

High-Speed Oil Change Pump **new**

Quickly extract up to 5 quarts of oil from boats, vehicles, lawn mowers, etc. in under 8-minutes. Durable construction. No power or batteries required. Change the oil through the engine dipstick tube. Tank has locking handle, and cap for the hose.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| Heavy-Duty Pump—5 quart | — | | 88EP06-4 | * |



88EP06

Gear Lube Pump

For use with 32 oz. gear lube bottles. The pump fits any outboard or sterndrive to provide universal fit. Includes one Yamaha® adapter.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|----------------|---------|-----------------------|---------|
| Gear Lube Pump | — | | 11891D7 | * |



11891

Universal Motor Flushers

Quickly flushes away salt, sand, silt, and alkali to prevent clogging and corrosion. The flusher attaches easily to an ordinary garden hose. Reinforced polypropylene. Selfadjusting clamping yoke fits most domestic or imported I/O's and outboards. Molded cups deliver fresh water from a garden hose to flush the cooling system through side intakes on the lower unit. Note: Do not use full flow from hose.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Round with plastic body | — | | 9372-2 | |
| Round with metal body | — | | 16205-2 | * |
| Rectangular motor flusher with metal body | — | | 16207-2 | |
| Universal dual water feed with metal body | — | | 16208-7 | |



9372

16205

16207

16208

PORTABLE FUEL TANKS

INTERNATIONAL (NOT FOR USE IN THE U.S.)



Atwood's advanced manufacturing technology produces high-quality, high-impact molded plastic gas tanks, fuel lines, and related products that are suitable for use with leaded, unleaded, and alcohol-blended fuels. All include vented cap, filtered pick-up tube, and gas line coupling for 1/4" NPT fittings.

3-Gallon Fuel Tanks

Perfect for use with small outboards.

- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Vented cap with manual closure for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



8803

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 3-gallon, without gauge, CSA Certified | — | | 8803i2 | * |

6-Gallon Fuel Tanks

Adapts to virtually any outboard engine.

- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Vented cap with manual closure for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



8806

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 6-gallon, without gauge, CSA Certified | — | | 8806i2 | * |
| 6-gallon, with gauge, CSA Certified | — | | 8806iG2 | * |

12-Gallon Fuel Tanks

Ideal for pontoon boats where more fuel capacity is needed.

- Fits most pontoon trays
- Manufactured from durable, high impact polyethylene—won't rust or corrode.
- Vented cap with manual closure for storage and transport
- Ergonomic handle design makes it easy to carry when full
- 1/4" NPT thread to fit all standard tank fittings and outboard engine fuel line systems
- 3/8" I.D. pick-up tube provides greater fuel flow to high performance engines

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



8812

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------------|----------------|---------|-----------------------|---------|
| 12-gallon, with gauge, CSA Certified | — | | 8812iG2 | * |

NON EPA CERTIFIED FUEL TANKS



PORTABLE FUEL COMPONENTS INTERNATIONAL (NOT FOR USE IN THE U.S.)



Fuel Line Kits

For use with portable fuel tanks and popular outboard engines. Made to the highest quality standards.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Engine | END FITTING | | | | | Primer Bulb | Fuel Demand Valve | Aftermarket Packaging | Prop 65 |
|--|-------------|----------|--------------|--------------------------|----------------|-------------|-------------------|-----------------------|---------|
| | Length | Diameter | Tank Fitting | Fits Atwood Tank Fitting | Engine Fitting | | | | |
| UNIVERSAL BRAND ENGINES AND TANKS | | | | | | | | | |
| Universal | 6' | 3/8" | None | N/A | None | Standard | No | 93806UI7 | * |
| MERCURY BRAND ENGINES AND TANKS | | | | | | | | | |
| Mercury | 6' | 3/8" | 8890LP6 | 8873-6 | 8894LP6 | Standard | No | 93806MI7 | * |
| JOHNSON BRAND ENGINES AND TANKS | | | | | | | | | |
| Johnson / Evinrude | 6' | 3/8" | 8889LP6 | 8883-6 | 8889LP6 | Standard | No | 93806EI7 | * |
| YAMAHA BRAND ENGINES AND TANKS | | | | | | | | | |
| Yamaha | 6' | 3/8" | 8896LP6 | 8897-6 | 8896LP6 | Standard | No | 93806YI7 | * |

Primer Bulbs

For easy replacement on any portable fuel line. Alcohol resistant, suitable for use with leaded and non-leaded fuels. Double check valve for quick priming and unrestricted flow. Non-corrosive, galvanized hose clamps. Strong and durable.



* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 3/8" I.D Hose — For International Markets | — | | 93038I7 | * |
| 5/16" I.D Hose — For International Markets | — | | 93516I7 | * |

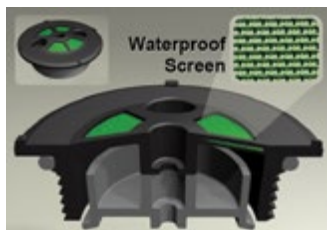


INTEGRATED FUEL COMPONENTS NOT FOR USE WITH EPA CERTIFIED SYSTEMS



Vented Deck Fills

Attwood's plastic vented deck fills incorporate an industry first patent-pending waterproof screen that eliminates the possibility of water entering a boat's fuel system, while also allowing your boat's engine to breath freely. These deck fills exceed the ISO 10088 standard for minimum required venting area and meet all ABYC and US Coast Guard safety standards for marine fuel systems. Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology. CE certified to ISO 10088 enabling sales world wide.



Features:

- Integrated patent-pending waterproof screen eliminates the possibility of water entering your boat's fuel system
- Attwood's unique design includes an integral tank vent with flame arrestor and anti-surge technology, preventing fuel from escaping into the environment
- Engineered body designed for extreme strength
- Choose from oval or round, straight or angled configurations
- Round caps available in plastic, chrome or stainless steel to fit virtually any application and budget
- Stainless steel beaded chain to prevent loss of round Gasoline, Diesel and Water caps
- ISO symbols for Gasoline, Diesel, Water and Waste are located on top of the cap
- Deck plate key is included with gasoline fill
- Fits standard 1-1/2" fuel fill hose and 5/8" vent hose
- Requires (4) #8 screws

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Material | Imprint | Cap Design | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|--------------------|-----------------|-----------------|---------------------|-----------------|-----------------------|---------|
| OVAL VENTED DECK FILLS | | | | | | | |
| Straight | Black Plastic | Gasoline | Scalloped | 99210GB1 | * | — | |
| Angled | Black Plastic | Gasoline | Scalloped | 99211GB1 | * | — | |
| ROUND VENTED DECK FILLS | | | | | | | |
| Straight | Black Plastic | Gasoline | Scalloped | 99200GB1 | * | — | |
| | Stainless Steel | Gasoline | Scalloped | 99200GS1 | * | — | |
| | | Diesel | Scalloped | 99200DS1 | * | — | |
| | | Water | Scalloped | 99200WS1 | * | — | |
| | Chrome | Gasoline | Scalloped | 99200GZ1 | * | — | |
| Angled | Black Plastic | Gasoline | Scalloped | 99201GB1 | * | — | |
| | | Stainless Steel | Gasoline | Scalloped | 99201GS1 | * | — |
| | Stainless Steel | Diesel | Scalloped | 99201DS1 | * | — | |
| | | Water | Scalloped | 99201WS1 | * | — | |
| | | Chrome | Gasoline | Scalloped | 99201GZ1 | * | — |
| Chrome | Gasoline | Scalloped | 99201WZ1 | * | — | | |
| | Water | Scalloped | 99201WZ1 | * | — | | |
| ROUND WASTE DECK FILLS | | | | | | | |
| Straight | Stainless Steel | Waste | Scalloped | 99202WS1 | * | — | |
| | Chrome-plated Zinc | Waste | Scalloped | 99202WZ1 | * | — | |
| Angled | Stainless Steel | Waste | Scalloped | 99202AWS1 | * | — | |
| | | Waste | Y1 | 99202AWSY1-1 | * | — | |



1-1/2" Deck Fills, Enhanced 316 Stainless Steel Alloy

For 1-1/2" I.D. hose. Deck fills available with imprint to specify GASOLINE, DIESEL, WATER, or WASTE. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel beaded chain. 3-1/4" long fill neck. Key sold separately. 66126 waste model has internal threads for pump-out nozzle. Use for vessels with built-in holding tanks. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gas and diesel models per USCG and ABYC H-24 requirements.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Specifications

| Part No. | Fill Neck Length | Installation Hole Size | Flange Size | Hose Size | Fastener Size |
|---------------------|------------------|------------------------|-------------|-------------|---------------|
| 66406, 66407, 66408 | 3-1/4" | 1-7/8" | 3" | 1-1/2" I.D. | #10 |
| 66126 | 3-1/4" | 2-1/4" | 3-1/2" | 1-1/2" I.D. | #10 |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| "Gasoline" imprint with Red Color Code | 66446C1 | * | 66406-5 | * |
| "Water" imprint with Blue Color Code | 66408C1 | * | — | — |
| "Waste" imprint with Black Color Code | 66126C1 | * | — | — |
| Replacement key | 66060-1 | — | — | — |
| Replacement cap and chain† | — | — | 66074-3 | — |
| Replacement cap and chain only for 66126 | — | — | 66061-3 | — |



66446C



2" Deck Fills, Enhanced 316 Stainless Steel Alloy

For 2" I.D. hose. These deck fills are both imprinted and color-coded to specify either GASOLINE or DIESEL. Highly-polished finish. Flush cap is slotted for separate key and features an O-ring that seals the cap watertight. Cap is attached by a stainless steel, beaded chain. Long neck accommodates thick deck laminations. Key sold separately. Note: Requires a bonding wire to prevent sparking when nozzle is inserted on gasoline and diesel models per USCG and ABYC H-24 requirements.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Specifications

| Fill Neck Length | Installation Hole Size | Flange Size | Hose Size | Fastener Size |
|------------------|------------------------|-------------|-----------|---------------|
| 3-1/4" | 2-1/4" | 3-1/2" | 2" I.D. | #10 |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| "Gasoline" imprint with Red Color Code | 66411C1 | * | — | — |
| "Diesel" imprint with Green Color Code | 66412C1 | * | — | — |
| Replacement key | 66060-1 | * | — | — |
| Replacement cap and chain | — | — | 66061-3 | * |



66411

† Replacement for 66406, 66407, 66408 and 66408C1 only

FUEL VENTS



Enhanced 316 Stainless Steel Alloy Flush-Mount Fuel Vents

On the exterior, they have a smooth edge over the competition. Unlike some others, there is no protruding cap to cause damage — or be damaged by — hull bumps and scrapes. Cap unscrews with hex head wrench for easy cleaning of filter and pressure testing of entire fuel system. These vents now include two silicone gaskets.



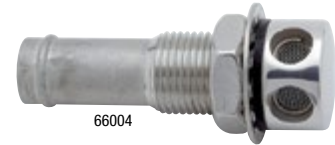
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Hose Size | Maximum Hull Thickness | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|-----------|------------------------|------------------------|----------------|---------|-----------------------|---------|
| Straight Vent | 5/8" I.D. | 7/8" | 1-3/8" | 66031-1 | | 66031-3 | |
| 90° Vent | 5/8" I.D. | 7/8" | 1-3/8" | 66032-1 | * | 66032-3 | * |

Enhanced 316 Stainless Steel Alloy Fuel Vents

Stainless steel vents with spark-proof screen holes.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Hose Size | Maximum Hull Thickness | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|-----------|------------------------|------------------------|----------------|---------|-----------------------|---------|
| Straight Vent | 5/8" I.D. | 1/2" | 7/8" | 66004-1 | * | — | |
| 90° Vent | 5/8" I.D. | 1/2" | 7/8" | 66023-1 | | — | |

Polypropylene Fuel Vents

Patented splash-resistant, corrosion-resistant polypropylene.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Color | Hose Size | Maximum Hull Thickness | Installation Hole Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|-------|-----------|------------------------|------------------------|----------------|---------|-----------------------|---------|
| Straight Vent | Black | 5/8" I.D. | 7/8" | 3/4" | 1607-1 | * | 1607-3 | * |





| | |
|--|----------------|
| ANCHORING & MOORING EQUIPMENT | 100-107 |
| MARINE ROPES & CORDAGE | 108-115 |
| FISHING ROD HOLDERS & ACCESSORIES | 116-123 |
| MARINE MAINTENANCE PRODUCTS | 124-125 |
| INTERIOR & BOATING ACCESSORIES | 126-134 |
| ELECTRICAL ACCESSORIES | 135-143 |
| PADDLESPORTS & ACCESSORIES | 144-153 |
| TRAILERING PARTS & ACCESSORIES | 154-168 |



ANCHORING AND MOORING EQUIPMENT

Mushroom Anchors

Mushroom anchors are an economical solution for light-weight boats. The wide-area mushroom cup provides sufficient holding power in mud and weed bottoms.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Gray cast iron
- Large, steel eye
- Available coated with aluminum-painted finish or black PVC-coated finish

| Description | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|---------|----------------|---------|-----------------------|---------|
| Aluminum - Painted | 8 lbs. | 9941-1 | * | — | |
| | 10 lbs. | 9942-1 | * | — | |
| | 15 lbs. | 9943-1 | * | — | |
| Black PVC-coated | 8 lbs. | 9941B1 | * | — | |
| | 10 lbs. | 9942B1 | * | — | |
| | 15 lbs. | 9943B1 | * | — | |



Navy Anchors

Navy anchors combine weight with flukes to dig in and hold firmly in sand and mud. The reverse action of the shank allows quick retrieval of a fouled anchor. High-quality, gray iron casting available with aluminum-painted or black PVC-coated finish.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|---------|----------------|---------|-----------------------|---------|
| Aluminum - Painted | 10 lbs. | 9933-1 | * | — | |
| | 15 lbs. | 9934-1 | * | — | |
| | 20 lbs. | 9935-1 | * | — | |
| Black PVC-coated | 10 lbs. | 9933B1 | * | — | |
| | 15 lbs. | 9934B1 | * | — | |
| | 20 lbs. | 9935B1 | * | — | |



River Anchors

River anchors catch and hold river bottoms where mud, rocks, stumps, and brush are present. Flukes act like a grappling hook to snag rocks or other objects. Gray, cast iron with a large, steel eye and black PVC-coated or aluminum-painted finish.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|---------|----------------|---------|-----------------------|---------|
| Aluminum - Painted | 8 lbs. | 9944-1 | * | — | |
| | 12 lbs. | 9945-1 | * | — | |
| | 15 lbs. | 9948-1 | * | — | |
| | 18 lbs. | 9946-1 | * | — | |
| Black PVC-coated | 8 lbs. | 9944B1 | * | — | |
| | 12 lbs. | 9945B1 | * | — | |
| | 15 lbs. | 9948B1 | * | — | |
| | 18 lbs. | 9946B1 | * | — | |



Note- All Bulk Packed anchors include ID label with UPC number/bar code.

PENETRATING FLUKE ANCHORS

Penetrating fluke anchors dig into mud, sand, or gravel and stow flat. Pivoting flukes rotate downward into bottom. Excellent weight-to-holding power ratio compared to cast anchors. All Atwood penetrating anchors are manufactured of hot dip galvanized steel for corrosion resistance and strength. The assembly is arc-welded steel that maintains consistent fluke-to-shank angles, ensuring quick penetration and a firm hold.

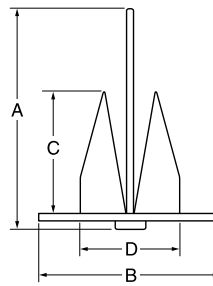
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Solid Shank Penetrating Anchors

Solid shank for durability and strength.

Specifications

| Part No. | A | B | C | D |
|----------|--------|--------|--------|-------|
| 9955-1 | 22.25" | 18.38" | 12.20" | 10.0" |
| 9956-1 | 28.18" | 21.0" | 14.50" | 11.0" |
| 9957-1 | 32.0" | 24.0" | 16.50" | 12.0" |



| Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------|----------------|---------|-----------------------|---------|
| #8 | 9955-1 | * | — | |
| #13 | 9956-1 | * | — | |
| #18 | 9957-1 | * | — | |

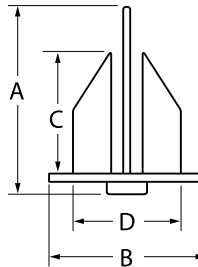
Slip-Ring Penetrating Anchors

Feature a slip-ring shank for easy retrieval of a snagged anchor.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Specifications

| Part No. | A | B | C | D |
|----------|--------|--------|-------|-------|
| 9960-1 | 13.85" | 11.50" | 8.75" | 8.0" |
| 9961-1 | 16.35" | 13.25" | 8.88" | 8.88" |
| 9962-1 | 19.85" | 14.25" | 9.50" | 10.0" |
| 9963-1 | 21.85" | 21.0" | 12.0" | 12.0" |



| Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------|----------------|---------|-----------------------|---------|
| #5 | 9960-1 | * | — | |
| #7 | 9961-1 | * | — | |
| #10 | 9962-1 | * | — | |
| #13 | 9963-1 | * | — | |

Grapnel Folding Anchors

Ideal four-fluke anchor for personal watercraft (PWC), small craft, and dinghies. Heavily galvanized, malleable iron. Folds up easily for storage. Lockable in opened or closed position.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------|----------------|---------|-----------------------|---------|
| 3 lbs. | 11964-1 | * | — | |
| 5 lbs. | 11966-1 | * | — | |
| 7.5 lbs. | 11968-1 | * | — | |



Grapnel Anchor System

3.5 lb. anchor will hold your PWC, canoe, dinghy, kayak, or float tube in mud, sand, gravel, and rock. Includes 25 ft. of rope, marker buoy, giant snap hook, anchor, and durable, nylon storage case that protects your boat from scratches.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------|---------|-----------------------|---------|
| Grapnel Anchor System | — | * | 11969-4 | * |

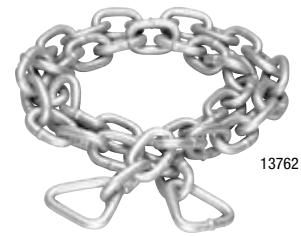


Note- All Bulk Packed anchors include ID label with UPC number/bar code.

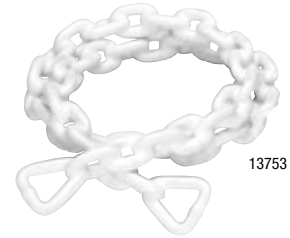
Anchor Chains

For use on penetrating anchors. Anchor lead chain holds down anchor shanks, in order to keep anchor flat. Increases holding strength, especially in strong currents, high winds, and coastal waters. Protects line from chafing on sharp rocks. These anchor chains include a welded, oversized link on each end for easy installation and anchor attachment. PVC-coated models protect against hull and deck abrasions.

| Description | Dimensions | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|------------|----------------|---------|-----------------------|---------|
| Hot dip galvanized with 2 shackles | 1/4" x 4' | — | | 13753-7 | |
| PVC-coated | 5/16" x 5' | — | | 13764-4 | * |



13762



13753

Shackles

Bow-style shackles connect anchor, chain, and components together. Allow thimble to swivel when anchor gear is in constant motion. Hole in clevis pin to secure with safety wire. Available in economical galvanized steel for freshwater or formed Stainless Steel for strength and corrosion-resistance.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Pin Diameter | U-Shank Opening | Length | Maximum Safe Load | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|--------------|-----------------|----------|-------------------|----------------|---------|-----------------------|---------|
| Galvanized Steel | 5/16" | 3/8" | 1-13/16" | 1,500 lbs. | 9922-1 | | 9922-3 | |
| | 3/8" | 1/2" | 1-15/16" | 2,400 lbs. | 9923-1 | | 9923-3 | |
| | 1/2" | 3/4" | 2-7/8" | 5,000 lbs. | 9924-1 | | 9924-3 | |
| Stainless Steel | 3/16" | 7/16" | 1-7/16" | 900 lbs. | — | | 12401L3 | |
| | 1/4" | 1/2" | 1-9/16" | 1,500 lbs. | — | | 12403L3 | * |
| | 5/16" | 5/8" | 2-1/16" | 2,000 lbs. | — | | 12405L3 | * |
| | 3/8" | 3/4" | 2-7/16" | 3,000 lbs. | — | | 12407L3 | |
| | 1/2" | 1" | 3-1/4" | 5,000 lbs. | — | | 12409L3 | |



12401

Lift 'n Lock Anchor Control

Easy-to-use anchor lift and pulley system supports anchors up to 20 pounds with 1/2-inch diameter line (sold separately).

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Deluxe Anchor Control

- High-impact, reinforced nylon
- Stainless steel shafts
- Easy pull-up, lock, and release

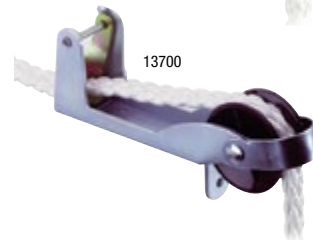
Standard Anchor Control

- Economical zinc-plated, steel anchor lift
- Nylon pulley system
- Steel sheave controls anchor from any position

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|----------------|---------|-----------------------|---------|
| Deluxe—Anchor Lift 'n Lock | — | | 13702-4 | * |
| Standard—Anchor Lift 'n Lock | — | | 13700-7 | * |



13702



13700

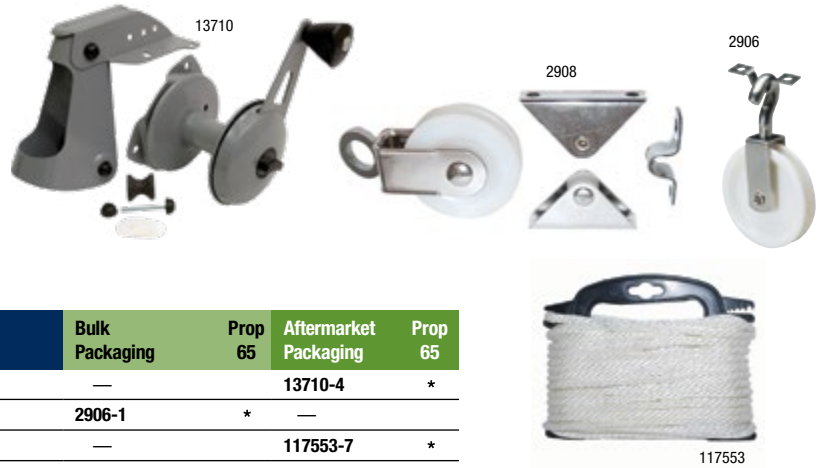
Note- All Bulk Packed Chains/Shackles include ID label with UPC number/bar code



Anchor Lift System

This convenient system drops the anchor at the turn of a button and stores it in the anchor mount housing when not in use. Constructed of heavy-gauge steel with a durable powder coated finish and mounts on the bow or stern corners most boats. Features self-lubricating nylon wheels. Capacity for 100 ft. of 3/16-inch line (Anchor Line and Pulley System sold separately).

* **⚠️ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Anchor Lift System | — | | 13710-4 | * |
| Tiller Line Pulley | 2906-1 | * | — | |
| 3/16" x 100' Braided line for lift system | — | | 117553-7 | * |

Anchor Buoy

One-piece, heavy-duty construction uses premium marine-grade vinyl for softness, pliability, and superior durability. Built-in UV inhibitors help maintain high-visibility, fluorescent orange color. MicroGuard® technology further protects from rotting, mold, and mildew.



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Buoy, 9" | — | | 9350-4 | * |

Anchor Ring & Rope

Assists in anchor retrieval. Designed to lift anchor systems up to 80 lbs. where 10 feet or more of anchor chain is used. Lifting capacity based on anchor buoy size. Buoy sold separately.



| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------------|----------------|-----------------------|
| Anchor Ring with rope | — | 9351-2 |



SOFTSIDE FENDERS

Attwood SoftSide fenders come with a lifetime guarantee against chalking, splitting, marring, deflating, and crushing. All SoftSide fenders are made in the U.S.A. and resistant to UV and fading. Soft to the touch and easy on hulls, consumers trust the Attwood name in fenders.

SoftSide Oval Mooring Fenders

Molded from a lightweight polymeric material that is soft to the touch, and easy on hulls, and resistant to UV, chalking, splitting, and crushing. Double-molded eye ends for extra strength. Seamless one-piece construction.

Oval shape and ribbed sides resist rolling against hull.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Sold in a display carton for easy display
- Guaranteed for life against splitting or bursting



| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|-------|----------------|---------|-----------------------|---------|
| 4"-dia. x 16" L | White | — | — | 9354D1 | — |
| | Blue | — | — | 9354BD1 | — |
| 5"-dia. x 22" L | White | — | — | 9355D1 | — |
| 5"-dia. x 22" L, 2-Pack | White | — | — | 93552P2 | * |
| 5"-dia. x 22" L, 3-Pack | White | — | — | 93553P2 | * |
| 5"-dia. x 22" L, PDQ | Blue | — | — | 9355BD1 | — |
| 6"-dia. x 24" L | White | — | — | 9356D1 | — |
| | Blue | — | — | 9356BD1 | — |
| 8"-dia. x 28" L | White | 9358-1 | — | — | — |
| | Blue | 9358B1 | — | — | — |

| Description | Dimensions | Mounting Pattern | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|------------------------|------------------|----------------|---------|-----------------------|---------|
| Pontoon Fender | 8 1/2" x 16 1/2" x 10" | Strap | — | — | 93536-1 | * |



Note - All Bulk Packed fenders include ID label with UPC number/bar code.



SoftSide Dock Fenders

Molded from a lightweight polymeric material that is soft to the touch, easy on hulls, and resistant to UV, chalking, splitting, and crushing. Seamless one-piece construction.

- Sold in a PDQ display carton for easy retail display
- Guaranteed for life
- Made in the U.S.A.

| Description | Dimensions | Mounting Pattern | Bulk Packaging | Aftermarket Packaging |
|------------------------------|---|-------------------|----------------|-----------------------|
| 12" x 12" Corner Dock Fender | 11 3/4" x 11 3/4" x 4 1/2" Fits 90° angle" | Four 5/16" holes | — | 93531-1 |
| Straight-Edge Dock Fender | 18" x 3 1/2" x 4 1/2" | Three 5/16" holes | — | 93532-1 |
| Slide-On Post Dock Fender | 7" diam. x 15" height Fits up to 2 3/8" O.D. Post" | Four 5/16" holes | — | 93533-1 |
| Round Corner Dock Fender | 7" diam. x 15" height Fits 90° angle" | Six 5/16" holes | — | 93534-1 |
| Long-Edge Dock Fender | 45" x 8 1/2" x 6" | Four 5/16" holes | — | 93537-1 |



Note- All Bulk Packed fenders include ID label with UPC number/bar code.

Fold-Down Dock Cleats

Ideal for small boats and watercraft. Cleats simply fold-down when not in use and flip back up when it comes time to tie off. Low-profile, fold-down design keeps cleat clear of dock traffic. Marine-grade aluminum protected with corrosion-resistant finish. Easy to install on all dock types with (2) standard 3/8-inch carriage bolts (not included).

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|-------|----------------|---------|-----------------------|---------|
| 6" Fold-Down Cleat | White | — | | 12048-4 | * |
| 8" Fold-Down Cleat | White | — | | 12049-4 | * |

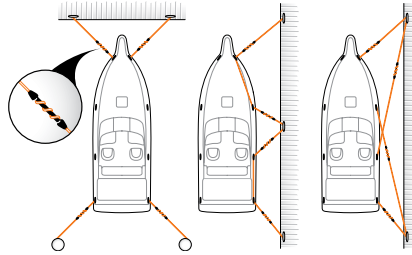


12048

Mooring Line Snubbers

An ideal shock absorber for small boat mooring and docking lines. Eases strain on mooring lines caused by wind or tides. High-tensile rubber construction resists saltwater, fuels, and acids.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



9947

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------|---------|-----------------------|---------|
| 22" long, White, pair | — | | 9947-3 | * |

Mooring Snubber Kit

This flexible snubber stretches to absorb shock and protect boats, cleats, and lines from the strain of wind and water. The resilience of the snubber can be adjusted to conditions by increasing or decreasing the amount of line wrapped around it. Includes snubber and 20 ft. of solid braided multifilament polypropylene dock line.

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|---------------------|-----------|--------|-------|----------------|-----------------------|
| Mooring Snubber Kit | 3/8" | 20 ft. | Blue | — | 11730-7 |



11730



Mooring Fender Lock Kit

Quickly and easily install or move fenders when mooring. Simply tie fender line onto key and insert key into lock. Includes (2) flush-mount stainless steel mounting plates and (2) stainless steel keys. Fasten with (2) #10 fasteners. Accepts up to 1/2-inch rope.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



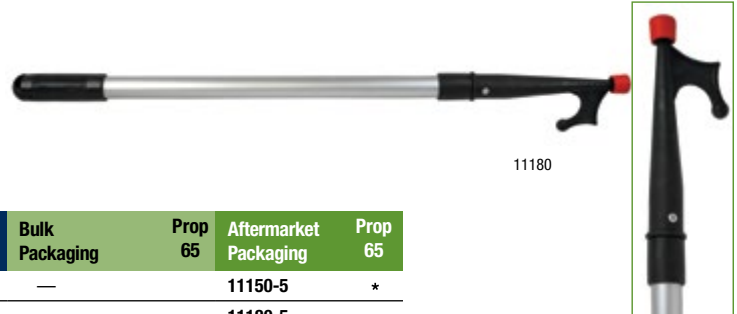
11575

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|----------------|---------|-----------------------|---------|
| 2" W x 1" H, Set | — | | 11575-3 | * |

Boat Hook

Telescoping adjustment collar has molded ribbing – easy to grip and twist for length adjustment, even when wet. High-quality 6061-T6 aluminum tubing with marine finish and rubber vinyl grips. Hook includes non-marring polyethylene tips.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



11180

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|----------------|---------|-----------------------|---------|
| Extends 3-1/2' to 5-1/2' | — | | 11150-5 | * |
| Extends 3-1/2' to 8' | — | | 11180-5 | * |

MARINE ROPES & CORDAGE

Attwood offers a complete line of anchor and mooring products with the premium performance and quality that boaters have come to expect. Our rope products are packaged to look great, while meeting the sustainability and functional requirements demanded by our retail customers.

ROPE MATERIALS

NYLON

Nylon is recognized in the marine industry for its inherent strength, durability, and versatility. Its elasticity allows it to manage the sudden shock loads that would break ropes constructed from other materials, making it a leading choice for anchor and dock lines. Nylon is also abrasion resistant and will last much longer than natural fiber ropes.

Made from multifilament fibers that are light and heat stabilized, nylon rope is also resistant to rot, oils, gasoline, grease, marine growth, and most chemicals.

Benefits

- Strength
- Elasticity enables stretching and reduced breakage
- Resistant to UV light, rot, abrasion, mildew, oils, gasoline, and marine growth
- High wet strength

POLYPROPYLENE

Polypropylene offers high strength-to-weight performance and is available in many construction methods using monofilament fibers, which are smooth and velvety, and multifilament fibers. Both fiber types are UV stabilized to provide resistance against fading and degradation. Waterproof polypropylene ropes float and are also resistant to rot, oils, gasoline, and most chemicals.

Benefits

- Economical and versatile
- Resistant to UV light, rot, abrasion, mildew, oils, gasoline, and marine growth
- Floatable

ATTWOOD ROPE CONSTRUCTION TYPES



Twisted

- Splicable
- Economical construction
- The most common construction type for general purpose rope



Solid Braided

- Resists rotating underload
- Strong, soft, and light-weight construction
- Ideal for use in pulleys, guides, and blocks
- Resists unraveling when cut



Double Braided

- Braid over braid construction (two ropes combined into one rope)
- Splicable
- Does not hockle, kink, or rotate underload
- Excellent shock absorption and elasticity



Diamond Braided

- High quality construction
- Tight interlacing of yarns
- Stiffer than solid braided rope



Hollow Braided

- Diamond braid construction with hollow center
- Easiest type construction to splice

ANCHOR LINES

Attwood offers anchor lines in different materials and construction types. Our twisted nylon construction is strong, hangs straight, and resists kinking. It can also be spliced, making it a favorite for the seasoned boater. Solid braided nylon lines are stable round cords that will not flatten out and will maintain a soft hand and flexibility throughout its life. We also offer a complete line of polypropylene anchor lines that are sure to meet the needs of any boater.

Premium Nylon Anchor Line

Available with Snap Hook or Thimble

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|---------------------------------|-----------|---------|-------|----------------|-----------------------|
| Twisted nylon line with hook | 3/8" | 50 ft. | White | — | 11707-7 |
| Twisted nylon line with thimble | 3/8" | 100 ft. | White | — | 11734-1 |
| | | 150 ft. | White | — | 11708-1 |
| | | 200 ft. | White | — | 11716-1 |
| | | 100 ft. | White | — | 11709-1 |



11707



11709

Solid Braided MFP Anchor Line

Available with Spring Hook or Thimble

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|---------------------------|-----------|---------|-------|----------------|-----------------------|
| MFP line with spring hook | 3/8" | 50 ft. | White | — | 11723-7 |
| | | | Red | — | 11736-7 |
| | | | Blue | — | 11741-7 |
| | | | Black | — | 11742-7 |
| MFP line with thimble | 3/8" | 100 ft. | White | — | 11724-1 |



11723

11724

Hollow Braided Polypropylene Anchor Line

Available with Snap Hook or Thimble

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|--------------------------------|-----------|---------|------------|----------------|-----------------------|
| Polypropylene with snap hook | 1/4" | 50 ft. | White | — | 11714-2 |
| Polypropylene with spring hook | 3/8" | 50 ft. | Blue/White | — | 11725-2 |
| | 1/4" | 100 ft. | Blue/White | — | 11722-2 |



11714



11725



DOCK LINES

Attwood has a selection of dock lines to meet all boater needs for securing their boat to a dock or to other boats when rafting. Whether in nylon or polypropylene, we have dock lines in the most popular sizes and styles. Our nylon dock lines are the strongest and most durable lines available, plus they are resistant to the degradation effects of UV rays.

Our polypropylene dock lines are floatable. All Attwood dock lines are pre-spliced at one end.



3-Strand Twisted Nylon



Double Braided Nylon



Braided MFP



Hollow Braided Polypropylene

Premium 3-Strand Twisted Nylon Dock Line

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|-------|----------------|-----------------------|
| 3/8" | 10 ft. | White | — | 11711-7 |
| | 15 ft. | White | — | 11705-7 |
| 1/2" | 15 ft. | White | — | 11706-7 |
| | 20 ft. | White | — | 11733-7 |
| | 25 ft. | White | — | 11715-7 |



Premium Double Braided Nylon Dock Line

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|------------|----------------|-----------------------|
| 3/8" | 15 ft. | Gold/White | — | 11701-7 |
| | | White | — | 117601-7 |
| | | Blue | — | 117603-7 |
| | | Black | — | 117604-7 |
| 20 ft. | | Gold/White | — | 117563-7 |
| | | White | — | 117605-7 |
| | | Blue | — | 117607-7 |
| | | Black | — | 117608-7 |
| 25 ft. | | Gold/White | — | 117564-7 |
| | | White | — | 117680-7 |
| | | Black | — | 117681-7 |



(Continued on next page)



Premium Double Braided Nylon Dock Line

(Continued)

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Thickness | Length | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------|------------|------------|----------------|----------|-----------------------|---------|
| 1/2" | 15 ft. | Gold/White | — | | 117565-7 | |
| | | White | — | | 117614-7 | |
| | 20 ft. | Gold/White | — | | 117566-7 | |
| | | Black | — | | 117617-7 | |
| | 25 ft. | Gold/White | — | | 117567-7 | |
| | | Black | — | | 117621-7 | |
| 30 ft. | Gold/White | — | | 117684-7 | | |
| 5/8" | 35 ft. | Gold/White | — | | 117525-7 | * |



Gold/White



White



Red



Blue

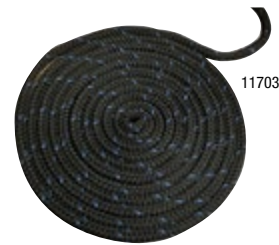


Black



Braided MFP Dock Line

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|----------------|-----------|--------|-------|----------------|-----------------------|
| Double Braided | 3/8" | 15 ft. | Blue | — | 11702-7 |
| | | | Black | — | 11703-7 |
| Solid Braided | 3/8" | 15 ft. | White | — | 11737-7 |
| | | | Red | — | 11749-7 |
| | | | Blue | — | 11750-7 |
| | | | Black | — | 11752-7 |



Mooring Snubber Kit

This flexible snubber stretches to absorb shock and protect boats, cleats, and lines from the strain of wind and water. The resilience of the snubber can be adjusted to conditions by increasing or decreasing the amount of line wrapped around it. Includes snubber and 20 ft. of solid braided multifilament polypropylene dock line.

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|---------------------|-----------|--------|-------|----------------|-----------------------|
| Mooring Snubber Kit | 3/8" | 20 ft. | Blue | — | 11730-7 |



Hollow Braided Polypropylene Dock Line

- 15 ft. of hollow, braided polypropylene dock line
- All our polypropylene dock lines are floatable and pre-sliced at one end

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|------------|----------------|-----------------------|
| 3/8" | 15 ft. | Blue/White | — | 11728-2 |



Expandable Dock Mooring Line

- Absorbs shock by stretching from 4 ft. to 5.5 ft.
- Convenient and easy to use -- eliminates excess lines
- Perfect for multiple boat tie ups
- Hollow-braid polyethylene line and shock cord construction

| Description | Length | Color | Bulk Packaging | Aftermarket Packaging |
|----------------------|--------|-------|----------------|-----------------------|
| Expandable Dock Line | 4 ft. | Black | — | 11729D5 |



Launch Line

- Solid braid MFP line includes spring hook and handy foam grip
- Easy to handle floatable line that dries quickly
- UV Resistant
- Helps assist or steer your boat when launching or loading

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|-------|----------------|-----------------------|
| 5/16" | 30 ft. | Blue | — | 11732-7 |



FENDER LINES

Attwood Fender Lines are constructed of double braided or 3-strand twisted nylon for strength, flexibility, and durability. These premium lines feature a professionally spliced eye and are available in a range of diameters, lengths, and colors. Our Fender Lines will not be damaged by oil, grease, gasoline, mildew, or most chemicals.

Double Braided Fender Lines

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|----------------------------|-----------|--------|-------|----------------|-----------------------|
| Double Braided Nylon, pair | 1/4" | 5 ft. | White | — | 11843-7 |
| | | 6 ft. | White | — | 11971-7 |



UTILITY ROPES

We have just the unique rope product and accessory that are always practical and valuable for the many uses around the boat, marina and home.

Braided Polypropylene Utility Line

- Multi color offering
- 75 foot offering comes in PDQ retail display of four ropes
- 25 foot offering comes in PDQ retail display of three ropes

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|-------|----------------|-----------------------|
| 3/8" | 25 ft. | Multi | — | 11704-2 |



Hollow Braided Polypropylene Utility Line

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|---------|--------|----------------|-----------------------|
| 5/16" | 50 ft. | Blue | — | 11713-2 |
| 1/4" | 40 ft. | Yellow | — | 11710-2 |
| | 50 ft. | Yellow | — | 11720-2 |
| | 100 ft. | Blue | — | 11721-2 |



Diamond Braided Polypropylene Utility Line

- Great for miscellaneous uses around the boat, home, and marina
- Neon multi-color offering

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|------------|----------------|-----------------------|
| 1/8" | 45 ft. | Neon Multi | — | 11700-2 |



11700

Camouflage Cord Utility Line

- Great for hunting, fishing, boating, and camping
- 75 foot offering comes in PDQ retail display of four ropes

| Description | Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-------------------------------|-----------|---------|-------|----------------|-----------------------|
| Diamond Braided MFP Camo Cord | 1/8" | 50 ft. | Camo | — | 11717-2 |
| | | 100 ft. | Camo | — | 11718-2 |
| | 1/4" | 50 ft. | Camo | — | 11719-2 |



11717

Twisted Nylon Utility Line

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|-------|----------------|-----------------------|
| 1/4" | 50 ft. | White | — | 11726-2 |



11726

Solid Braided Nylon Rope

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|---------|-------|----------------|-----------------------|
| 3/16" | 100 ft. | White | — | 117553-7 |



117553

Diamond Braided Nylon Rope

| Thickness | Length | Color | Bulk Packaging | Aftermarket Packaging |
|-----------|--------|-------|----------------|-----------------------|
| 1/4" | 50 ft. | White | — | 117561-2 |



117561

Winch Ropes

Durable winch ropes available in braided nylon and twisted polypropylene. For winches rated up to 1,200 lbs.

| Thickness | Length | Material | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------|--------|-----------------------|-------|----------------|---------|-----------------------|---------|
| 3/8" | 20 ft. | Twisted Polypropylene | Black | — | | 11739-2 | * |



11739

Marine Bungee Cord Pack

Ideal for boat covers and general use.

- High tensile strength steel hooks with protective coating
- Contains: (8) 24" White, (6) 30" Blue, (2) 42" Yellow and (2) Adjustable Hooks for Customizing Length

| Description | Length | Color | Bulk Packaging | Aftermarket Packaging |
|---------------------|--------|-------|----------------|-----------------------|
| 18 Piece Assortment | Multi | Multi | — | 11712-7 |



11712

Flat Bungee Set

5-piece set includes 12", 15", 25", 35" and 45" premium flat bungees with plastic encapsulated hooks. Individual colors.

| Description | Length | Color | Bulk Packaging | Aftermarket Packaging |
|--------------------|--------|-------|----------------|-----------------------|
| 5-Piece Assortment | Multi | Multi | — | 11753-7 |



11753

MARINE ROPE ACCESSORIES

Rope Wraps

Wrap around and hold your ropes, cords, hoses, and more.

| Description | Bulk Packaging | Aftermarket Packaging |
|---|----------------|-----------------------|
| Three (3) 1" x 12" straps, with sewn in hook-and-loop fasteners | — | 11792-6 |



11792

FISHING ROD HOLDERS & ACCESSORIES

The Fishing Leader!

- Make Attwood your fishing source
- Now, more than ever, Attwood is your best source for adjustable rod holders and interchangeable mounts. We think you'll agree — Attwood's comprehensive selection has you covered for all types of rod holders!

Pro Series Rod Holders



Designed for use with bait casting and spinning reels. Heavy-duty, deep-tooth gear lock securely holds rod holder in mounting base.

* **⚠️ WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|-------|----------------|---------|-----------------------|---------|
| with Combo Mount | Black | — | | 5010-4 | * |



5010

Heavy-Duty Adjustable Rod Holders



Designed for use with bait casting and spinning reels. Features an ergonomic design and easy-to-find rapid-release latch. The large, easy-grip lock-nut offers an easy 180° vertical adjustment range for a variety of rod tip height settings.

| Description | Color | Bulk Packaging | Aftermarket Packaging |
|------------------|-------|----------------|-----------------------|
| with Combo Mount | Black | — | 5009-4 |
| | White | — | 5009W4 |
| with Flush Mount | Black | — | 5014-4 |



5009

2-In-1 Non-Adjustable Rod Holders

Features fixed vertical angle to optimize rod positioning. Smaller size is perfect for medium and light action gear. Rod throat opening fits most standard and ultra-light rods up to 1-3/16-inches diameter. Locking ring fits spinning reel handle shanks up to 7/16-inch diameter. Available as a double-pack.

| Description | Color | Bulk Packaging | Aftermarket Packaging |
|-----------------------|-------|----------------|-----------------------|
| with Side Mount, Pair | Black | — | RH-4646 |



Includes Side Mount

Note - 2-In-1 Bulk Packed Rod Holders include ID label with UPC number/bar code



Heavy-Duty Rod Holder Extensions

For use with all Attwood mounts including combo mount, Attwood standard side mounts, and other leading rod holder mounts. Complete with all necessary hardware to mount to round or square 7/8-inch to 1-1/4-inch diameter rail.



| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------|----------------|-----------------------|
| Black Extension | — | 5016-3 |



5016 Heavy Duty Rod Holder Extension

5012 Heavy Duty Rail Mount

Heavy-Duty Rail Mount

For use with the Heavy-Duty Combo Mount. Complete with all necessary hardware to mount to rails from 3/4-inch to 1 1/4-inch width.



| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| Black Mount | — | 5012-7 |

Heavy-Duty Combo Mounts

The combo rod holder mount allows for mounting in multiple configurations. This new design offers an improved fit with positive lock for secure rod holder mounting. Can be mounted on side or top of gunwale. Compatible with all Attwood and other leading rod holder mounting patterns.



| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| Black Mount | — | 5011-7 |

5012/5011 Heavy Duty Combo Mount & Rail Mount

Flush Mounts

Mounts flush to gunwale or deck. Easy-open cover conceals fasteners and elastomeric liner seals water out. When closed the low profile, smooth, contoured design avoids snagging lines.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| Black Mount | — | 5022-7 |



5022

Heavy-Duty Clamp-On Rod Holder Mount

Heavy-duty adaptor clamp easily mounts rod holder to gunwale or transom. Ideal for aluminum fishing boats and pontoons. Works together with Attwood's Heavy-Duty Combo Mount and other Attwood fishing accessories. Mounting hardware included.

| Description | Bulk Packaging | Aftermarket Packaging |
|----------------------------------|----------------|-----------------------|
| Gunwale/Transom Rod Holder Clamp | — | 5030-4 |



5030-4



Clamp-On Rod Holder

Versatile Clamp-On Rod Holder features wide adjustability and a universal clamp design that allows easy mounting to gunwales, transoms, and rails. Constructed of powder coated steel for durability and long life.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|-------|----------------|---------|-----------------------|---------|
| Clamp-On Rod Holder | Black | — | | 5031D1 | * |



5031

Mini Rigger Kit

A complete package to start downrigger fishing. Attwood's Mini Rigger Kit bring controlled-depth trolling capabilities to boats of all size. Kit includes Heavy-Duty Combo Mount for multiple mounting configurations, heavy-duty and easy to use professional line release, swivel head pulley to respond to line movements, 100 ft. of stainless steel line, 4 lb. cannonball weight, and an easy grip handle.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|----------------|---------|-----------------------|---------|
| Mini Rigger with Harness | — | | 9709-7 | * |



9709

Lure Rack

The lure rack holds up to 25 lures, plus a fillet knife and pliers. Has slots for fillet knives.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Lure Rack | — | | 11848-4 | * |



11848

Sure-Grip Steel Rod Holders & Mounting Bases

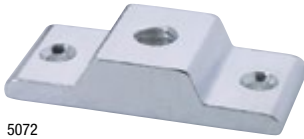
Attwood's line of Sure-Grip Steel Rod Holders are the perfect complement to our molded Pro-Series and Heavy-Duty Adjustable rod holders. They are designed for drift fishing, pan fishing, crappie, and more. Make Attwood your single source for all types of rod holders!

The 3/8-inch diameter coated steel rod is tough, strong, and corrosion-resistant. UV-resistant plastic coating protects the rod butt and handle. Stainless steel exposed stem and wing nut offer years of corrosion-resistant use.

Attwood Sure-Grip mounting bases fit a variety of mounting surfaces including rails. Constructed of extruded aluminum.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|---|---------|-----------------------|---------|
| SURE-GRIP STEEL ROD HOLDERS | | | | |
| 5° Angle, 4" S.S. Stem & Wing Nut, For horizontal rod position, includes 5071 mounting base | — | | 5060-3 | |
| 5° Angle, 8" S.S. Stem & Wing Nut, For horizontal rod position with added clearance, includes 5071 mounting base | — | | 5061-3 | * |
| 25° Angle, 4" S.S. Stem & Wing Nut, For drifting or trolling | Includes 5071 mounting base | — | 5062-3 | * |
| | Includes a pair of rod holders and 5071 mounting bases | — | — | |
| 45° Angle, 4" S.S. Stem & Wing Nut, For trolling, includes 5071 mounting base | — | | 5063-3 | * |
| SURE-GRIP MOUNTING BASES | | | | |
| Side mount base, fits gunwale or rail | — | | 5070-3 | |
| Flush base, fits 2" flat surfaces | — | | 5071-3 | |
| Flat rail base, fits square rail | — | | 5072-7 | |
| Clamp-on rail base, fits round rail up to 7/8"-dia. | — | | 5074-3 | |

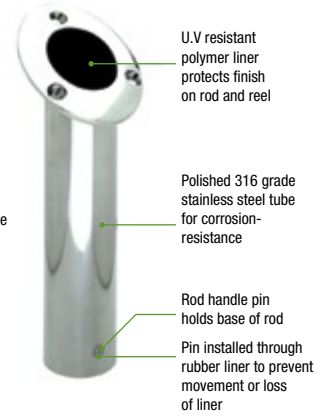


ROD HOLDERS

Stainless Steel Flush Mount Rod Holders

Attwood Stainless Steel Rod Holders answer the need for the finest in finish, function, and durability. The holders are available in 30°, 15°, and 0° configurations in standard 2-inch diameter or in the robust 2-1/4-inch diameter Big Game Series. All Stainless Steel Rod Holders have these outstanding features, including optional custom-casting or electrolytic etching of your logo in the flange. Contact your Attwood representative for details.

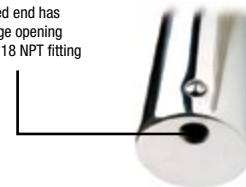
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Flange Shape | End Type | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|--------------|----------|------------|----------------|---------------|-----------------------|---------|
| CLOSED END - 2" DIAMETER X 9" LENGTH | | | | | | | |
| 30° Rod Holder | Round | Closed | Black | 66470-1 | * | 66470-7 | * |
| 0° Rod Holder | Round | Closed | Black | 66471-1 | * | 66471-7 | * |
| STANDARD SERIES - 2" DIAMETER X 7-1/2" LENGTH | | | | | | | |
| 30° Rod Holder | Oval | Open | Black | 66362-1 | * | 66362-7 ▼ | * |
| | | | White | 66362W1 | * | 66362W7 ▼ | * |
| | | | Cap Gasket | Black | 1478-1 | * | — |
| 15° Rod Holder | Oval | Open | Black | 66363-1 | * | 66363-7 ▼ | * |
| | | | White | 66363W1 | * | 66363W7 ▼ | * |
| | | | Cap Gasket | Black | 1477-1 | * | — |
| 0° Rod Holder | Oval | Open | Black | 66364-1 | * | 66364-7 ▼ | * |
| | | | White | 66364W1 | * | 66364W7 ▼ | * |
| | | | Cap Gasket | Black | 1476-1 | * | — |



Closed End Base Polished end has drainage opening for 14-18 NPT fitting



▼ Includes Cap Gasket

FISHING: ROD HOLDER



Hybrid Rod Holder

10-inch long ABS plastic tube with stainless steel cap.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| ABS plastic with Stainless Steel cap, 30° angle | 6450-1 | * | — | |
| ABS plastic with Stainless Steel cap, 0° angle | 6451-1 | * | 6451-7 | * |



Plastic Rod Holders

Durable plastic construction. No liner needed. Holder is angled at 30° for proper rod tip tension. Installation hole size: 2-1/2 inch diameter. Flange has three holes for 1/4 inch screws. Accommodates standard rod grip sizes under 1-1/2 inch diameter.

| Description | Color | Bulk Packaging | Aftermarket Packaging |
|------------------------------|-------|----------------|-----------------------|
| ABS plastic | Black | 12701-1 | 12701-5 |
| ABS plastic, 8 piece Display | White | — | 12703D1 |
| ABS plastic, closed end | Black | 12704-1 | — |



12703D1

Stainless Steel Clamp-On Rod Holder

304 stainless steel with black composite liner. Can be used on vertical or horizontal rails.

Adjustable for rails 7/8-inch to 1-inch diameter. 9-inch length, 1-3/4-inch inside diameter tube.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|----------------|---------|-----------------------|---------|
| Stainless Steel | — | | 66970-7 | * |



66970

ROD STORAGE

PVC Rod Holder Storage

Durable white PVC tube side mounts with molded out area to accommodate standard rod grip sizes up to 1-3/4-inches. 9-inches long.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|----------------|---------|-----------------------|---------|
| PVC Rod Holder Storage | — | | 12708-2 | * |



12708

Boat Deck Rod Holder Set

Mounts rod and reel combo to deck of the boat. Prevents rod and reel from bouncing out of boat while traveling. Holds up to five rods.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Set includes: (1) 10-inch (25 cm) strap for the handle end of the rods, (1) 6-inch (15 cm) strap for the tips and stainless steel mounting hardware.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|----------------|---------|-----------------------|---------|
| Deck Rod Holder Set | — | | 12760-7 | * |



12760

Vertical Mount Rod Holder

- Mounts vertically in application to hold 5-6 rods horizontally
- Molded rubber inserts secure rod butt and tip
- Holds in a crisscross manner, allowing storage of more rods in a smaller space

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|----------------|---------|-----------------------|---------|
| Vertical Mount, Rod Holder Set | — | | 12761-7 | * |



12761

Rod Storage Holder

Holds up to three fishing rods. Closed-cell foam insert protects rod. Mounts vertically or horizontally. 8-3/4 inches L x 2-1/2 inches W.

| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------------------|----------------|-----------------------|
| Black ABS frame, black foam | — | 12750-6 |



12750

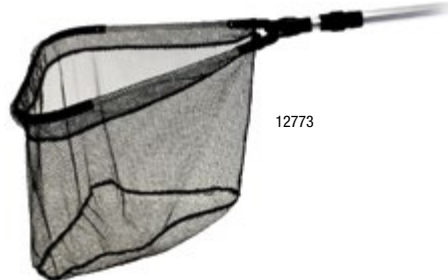
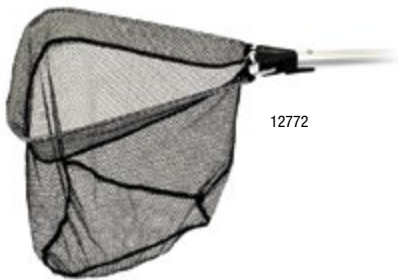
FISHING NETS

Fold-N-Stow Fishing Nets

Fold down for convenient and compact storage or extend for added reach with Attwood's line of Fold-N-Stow Fishing Nets. A flip of the handle opens and locks the net into place. Easily pull back the trigger and the net collapses down into a stowable size. Constructed of durable, knot-free netting.



| Description | Dimensions At Full Extension | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|------------------------------|----------------|---------|-----------------------|---------|
| Small Folding Net, Ideal for Trout Fishing | 24" L x 12.5" W x 10" D | — | | 12772-2 | * |
| Medium Folding Net, Ideal for a Variety of Applications | 47" L x 16" W x 16" D | — | | 12773-2 | * |
| Large Folding Net, Ideal for Heavy Duty Applications | 81" L x 27" W x 27" D | — | | 12774-2 | |



SpillBuster™

Eliminate messy and potentially dangerous spills with this versatile spout that easily attaches to your oil and fluid bottles. On/off valve controls liquid flow. SpillBuster fits 1-quart, 1-gallon, and most 5-quart bottles. Removable cap seals shut.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------|-----------------------|
| SpillBuster spout | — | 14584D1 |

14584D1



Deluxe Deck Brush Kit

Kit includes:

- Soft brush with squeegee end for gentle, scratch-free cleaning
- Telescoping aluminum pole with flow-through design has water on/off switch and comfortable foam grips
- Nylon boat hook attachment

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|----------------|---------|-----------------------|---------|
| Deck Brush Kit | — | | 11807-2 | * |



11807

Spiral Watering Hose

- 3/4 inch end fittings
- Easy to store. No tangles, always kink-free.
- Weatherproof
 - * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|---------|-----------------------|---------|
| 3/8" I.D. x 25' Long | — | | 11871-7 | * |



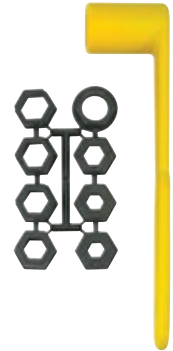
11871

Prop Wrench Kit

Offers multiple sockets to fit from 17/32-inch to 1-1/4-inch, allowing consumers to service multiple props. Built of durable composite.

- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Wrench with up to 1-1/16 inch prop nuts | — | | 11370-7 | * |



11370

Pontoon Replacement Latch

This durable lock set is a complete replacement kit for your pontoon's gate latch. Universal sizing fits square frames of 1, 1-1/8, and 1-1/4 inch on both left- and right-hinged gates. Secure closure stabilizes gate and prevents inward swinging. Includes mounting hardware for quick and easy installation.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Universal Replacement Gate Latch. 8-1/2" x 9-1/2" x 5-1/2" | — | 11404-6 |



11404

INTERIOR & BOATING ACCESSORIES

Ultimate Rechargeable Fan

Unique and attractively styled 12-inch fan delivers ultra-quiet, powerful, and long-lasting performance. Plus it comes complete with three power options -- typical 110-volt to 12-volt adaptor, 12-volt accessory, and built-in long self-discharge battery pack -- so it can be used almost anywhere. High air flow output and lightweight portability make this a practical and convenient addition for any marine, RV, camping, or recreational use.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Three power options: 110-volt, 12-volt, or internal NiMH LSD battery pack
- Ultra-quiet design ensures cool air without excess noise
- Unique fan design offers high air flow output with three speed options
- Ideal for boating, camping, RVs, or home use

| Description | Dimensions | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|------------|-------|----------------|---------|-----------------------|---------|
| Rechargeable Fan | 12" | White | — | | 9040-4 | * |



9040

Soft Grip Steering Wheel

Ideal steering wheel for bass boats, sport boats, and runabouts. Patented design provides a comfortable, and firm grip. Contemporary styling with soft, black PVC outer rim and high-impact, one-piece plastic inner core. Resists UV rays to prevent fading. Soft Grip is non-magnetic so it will not interfere with compass readings.

3-3/8 inches deep dish. Fits all standard 3/4-inch tapered shafts and conforms to ABYC P-22 and ISO 8848.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- 8314 NMMA "As Approved": 090070; CE Certificate WATT005
- 8315 NMMA "As Approved": 090071; CE Certificate WATT004

| Description | Center Cap | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|---------------|----------------|---------|-----------------------|---------|
| 13"-diameter rim | Black plastic | — | | 8315-4 | * |



8315 with cap

Tiller Line Pulleys

Non-magnetic 300 series stainless steel body and strap with plastic sheave for wire rope tiller lines. Pulley strap included. Meets ABYC Standard P-18. Swivel pulley rotates 360° on vertical axis. Open eye design for easy installation. Simply mount the strap and attach the pulley. Shrouded body design keeps tiller line in sheave track.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Overall Length | Sheave Groove Dia. | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|--------------------|----------------|---------|-----------------------|---------|
| Swivel | 4" | 2" | 2906-1 | * | 2906-3 | * |



2906

Pulley System

Ideal for use in guiding anchor lines and more.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|----------------|---------|-----------------------|---------|
| Pulley System | — | | 2908-6 | * |



2908-6

Tiller Line Clamp

Two screws lock plates together to hold tiller lines in place. Die-cast ZAMAK with chrome finish.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|----------------|---------|-----------------------|---------|
| For 3/16" to 1/4" dia. line | — | | 8043-3 | * |



8043



Standard Glove Box

Plastic box and door are light-weight, yet sturdy. Door opens and closes easily on a stainless steel hinge pin and locks with a marine locking latch.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Door Dimensions | Inside Dimensions | Installation Hole Size | | | |
|----------------------|-----------------------------|------------------------|-----------------------|---------|--|
| 13-3/4" L x 5-1/2" H | 11-3/4" L x 4" H x 6-5/8" D | 12" L x 4-1/4" H | | | |
| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 | |
| Black | 2638-1 | * | — | | |



2638

Letter & Number Kit

- 3-inch, waterproof vinyl, pressure-sensitive labels
- Resists fuel, fading, and scratches
- Kit contains: Four of each letter and number, plus twelve dashes totaling 148 pieces
- Meets USCG guidelines

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



14142

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 | |
|-------------------|----------------|---------|-----------------------|---------|--|
| White, 148 pieces | — | | 14141-7 | * | |
| Black, 148 pieces | — | | 14142-7 | * | |

Rope Ladder

White, five-step boarding ladder. Sturdy 1 1/4 inch blow molded steps. Textured step surface for sure footing. Steps connected by a nylon rope with top loop that quickly secures to cleat or railing.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 | |
|-------------|----------------|---------|-----------------------|---------|--|
| Rope Ladder | — | | 11865-4 | * | |



11865

BOAT HORNS & SAFETY PRODUCTS

Hidden Horn Kit

Mounts below deck, behind dash, or behind console. Meets ABYC standards for boats up to 16.4 ft. (5 meters), and USCG standards for boats up to 39.4 ft. (12 meters). Heavy-duty marine construction. For 12-volt DC systems only.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|----------------|---------|-----------------------|---------|
| 3" L x 3 1/4" W x 1 3/4" D | — | | 11477-3 | * |



11477

Hidden Horn

Low profile drop-in horn with grills. Design allows easy installation. Easily retrofitted. Comes with black and white cover. 12-volt DC. ABYC compliant with A-16 standards.



| Description | Bulk Packaging | Aftermarket Packaging |
|---|----------------|-----------------------|
| Drop-In Hidden Horn, includes black and white cover | — | 11478-7 |



11478

Air Horns

Perfect for boating, sporting events, camping, and bicycles.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|----------------|---------|-----------------------|---------|
| Single Pack Air Horns | | | | |
| 1.5 oz. | — | | 118090-7 | * |
| 3.5 oz. | — | | 118091-7 | * |
| 8 oz. | — | | 118092-7 | * |
| Refill Packs | | | | |
| 8 oz. Refill | — | | 118089-7 | |



118091

Bellow Signal Horn

Lung-powered horn does not use CO2, Freon, or batteries. Designed for personal protection and safety on land and on water. Meets U.S. Coast Guard Rule 33 (Annex III) and Federal/EPA regulations.

| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------|----------------|-----------------------|
| 8" H x 3 1/2" W | 2460-1 | 2460-7 |



2460

PORTABLE LIGHTING

Portable Spot Light

Compact 5-watt LED spot light can be stored most anywhere on the boat. Light output is 400 fixture lumens with 50,000 hours of life. Tough thermoplastic construction in safety yellow/black. Includes a 12-volt “cigarette-style” adaptor plug with fuse.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Compact Spot Light w/10' power cord | — | | 11794-7 | * |



11794



Portable Light Kit

Be seen and be safe with these compact and portable LED navigation lights. All new portable navigation lights are more durable, easier to use, and include Attwood's strongest mounting and pole configurations. Ideal for personal water craft, camping, and hunting. Kit includes red/green LED bow light, white LED stern light, quick-release mounts, pole, and hardware.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Water-resistant bow and stern navigation lights
- Attwood's most durable, portable LED navigation light engines
- Sealed electronics, built to last in harsh conditions
- Sealed, shock-proof composite housing
- Shatter-proof polycarbonate lens
- 150+ hour run-time on three AAA batteries (not included)
- New telescoping and threaded poles
- New heavy-duty C-clamp and kayak pad mounting options

| Description | Finish | Pole Style | Mounting Style | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------------|-----------------------------|-------------|--------------------------------------|----------------|---------|-----------------------|---------|
| Clamp-On LED Light Kit | Marine Gray | Threaded | C-Clamp | — | | 14190-7 | * |
| | Real Tree® Max-4 Camouflage | Threaded | C-Clamp | — | | 14191-7 | * |
| | Marine Gray | Telescoping | C-Clamp | — | | 14194-7 | * |
| | Real Tree® Max-4 Camouflage | Telescoping | C-Clamp | — | | 14195-7 | * |
| Deck Mount LED Light Kit | Marine Gray | Telescoping | Optional screw-down or adhesive pad | — | | 14192-7 | * |
| | Real Tree® Max-4 Camouflage | Telescoping | Optional screw-down or adhesive pad | — | | 14193-7 | * |
| All-Craft Navigation LED Light Kit | Marine Gray | Threaded | C-Clamp, screw-down and adhesive pad | — | | 14196-7 | * |
| | Real Tree® Max-4 Camouflage | Threaded | C-Clamp, screw-down and adhesive pad | — | | 14197-7 | * |



14190

BOW

STERN



14191

BOW

STERN



BOATERS SAFETY ACCESSORIES

Bailer Safety Kit

Kit Includes: waterproof emergency flashlight, bailer with easy-grip handle, 50 ft. marine rope with float, Pealess flat safety whistle with lanyard, and seamless "O" Ring.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| 5-Piece Kit | — | | 11830-2 | * |



11830

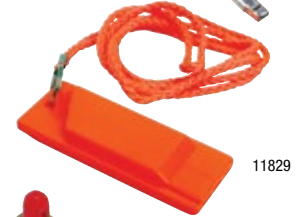
Whistles—Ball & Flat

- A perfect signal whistle for attaching to life vests
- Lanyard included

| Description | Dimensions | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------------------|----------------|-----------------------|
| Plastic Ball Type | 2-1/4" x 3/4" | — | 11866-6 |
| Plastic Flat Type | 1-7/64" x 2-51/64" x 5/16" | — | 11829-6 |



11866



11829

Floating Key Buoy

- Water resistant
- Cover snaps tight for storage of small items
- Distinctive orange top for easy visibility

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------|-----------------------|
| Floating Key Buoy | — | 11875-7 |



11875

Key Floats

Prevent loss of keys when dropped overboard. Three colors: orange, white and blue, with Attwood logo.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|---------|-----------------------|---------|
| PDQ Carton, 24-Piece | — | | 11889D1 | * |



11889

Telescoping Paddle

- Compact for easy storage
- Telescopes to 42" (1.06m)
- High impact plastic blade with corrosion-resistant aluminum pole

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------|----------------|-----------------------|
| Paddle, telescoping | — | 11828-1 |



11828

MIRRORS

Note: In some states and provinces, ski mirrors of a certain size/dimension, and/or an onboard observer may be required. Check local requirements.

Wide View Ski Mirror

For installation on windshields 1/2-inch to 1-inch thick (or thinner with customer's own spacer). Provides extra-wide mirror for safe visibility. Molded plastic frame, polished convex mirror, and adjustable base (up-and-down or side-to-side, then secures in desired location). Includes Allen wrench.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



13065

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|----------------|---------|-----------------------|---------|
| 11-3/4" W x 4" H, Adjustable | — | | 13065-4 | * |

Chrome Ski Mirror

Universal mount installs on dash or windshield. Shatterproof, 180° convex mirror eliminates blind spots. Mirror is compact and constructed of lightweight, chrome plated ZAMAK. Mirror adjusts to any position up-and-down or side-to-side, then secures in desired location.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



9083

| Description | Dimensions | Max. Windshield Thickness | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------------|---------------------------|----------------|---------|-----------------------|---------|
| Perma-Plate®, Adjustable | 7-5/16" W x 2-1/2" H | 3/4" | — | | 9083-7 | * |
| Chrome-plated, Adjustable | 7" W x 3-1/4" H | 1" | — | | 13055-4 | * |



13055

Clamp-On Ski Mirror

Universal mount fits up to 1/2-inch thick window frames and adjusts easily to meet most boat applications. Curved mirror provides a wide field of view. Soft touch mounting clamps protect windows and frames. Zinc plated hardware and powder coated shaft assembly.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | Max. Windshield Thickness | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------------|------------|---------------------------|----------------|---------|-----------------------|---------|
| Clamp-On Ski Mirror, Universal Mount | | 1/2" | — | | 13066-7 | * |



13066



DRINK HOLDERS

LED Stainless Steel Drink Holders

new



Convenient and stylish LED drink holder makes it easy to see in low-light conditions. The vibrant 35 Lumen interior light ring comes in blue and white to complement all boat interiors. 12 VDC.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | LED Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|--------------------|-----------|----------------|---------|-----------------------|---------|
| LED Stainless Steel Drink Holder | 3.2" D x 3.6"-dia. | Blue | 11786B-1 | * | 11786B-7 | * |
| LED Stainless Steel Drink Holder | 3.2" D x 3.6"-dia. | White | 11786W-1 | * | 11786W-7 | * |



11786B
11786W

Molded Plastic Gimbaled Drink Holders

Self-leveling drink holders with slot for coffee cup handle. For boats, cars, and RVs. Molded plastic. Includes gimbaled surface-mounting bracket. Self-draining.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|-------|----------------|---------|-----------------------|---------|
| 4" H x 4-3/8" W | White | — | — | 11631-4 | — |
| | Black | — | — | 11635-4 | * |



11631

Recessed Drink Holders

Available in sizes for a variety of cans, bottles, and glasses. Each has holes for self-draining.

| Description | Dimensions | Bulk Packaging | Aftermarket Packaging |
|------------------------|------------------------|----------------|-----------------------|
| Regular, Black | 1-7/8" D x 3"-dia. | 11787-1 | — |
| Deep, Black | 2-7/8" D x 3"-dia. | 11788-1 | — |
| Large, Black | 3-1/8" D x 3-3/4"-dia. | 11789-1 | — |
| Large, White | 3-1/8" D x 3-3/4"-dia. | — | 11789WD1 |
| Large, Stainless Steel | 3-1/8" D x 3-3/4"-dia. | 11845-1 | — |



11788

11845

11789W

Formed Wire Gimbaled Drink Holders

Formed, chrome-plated steel drink holders are ideal for boats, cars, and RVs. Includes a gimbaled surface-mounting bracket that keeps drinks level to prevent spills. Includes mounting screws.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Standard, ideal for 12-ounce cans | — | — | 11670-4 | * |
| Large, with slot for mug handle, includes cooler | — | — | 11672-4 | * |



11670

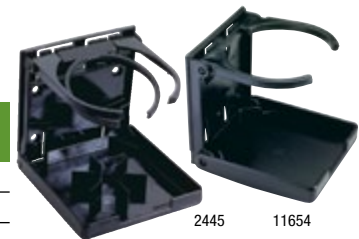
11672

Fold-Up Drink Holders

Two easy-to-use, fold-up designs. Holds coffee mugs with a handle, 12-ounce cans, or drink insulators. Mount quickly and easily on boats or RVs. On dual-ring models, flip the small ring up to hold small drinks; for large drinks, flip the small ring down and use the large ring. When not in use, flip ring(s) down and close the cover for convenient storage. 7/8-inch closed depth. Four holes for #10 screws.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|---|----------------|---------|-----------------------|---------|
| Dual Ring | Polycarbonate construction 4-5/8" H x 4-9/16" W x 4-3/4" D | Black | — | 2445-7 | * |
| | | White | 2449-1 | 2449-7 | — |
| Single Rigid Ring | Molded ABS plastic 3-7/8" H x 3-3/4" W | Black | — | 11654-3 | * |



2445

11654



STORAGE CADDIES

Storage caddies keep your boat organized. Easy-to-mount suction cups stay secure, even in rough conditions. Caddies can be mounted in back or on the bottom and can be permanently attached with screws. Non-corrosive white plastic.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Cockpit Caddy

Great organizer for fishing gear and personal items. Has slots for fillet knife, pliers, and over 22 lures.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|----------------|---------|-----------------------|---------|
| Cockpit Caddy | — | | 11849-2 | * |



11849

Cell Phone/GPS Caddy

Holds most handheld GPS units and cell phones with two storage compartments

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|---------|-----------------------|---------|
| Cell Phone/GPS Caddy | — | | 11850-2 | * |



11850

Cruiser Caddy

Large storage space holds personal items and a beverage. Has slots for three lures and space for handled mug.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|----------------|---------|-----------------------|---------|
| Cruiser Caddy | — | | 11851-2 | * |



11851

Safety Orange Boater's Box

Keep your maps, electronics, and other equipment safe while on the water.

- Perfect for use on the boat, at the dock, at home, or in the field
- The lift out tray is great for organizing small items and the flip-up lid provides easy access to your stored items
- Flip latch provides a secure method to keep your belongings safe

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------|----------------|-----------------------|
| Safety Orange | — | 11834-1 |



11834

Cooler Mounting Kit

- Cooler corners stay put with straps to prevent injury or boat and cooler damage
- Quick disconnect strap design
- Corrosion resistant
- Fastens with #8 screws



14137

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------|----------------|-----------------------|
| Cooler Mounting Kit | — | 14137-7 |

Dry Case Personal Storage

Heavy duty case protects personal gear and electronics. Waterproof up to 80 ft. Strong locking clasp and hinges. Includes carrying lanyard.

| Description | Dimensions | Bulk Packaging | Aftermarket Packaging |
|----------------|--------------------------|----------------|-----------------------|
| Dry Case—Large | 7-1/4" x 4-3/4" x 1-5/8" | — | 11896-1 |



11896

Heavy-Duty Dry Bags

Heavy-duty, 500 denier PVC fabric construction in safety yellow with black accented components. Strong over-molded carry handle and lower draw straps for maximum compression.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|----------------|---------|-----------------------|---------|
| Dry Bag—40 Liter | — | | 11894-2 | * |
| Dry Bag—20 Liter | — | | 11897-2 | * |



11894

ELECTRICAL ACCESSORIES

Battery Boxes

Meet ABYC standard E-10 and U.S. Coast Guard Specification Number 183.420 as an OEM-installed battery hold-down system. Polypropylene construction for total acid resistance. Hold-down straps resist 350 lbs. of force, nearly four times the USCG requirement. Drop tested in temperatures ranging from -20°F to +120°F. Mounting hardware included.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



9082



9065

Small Battery Box

For smaller batteries like Series 16 and those used in jet skis, power lawn, and garden equipment.

Vented black battery box (5-7/8 inch maximum battery block height, 7-7/8 inch maximum battery height with terminals).

Standard Battery Box

Vented and non-vented battery box for standard size, Series 24 batteries (8-3/16 inch maximum battery block height, 10-1/8 inch maximum battery height with terminals).

Note: 9069 cover is non-vented and is not for marine use.

- Four cable openings, enlarged to .55 inch-diameter
- Larger handles with rolled edges
- Instructions molded inside cover



9067

Power Guard 27 Battery Box

Vented black battery box for Series 27 batteries (8-1/2 inch maximum battery block height, 10-1/2 inch maximum battery height with terminals).

- Four cable openings, enlarged to .55 inch-diameter
- Larger handles with rolled edges
- Instructions molded inside cover



9084

Large Battery Box

Vented black battery box for larger applications (7-15/16 inch maximum battery block height, 9-3/4 inch maximum battery height with terminals).

Power Box, F27 Series

- LED battery level indicator with one-touch test button
- Heavy duty non-corrosive black plastic box
- Hold-down strap included
- 12-volt DC accessory adapter port with 10-amp fuse built-in
- External terminals

| Battery Box Description | Battery Series | Dimensions with Lid Installed | | Strap Length | Color/Style | Bulk Packaging | Prop 65 |
|-------------------------|----------------|-------------------------------|----------------------------|--------------|-------------------|----------------|---------|
| | | Inside Dim. (L x W x H) | Outside Dim. (L x W x H) | | | | |
| Small | U1 | 10-5/8" x 7" x 10-1/8" | 11" x 7-1/2" x 8-3/4" | 40" | Black, vented | 9082-1 | * |
| Standard | 24/24M/24F | 10-5/8" x 7" x 10-1/8" | 14" x 9-5/8" x 10-5/8" | 40" | Black, vented | 9065-1 | * |
| | | | | | Black, non-vented | 9069-1 | |
| Power Guard 27 | 27/27F/27M | 13-1/16" x 6-15/16" x 10-1/2" | 16-7/8" x 9-5/8" x 10-7/8" | 40" | Black, vented | 9067-1 | * |
| Large | 29/31 | 15-7/16" x 6-15/16" x 9-3/4" | 18-3/4" x 9-1/4" x 10-1/4" | 38" | Black, vented | 9084-1 | |
| Power Box | 27F | — | — | 44" | Black | 9076-1 | * |



9076



Battery Tray with Straps

A simple-to-install battery holder that fits into limited spaces. For batteries up to 10-1/2 inches in height. Provide simple installation for changing or replacing batteries. The polypropylene hold-down strap has a positive locking, quick-disconnect buckle. Molded base mounts with four #10 panhead fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Inside Dimensions | Battery Series | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|----------------------|----------------|----------------|---------|-----------------------|---------|
| 24 Series | 7" L x 11" W | 24/24M | — | | 9092-5 | * |
| 27 Series | 12-3/8" L x 7-1/8" W | 27/27M | — | | 9093-5 | * |
| 29/31 Series | 12-7/8" L x 7" W | 29/31 | 9099-1 | * | 9099-5 | * |



9092

Heavy-Duty Battery Trays

Made of non-corrosive black plastic. Includes adjustable height crossbar and stainless steel retaining bolts. Meet ABYC Standard E-10 and U.S. Coast Guard requirements. Install with #10 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Inside Dimensions | Battery Series | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|-----------------------|----------------|----------------|---------|-----------------------|---------|
| 24 Series | 10-7/16" L x 6-7/8" W | 24/24M | 9096-1 | * | 9096-5 | * |
| 27 Series | 12" L x 6-7/8" W | 27/27M | 9095-1 | * | 9095-5 | * |
| 29/31 Series | 13-1/16" L x 6-7/8" W | 29/31 | 9094-1 | * | 9094-5 | * |



9096

Heavy-Duty Adjustable Battery Trays

Made of heavy-duty, non-corrosive, black plastic, this tray extends up to 9.5-inches, making it ideal for taller batteries. Includes adjustable-height crossbar and (2) retaining bolts. Contains no metal parts to corrode and no webbing straps to fade. Ergonomic nuts and bolts easily secure batteries. Meet ABYC Standard E-10 and USCG requirements.

- Rust-proof tray adjusts from 7 – 9.5-inches for taller batteries
- Meets ABYC Standard E-10 and US Coast Guard requirements
- Made in the USA

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Inside Dimensions | Battery Series | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|-------------------|----------------|----------------|---------|-----------------------|---------|
| 24 Series Battery Tray | 10-5/8" x 6-3/4" | 24/24M/24F | 9097-1 | * | 9097-5 | * |
| 27 Series Battery Tray | 12-1/8" x 6-3/4" | 27/27M/27F | 9098-1 | * | 9098-5 | * |



9097

Adjustable Battery Trays

Heavy-duty, non-corrosive black plastic. Includes adjustable-height crossbar and two retaining bolts. Meets ABYC Standard E-10 and U.S. Coast Guard requirements. Patented design. Install with #10 fasteners.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Inside Dimensions | Battery Series | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|---------------------------|----------------|----------------|---------|-----------------------|---------|
| 24 Series Battery Tray | 10-5/8" x 7-1/4" x 8-1/2" | 24/24M | 9090-1 | * | 9090-5 | * |
| 27 Series Battery Tray | 12-5/8" x 7-1/4" x 8-1/2" | 27/27M | 9091-1 | * | 9091-5 | * |



9091

Battery Box Hold-Down Straps and Hardware

Straps are woven polypropylene with firm-grip buckles and are completely resistant to battery acid. Kit includes (4) #8, 3/4-inch screws and two footman clamps.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Fits Battery Box(es) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|-------------------------------|----------------|---------|-----------------------|---------|
| Medium strap kit, 40" | 9065, 9065A, 9067, 9082, 9069 | 9013-1 | * | 9013-3 | * |
| Medium strap only, 40" | 9065, 9065A, 9067, 9082, 9069 | 9014-1 | | 9014-3 | |
| Long strap kit, 54" | 9084 | — | | 9013A3 | * |
| Long strap only, 54" | 9084 | 9014A1 | | 9014A3 | |
| Mounting hardware only | — | 9006-1 | * | — | |



9013

Battery Maintenance Charger

Fully-automatic on-board charger provides a 1.5-amp maintenance charge. Designed to maintain 12-volt batteries. Water-resistant with safety features, such as short circuit connection and reverse polarity protection. LED status indicators.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Specifications | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|-------------------------------------|----------------|---------|-----------------------|---------|
| On-Board Battery Charger | 1.5-amp, 12-volts, 1 bank operation | — | | 11900-4 | * |



11900

Battery Charger

Dual rated 12-and 6-volt battery charger can be used for all of your marine, automotive, RV, and sport applications. The charger is compact and perfect for your bench, garage, or shop use. LED indicators let you know that your battery is fully charged. Overcharge, short circuit, and reverse polarity protection provide years of worry-free use.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 12 / 6-volt, 6-amp / 2-amp Battery Charger | — | | 11901-4 | * |



11901

Polarized/Wing Nut Battery Terminals

Lead terminals with wing nuts and cadmium-plated bolts. Clamps are stamped with negative (-) or positive (+) sign.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|----------------|---------|-----------------------|---------|
| Negative and positive, set | — | * | 14215-6 | * |



14214/14215

Battery Clips

Quick-connect battery clips for 12-volt electrical accessories. 10-amp rated, copper-plated construction with red and black handle grips. For use with wire up to 10-gauge.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------|----------------|---------|-----------------------|---------|
| Battery Clip Set, 10-amp | — | | 14258-6 | * |
| Battery Clip, Individual, Black | 14258B1 | * | — | |
| Battery Clip, Individual, Red | 14258R1 | * | — | |



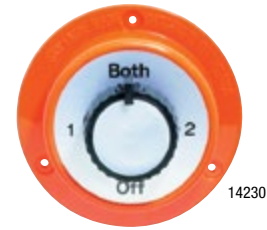
14258



4-Way Battery Selector Switch

Single-pole, triple-throw switch permits four connection modes: battery one, battery two, two batteries in parallel, or both off. Rated for 300-amps continuous at 6-volt DC and 150-amps continuous at 12-volt DC. For 6-volt to 32-volt D.C. systems. Includes alternator field circuit disconnect to prevent surges. Selector has positive click positions. Bakelite housing with copper washers, brass terminals, and brass nuts. Install with #10 screws.

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------------|----------------|-----------------------|
| 5-1/2" dia. x 2-3/4" deep | — | 14230-3 |



14230

Battery Switch

Compact and heavy-duty battery switch with removable control knob to deter theft. 12-50-volts DC / 200-amps continuous / 300-amps intermittent / on-off-separate. For use with one battery.

- Ergonomic grips
- Removable walls for easy installation and access

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Battery Switch 12- to 50-volt DC, on/off | — | 14233-7 |



14233

Dual Battery Selector Switch

Compact and heavy-duty battery switch with removable control knob to deter theft. 12-volts DC - Off / 1 / 1+2 / 2 12-volts DC / 220-amps continuous / 400-amps 5 min intermittent / off. For use with up to two batteries.

- Ergonomic grips
- Removable walls for easy installation and access

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Battery Switch 12-volt DC, off/1/1+2/2 | — | 14234-7 |



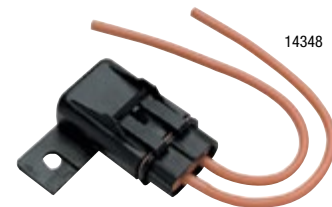
14234

ATO/ATC Fuse Holder

Watertight, extra heavy-duty, and weatherproof. For use with fuses up to 30-amps. 12-gauge wire leads for easy hook-ups. Fuse not included.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Wire Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|-----------|----------------|---------|-----------------------|---------|
| ATO/ATC Fuse holder, 30-amp | 12-gauge | — | | 14348-6 | * |



14348

Toggle Switches, Plastic Handle

Black, thermoplastic body with nylon mounting stem. Neoprene toggle seal. These toggle switches have silver contacts and 1/4-inch spade terminals. Rated for 5-amp load and 15-amp inductive load. For 12-volts DC only. Not external ignition protected. Includes a nickel-plated brass backup hex nut and thermoplastic, knurled face nut.

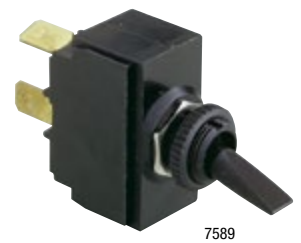
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

On/Off/On Switches: For bilge pump, speed selector, or light that requires two power settings. Single-pole, double-throw contacts.

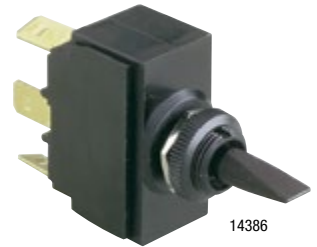
| Installation Hole Size | Overall Dimensions | Depth Behind Panel | *Max. Panel Thickness |
|------------------------|--------------------|--------------------|-----------------------|
| 1/2"-dia. | 1-3/8" L x 3/4" W" | 1-1/2" | 1/4" |

*Dimension using backup nut; 3/16-inch without backup nut.

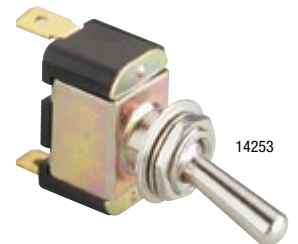
| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|----------------|---------|-----------------------|---------|
| On/off/on switch | — | | 14386-3 | * |



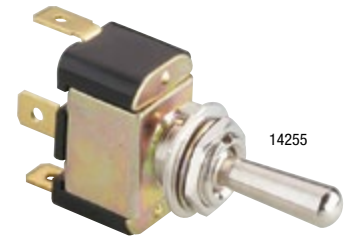
7589



14386



14253



14255

Toggle Switches, Metal Handle

These metal toggle switches have 1/4-inch spade terminals. Rated for 10-amperes, 12-volts DC only. Plastic body and housing with metal toggle and ring. Not external ignition protected.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

On/Off Switches: Single-pole, single-throw contact. For lights, bilge pumps, or blowers.

On/Off/On Switches: For bilge pump, speed selector, or light that requires two power settings. Single-pole, double-throw contacts.

| Installation Hole Size | Overall Dimensions | Depth Behind Panel | Max. Panel Thickness |
|------------------------|--------------------|--------------------|----------------------|
| 3/8"-dia. | 1-1/8" L x 5/8" W" | 1-3/8" | 1/4" |

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|----------------|---------|-----------------------|---------|
| On/off switch | — | | 14253-3 | * |
| On/off/on switch | — | | 14255-3 | * |

Push/Pull Switches

These switches have large easy-to-pull handles. They are commonly used for operating lights. 3/4 inch-diameter chrome-plated knob with brass case. Includes screw terminals for connection without a wire lug. For 12-volts DC only. Not external ignition protected.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

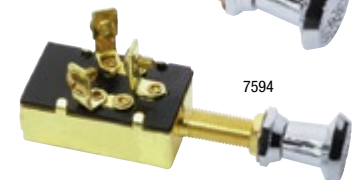
Two-position Switch, Off/On: For operating one set of lights or another accessory.

Three-position Switch, Off/On/On: For operating running lights and anchor lights separately.

| Description | Installation Hole Size | Overall Dimensions | Depth Behind Panel | Max. Panel Thickness | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|------------------------|---------------------|--------------------|----------------------|----------------|---------|-----------------------|---------|
| Two-position | 3/8"-dia. | 3-1/8" L x 1-1/4" W | 1-1/2" | 1" | 7563-1 | * | 7563-6 | * |
| Three-position | 3/8"-dia. | 3-1/4" L x 1-1/2" W | 2" | 1" | 7594-1 | * | 7594-3 | * |



7563



7594



Heavy-Duty Trolling Motor Connectors

Use these connectors for quick, convenient connections between an electric trolling motor and a power source. 6 inch-long wire harnesses with butt connectors.

* **⚠️ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

Female Receptacle

Female receptacle has weather cover and small face plate for flat surface mount. Two holes for #8 fasteners.

Male Plug

Male plug has wing-tabs for easy installation and removal.

| Plate Dimensions | Depth Behind Panel | Installation Hole Size |
|----------------------|--------------------|------------------------|
| 2-9/16" W x 1-3/4" H | 2-1/4" | 1-1/8"-dia. |



| Description | Wire Size | Volts | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|-----------|----------|----------------|---------|-----------------------|---------|
| Female receptacle, boat side | 3-Wire | 10-gauge | 12/24V | — | 7648-7 | * |
| | 2-Wire | 8-gauge | 12V | — | 14366-6 | |
| Male plug, motor side | 3-Wire | 10-gauge | 12/24V | — | 7647-7 | * |
| | 2-Wire | 8-gauge | 12V | — | 14365-6 | |
| Male/Female Kit | 3-Wire | 10-gauge | 12/24V | — | 7622-7 | * |

Medium-Duty Trolling Motor Connectors

Use these molded rubber connectors for quick easy connections between an electric trolling motor and the power source. 5-inch long harness with butt connectors. Receptacle (14350) includes weather cover and small face plate for flat surface mount. 10-gauge wire. For 12-volts DC only. Two holes for #8 fasteners.

| Plate Dimensions | Depth Behind Panel | Installation Hole Size |
|---------------------|--------------------|------------------------|
| 2-1/2" W x 1-3/4" H | 2-3/4" | 1-1/8"-dia. |

| Description | Wire Size | Bulk Packaging | Aftermarket Packaging |
|------------------------------|-----------|----------------|-----------------------|
| Female receptacle, boat side | 10-gauge | — | 14350-3 |
| Male plug, motor side | 10-gauge | — | 14352-3 |



Trolling Motor Quick Connect

Safe and easy quick disconnect system. For use where a plug and socket cannot be used. Heavy-duty, 10-gauge connector, 22-inches long. Replaces battery clips.

| Description | Wire Size | Bulk Packaging | Aftermarket Packaging |
|-----------------|-----------|----------------|-----------------------|
| 2-Connector Kit | 10-gauge | — | 14367-6 |



12-Volt USB Adapters/Chargers new

It's easy to add the convenience of using and charging electronic devices on any boat. Compatible with mobile devices and marine equipment. For ¼ inch USB blade connections. Protected against reverse polarity, thermal overload, and short circuiting.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| 12V Adapter + Dual USB Charger | 14262-1 | * | 14262-6 | * |
| 12V Power Adapter + Digital Voltmeter | 14263-1 | * | 14263-6 | * |
| 12V 4-in-1 Power Panel with Battery Charge Display | 14264-1 | * | 14264-6 | * |
| Dual USB Adapter | 14268-1 | * | 14268-6 | * |



Boat Kill Switch Key Set

- Includes seven keys to fit Johnson, Evinrude, Mercury, Yamaha, Suzuki, Tohatsu and Honda kill switches
- Swivel snap hook prevents tangles
- Rust resistant stainless steel crimps
- Corrosion proof

| Description | Bulk Packaging | Aftermarket Packaging |
|------------------------------|----------------|-----------------------|
| Kill switch keys and lanyard | — | 7591-6 |



12-Volt Marine Outlet

Marine quality 12-volt outlet is designed for replacing or adding outlets in your boat, RV or camper.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|----------------|---------|-----------------------|---------|
| Surface Mount, 12-Volt, Outlet | — | | 11862-6 | * |



Battery Adapter

Brass and plastic accessory plug for use directly with the battery. 150 watts. Comes with 3 ft. of wire, 12-amps, 12-volts.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|----------------|---------|-----------------------|---------|
| Battery Adapter, 12 volt | — | | 11861-6 | * |

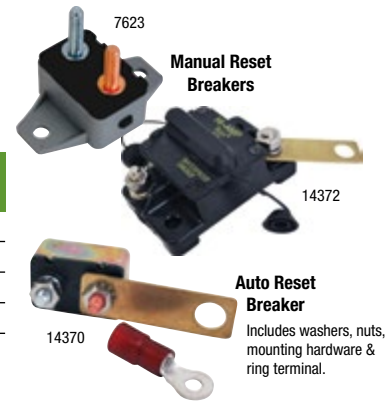


Circuit Breakers

A circuit breaker is an automatically operated electrical switch designed to protect an electrical circuit such as your trolling motor, or anything else electrical in your boat, from damage caused by overload or a short circuit.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------|----------------------------------|----------------|---------|-----------------------|---------|
| 60-amp Breaker | Manual Reset with Ring Terminals | — | | 14372-7 | |
| 50-amp Breaker | Manual Reset | — | | 7623-7 | * |
| | Auto Reset with Ring Terminals | — | | 14371-6 | * |
| 40-amp Breaker | Auto Reset with Ring Terminals | — | | 14370-6 | * |



Copper Wire

Stranded copper core is flexible for easy installation and allows the most current for quick starting.

PVC insulation in the wire is resistant to cracking, abrasion, weather, oil, and acids.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|--|----------------|---------|-----------------------|---------|
| 8-ga. Red/Black, 20', set | | — | | 14361-5 | * |



Transducer Mounting Plate

- Mounts easily with only two screws
- Easy to adjust, add, or replace transducers.
- Marine-grade polymer plate will not warp, corrode, or be affected by UV rays.



| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Transducer mounting plate and hardware | — | 94110-5 |

Quick-Release Trolling Motor Mate Mounting Plate

For use with MinnKota® wireless trolling motors: AutoPilot, Grip Glide, Powerdrive, Terrova, RipTide ST and RipTide SP models

- Unique design eliminates tarp damage
- Easy on / easy off mounting – removes in seconds
- Exclusive locking feature
- Marine grade powder coat finish

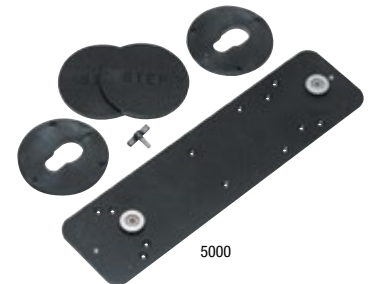


| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Motor mate mounting plate and hardware | — | 94100-4 |

Trol-Lock™ Motor Mount

- Pre-drilled for MotorGuide trolling motors
- 5-1/2 inch x 20-1/2 inch black powder coated base with 5-1/2 inch diameter mounting plates
- Perfect for fish-and-ski and pontoon boats
- Choice based on torque application (lbs. of thrust x shaft length = torque lb. – inches.)
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Max Torque | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------------|----------------|---------|-----------------------|---------|
| For MotorGuide trolling motors with 07 and 16 mounts. Also retro fits 01 and 15 mounts. Comes with glass filled plastic mounting pads and step pad covers. | 2,604 – lb.-in. | — | | 5000 | * |



PADDLESPORTS ACCESSORIES

Canoe Paddles

Aluminum Paddles

Heavy aluminum and rugged plastic construction. Ergonomic grip design. Poly-protective shaft grip.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Wooden Paddles

Economical and lightweight. Palm grip. Varnish finish.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------------|----------------|---------|-----------------------|---------|
| ALUMINUM PADDLES | | | | |
| 4 ft. Length | 11764-1 | * | — | |
| 4 ft. Length (Camouflage Green Blade) | 11759-1 | * | — | |
| 5 ft. Length | 11765-1 | * | — | |
| WOODEN PADDLES | | | | |
| 2-1/2 ft. Length | 11760-1 | | — | |
| 4 ft. Length | 11761-1 | | — | |
| 5 ft. Length | 11762-1 | | — | |



11759

11764 / 11765

11760 / 11761 / 11762

Stand-Up Paddle Board (SUP) Paddle

Paddle easily adjusts from 55-inches to 82-inches allowing families to share a SUP board. Constructed of heavy-gauge aluminum and engineered plastic components. Durable aluminum shaft with cupped 10° blade for increased efficiency and performance. Glass-filled ABS blade construction for long-term durability.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Blade color – white
- Black, polypropylene grip
- Designed and engineered in the USA

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| SUP Paddle | — | | 11772-1 | * |



11772

Kayak Paddles

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Straight-Blade Paddles

Heavy aluminum and rugged plastic construction. Two-piece breakdown design is ideal for storage and compact transport. Drip rings included. Soft foam grips.

Asymmetrical Paddles

Asymmetrical spoon blade paddles are designed to increase efficiency of stroke performance and reduce noise and blade flutter in the water. Made from heavy-duty aluminum and engineered plastic construction. Two-piece breakdown design with multiple angle positions that allow for customization for each paddler.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------------|----------------|---------|-----------------------|---------|
| STRAIGHT KAYAK PADDLES | | | | |
| 7 ft. Length | 11763-1 | * | — | |
| ASYMMETRICAL KAYAK PADDLES | | | | |
| 7 ft. Length | 11768-2 | * | — | |
| 7-1/2 ft. Length | 11766-1 | * | — | |



Vibrant Asymmetrical Paddles

Unique blade shape increases stroke efficiency and minimizes flutter in the water. The combination of performance and vibrant colors create an expressive kayaking experience. Paddle angles can be adjusted when attached together for a more customized stroke based on skill level for both left and right-hand users.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

- Graphics and vibrant color on each blade
- Tested for performance and durability
- Stay dry with pre-attached drip rings

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------|---------------------------|----------------|---------|-----------------------|---------|
| 7 ft. Length | Orange-Red & White-Gray | — | | 11756-2 | * |
| 7-1/2 ft. Length | White-Koi Blue & Key Lime | — | | 11757-2 | * |
| Adjustable, 7 ft. – 7-1/2 ft. | Black | — | | 11758-2 | * |



Telescoping Paddle

- Compact for easy storage
- Telescopes to 42" (1.06m)
- High impact plastic blade with corrosion-resistant aluminum pole

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------|----------------|-----------------------|
| Paddle, telescoping | — | 11828-1 |



11828

Paddle Clips

Secures paddles for freeing up both hands or resting from paddling. Fits 1-inch diameter shafts.

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------------|----------------|-----------------------|
| Paddle Clips, 1" diameter | — | 11780-6 |



11780

Kayak Handle Replacement Set

Tough but comfortable, designed kayak carry handles for replacement on most kayak types and brands. The contoured grip makes carrying your kayak easier and more comfortable. Easy installation. Durable, black plastic and strong, braided rope.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Kayak Handle Replacement Set, package of two | — | 11944-7 |



11944

Oarlock Shanks

Made from heavy-gauge steel with a bright zinc finish. Adjustable and very easy to install; no holes to drill, clamp-on easily. One pair.

| Description | Bulk Packaging | Aftermarket Packaging |
|------------------|----------------|-----------------------|
| 1/2" Shank, Pair | — | 9146-6 |



9146

Oarlock Sockets

These heavy-duty sockets are made of heavy gauge steel designed to provide years of rugged use. The unique angle design allows for secure attachment to the boat that can outlast most original equipment sockets. One pair.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------|-----------------------|
| 1/2" Socket, Pair | — | 9149-6 |

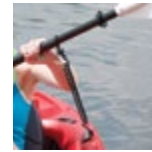


9149

Paddle Lanyards

Use the Standard Lanyard's sturdy clip or the Premium's velcro strap to secure your paddle and prevent dropping it overboard. Coiled bungee cord allows for advanced paddling with easy stowage.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



11909



11912

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------|---------|-----------------------|---------|
| Standard | — | | 11909-7 | * |
| Gear Accessory Leash, 36" | — | | 11912-5 | * |

Rescue Line Throw Bag

50 ft. of 3/8-inch floating polypropylene line for water rescues. High visibility red bag with wide, yellow reflective strip for improved visibility in low light conditions.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------|----------------|---------|-----------------------|---------|
| Rescue Line Throw Bag, 50 ft. | — | | 11808-2 | * |



11808

Hand-Operated Bilge Pumps

Safely remove unwanted water, and other liquids from kayaks and other small boats.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------|----------------|---------|-----------------------|---------|
| Kayak Hand Bilge Pump, 18" | — | | 11595-2 | * |
| Hand Bilge Pump, 25", 32" Hose | — | | 11596-2 | * |



11596

11595

Kayak Foot Braces

Lightweight design fits both sit-in and sit-on-top style kayaks. Trigger lock design allow for easy adjustment.

Tracks use a universal mounting hole pattern. One pair. Mounting hardware not included.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------|----------------|---------|-----------------------|---------|
| 15" Length, pair | | 11940-1 | 11940-2 | * |



11940

Kayak Skirt

Keep water out of the kayak with this universal-fit spray skirt made with polyurethane-coated 210 Denier nylon. Dual-side adjustability and PVC-sealed seams. Mesh bag included.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Kayak Skirt, Universal (up to 40" long and 22" wide opening) | — | 11776-5 |



11776

Kayak Cockpit Cover

Universal-fit cover made with 210 Denier nylon. Has a 3/16-inch shock cord border and black, polypropylene clips.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Kayak Cockpit Cover, Universal (up to 40" long and 22" wide opening) | — | 11775-5 |



11775

Sit-On-Top Kayak Seat

Attwood's adjustable kayak seat provides a padded seat cushion and ample back support. Universal sizing for all sit-on-top kayaks. Four adjustable straps for a custom fit. Quick-drying, UV-resistant fabric with corrosion-resistant hardware. Durable nylon covering with additional storage bag on back of seat.

| Description | Bulk Packaging | Aftermarket Packaging |
|--------------------------------------|----------------|-----------------------|
| Foldable, clip-on kayak seat - Black | — | 11778-2 |



11778

Deck Plates

Allow addition of storage options to your canoe, kayak, or small boat. Screw out design. High-impact ABS plastic is durable, rugged, and weather-resistant.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------|-------------------|----------------|---------|-----------------------|---------|
| 4"-dia. | White | #8 fasteners (6) | 12790-1 | * | 12790-3 | * |
| | Black | #8 fasteners (6) | 12791-1 | * | — | — |
| 6"-dia. | White | #8 fasteners (6) | 12792-1 | * | — | — |
| | Black | #8 fasteners (6) | 12793-1 | * | — | — |
| 8"-dia. | White | #8 fasteners (6) | 12794-1 | — | — | — |



12793

12794



30° Rod Holder

Ideal for kayak use. Closed end keeps water out. ABS plastic construction.

Flush mounts easy with three 1/4-inch screws (not included).

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|----------------|---------|-----------------------|---------|
| 30° Rod Holder, closed end | — | — | 12704-2 | * |



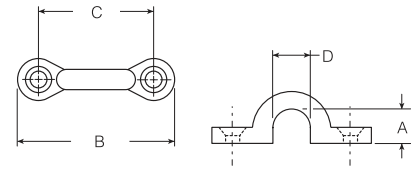
12704

PADDLESPORTS HARDWARE

Pad Eyes

All pad eyes are pre-drilled with two mounting holes.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | A | B | C | D | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|-------------|---------|-------|-------------------|----------------|---------|-----------------------|---------|
| Cast Stainless Steel | 3/8"-diameter | 1-7/8" long | 1-3/8" | 1/2" | #10 fasteners (2) | 66105-1 | | 66105-3, four | |
| Stamped Stainless Steel | 5/16"-diameter | 1-1/8" long | 3/4" | 5/16" | #6 fasteners (2) | — | | 12955L3, pair | |
| Chromed bronze | 5/16"-diameter | 1-7/8" long | 1-3/8" | 1/2" | #10 fasteners (2) | 12988-1 | * | — | |
| White Nylon | 5/16"-diameter | 1-7/8" long | 1-7/16" | 5/16" | #10 fasteners (2) | — | | 10603-3 | * |
| Black Nylon | 5/16"-diameter | 1-7/8" long | 1-7/16" | 5/16" | #10 fasteners (2) | — | | 10604-3 | |



Nylon Cleats

Ideal for tying off an anchor or for temporary docking. Includes (2) strong 4-inch lightweight cleats. Pre-drilled for #12 screws.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------|----------------|-----------------------|
| Nylon Cleats, set | — | 11783-7 |



Zig-Zag Cleats

Makes a great primary cleat on kayaks, canoes, fishing boats and pontoons. Also good as a utility cleat on docks, piers, trailers, and more. 4-inch model handles rope up to 1/2-inch diameter. 3-inch and 3-1/2 inch models handle rope up to 3/8-inch diameter. One pair.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|----------------|---------|-----------------------|---------|
| Zinc Plated, Pair | — | | 11950-6 | * |
| | | | 11951-6 | * |
| Black Nylon, Pair | — | | 11926-7 | * |



Zig-Zag Fender Hanger

No need for knots in your fender lines. Keeps fenders in place with a simple system. Put line over rail and weave it through the zig-zag teeth.

| Description | Bulk Packaging | Aftermarket Packaging |
|---|----------------|-----------------------|
| Fender Hanger, pair w/ 4' fender lLines | — | 11952-7 |



PADDLESPORTS TRANSPORTATION & STORAGE

Canoe Car-Top Carrier Kit

Simple, convenient kits for carrying canoes and small boats on car roof. Includes four supporting foam blocks that snap on boat's gunwale and help prevent scratches on car top. Two straps with adjusting buckles and clips. Includes 20 ft. of polypropylene rope and S-hooks to secure bow and stern to bumpers. Straps are sturdy poly web with vinyl-coated clips.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Car-Top Universal Canoe Carrier Kit | — | | 11437-7 | * |



11437

Kayak Car-Top Carrier Kit

Simple, convenient kits for carrying kayaks on car roof. Includes two supporting foam blocks to support kayak and help prevent scratches on car top. Two straps with adjusting buckles and clips. Straps are sturdy poly web with vinyl-coated clips.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------|---------|-----------------------|---------|
| Car-Top Kayak Carrier Kit | — | | 11438-7 | * |



11438

Kayak Roof Rack – J Style

Easy to install kayak carrier mounts securely and safely to most standard and aftermarket roof rack cross bars. J-style design allows for easy loading and unloading of kayaks. Durable powder-coated steel construction holds up to 120 lbs. Foam rubber protection pads and detailed instructions included.

| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------------------|----------------|-----------------------|
| Kayak Roof Rack Carrier Kit | — | 11441-4 |



11441

Kayak/Canoe Cart

Haul your kayak easier than ever with Attwood's new Kayak/Canoe Cart, now with premium wheels! Enhanced large diameter wheels cannot deflate, simplifying transport over uneven terrain. Cart easily disassembles to fit into most kayak hitches. Holds up to 100 lb. loads.



11930

| Description | Bulk Packaging** | Aftermarket Packaging |
|--------------------|------------------|-----------------------|
| Kayak & Canoe Cart | — | 11930-4 |

Kayak Hoist System

Complete hoist system for kayaks, canoes, bikes, ladders, and more. Hooks and locking mechanisms safely hold up to 120 lbs. Easy lifting pulley system and 2-inch wide webbing hang straps. Includes all mounting hardware.



11953

| Description | Bulk Packaging | Aftermarket Packaging |
|--------------------|----------------|-----------------------|
| Kayak Hoist System | — | 11953-4 |





TRAILERING PARTS & ACCESSORIES

Trailer Guide Lights

Trailer guide lights aid in backing and maneuvering trailers at boat ramps and in tight areas. Waterproof, bright red, LED lights make it easy to identify trailer angle and position, even in low light conditions. Mount to trailer frame or guidepost with corrosion-resistant aluminum and steel mounting. Mounting hardware not included.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|----------------|---------|-----------------------|---------|
| Trailer Guide Light Assembly | — | — | 14066-7 | — |



14066

Submersible Trailer Light Kit

Complete kit includes a pair of 8-function stop/tail/turn lights, wiring harness, and license plate bracket. Applicable to trailers under 80-inches wide. Ideal for utility, snowmobile, camping, motorcycle, and boat trailers.

Design conforms to applicable US FMVSS and Canadian CMVSS safety standards.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|----------------|---------|-----------------------|---------|
| Submersible Kit | — | — | 14060-7 | * |



14060

Low-Profile Submersible Trailer Light Kit

Low profile for trailers over 80-inches wide. The complete kit includes (2) multi-function lamps, wiring harness, license plate bracket, and mounting hardware. Ideal replacement lights for most boat trailers. Conforms to applicable U.S. FMVSS and Canadian CMVSS safety standards.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|----------------|---------|-----------------------|---------|
| Low-Profile Submersible Trailer Light Kit | — | — | 14063-7 | * |



14063

Submersible LED Trailer Light Kit

Complete kit includes (2) multi-functional (stop/tail/turn) submersible LED trailer lights, license plate bracket, wiring harness, and installation hardware. For use with trailers under 80-inches wide. Conforms to applicable U.S. FMVSS and Canadian CFMVSS standards.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------|---------|-----------------------|---------|
| Submersible LED Light Kit | — | — | 14065-7 | * |



14065

LED Low-Profile Trailer Light Kit

Complete kit includes (2) multi-functional (stop/tail/turn) submersible low-profile LED trailer lights, license plate bracket, wiring harness, and installation hardware. Ideal replacement or upgrade for most trailers. Conforms to applicable U.S. FMVSS and Canadian CFMVSS standards.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|----------------|---------|-----------------------|---------|
| Low-profile LED Light Kit | — | — | 14064-7 | * |



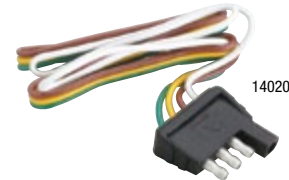
14064

Trailer Wiring Harness/Connectors

The most popular 4-way flat wiring harness kit for vehicles and trailers. Copper-stranded, color-coded wire and plastic molded terminals with four-prong trailer plug or vehicle socket. Both ends have 18-inch plug wire and 48-inch socket wire.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| 18" plug and 48" socket | — | | 7663-5 | * |
| 12" plug | — | | 14020-3 | * |



Complete Trailer Wiring Kit

Kit Includes: (1) Receptacle and harness, 4 ft. (1.2 m), (1) plug and harness, 25 ft. (7.6 m), (4) blue quick connectors and (8) trailer wire attachment clips.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|----------------|---------|-----------------------|---------|
| Complete Wiring Kit | — | | 7621-7 | * |



Trailer Light Circuit Testers

The light indicators on this inline circuit tester show which circuit (tail lights, ground, left-or-right signal) is having problems.

| Description | Bulk Packaging | Aftermarket Packaging |
|------------------------|----------------|-----------------------|
| Circuit Tester, Inline | — | 14133-6 |



Trailer Safety Chain

Connects the trailer tongue to the trailer hitch on the towing vehicle for security and safety. Meets SAE specifications. Welded, solid steel with bright zinc-plated finish and hooks at both ends. Two chains required per trailer.

| Description | Specifications | Bulk Packaging | Aftermarket Packaging |
|---|-------------------|----------------|-----------------------|
| Class II Safety Chain with Spring Clips | 51" L x 1/4" dia. | — | 11011-7 |

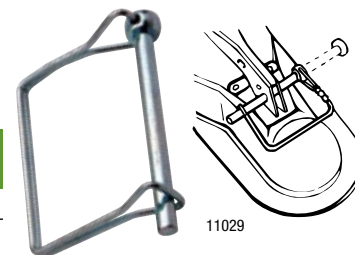


Coupler Locking Pin

Quick connect and disconnect, to keep coupler from accidentally disengaging. Fits 2-inch and 3-inch couplers. Pin fits through coupler release handle to provide security and safety.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Solid zinc-plated steel, 2-1/4" W x 1-5/8" L | — | | 11029-6 | * |

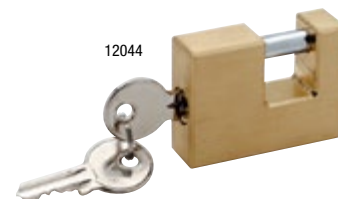


Coupler Security Lock

For maintenance-free trailer security. While this lock is in place, coupler cannot be used. Solid brass with rust-proof stainless steel shackle pin. Includes two keys.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions Shank Length | Diameter | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|----------------------------|----------|----------------|---------|-----------------------|---------|
| Coupler Security Lock | 5/8" | 1/4" | — | | 12044-6 | * |



Trailer Tongue Lift Handle

- Convenient handle for maneuvering trailer tongue
- Mounts easily to most trailer couplers

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| Lift Handle | — | 11130-7 |



11130

Non-Skid Pads

Precision 6-inch x 12-inch die-cut pads are simple to install on trailers, boats, and docking for additional safety. Rugged anti-slip surface is 100-grade coarse grit. A proven adhesive ensures long-lasting performance.

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------|----------------|-----------------------|
| Non-Skid Pads, pair | — | 6260-4 |



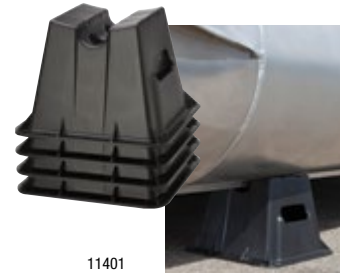
6260

Pontoon Storage Blocks

Great for fall and winter pontoon storage. Stable design keeps pontoon hull dry and off the ground. High-density, engineered composite protects pontoon surface. Conveniently stack together when not in use. Each block holds 4,000 lb. capacity. Lightweight and easy to use. Will not absorb moisture.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------------|----------------|---------|-----------------------|---------|
| Pontoon Storage Blocks Set of 4 | — | | 11401-4 | * |



11401

Fold-Up Trailer Jacks

Fits 3-inch x 5-inch tongue. Swings up and out of the way. Corrosion-resistant, zinc-plated steel tubing.

Swing-up jack has a convenient sidewind handle and a tough 6-inch diameter polypropylene wheel.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Travel Lift | Lift | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|-------------|------|----------------|---------|-----------------------|---------|
| 1000 lbs. capacity, single wheel | 10" | 24" | — | | 11127-4 | * |
| 1500 lbs. capacity, dual wheel | 12" | 26" | | | 11126-4 | * |



11127



11126

Trailer Winches

Many factors affect the capacity of a winch in pulling a boat. As a rule of thumb, winches may be used to trailer boats up to two times the winch capacity. For example, a 1200-lb. capacity winch may be used to load boats up to 2,400-lbs.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Caution: Attwood winches are not intended for use as hoists; for lifting, supporting, or transporting people; nor for lifting loads over people.



Dual Drive Winch—2,000 pound

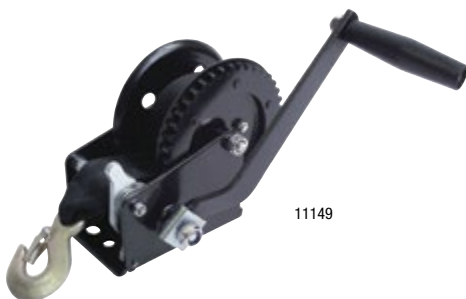
Dual drive enhances the pulling capacity by distributing the load equally to two sets of gears. Eliminates frame torque. 2,000-lb. load capacity with 4.1:1 gear ratio. Three-position pawl provides forward, neutral, and reverse operations. Black EDC finish. Molded, textured roller grip. Includes 2-inch x 20 ft. nylon web strap with zinc-plated snap hook.

Single Drive Winch—1,200 pound

Solid gear construction with precise gear tooth engagement. 1,200-lb. load capacity with 4.1:1 gear ratio. Three position pawl provides forward, neutral, and reverse operations. Black EDC finish. Molded, textured roller grip. Includes 20 ft. nylon web strap with zinc-plated snap hook.

| Description | Type | Gear Ratio | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|--------|------------|----------------|---------|-----------------------|---------|
| 2000 lb. with 2" W x 20' L nylon strap | Dual | 4.1:1 | — | | 11195-4 | * |
| 1200 lb. with 2" W x 20' L nylon strap | Single | 4.1:1 | | | 11149-4 | * |

See tie downs on Pages 157-159 for replacement winch straps, cable and rope.



Trailer Winch Straps

Winch straps, cables, and ropes are available to fit most winches, loads, and applications. A complete selection of winch products to meet every customer need and a variety of price points.

Selecting a winch strap, rope, or cable: NMMA, SAE, and BIA Standards require the minimum breaking strength of winch cable, rope, strap, and hook be at least 1.5 times the rated straightline pull of the winch. For example, if a winch rope has a breaking strength of 1,500 lbs., it can only be used on winches rated up to 1,000 lbs. All Attwood winch cables, ropes, and straps are rated for the winch on which they can be installed. Winch ropes, strap, and cable should have a minimum of four (4) complete wraps around the winch drum in the most extended position for launching or retrieving the boat.

You can depend on Attwood winch straps. They're easy to install and prevent tangling on winch drum. Built to be strong and durable. UV-resistant webbing with a special, heavy-duty, forged steel, snap hook. The extra-long throat is designed for easier attachment to bow eyes on boats. Two strap-end styles are available for easy, secure attachment to the winch drum. Rated for winches up to 2,000 lbs.

Webbing: Polyester webbing is one of the finest web strap materials available. Polyester does not stretch and offers excellent resistance to ultraviolet degradation from sunlight.

Strap-End Styles: Two styles available (1) Cut-End, and (2) Sewn-Loop End.

Hook: Heavy-duty, forged, zinc-plated steel snap hook. Spring-loaded closure for secure attachment. Extra-long throat for easy attachment.



11141

11136

| Description | Length | Bulk Packaging | Aftermarket Packaging |
|---------------|--------|----------------|-----------------------|
| Cut-end | 15 ft. | 11136-1 | 11136-7 |
| | 20 ft. | 11137-1 | 11137-7 |
| | 25 ft. | 11138-1 | 11138-7 |
| Sewn-loop end | 15 ft. | 11141-1 | 11141-7 |
| | 20 ft. | 11147-1 | 11147-7 |
| | 25 ft. | 11153-1 | 11153-7 |

Winch Ropes

Poly Winch Ropes

Twisted polypropylene 3/8-inch diameter winch rope is economical, versatile, and easily spliced. Resistant to rot and mildew and is UV stabilized. For winches rated up to 1,200 lbs., not intended for other uses

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|-------|----------------|---------|-----------------------|---------|
| POLY WINCH ROPE | | | | | |
| 3/8" x 20' Long | Black | — | | 11739-2 | |



11739



BOW STOPS & ROLLERS

Road-ready bow stops, rollers, and roller brackets provide protective support for your boat's hull while it's on the trailer, and allow easier launching, centering, and retrieval of the boat. This assortment includes rollers, bow stops, and steel roller brackets. Rollers and bow stops are available in polymer or rubber.

| Rubber Rollers | Polymer Rollers |
|---|--|
| Non-marring prime rubber compound | Will not mark or discolor your boat |
| Economically priced | Resist cuts and abrasions |
| Original equipment replacements for most trailers | Have superior durability to outlast ordinary rollers |

Bow Stop, Polymer

Non-marring, resilient bow protection. Smooth finish allows easy centering. Polymer bow stops are rugged and dependable. Impervious to sunlight, chemicals, and fuels.

| Dimensions | Opening Size | Hole Diameter | Bulk Packaging** | Aftermarket Packaging |
|--------------------------------|--------------|---------------|------------------|-----------------------|
| 2-3/4" H x 2-7/8" W x 3-1/2" D | 3" | 1/2" | 11305-1 | — |



11305



11201



11200



11202

Bow Stops, Rubber

Molded rubber stops. Each is pre-drilled with 3/8-inch or 1/2-inch diameter hole.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions | Hole I.D. | Bulk Packaging** | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------|-----------|------------------|---------|-----------------------|---------|
| 2" x 2" | 3/8" | 11200-1 | * | — | — |
| 3" x 3" | 1/2" | 11201-1 | * | — | — |
| 4" x 4" | 1/2" | 11202-1 | * | — | — |

Bow Rollers, Polymer

Non-marring, resilient bow protection. Smooth finish helps boat roll easily into place. Impervious to sunlight, chemicals, and fuels.

| Description | Dimensions | Hole I.D. | Bulk Packaging** | Aftermarket Packaging |
|---------------------|--------------------|-----------|------------------|-----------------------|
| Bow Roller | 3" O.D. x 3" L | 1/2" | 11310-1 | — |
| Bow Roller | 3" O.D. x 3" L | 1/2" | 11881-1 | — |
| Bow Roller | 4" O.D. x 4" L | 1/2" | 11880-1 | — |
| Bow Roller w/ Bells | 3-1/2" O.D. x 4" L | 1/2" | 11857-1 | — |



11310



11881



11857

Bow Rollers, Rubber

Durable protective molded rubber bow rollers.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Outside Diameter | Shaft Diameter | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|------------------|----------------|----------------|---------|-----------------------|---------|
| 3" length | 3" | 1/2" | 11205-1 | * | — | |
| 4" length | 3-1/2" | 1/2" | 11209-1 | * | — | |



11205

Spool/Keel Rollers, Polymer

Smooth, non-marring, resilient protection. Impervious to sunlight, chemicals & fuels. Fits 1/2-inch diameter shafts.

| Dimensions | Outside Diameter | Bulk Packaging | Aftermarket Packaging |
|-------------------|------------------|----------------|-----------------------|
| Spool/Keel Roller | 4" | 11315-1 | — |
| | 5" | 11317-1 | — |
| Keel Roller | 8" | 11319-1 | — |



11317



11319

Keel Rollers, Heavy-Duty Rubber

These durable, protective rollers are for heavy-duty use. Molded rubber over a steel tube with nylon end inserts. The gradual inward taper and "V" cut eases loading and launching of heavier boats. Plastic inserts are included to protect from mounting hardware damage.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions | Shaft Diameter | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------|----------------|----------------|---------|-----------------------|---------|
| 8" length | 5/8" | 11215-1 | * | — | |
| 10" length | 5/8" | 11216-1 | * | — | |
| 12" length | 5/8" | 11217-1 | * | — | |



11215

Spool/Keel Rollers, Light-Duty Rubber

Durable and protective. Molded rubber with nylon inserts. 3-inch outside diameter.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions | Shaft Diameter | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------|----------------|----------------|---------|-----------------------|---------|
| 4" length | 5/8" | 11210-1 | * | — | |
| 5-1/4" length | 5/8" | 11211-1 | * | — | |



11210

Groove Rib Roller, Polymer

Non-marking, durable and protective. For use with automatic adjusting roller systems. Nylon insert.

| Description | Dimensions | Shaft Diameter | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|----------------|----------------|-----------------------|
| Ribbed | 5" dia. x 3" W | 1-1/8" | 11882-1 | — |



11882

Adjusting Rollers, Rubber

For use with automatic adjusting roller systems. Molded rubber. Smooth surface has steel insert; ribbed surface has nylon insert.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | Shaft Diameter | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|------------------------|----------------|----------------|---------|-----------------------|---------|
| Smooth | 4-1/4" L x 4-3/8" dia. | 3/4" | 11230-1 | * | — | |



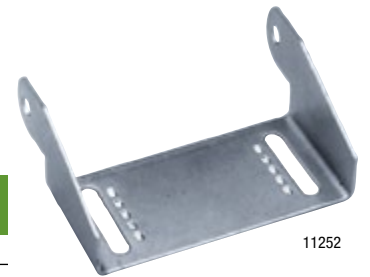
11230

Roller Panel Brackets

Cross-member panel brackets are available for a variety of roller sizes. Long mounting slot allows adjustment. Brackets are pre-drilled with 5/8-inch-diameter holes for roller mount. Zinc-plated or galvanized steel.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions Width Between Holes | Slots Size | Width Between Slots | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------------|------------|------------------------|-------------------|------------|--------------------------|------------|
| 4-1/4" | 2-1/2" | 2-3/8" | 11252-1 | * | — | |
| 8-1/4" | 3" | 5-1/2" | 11254-1 | * | — | |



Bunk Brackets

For mounting bunks. Slotted for vertical adjustments. Mounts with 1/2-inch (1.27 cm) bolt. 11-gauge galvanized steel.

| Length | Width | Bulk Packaging | Aftermarket Packaging |
|--------|-------|-------------------|--------------------------|
| 8" | 2" | 11363-1 | — |
| 10" | 2" | 11364-1 | — |

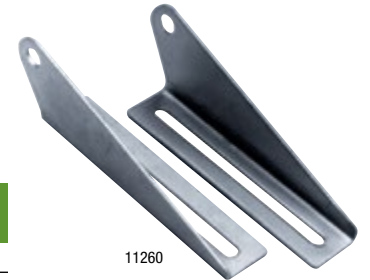


Roller Offset Panel Brackets

Offset panel brackets with 8-inch slot for adjustment. Zinc-plated. For roller mount.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Length | Width Between Slots | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|--------|------------------------|-------------------|------------|--------------------------|------------|
| Zinc-plated steel, Pair | 8" | 5/8" | 11260-1 | * | — | |



Swivel Bolster Brackets

Heavy 11-gauge galvanized steel that is slotted for vertical adjustment. Non slip dimples for secure hold. 3.5-inch wide angle bracket pivots for angled or flat mounting of 2-inch x 6-inch bunk or bolster boards. Complete with nut and bolt for angle bracket. Mounts with 1/2-inch bolt.

| Size | Assembled | Bulk Packaging | Aftermarket Packaging |
|------|-----------|-------------------|--------------------------|
| 8" | 9" | 11360-1 | — |
| 10" | 11" | 11361-1 | — |
| 12" | 13" | 11362-1 | — |



Roller Panel Spool/Keel Bracket Roller Assemblies

Complete spool/keel bracket and roller assembly. Mounts to trailer cross roller assemblies. Formed, zinc-plated steel panel bracket with 1/2-inch-wide slot for adjustment.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

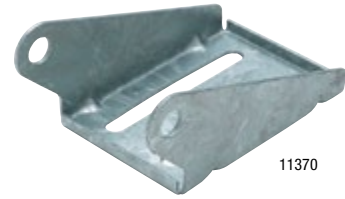
| Description | Included Parts | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----------------------------------|-------------------|------------|--------------------------|------------|
| Spool/keel | 11210 roller and 11252 bracket | — | | 11220-3 | * |
| | 11211 roller and 11253 bracket | — | | 11221-3 | * |



Keel Mounting Bracket

One piece roller bracket with 5-inch slot for vertical adjustment. Mounts with 1/2-inch bolt and is designed to be used with a 5/8-inch roller shaft.

| Size | Slot Center | Bulk Packaging* | Aftermarket Packaging |
|------|-------------|-----------------|-----------------------|
| 5" | 2-3/4" | 11370-1 | — |
| 10" | 8-3/16" | 11371-1 | — |
| 12" | 10-1/8" | 11372-1 | — |



Roller Shaft Sets

Roller shafts and matching pal nuts secure shaft in place on roller. Shaft and nuts are solid zinc-plated steel.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Length | Roller Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|---------|-------------|----------------|---------|-----------------------|---------|
| 5/8" dia. | 6-3/8" | 5-1/4" | — | — | 11282-3 | * |
| | 9-1/4" | 8" | — | — | 11283-3 | * |
| | 11-1/4" | 10" | — | — | 11284-3 | * |
| | 13-1/2" | 12" | — | — | 11285-3 | * |



Pal Nuts

5/8-inch zinc plated pal nuts to be used with 5/8-inch roller shafts.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| Set of 8 | — | 11368-3 |



Roller Bracket U-Bolt Sets

Square bend-style U-bolts for roller brackets. Solid, zinc-plated steel with lock washers and nuts. All bolts are 7/16-inch diameter stock.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Inside Width | Threads | Inside Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|---------|---------------|----------------|---------|-----------------------|---------|
| 3-1/8" | 2" | 3" | — | — | 11434-3 | * |
| 4-1/8" | 2" | 3" | — | — | 11436-3 | * |



Trailer Bunk Padding

12 ft. long roll of durable, weather-resistant polypropylene marine carpet material. Easy to cut and custom fit. Protects hull; eases loading and launching. Charcoal color; acrylic backing grips surface of trailer bunk boards or cradle. No excessive fuzz, static-free. Made for minimal water retention.

| Description | Bulk Packaging | Aftermarket Packaging |
|-------------|----------------|-----------------------|
| 8" wide | — | 11246-1 |
| 12" wide | — | 11247-1 |



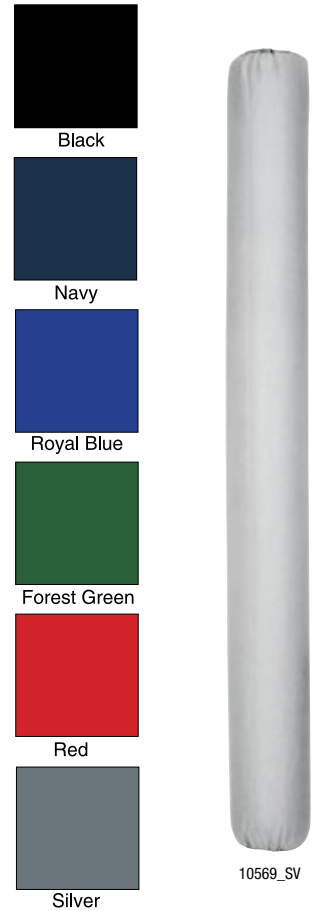
Boat Trailer Guide Protectors

Boat Trailer Guide Protectors simply slide over existing trailer guide posts to help protect boat from scratches and impact. These protectors not only protect your boat but enhance the look too. Made of closed-cell polyurethane foam with nylon cloth covers. Sold in pairs.



* **⚠️ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

| I.D. | Length | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------|--------|--------------|----------------|---------|-----------------------|---------|
| 2" | 36" | Black | — | | 105693BK | * |
| 2-1/2" | 36" | Black | — | | 105694BK | * |
| | | Forest Green | — | | 105694FG | * |
| | | Navy | — | | 105694NV | * |
| | | Red | — | | 105694RD | * |
| | | Royal | — | | 105694RB | * |
| | | Silver | — | | 105694SV | * |
| 48" | 48" | Black | — | | 105695BK | * |
| | | Forest Green | — | | 105695FG | * |
| | | Navy | — | | 105695NV | * |
| | | Red | — | | 105695RD | * |
| | | Royal | — | | 105695RB | * |
| | | Silver | — | | 105695SV | * |
| 60" | 60" | Black | — | | 105696BK | * |
| | | Forest Green | — | | 105696FG | * |
| | | Navy | — | | 105696NV | * |
| | | Red | — | | 105696RD | * |
| | | Royal | — | | 105696RB | * |
| | | Silver | — | | 105696SV | * |



U-Bolt Style Tire Carrier

Square-bend U-bolt with bracket mounts tire on tongue or trailer frame. The frame must be between 2-inch x 2-inch square to 3-1/2-inch x 4-inch rectangular in size. Fits 4- or 5-lug hole rims. Extra-long 8-1/2-inch shaft fits 8-inch to 15-inch tires.

* **⚠️ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|----------------|---------|-----------------------|---------|
| Zinc-plated steel | — | | 11090-3 | * |



HubMate Wheel Bearing Protectors and Covers

HubMate bearing protectors replace dust cap in the wheel hub. The accessible grease fitting allows you to add grease without disassembling. Positive grease pressure keeps water and dirt out. Automatically lubricates, reducing wear and prolonging bearing life. Covers are custom-fitted PVC.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------------------|----------------|---------|-----------------------|---------|
| 1.98" Outer Hub I.D. | — | | 11108-7 | * |
| 1.98" Outer Hub I.D.—Stainless Steel | — | | 11110-7 | * |

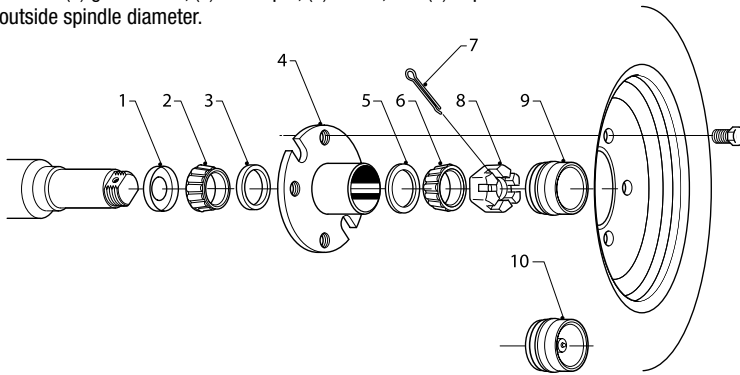


11108

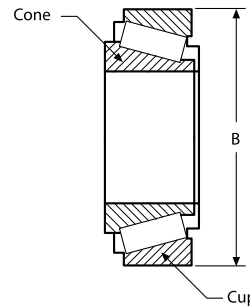
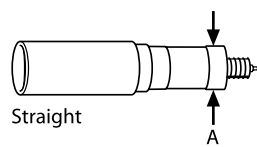
Wheel Bearing Kits

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Wheel bearing kits contain (1) grease seal, (1) cotter pin, (2) cones, and (2) cups. Sized according to outside spindle diameter.



- 1.....Grease Seal
- 2.....Inner Bearing Cone
- 3.....Inner Bearing Cup
- 4.....Hub
- 5.....Outer Bearing Cup
- 6.....Outer Bearing Cone
- 7.....Cotter Pin
- 8.....Spindel Nut
- 9.....Grease Cap
- 10.....HubMate Bearing Protector



11110



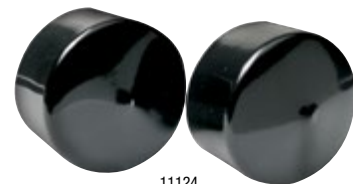
11054

| Description | Outer Bearing O.D. | Outer Hub I.D. | Outer Bearing | | Inner Bearing | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------------------|----------------|---------------|--------|---------------|------|----------------|---------|-----------------------|---------|
| | A | B | Cone | Cup | Cone | Cup | | | | |
| Straight | 1" | 1.98 | L44643 | L44610 | same | same | — | | 11054-6 | * |

Wheel Bearing Protector Cover

Covers your bearing protectors to keep out dirt and grime and prevent grease from being thrown onto the trailer and wheels.

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|----------------|---------|-----------------------|---------|
| 1.98 Bearing Buddy Cover | — | | 11124-6 | * |



11124



Transom Savers

We've got you covered

A lifted outboard puts hundreds of foot-pounds of pressure on the transom, especially during trailering

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Protect your boat and engine

- Support the cantilevered weight of the motor
- Stabilize engine and steering mechanism when trailering

The Attwood Difference

- Tough components — You'll get long life from our adjustable toggles with replaceable rubber pads
- Innovation — Our shock absorbing spring-loaded transom saver, is designed to reduce damaging effects of road shock. Works great for motors with hydraulic trim/tilt



Composite Head



Heavy-Duty Head

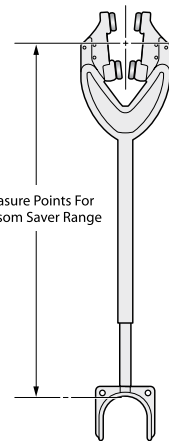


Roller Bracket

All Aftermarket parts include both the Roller and Trailer Mount brackets



Trailer Mount Bracket



Measure Points For Transom Saver Range



SP-400-RB



SP-4000-ADJ-RB



SP-421-RB

Shock Absorbing Spring

| Description | Head Type | Mounting Bracket | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|------------|----------------------|-------------------|---------|-----------------------|---------|
| ADJUSTABLE TRANSM SSAVERS | | | | | | |
| 23"-35" | Composite | Roller | 400-R | * | — | |
| | | Trailer Mount | 400-B | * | — | |
| | | Roller/Trailer Mount | — | | SP-400-RB | * |
| HEAVY DUTY TRANSM SSAVERS | | | | | | |
| 24"-36" | Heavy Duty | Roller | 4000-ADJ | * | — | |
| | | Trailer Mount | 4000-ADJ-B | * | — | |
| | | Roller/Trailer Mount | — | | SP-4000-ADJ-RB | * |
| 32"-44" | Heavy Duty | Roller | 424-ADJ | * | — | |
| | | Roller/Trailer Mount | — | | SP-424-ADJ-RB | * |
| 44"-56" | Heavy Duty | Roller | 436-ADJ | * | — | |
| | | Roller/Trailer Mount | — | | SP-436-ADJ-RB | * |
| SHOCK ABSORBING TRANSM SSAVERS | | | | | | |
| 27"-36" | Heavy Duty | Roller/Trailer Mount | — | | SP-421-RB | * |
| 31"-40" | Heavy Duty | Roller/Trailer Mount | — | | SP-429-RB | * |
| Replacement Parts | | | | | | |
| Bolt on Bracket for Attwood Transom Savers | | | — | | SP-402 | * |
| Replacement Rubber Shocks for Heavy-Duty Head | | | — | | SP-410 | * |
| Replacement Toggle for Heavy-Duty Head | | | — | | SP-416 | * |

Adjustable Transom Saver

Innovative design fits most trailers. Unique angle adjustment (patent pending) from 0-inch to 36-inch with 12-inch increments. Heavy-duty rubber pads and steel construction. Corrosion-resistant, black finish.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Head Type | Mounting Bracket | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|------------|------------------|----------------|---------|-----------------------|---------|
| 36"-60" | Heavy Duty | Trailer Mount | 460-ADJ | * | — | |



Lock N' Stow™

- Locks outboard motor in forward position while trailering, greatly reducing the damaging effects of road shock
- Doesn't tie engine's lower-unit to trailer, eliminating excessive pressure on hydraulic seals and scuff marks
- Small compact mount can be easily stored in just about any boat compartment
- Constructed of black powder-coated steel with stainless steel pins

| Description | Bulk Packaging | Aftermarket Packaging |
|---|----------------|-----------------------|
| Fits: OMC, Bombardier 1989 to present, 100HP and up | — | 10309 |
| Fits: Mercury engines 200 OptiMax, 255 OptiMax, 225HP EFI, 250HP EFI | — | 10107 |
| Fits: Mercury engines 135 OptiMax, 150 OptiMax, 175 OptiMax, 75HP-200HP EFI | — | 10108 |



TIE-DOWN STRAPS

Quick-Release Transom Tie-Down Straps

When properly secured to transom eyes and trailer, transom straps reduce vertical and lateral movement to safely secure the boat to the trailer. They also reduce bouncing of the boat on the trailer pads or rollers. Available in 2-inch width for larger trailerable boats and 1 inch width for lighter boats.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Webbing: Strong webbing. Resists rot, oils, gasoline, and most chemicals.

Buckle: Quick-Release (Over-Center) buckle. Strong and secure, yet easy to use. Quicktightening. Cinch tight and secure by depressing buckle handle. Release by lifting the buckle handle.

Hook: Vinyl-Coated S-Hook to prevent scratching boat or trailer finish. Corrosion-resistant. Heavy-gauge.

Special Features: Protective pad behind buckle to prevent marring and scratches on gel coat and painted surfaces. Hook-N-Loop closure secures the buckle handle in the locked position.



Quick-Release Buckle with Hook-N-Loop Closure

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|--------|----------------|---------|-----------------------|---------|
| 2" Wide, sold in pairs | 2 ft. | 15230-1 | * | 15230-7 | * |
| | 3 ft. | 15231-1 | * | 15231-7 | * |
| | 4 ft. | 15232-1 | * | 15232-7 | * |
| | 5 ft. | 15233-1 | * | 15233-7 | * |
| | 6 ft. | 15234-1 | * | 15234-7 | * |



15230

Bow Strap

Bow straps secure the bow of the boat to the forward trailer member or tongue, and restricts vertical and backward movement of the boat on the rollers or pads. Reduces load on winch and winch strap. Use bow straps with transom or gunwale straps to provide a complete, secure tie-down system.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Webbing: Web fiber is strong and has excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Cam buckle with push-button release. Quick and easy to use. Springloaded lock secures the web strap. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: Contains one vinyl-coated S-Hook for attachment to bow eye. Vinyl coating prevents scratching boat or trailer finish. Corrosion-resistant. Heavy gauge.

Special Features: Strap end contains a sewn-loop to create an adjustable, slip harness for attachment to trailer tongue or frame.

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------|----------------|---------|-----------------------|---------|
| 1" Wide | 3 ft. | 15240-1 | * | 15240-7 | * |



3-Point Tie-Down Strap

3-Point Tie-Downs secure the transom of personal watercraft to the trailer with one strap. The strap contains three S-hooks; the two, sewn end hooks attach to trailer and the single, "free-floating" hook attaches quickly and easily to the stern of the PWC.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Webbing: Web fiber is strong and has excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Cam buckle with push-button release. Quick and easy to use. Spring-loaded lock secures the web strap. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: Contains three, vinyl-coated S-Hooks to protect the finish of the boat and trailer. Floating S-Hook allows for easy installation.

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------|----------------|---------|-----------------------|---------|
| 1" Wide | 94" | 15241-1 | * | 15241-7 | * |



Quick-Release Gunwale Straps

Gunwale straps secure the entire aft section of the boat over the gunwale to the trailer and restrict vertical movement while on the road.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Webbing: Strong webbing. Resists rot, oils, gasoline, and most chemicals.

Buckle: Quick-Release (Over-Center) buckle. Strong and secure, yet easy to use. Quick tightening. Cinch tight and secure by depressing buckle handle. Release by lifting the buckle handle.

Hook: J-Hook with snap-closure for secure, easy attachment. Electrostatic Discharge Coating (EDC) finish to prevent corrosion. Heavy gauge.

For ratchet straps used in gunwale applications, see the General Purpose Utility Strap section on the following page.

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------|----------------|---------|-----------------------|---------|
| 2" Wide | 10 ft. | 15220-1 | * | 15220-7 | * |
| | 13 ft. | 15221-1 | * | 15221-7 | * |
| | 16 ft. | 15222-1 | * | 15222-7 | * |
| | 20 ft. | 15223-1 | * | 15223-7 | * |



General Purpose Tie-Down Straps

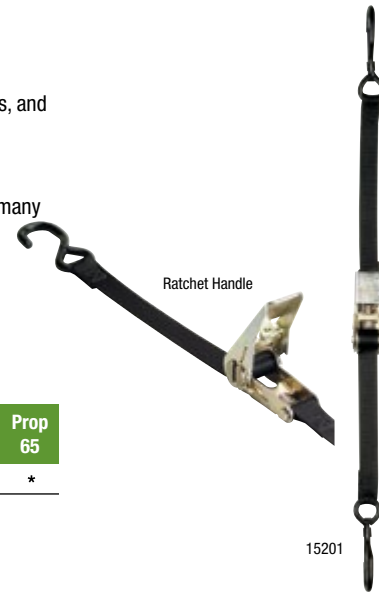
General purpose straps are designed for a variety of applications. Use to secure cargo, motorcycles, bicycles, boats, and other loads. Available in a variety of lengths and styles.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Webbing: Excellent elasticity to absorb sudden shock loads. Resistant to abrasion, rot, oils, gasoline, grease, and many other chemicals.

Buckle: Easy-to-operate ratchet handle cinches and locks the web strap. Quick release; resists jamming from side loads. Zinc-alloy plated finish. Sewn web end prevents the strap from pulling out of the buckle.

Hook: J-Hook with snap-closure for secure, easy attachment. Electrostatic Discharge Coating (EDC) to prevent corrosion. Heavy gauge.



| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------|--------|----------------|---------|-----------------------|---------|
| 1" Wide ratchet | 18 ft. | 15201-1 | * | 15201-7 | * |



| | |
|---|---------|
| CLEATS & ACCESSORIES | 170-174 |
| LIFT RINGS | 175 |
| BOW EYES | 176 |
| HAWSE PIPES | 176 |
| HAND RAILS | 177 |
| WATER SKI HARDWARE | 178-180 |
| BIMINI STYLE CONVERTIBLE TOP ACCESSORIES | 181-183 |
| HINGES | 184-186 |
| SWIVEL HASPS | 186 |
| HATCH & DOOR LOCKS | 187 |
| HANDLES | 188 |
| HATCH HARDWARE | 189 |
| HOOKS | 190-191 |
| OARLOCKS | 191 |
| FASTENER KITS | 191 |
| GAS SPRINGS & ACCESSORIES | 192-198 |



CLEATS & ACCESSORIES



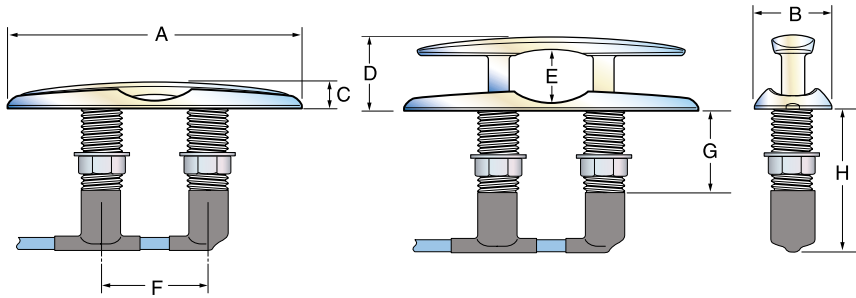
Neat Cleat

The Neat Cleat design offers what you've been asking for — a retractable cleat with a thin profile that installs easily on narrow gunwales.

- Beautiful, strong and durable – each stanchion is a 7/8" rod of solid Enhanced 316 Stainless Steel alloy
- Cleats stay up when pulled
- Backed by a lifetime warranty against corrosion

Installation is simple and quick – just drill twice with an appropriate size hole saw. Drainage receptacles (included) capture moisture and send it to the bilge via pitot tubing (not included). Attwood recommends using only stainless steel fasteners for stainless steel hardware.

* **WARNING** Cancer and Reproductive Harm
– www.P65Warnings.ca.gov (see page 260)



| A | B | C | D | E | F | G | H | Installation | | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|-------------|--------------------|-------------------|--------------|--------------------|---------------|----------------|---------------|---------------------|----------------|---------|-----------------------|---------|
| Total Length | Total Width | Above Deck Lowered | Above Deck Raised | Line Opening | Between Stanchions | Thread Length | Install. Depth | Hole Saw Size | Max. Hull Thickness | | | | |
| NEAT CLEAT | | | | | | | | | | | | | |
| 4-1/2" | 1-5/16" | 1/2" | 1-5/8" | 1-1/4" | 1-3/4" | 1-3/4" | 3-1/8" | 1" | 1" | 66515-1 | * | 66515-7 | * |
| 6" | 1-1/2" | 1/2" | 1-5/8" | 1-1/4" | 2-1/4" | 1-3/4" | 3-1/8" | 1" | 1" | 66517-1 | * | 66517-7 | * |
| 8" | 1-15/16" | 3/4" | 2" | 1-3/8" | 2-13/16" | 2-1/4" | 3-3/4" | 1" | 1-1/2" | 66519-1 | * | — | — |
| 10" | 2-7/16" | 13/16" | 2-5/8" | 1-5/8" | 3-1/2" | 2-7/8" | 5-1/4" | 1" | 1-1/2" | 66538-1 | * | — | — |

Neat Cleat Accessories

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|----------------|---------|-----------------------|---------|
| BACKING PLATES | | | | |
| For 4-1/2" Neat Cleat | 66529-1 | — | — | — |
| For 6" Neat Cleat or Combo Cleat | 66531-1 | — | — | — |
| For 8" Neat Cleat or Combo Cleat | 66533-1 | — | — | — |
| SPACERS | | | | |
| For 6" Neat Cleat or Combo Cleat | 66617-1 | * | — | — |



For our Stainless Steel Thru-Hulls and Scuppers see Pages 17-20.

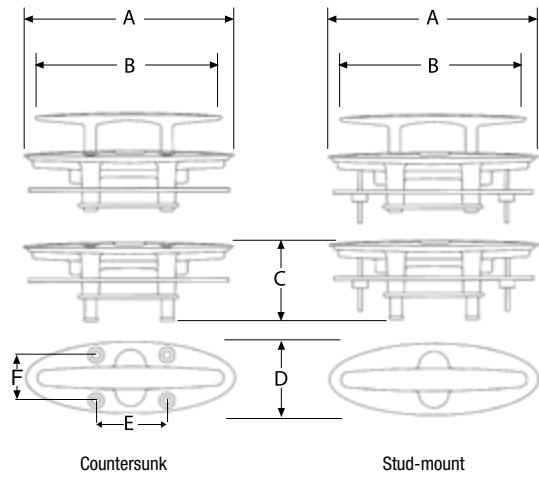


Flush Cleats

This cleat recesses flush to the deck for a clean, contemporary look at an affordable price. Two mounting styles include an exclusive stud-mounted cleat (patented). Water-resistant cleat recesses into cast body, and is captured with lubricated seals. Durable, enhanced cast 316 Stainless Steel construction and simple design assures long-life and dependable operation.
 * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Easy Installation

- Includes backing plate
- Enhanced 316 Stainless Steel Alloy



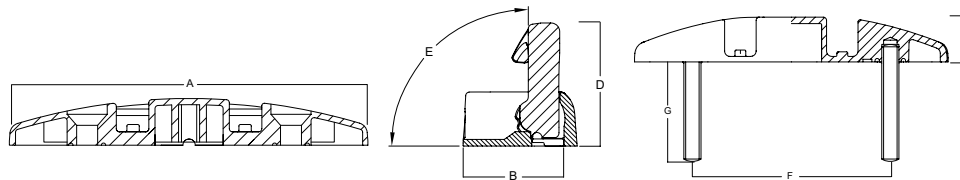
| Description | A | B | C | D | E | F | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|--------|--------|--------|----------|--------|----------|--------------------|----------------|---------|-----------------------|---------|
| COUNTERSUNK* | | | | | | | | | | | |
| 4-1/2" Cleat | 5-1/4" | 4-1/2" | 3-1/8" | 2" | 1-5/8" | 1-7/16" | #10 fasteners (4) | 66510-1 | * | 66510-7 | * |
| 6" Cleat | 7" | 6" | 3-1/3" | 2" | 1-7/8" | 1-21/32" | 1/4" fasteners (4) | 66514-1 | * | 66514-7 | * |
| 8" Cleat | 8-1/2" | 7-3/4" | 3-7/8" | 2-13/16" | 3-1/2" | 2-1/8" | 1/4" fasteners (4) | 66522-1 | * | — | — |
| STUD-MOUNT* | | | | | | | | | | | |
| 4-1/2" Cleat | 5-1/4" | 4-1/2" | 3-1/8" | 2" | — | — | — | 66512-1 | * | — | — |
| 6" Cleat | 7" | 6" | 3-1/3" | 2-3/8" | — | — | — | 66516-1 | * | 66516-7 | * |
| 8" Cleat | 8-1/2" | 7-3/4" | 3-7/8" | 2-13/16" | — | — | — | 66524-1 | * | — | — |

* Countersunk models: Fasteners not included. Stud mount: Fasteners are included.



Folding Cleat

This Enhanced 316 Stainless Steel construction folding cleat locks down to the flush position when not in use, or easily flips up and locks in place when needed. Contemporary look for an economical price. Available with (flush-mount) and without (stud mount) visible holes for mounting.
 * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | A | B | C | D | E | F | G | Fastener(s) Required | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|--------------|-------------|------------------------|----------------------|---------|--------------------|---------------|----------------------|----------------|---------|-----------------------|---------|
| | Total Length | Total Width | Closed Position Height | Open Position Height | Opening | Between Stanchions | Thread Length | Fasteners Included | | | | |
| FLUSH MOUNT | | | | | | | | | | | | |
| 4-1/2" Cleat | | | | | 90° | | | No | 66586-1 | * | — | — |
| STUD MOUNT | | | | | | | | | | | | |
| 4-1/2" Cleat | | | | | 90° | | | Yes | 66588-1 | * | — | — |
| 6" Cleat | | | | | 90° | | | Yes | 66589-1 | * | — | — |



Whitley Cleats

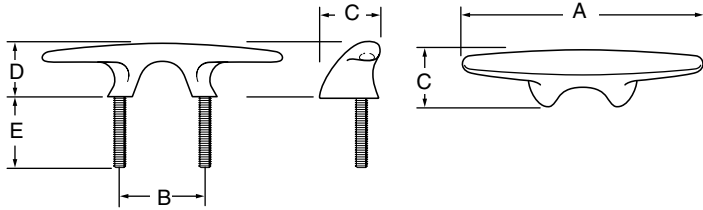
The innovative Whitley Cleat is an Attwood exclusive! The unique, offset design is inspired by contemporary Euro styles. Yet, for all its good looks, this sturdy cleat exceeds ABYC strength standards!

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

- Polished stainless finish provides an attractive, premium appearance for the finest boats
- Alloy is certified Enhanced 316 Stainless Steel. Acid and rinsing baths remove surface contaminants and produce a mirror-finish hydrous oxide film. Backed by a Lifetime Warranty against corrosion
- Stud mounting leaves no exposed fasteners to collect water or dirt
- Stainless steel locking nuts and washers are supplied to fit the concealed stainless steel studs



LIFETIME WARRANTY

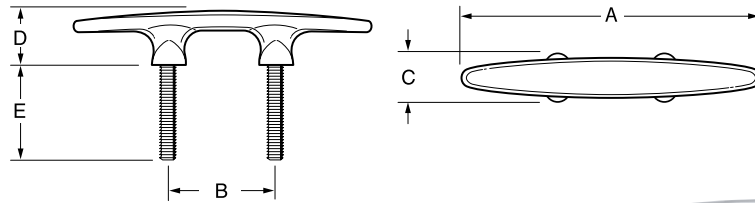


| Description | A | B | C | D | E | Stud Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|---------|----------|----------|---------|--------|------------|----------------|---------|-----------------------|---------|
| 6-1/2" long | 6-1/2" | 2-13/16" | 1-1/2" | 1-1/2" | 2" | 5/16" x 18 | 66062-1 | * | — | — |
| 8-1/2" long | 8-1/2" | 2-15/16" | 2" | 1-7/8" | 2-1/2" | 3/8" x 16 | 66063-1 | — | — | — |
| 10-1/2" long | 10-1/2" | 3-3/16" | 2-15/16" | 2-3/16" | 3" | 7/16" x 14 | 66064-1 | — | — | — |

Contemporary Cleats

These beautiful cleats have a modern look and are priced to compete. The clean lines and well-defined surfaces are in tune with styling of today's boats. Thick stanchions offer hearty appearance and performance. Enhanced 316 Stainless Steel alloy. Guaranteed for life. Stainless locking nuts and washers included.

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

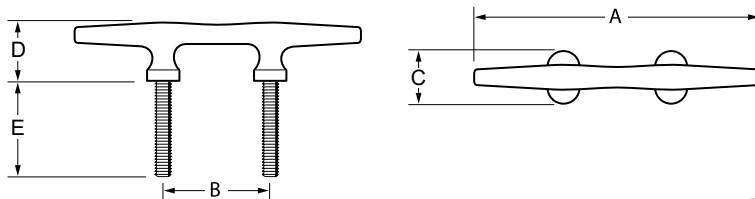


| Description | A | B | C | D | E | Stud Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----|----------|----------|----------|--------|------------|----------------|---------|-----------------------|---------|
| 6" long | 6" | 2-1/4" | 1" | 1-3/16" | 2" | 5/16" x 18 | 66054-1 | * | — | — |
| 8" long | 8" | 2-13/16" | 1-15/16" | 1-3/8" | 2-1/2" | 7/16" x 14 | 66055-1 | — | — | — |
| 10" long | 10" | 3-5/8" | 1-11/16" | 1-13/16" | 3" | 7/16" x 14 | 66056-1 | — | — | — |



Stud Mount Herreshoff Cleat

This cleat features the classic look of a traditional Herreshoff design plus all the advantages of a stud mount installation. Enhanced 316 Stainless Steel alloy. Guaranteed for life. Stainless locking nuts and washers included.

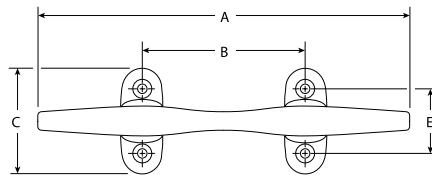


| Description | A | B | C | D | E | Stud Size | Bulk Packaging | Aftermarket Packaging |
|-------------|----|---------|---------|--------|--------|------------|----------------|-----------------------|
| 4" long | 4" | 1-3/16" | 9/16" | 1" | 1-1/4" | 1/4" x 20 | 66334-1 | — |
| 6" long | 6" | 2-1/4" | 7/8" | 1-1/4" | 1-3/4" | 1/4" x 20 | 66335-1 | — |
| 8" long | 8" | 2-7/8" | 1-3/16" | 1-1/2" | 2" | 5/16" x 18 | 66336-1 | — |



Herreshoff Cleats

Classic Herreshoff style cleat provides traditional styling, easy line tie-off, and corrosion resistance. Made of Enhanced 316 Stainless Steel alloy. Four holes for required fasteners.



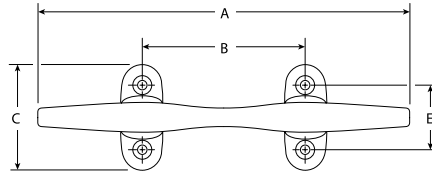
LIFETIME WARRANTY

| Description | A | B | C | D | E | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|-----|----------|----------|---------|----------|---------------------|----------------|-----------------------|
| 5" long | 5" | 2-9/64" | 1-1/2" | 1-1/8" | 1" | #10 fasteners (4) | 66398-1 | — |
| 6" long | 6" | 2-1/4" | 1-7/8" | 1-1/4" | 1-9/64" | 1/4" fasteners (4) | 66009-1 | 66009L6 |
| 8" long | 8" | 2-27/32" | 2-3/16" | 1-1/2" | 1-11/32" | 1/4" fasteners (4) | 66010-1 | 66010L3 |
| 10" long | 10" | 3-3/4" | 2-11/16" | 1-7/8" | 1-1/16" | 5/16" fasteners (4) | 66011-1 | 66011-3 |
| 12" long | 12" | 3-7/8" | 2-3/4" | 2-3/16" | 1-15/16" | 5/16" fasteners (4) | 66012-1 | — |



Heavy-Duty Herreshoff Cleats

This heavy-duty Herreshoff is a wider, taller, and heavier version of the standard Herreshoff cleat. Made of Enhanced 316 Stainless Steel alloy. Four holes for required fasteners.



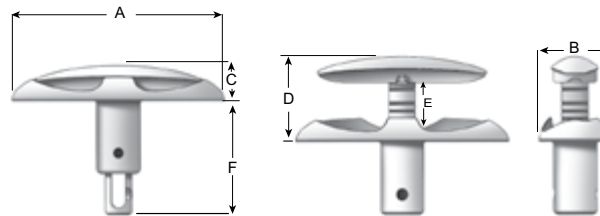
LIFETIME WARRANTY

| Description | A | B | C | D | E | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|-----|----------|---------|--------|----------|--------------------|----------------|-----------------------|
| 8" long | 8" | 2-9/64" | 1-1/2" | 1-1/8" | 1" | #10 fasteners (4) | 66110-1 | 66110-3 |
| 10" long | 10" | 2-1/4" | 1-7/8" | 1-1/4" | 1-9/64" | 1/4" fasteners (4) | 66111-1 | 66111-3 |
| 12" long | 12" | 2-27/32" | 2-3/16" | 1-1/2" | 1-11/32" | 1/4" fasteners (4) | 66112-1 | — |



Fender Cleat

Stainless steel. Easily secure fenders to your boat with a simple lift of this retractable cleat. Durable, enhanced cast 316 Stainless Steel construction and simple design assures longlife and dependable operation. Small 3-1/2" design.



LIFETIME WARRANTY

* **WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)

| A | B | C | D | E | F | Hole Distance | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------|---------|-------|--------|------|--------|---------------|----------------|---------|-----------------------|---------|
| 3-1/2" | 1-3/16" | 9/16" | 1-3/8" | 3/4" | 1-7/8" | 1-11/16" | 66502-1 | * | — | — |



66502

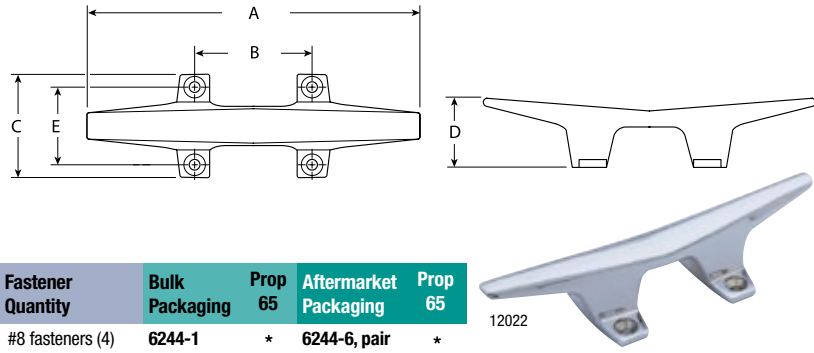


(Not for use for mooring, towing or lifting.)

Chrome-Plated Zinc Cleats

These studded cleats have a modern look and are priced to compete. The clean lines and well-defined surfaces are in tune with styling of today's boats. Thick stanchions offer hearty appearance and performance.

* **WARNING** Cancer and Reproductive Harm
 - www.P65Warnings.ca.gov (see page 260)

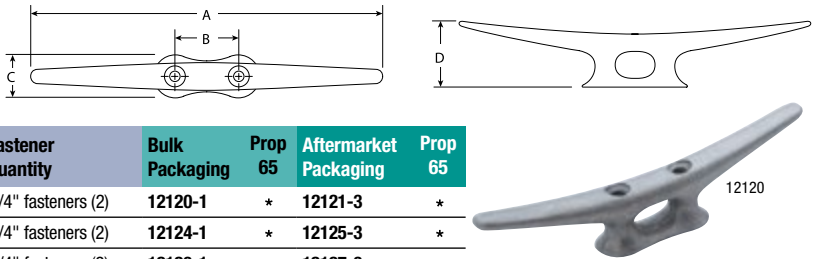


| Description | A | B | C | D | E | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------|----------|---------|----------|---------|-------------------|----------------|---------|-------------------------|---------|
| 4-1/2" long | 4-1/2" | 1-11/16" | 1-5/8" | 1-1/16" | 1-3/16" | #8 fasteners (4) | 6244-1 | * | 6244-6, pair | * |
| 6" long | 6" | 2-7/32" | 2-3/32" | 1-11/32" | 1-1/2" | #10 fasteners (4) | 6245-1 | * | 12009-3 6245-6, pair | * |

Cast Aluminum Cleats

Cast aluminum cleats, available in 4 popular sizes. Ideal for small boats and docks. Two holes for required fasteners.

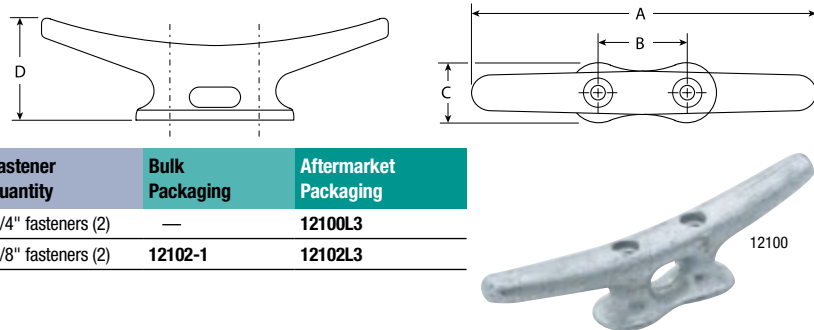
* **WARNING** Cancer and Reproductive Harm
 - www.P65Warnings.ca.gov (see page 260)



| Description | A | B | C | D | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|--------|---------|---------|----------|--------------------|----------------|---------|-----------------------|---------|
| 4-1/2" long, closed base | 4-1/2" | 2-7/32" | 3/4" | 1-1/2" | 1/4" fasteners (2) | 12120-1 | * | 12121-3 | * |
| 6" long, closed base | 6" | 1-3/8" | 7/8" | 1-13/32" | 1/4" fasteners (2) | 12124-1 | * | 12125-3 | * |
| 8" long, open base | 8" | 1-1/2" | 1-1/16" | 1-3/4" | 1/4" fasteners (2) | 12126-1 | * | 12127-3 | * |

Cast Iron Cleats

Cast iron dock cleat with galvanized finish, available in 2 popular sizes. Two holes for required fasteners.

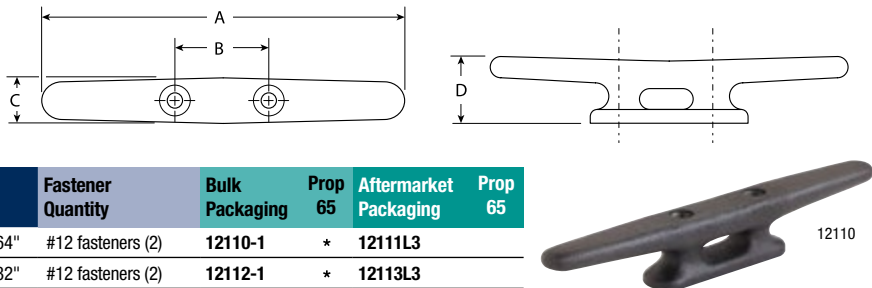


| Description | A | B | C | D | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|----|--------|--------|---------|--------------------|----------------|-----------------------|
| 6" long | 6" | 1-3/8" | 7/8" | 1-3/16" | 1/4" fasteners (2) | — | 12100L3 |
| 8" long | 8" | 1-7/8" | 1-1/8" | 1-5/8" | 3/8" fasteners (2) | 12102-1 | 12102L3 |

Nylon Cleats

Corrosion-resistant light weight cleats. Two holes for required fasteners.

* **WARNING** Cancer and Reproductive Harm
 - www.P65Warnings.ca.gov (see page 260)



| Description | A | B | C | D | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------|----------|--------|---------|--------------------|----------------|---------|-----------------------|---------|
| 5" long | 5-1/16" | 1-29/64" | 23/32" | 1-1/64" | #12 fasteners (2) | 12110-1 | * | 12111L3 | * |
| 6-1/2" long | 6-13/32" | 1-21/32" | 13/16" | 1-7/32" | #12 fasteners (2) | 12112-1 | * | 12113L3 | * |
| 8" long | 7-15/16" | 1-51/64" | 15/16" | 1-3/8" | 1/4" fasteners (2) | 12114-1 | * | 12115L3 | * |

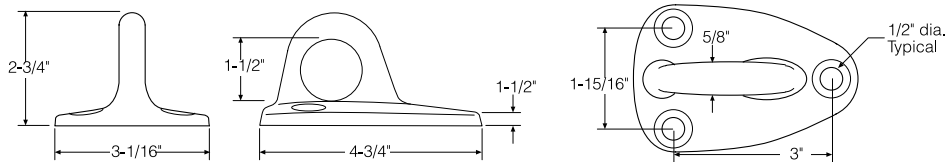


LIFT RINGS



Lift Ring

Attwood's stern-mounted lift ring provides heavy-duty strength for boats lifted by davits, cranes or shore stations. Lifts a maximum vertical load of 12,000 lbs. Installs with 1/2" countersunk stainless steel screws and washers, which must be through-bolted with locking washers or locking nuts.



Warning: Lift rings are designed to lift a boat only when fastened to the boat structure. The maximum lifting load figures listed were determined by applying a test load in the direction of the eye shank axis, with the shank fixed in an immovable testing device. Listed lifting loads are for reference only.

| Description | Bulk Packaging | Aftermarket Packaging |
|---------------------------|----------------|-----------------------|
| Stainless steel lift ring | 66120-1 | — |

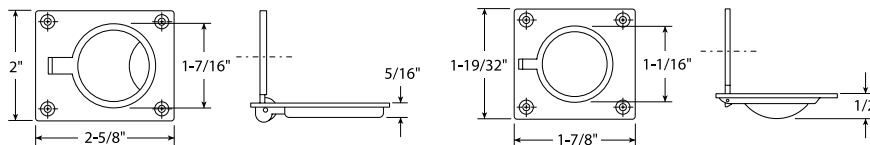


Flush Lift Rings

Flush lift ring with 3/4" I.D. handle fits most hatches, cabinets, and drawers. Maintains a flush appearance, neatly recesses for safety. Pre-drilled with four holes for required fasteners.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Flange Size | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|---------------------|-------------------|----------------|---------|-----------------------|---------|
| Brass | 1-7/8" L x 1-1/2" W | #6 fasteners (4) | — | | 3326-3 | * |



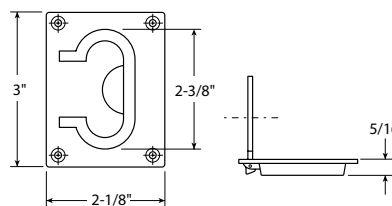
3326

Large Flush Lift Ring, Brass

Large lifting ring allows a full grip. Provides strength for lifting large and heavy hatch covers. Flush appearance, neatly recessed for safety. Chrome-plated brass. Pre-drilled with four holes for #6 fasteners.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Flange Size | Handle Size | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----------------|-----------------------|-------------------|----------------|---------|-----------------------|---------|
| Brass | 3" L x 2-1/4" W | 2" L x 3/4" I.D. ring | #6 fasteners (4) | — | | 3325-3 | * |



3325



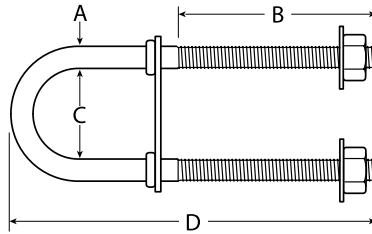
BOW EYES

Bow Eyes, Stainless Steel

Bow eyes have twin shanks to prevent twisting. These rugged bow eyes, when transom-mounted can function as a ski tow.

Not to be used for lifting.

* **⚠ WARNING** Cancer and Reproductive Harm
 - www.P65Warnings.ca.gov (see page 260)



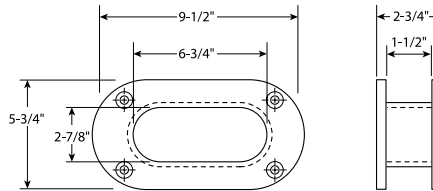
| A | B | C | D | Face Plate Dimensions | Pull Strength (lbs.) | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-------------------|---------|--------|-----------------------|----------------------|----------------|---------|-----------------------|---------|
| WITH PLATED NUTS AND WASHERS | | | | | | | | | |
| 5/16"-dia. | 3/8"-16 x 2-7/16" | 1-1/16" | 4-3/8" | 2-1/2" x 9/16" | 6,000 | 3396-1 | * | 3396-3 | * |
| 7/16"-dia. | 1/2"-13 x 3-1/4" | 1-9/16" | 5-5/8" | 2-3/4" x 3/4" | 12,000 | 3392-1 | * | 3392-3 | * |
| WITH STAINLESS STEEL NUTS AND WASHERS | | | | | | | | | |
| 5/16"-dia. | 3/8"-16 x 2-7/16" | 1-1/16" | 4-3/8" | 2-1/2" x 9/16" | 6,000 | 66263-1 | * | — | — |
| 7/16"-dia. | 1/2"-13 x 3-1/4" | 1-9/16" | 5-5/8" | 2-3/4" x 3/4" | 12,000 | 66261-1 | * | 66261L3 | * |
| 7/16"-dia. | 1/2"-13 x 3-1/4" | 1-9/16" | 5-5/8" | 3-1/2" x 1-3/4" | 12,000 | 66262-1 | * | — | — |

HAWSE PIPES

Enhanced 316 Stainless Steel alloy Hawse Pipes reduce deck and rope chafing when attaching dock lines to cleats mounted inside the cockpit. Available in a variety of shapes and sizes for different installation locations.

Double-Sided Oval Hawse Pipe

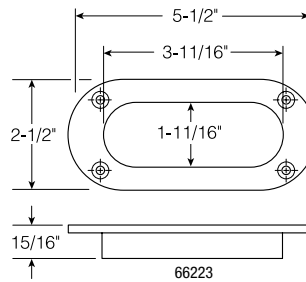
Enhanced 316 Stainless Steel alloy Hawse Pipe. Two-piece construction provides a finished appearance for cockpit and gunwale installation. For 1-1/2" minimum deck thickness.



| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|---|-------------------|----------------|-----------------------|
| Opening Size: 6-3/4" long x 2-7/8" wide | #10 fasteners (4) | 66224-1 | — |

Oval Hawse Pipes

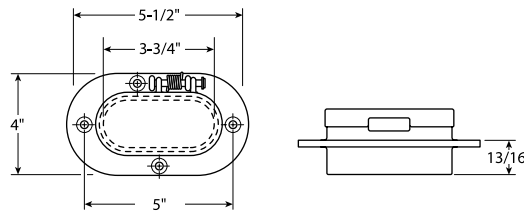
Our most popular-sized Hawse Pipes. Available in two opening and flange sizes to fit your installation. Four holes for required #10 fasteners. Enhanced 316 Stainless Steel alloy.



| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|--|-------------------|----------------|-----------------------|
| Opening Size: 3-11/16" x 1-11/16" wide | #10 fasteners (4) | 66223-1 | 66223-3 |

Rope/Deck Pipe

Use as an access lid to anchor chain and rope storage lockers. Cover is hinged and spring-loaded to stay shut without rattling. Cover can be locked in open position. Enhanced 316 Stainless Steel alloy.



| Description | Installation Hole Size | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------------------------|---------------------------|-------------------|----------------|-----------------------|
| Opening Size: 3-3/4" x 2-3/8" | 4-1/8" long x 2-3/4" oval | #10 fasteners (4) | 66008-1 | — |



HAND RAILS

Handrails, Stainless Steel

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

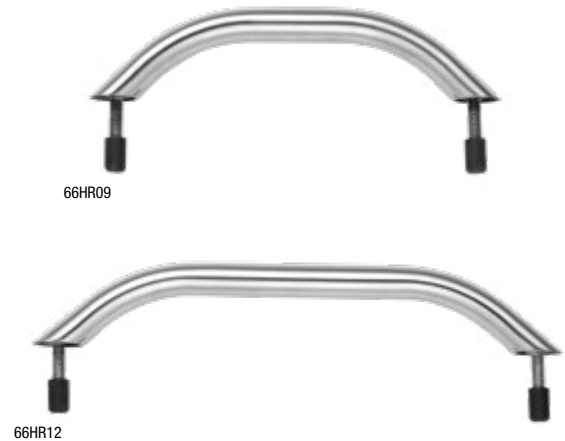
Exceed all ABYC H-41 requirements for Hand Rails. Standard and Flared configurations available.

| Description | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|--------|----------------|---------|-----------------------|---------|
| Flared | 9" | 66HRD09-1 | * | — | |
| | 12" | 66HRD12-1 | * | — | |
| | 18" | 66HRD18-1 | * | — | |
| Standard | 9" | 66HR09-1 | * | — | |
| | 12" | 66HR12-1 | * | — | |
| | 24" | 66HR24-1 | * | — | |

Flared



Standard



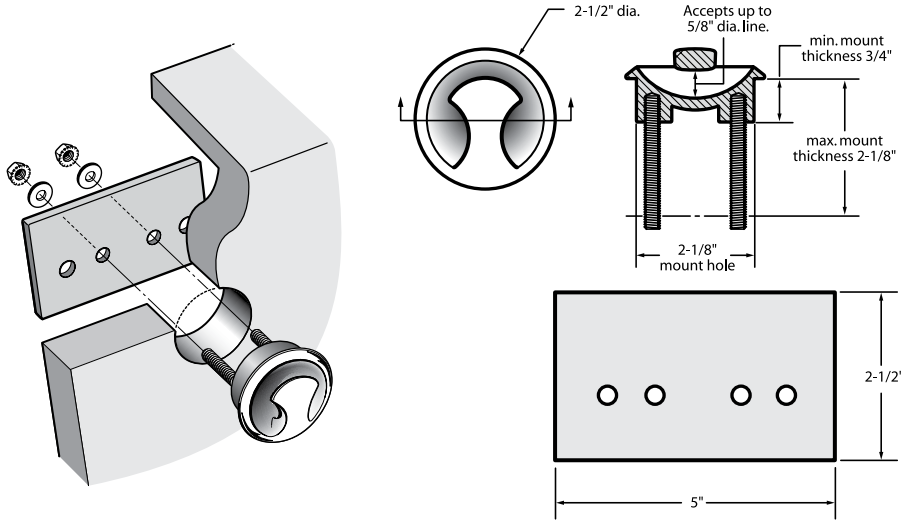
WATER SKI HARDWARE

Flush Mount Ski Tow

This Enhanced 316 Stainless Steel alloy Ski Tow mounts flush to the transom and has no exposed fasteners. Offers a clean look and prevents snags. The elliptical hook accepts up to 5/8" tow line, but rises only 1/2" outward and blends perfectly with the circular body. Easy to install by drilling one 2-1/8" diameter hole with a hole saw. The wide flange covers a bead of sealant and large aluminum backing plate provides solid holding. Backing plate and stainless locking nuts included. Exceeds American Water Ski Association standards for strength. Patented. Backed by a limited lifetime warranty against corrosion.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

LIFETIME
WARRANTY

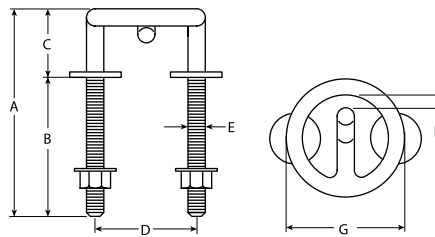


LIFETIME
WARRANTY

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Stainless Ski Tow with 2-1/2" x 5" backing plate | 66448-1 | * | — | 65 |

Ski Tows

Constructed of 304 Stainless Steel for corrosion-resistance, these tows are ideal for PWC's, I/O's, and inboard ski boats. All welded seams are smoothed and the surface has a highly polished finish. Stainless steel mounting washers and nuts included. A wide, welded-on mounting ring meets the hull so no exterior mounting plate is needed. Exceeds American Water Ski Association standards.



| Description | A | B | C | D | E | F | G | Bulk Packaging | Aftermarket Packaging |
|-----------------------------------|--------|----------|---------|--------|------|-------|--------|----------------|-----------------------|
| 2-1/2" Ring diameter | 4-1/2" | 3" | 1" | 2-1/8" | 3/8" | 3/8" | 2-1/2" | 66450-1 | — |
| 3-1/2" Ring diameter | 6" | 3-13/16" | 2" | 3" | 1/2" | 7/16" | 3-1/2" | 66451-1 | — |
| 2-1/2" Ring diameter, short shank | 2-7/8" | 1-1/2" | 1-5/16" | 2-1/8" | 3/8" | 3/8" | 2-1/2" | 66449-1 | — |



LIFETIME
WARRANTY

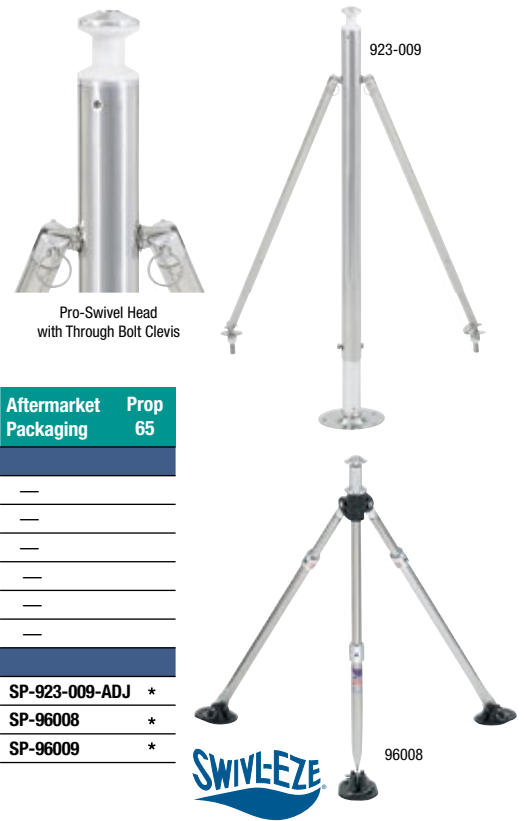
66450,
66451

Ski Pylons

The Attwood Difference

- Our heavy duty tow products will pull you anywhere you want to go
 - We offer a wide range of configurations for swivel heads, posts, and bases
 - Our towing products offer advanced features for durability and quality performance
 - The Pro-Swivel has a 360° rotational head with a nylon bushing for smooth slalom pulling
- * **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

DO NOT use Ski Pylons to pull any recreational equipment that is tied to the tow rope such as water tubes, aquaplanes, wakeboards, etc.



| Description | Post Dia. | Post Height | Post Base | Arm Dia. | Arm Length | Arm Base | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|-----------|-------------|--------------------|----------|------------|-------------------|--------------------|---------|-----------------------|---------|
| FIXED HEIGHT | | | | | | | | | | |
| Stainless | 1-1/4" | 36" | 2' x 4" Below Deck | 1" | 33"-56" | Perm. thru deck | 9436-S | * | — | |
| Steel | 1-1/4" | 43" | 2' x 4" Below Deck | 1" | 33"-56" | Perm. thru deck | 9433-S | * | — | |
| | 2" | 45" | 6" Dia. SS | 1" | 33"-56" | Rem. Clev. Pin | 923-009 | * | — | |
| Steel | 1-1/2" | 23" | 2' x 4" SS Base | 1" | 33"-56" | Rem. Clev. Pin | 922-ADJ-S | * | — | |
| | | 29" | 3/4" Pin Base | 1" | 33"-56" | Rem. Clev. Pin | 903-008-T-S | * | — | |
| | | 45" | 6" Dia. SS | 1" | 33"-56" | Rem. Clev. Pin | 903-009-S | * | — | |
| ADJUSTABLE HEIGHT | | | | | | | | | | |
| Stainless | 2" | 34"-58" | 6" Dia. SS | 1" | 33"-56" | Rem. Clev. Pin | 923-009-ADJ | * | SP-923-009-ADJ | * |
| Steel | 1" | 28"-33" | Nylon Flush Mnt. | 1" | 33"-56" | Nylon Flush Mount | 96008 | * | SP-96008 | * |
| | | 35"-52" | Nylon Flush Mnt. | 1" | 33"-56" | Nylon Flush Mount | — | | SP-96009 | * |



6" Diameter
Stainless Steel Base
952



Glass Filled Nylon
Flush Mount
827



Deck Clevis
SP-910 Deck Clevis Set

Ski Pylon Replacement Parts

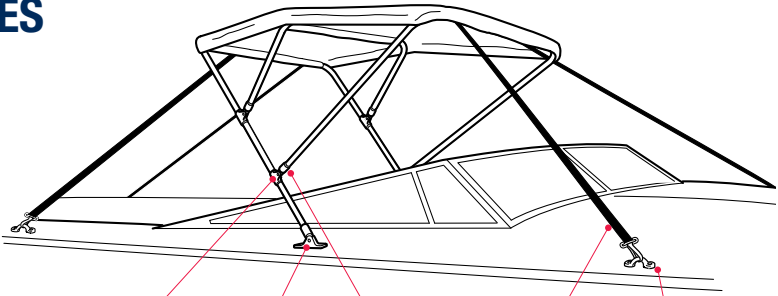
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Threaded Base, Polished Stainless Steel, 6" Diameter | — | | 952 | * |
| Quick Release Pin with Chain | — | | 827 | * |
| Deck Clevis, Set | — | | SP-910 | * |
| Hardware Kit for Ski Pylons | — | | SP-930 | * |



Hardware Kit
SP-930

BIMINI STYLE CONVERTIBLE TOP ACCESSORIES



STAINLESS STEEL BIMINI TOP FITTINGS

Enhanced 316 Stainless Steel alloy fittings for corrosion-resistant support system of bimini tops. "Heavy-duty" versions are available for larger top applications.



Jaw Slide



Deck Hinge



Top Cap—
Outside Eye End



Top Straps

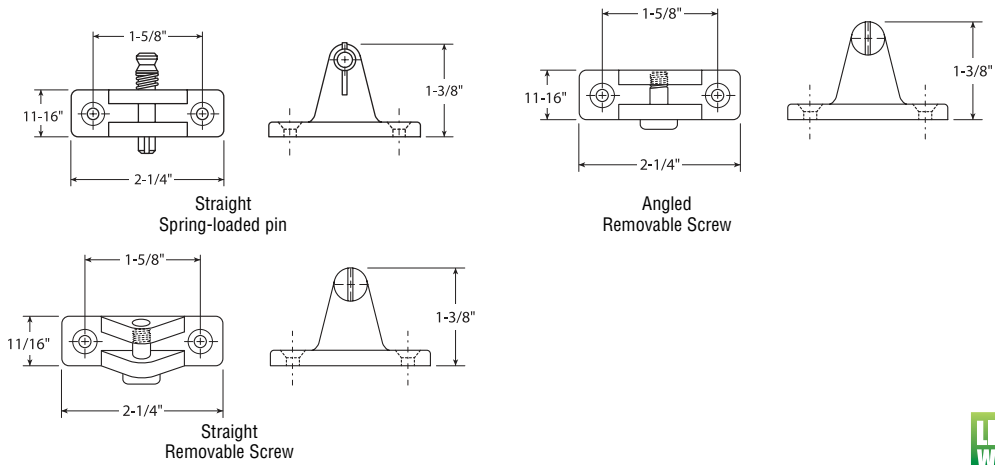


Pad Eye



Deck Hinges

These deck hinges feature a flat base for deck mounting and have two holes for #10 fasteners. Stainless steel pin is springloaded for easy top removal.



66220

**LIFETIME
WARRANTY**



66222



66104

| Description | Base Dimensions | Fastens to Bimini Bow Top Cap with: | Bulk Packaging | Aftermarket Packaging |
|---------------|-----------------|-------------------------------------|----------------|-----------------------|
| Straight base | 2-1/4" x 11/16" | 1/4"-20 removable screw | 66104-1 | — |

** -3 = Skin Pack

NYLON BOAT FITTINGS

Replacement Bimini Top fittings constructed of high impact, injection molded nylon with stainless steel nuts and bolts.

Angle Hinge

Two holes for required #10 fasteners. With removable 1/4"-20 screw.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Dimensions | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|-------|----------------|---------|-----------------------|---------|
| 2-1/2" L x 5/16" W | Black | — | | 10610-3 | * |
| | White | — | | 10600-3 | * |



Jaw Slide

For 3/4" round tubing.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Tubing Size | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------|----------------|---------|-----------------------|---------|
| 3/4" round | White | — | | 10602-3 | |
| 7/8" round | Black | — | | 10613-3 | * |
| | White | — | | 10612-3 | * |



Outside Eye

Accommodates 1/4" bolt for connection to base or top slide.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Tubing Size | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------|----------------|---------|-----------------------|---------|
| 3/4" round | White | — | | 10601-3 | * |
| 7/8" round | White | — | | 10611-3 | |



Inside Eye, for 1" Square Tubing

| Tubing Size | Color | Bulk Packaging | Aftermarket Packaging |
|-------------|-------|----------------|-----------------------|
| 1" square | Black | — | 10620-3 |



Bimini Top Slider Kits

Provides slide adjustment for convenient use and storage of bimini top frames.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|-------|----------------|---------|-----------------------|---------|
| Slide, top bracket White | White | — | | 10622-3 | |
| Right deck hinge Black | Black | — | | 10623-3 | * |
| Left deck hinge Black | Black | — | | 10624-3 | * |

Bimini Style Convertible Top Straps

1"-wide polyweb straps to replace lost or damaged top straps. Includes rust-resistant stainless steel spring snap hook and non-marring bow adjusting buckle.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------|----------------|---------|-----------------------|---------|
| 62" long | Black | — | | 10627-7 | * |
| | White | — | | 10628-7 | * |
| 78" long | Black | — | | 10629-7 | * |
| | White | — | | 10630-7 | * |
| 96" long | Black | — | | 10634-7 | * |
| | White | — | | 10633-7 | * |



Tethered 1/4" Spring-Loaded Clevis Pin

For use with Attwood deck or rail mounted bimini top hinge fittings that use removable 1/4" spring-loaded clevis pins. This handy 1/4" spring-loaded clevis pin with lanyard allows the pin to be tethered to prevent loss of the pin when removed from the bimini top deck or rail hinge fitting.

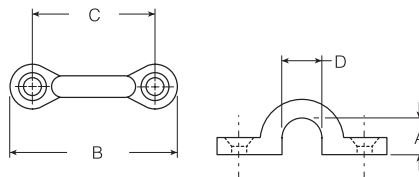


| Description | Use With Attwood Deck or Rail Hinge | Bulk Packaging | Aftermarket Packaging |
|---|-------------------------------------|----------------|-----------------------|
| Removeable tethered 1/4" Spring-loaded clevis pin | 66160, 66200 66220, 66383 | 66202-1 | 66202-3 |

Eye Straps

All eye straps are pre-drilled with two mounting holes.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | A | B | C | D | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|-----------------|--------------|---------|--------|-------------------|----------------|---------|-----------------------|---------|
| Cast Stainless Steel | 3/8"-diameter | 1-7/8" long | 1-3/8" | 1/2" | #10 fasteners (2) | 66105-1 | | — | |
| | 5/16"-diameter | 1-1/8" long | 3/4" | 5/16" | #6 fasteners (2) | — | | 12955L3, pair | |
| Stamped Stainless Steel | 1/2"-diameter | 1-7/16" long | 15/16" | 7/16" | #10 fasteners (2) | — | | 12957L3, pair | * |
| | 3/4"-diameter | 2-1/4" long | 1-3/4" | 11/16" | #10 fasteners (2) | — | | 12959L3, pair | * |
| Chromed bronze | 5/16"-diameter, | 1-7/8" long | 1-3/8" | 1/2" | #10 fasteners (2) | 12988-1 | * | 12989-3, single | * |
| White Nylon | 5/16"-diameter | 1-7/8" long | 1-7/16" | 5/16" | #10 fasteners (2) | — | | 10603-3 | * |
| Black Nylon | 5/16"-diameter | 1-7/8" long | 1-7/16" | 5/16" | #10 fasteners (2) | — | | 10604-3 | * |



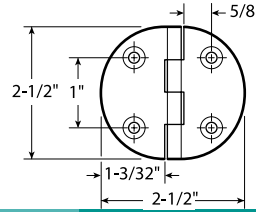
HINGES

CAST STAINLESS STEEL HINGES

These hinges are cast from enhanced 316 stainless steel. They combine a great eurostyle look with a polished finish. Available in stud or countersunk mounting styles, these hinges look attractive on any vessel! Hinges are mirror polished to the highest specification in the industry and passivated to enhance surface finish and corrosion-resistance. The hinge pin design allows lid to open a full 180°.

Round Hinge, Cast Stainless Steel

Smooth, full round plate design.



LIFETIME WARRANTY



66240

| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|--------------|-------------------|----------------|-----------------------|
| Counter-sunk | #12 fasteners (4) | 66240-1 | — |

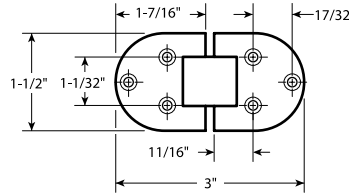
FLUSH HINGES

The unique double stud design of these hinges allows for a flush installation while still providing a full 180° swing. This makes them the perfect hinge for lazzerette or fish box covers in the cockpit sole.

Flush Hinge, Round End, Stamped Stainless Steel

Our widest flush, 2-pin hinge. Six holes for required fasteners. Made of solid stamped stainless steel to provide years of maintenance free service.

* **⚠ WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)

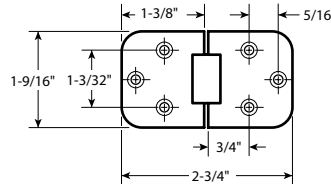


66237

| Description | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------|-------------------|----------------|---------|-----------------------|---------|
| Counter-sunk | #8 fasteners (6) | 66237-1 | * | 66237-3 | * |

Flush Hinge, Square End, Stamped Stainless Steel

Square end 2-pin hinge with radiused corners. Six holes for required fasteners. Made of solid stamped stainless steel to provide years of maintenance free service.

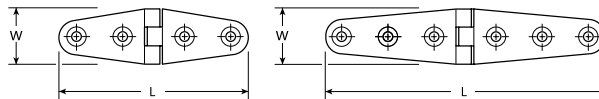


66239

| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|--------------|-------------------|----------------|-----------------------|
| Counter-sunk | #8 fasteners (6) | 66239-1 | 66239-3 |

Strap Hinges, Stainless Steel

Durable stainless steel strap hinges, available in standard or reverse strap styles.



LIFETIME WARRANTY



66025



66434

* **⚠ WARNING** Cancer and Reproductive Harm
 — www.P65Warnings.ca.gov (see page 260)

| Description | Strap Type | Dimensions | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|------------|----------------------|-------------------|----------------|---------|-----------------------|---------|
| CAST STAINLESS STEEL | | | | | | | |
| Four holes | Standard | 4" W x 1" L | #10 screws | 66025-1 | * | 66025-3 | * |
| | Reversed | 4-1/8" W x 1-1/16" L | #10 screws | 66434-1 | — | — | — |
| Six holes | Standard | 6" W x 1-1/16" L | #10 screws | — | — | 66026-3 | — |

66026



Butt Hinge, Stainless Steel

Strap hinge design with rounded ends.

| Description | Fastener Quantity | Dimensions | Bulk Packaging | Aftermarket Packaging |
|----------------------|-------------------|-----------------|----------------|-----------------------|
| Cast Stainless Steel | #10 fasteners (4) | 1-1/2" x 1-1/2" | 66163-1 | — |



Butt Hinge, Chrome-Plated Zinc

Mounting holes are widely spaced for easy installation.

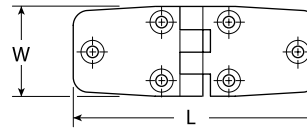
* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Dimensions | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----------------|-------------------|----------------|---------|-----------------------|---------|
| Rounded | 2-7/8" x 1-1/2" | #8 fasteners (6) | 12000 | * | — | — |



Door Hinges, Stainless Steel

Durable cast stainless steel door hinges, available in a variety of lengths.

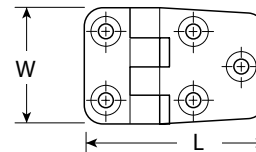


| Description | Dimensions | Fastener Quantity ∞ | Bulk Packaging | Aftermarket Packaging |
|-----------------------------|-----------------|---------------------|----------------|-----------------------|
| CAST STAINLESS STEEL | | | | |
| Six holes | 3" L x 1-1/2" W | #10 fasteners | 66028-1, pair | 66028-3, pair |
| | 4" L x 1-1/2" W | #10 fasteners | 66029-1, pair | 66029-3, pair |



Door Hinges, Short Side, Stainless Steel

Durable cast stainless steel door hinges, available in a variety of lengths.



| Description | Strap Type | Dimensions | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------------------|------------|-----------------------|-------------------|----------------|-----------------------|
| Stamped Stainless Steel | Standard | 2-13/16" L x 1-1/2" W | #8 fasteners (5) | 66391-1 | — |

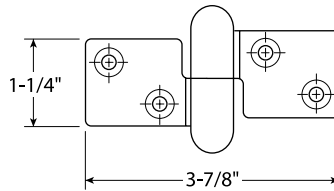


∞ Pin on top

Take-Apart Motor Box Hinge, Non-Locking

For use on motor box or hatch cover. Take apart feature allows removal of cover for engine service or bilge access.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

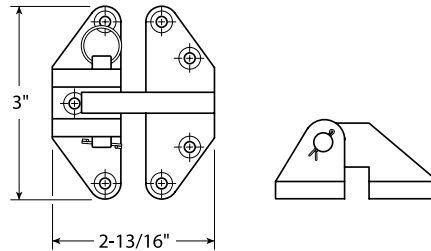


1329

| Description | Open Size | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-----------|-------------------|----------------|---------|-----------------------|---------|
| Brass | 4" x 2" | #10 fasteners (4) | 1329-1 | * | — | 65 |

HATCH HINGES

For use on flush hatch covers to prevent cover from folding all the way backward. Cover remains upright when open. Hatch hinges feature a quick-release pin with safety ring so hatch can be completely removed without unscrewing the base.



Hatch Hinge, Stainless Steel

LIFETIME WARRANTY



66027

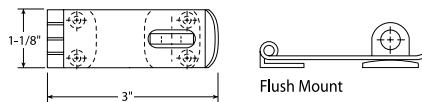
| Description | Open Size | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|----------------------|-----------------|-------------------|----------------|-----------------------|
| Cast Stainless Steel | 3-1/2" x 1-3/8" | #10 fasteners (4) | 66027-1 | 66027-3 |

SWIVEL HASPS

For storage compartments that need to be securely locked. Ideal for lockers, cupboards, chests, and hatch doors.

Swivel Hasps, Stainless Steel

Accommodates padlocks with 1/4" dia. or smaller shackle. Swivel eye turns to secure the hasp and keep the compartment shut, even without use of a padlock. Stamped stainless steel construction with chrome finish.



Flush Mount



66423

| Description | Closed Size | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|-------------|-------------------|----------------|-----------------------|
| Flush mount | 3" x 1-1/8" | #8 fasteners (4) | 66423-1 | — |

HATCH & DOOR LOCKS

Padlock Eye Clamps

For use on tackle, bait, and ice boxes that require draw-down pressure-tight seal. Also for hatch or motor box clamps. Accommodates padlocks with 1/4"-diameter or smaller shackle. Flush mount model 2012 has no exposed mounting screws. Chrome finish. Rugged, secure locking device with easy-to-use flip handle.

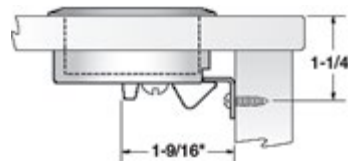
| Description | Closed Size | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|-----------------|-------------------|----------------|-----------------------|
| Flush mount | 4-1/4" x 1-1/2" | #8 fasteners (4) | 2012A1 | 2012A3 |



2012A

Slam Latches

Round slam latches fits up to 7/8" door thickness. Made of UV stable and corrosion resistant materials. Include stainless steel mounting hardware.



| Description | Bulk Packaging | Aftermarket Packaging |
|-----------------|----------------|-----------------------|
| Stainless Steel | 66832-1 | — |



66832

Pontoon Replacement Latch

This durable lock set is a complete replacement kit for your pontoon's gate latch. Universal sizing fits square frames of 1, 1-1/8, and 1-1/4 inch on both left- and right-hinged gates. Secure closure stabilizes gate and prevents inward swinging. Includes mounting hardware for quick and easy installation.

| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Universal Replacement Gate Latch. 8-1/2" x 9-1/2" x 5-1/2" | — | 11404-6 |

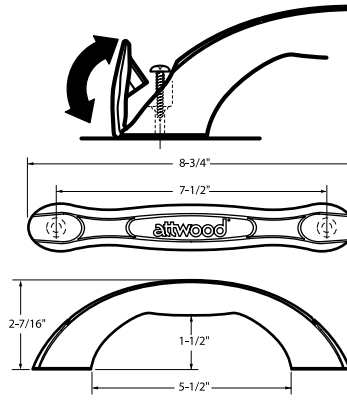


11404

HANDLES

Vinyl Grab Handles

Streamlined with a molded, hinged, built-in fastener cover system, an Attwood exclusive. A unique, grab handle that looks and works great on runabouts, fishing boats, jet boats, and RV's. Clean styling, shaped to fit your hand for a secure grip. This one-piece design eliminates the problem of loose caps which pop off over time and become lost. The covers are hinged on the base of the handle and are pushed closed after securing the mounting fasteners. Strong, polypropylene inner core with a molded vinyl cover withstands harsh marine environments. Install via thru-bolting or wood screws.



* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

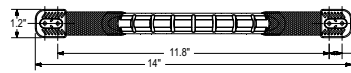
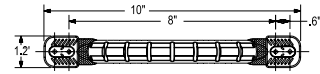
| Description | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------------------|----------------|---------|-----------------------|---------|
| White | #12 fasteners (2) | 2050-1 | | 2050-5 | |
| Moon Rock | #12 fasteners (2) | 2052-1 | * | — | |
| Gray | #12 fasteners (2) | 2053-1 | | 2053-5 | |
| Black | #12 fasteners (2) | 2054-1 | | 2054-5 | |



2050

Flexible Grab Handles

Flexible grab handles for flush, flexible mounting. They can be mounted to a variety of irregular surfaces and angles on swim platforms, cockpits and companionways. Constructed from soft polypropylene webbing over a semi-rigid core. Available with or without an over-molded grip. Because of the soft, pliable webbing in these handles and the absence of any sharp edges, they are safe in areas where occupants might impact them. They meet the ABYC H-41 standard for strength: "withstand a load of 400 lbs. in any direction."



All materials are non-corrosive, UV stable and mildew-resistant.

| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|---|-------------------|----------------|-----------------------|
| Flexible grab handle w/over-molded grip | #12 fasteners (4) | 2061-1 | 2061-5 |
| Flexible grab handle w/over-molded grip, extended | #12 fasteners (4) | 2080-1 | — |



2061

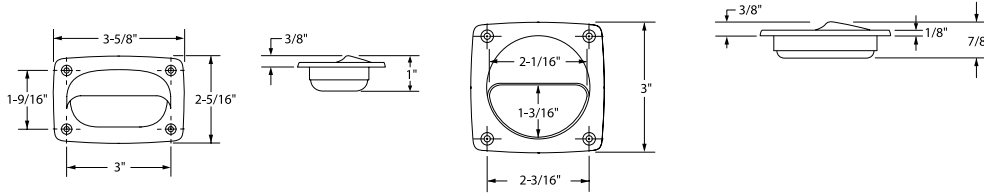


2080

HATCH HARDWARE

Flush Hatch Pulls

The new low profile flush hatch pull is an easy access handle for installation in lids, doors, compartments, and hatches. Handle is easy to grip, even with gloved hands. Made of glass filled propylene with black textured finish.



2027



2028

| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|-------------|-------------------|----------------|-----------------------|
| Rectangular | #6 fasteners (4) | 2027-1 | 2027-7 |
| Round | #6 fasteners (4) | 2028-1 | — |

Deck Plate/Inspection Port

For inspection and general access to valves and deck vents. Easy opening, screw-out design—no tools required. High impact ABS plastic with textured surface. Durable, rugged, weather-resistant. Flange is pre-drilled with six holes.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Color | Fastener Quantity | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|-------|-------------------|----------------|---------|-----------------------|---------|
| 4"-dia. | White | #8 fasteners (6) | 12790-1 | * | 12790-3 | * |
| | Black | #8 fasteners (6) | 12791-1 | * | 12791-3 | * |
| 6"-dia. | White | #8 fasteners (6) | 12792-1 | * | 12792-5 | * |
| | Black | #8 fasteners (6) | 12793-1 | * | 12793-5 | * |
| 8"-dia. | White | #8 fasteners (6) | 12794-1 | * | — | — |



12793



12794

Hatch Lift Spring, Stainless Steel

Deflecting spring holds hatch or motor box open, bends to close. Stainless steel, flush mounting.

| Description | Fastener Quantity | Bulk Packaging | Aftermarket Packaging |
|---------------------|-------------------|----------------|-----------------------|
| 7/16"-dia. x 8-3/4" | #8 fasteners (2) | 12460-1 | 12461-3 |



12460



HOOKS

Chain Link

For easy connection of anchor rope thimbles to anchor chain. Available in rugged stainless steel or zinc-plated steel construction material.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Diameter | Length | Maximum Safe Load ▽ | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|----------|--------|---------------------|----------------|---------|-----------------------|---------|
| Stainless Steel | 5/16" | 2-7/8" | 3,000 lbs. | — | | 12891L3 | |
| | 3/8" | 3-1/4" | 4,000 lbs. | — | | 12889L3 | * |
| Zinc-Plated Steel | 7/32" | 2-1/4" | 1,000 lbs. | — | | 12355-3 | * |
| | 5/16" | 3" | 2,000 lbs. | — | | 12357-3 | * |



12891

Marine Carabiner

Spring-loaded closure.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Length | Ring Diameter | Maximum Safe Load ▽ | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------|--------|---------------|---------------------|----------------|---------|-----------------------|---------|
| Stainless Steel | 2-1/2" | 1/4" | 350 lbs. | 12412-1 | | — | |
| | 3-1/8" | 5/16" | 575 lbs. | — | | 12415L3 | |
| Zinc-Plated Steel | 2-1/2" | 1/4" | 300 lbs. | — | | 12303-3 | * |
| | 3-1/2" | 3/8" | 600 lbs. | — | | 12305-3 | * |
| | 3-1/8" | 5/16" | 700 lbs. | — | | 7651-3 | |



12415

Utility Snap Hook

Zinc-plated steel with spring-loaded closures.

| Description | Length | Ring Diameter | Maximum Safe Load ▽ | Bulk Packaging | Aftermarket Packaging |
|-------------|--------|---------------|---------------------|----------------|-----------------------|
| Light-duty | 4" | 1/4" | 500 lbs. | — | 7653L3 |
| Heavy-duty | 4" | 5/8" | 2,500 lbs. | — | 7640-3 |
| Heavy-duty | 4-1/4" | 5/8" | 2,500 lbs. | — | 12261L3 |



7653

7640



12261

▽ Maximum safe load is approximately half of maximum load or break strength. Do not exceed maximum safe load. Do not use in applications where life or limb is at risk.

Eye Snap Hooks

With spring-loaded closure, for a variety of uses.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Closed Eye | Throat | Length | Eye Diameter | Maximum Safe Load [∇] | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|---------------------|--------|--------|--------------|--------------------------------|----------------|---------|-----------------------|---------|
| Fixed Eye | Chrome-Plated Zinc | 3/8" | 3-1/4" | 1" | 200 lbs. | — | | 12319-3 | |
| Swivel Eye | Chrome-Plated Brass | 1/2" | 3" | 5/8" | 200 lbs. | — | | 3460-3 | * |



12319

3460

Clamp-On Oarlocks

Zinc-plated steel resists rust. Oarlock fastens securely to oar with one adjustable bolt, no drilling required.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------|----------------|---------|-----------------------|---------|
| Shank 1/2"-dia. x 2" | — | | 9146-3 | * |



9146

FASTENER KITS

Handy kits contain a variety of the most commonly used stainless steel fasteners for marine projects. Fasteners are designed for installation of most Attwood products.

Deluxe Fastener Kit

A variety of wood screws, machine screws, hex nuts, and washers sizes #6 through #10 in a compartmented, see-through plastic case with snap-close lid.

| Description | Includes | Bulk Packaging | Aftermarket Packaging |
|---------------------|------------|----------------|-----------------------|
| Deluxe fastener kit | 134 pieces | — | 12152-3 |



12152

[∇] Maximum safe load is approximately half of maximum load or break strength. Do not exceed maximum safe load. Do not use in applications where life or limb is at risk.

GAS SPRINGS & ACCESSORIES

Attwood is partnered with Stabilus®, the world's leading supplier of gas springs and related products with over 100,000,000 units in the field. All Attwood springs are made with bio-degradable no hazard to water grade oil (WGK), making them the marine industry's most environmentally friendly gas springs. All springs pass ASTM B117, Attwood salt spray and a 30,000 cycle lifecycle test. Attwood springs come with support to ensure the proper spring for your specific application, including: marine, industrial, agricultural, pharmaceutical, food processing, and medical. Available in 6mm, 8mm and 10mm configurations between 10–200 lbs.

Ni-Slide Series

Attwood's widest selection of configurations and lengths. The industry's proven leader in value, quality and durability.

Stainless Steel Series

Attwood INOX Stainless Steel Series. Stainless steel shell and rod ensure corrosion-resistance and up to 30% lower cost than traditional stainless springs. All stainless steel series springs come with high-strength, corrosion-proof composite end fittings.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

OEM Gas Springs

| Length (inches) | | | | Ni-Slide Series | | | Stainless Standard Series | | |
|---|------------|--------|------------------|------------------------|---------------|---------|---------------------------|---------------|---------|
| Extended | Compressed | Stroke | End Fitting Type | Available Output Force | Bulk Part No. | Prop 65 | Available Output Force | Bulk Part No. | Prop 65 |
| 6 x 15 - 6MM ROD x 15MM CYLINDER | | | | | | | | | |
| 6.50 | 4.90 | 1.60 | 6.3mm Dia. Blade | 10-60 | SL4-XX-1◇ | * | — | — | — |
| 7.50 | 5.25 | 2.25 | 10mm Socket | 10-60 | SL11-XX-1◇ | * | 10-70 | ST11-XX-1◇ | * |
| 10.00 | 7.00 | 3.00 | 10mm Socket | 10-60 | SL10-XX-1◇ | * | 10-70 | ST10-XX-1◇ | * |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 10-60 | SL15-XX-1◇ | * | 10-70 | ST15-XX-1◇ | * |
| 15.00 | 9.50 | 5.50 | 10mm Socket | 10-60 | SL13-XX-1◇ | * | 10-70 | ST13-XX-1◇ | * |
| 17.20 | 10.20 | 7.00 | 10mm Socket | 10-60 | SL16-XX-1◇ | — | — | — | — |
| 20.00 | 12.00 | 8.00 | 10mm Socket | 10-60 | SL14-XX-1◇ | — | 10-70 | ST14-XX-1◇ | * |
| 8 x 18 - 8MM ROD x 18MM CYLINDER | | | | | | | | | |
| 7.50 | 5.25 | 2.25 | 10mm Socket | 20-120 | SL31-XX-1◇ | — | 20-120 | ST31-XX-1◇ | * |
| 10.00 | 7.00 | 3.00 | 10mm Dia. Blade | 20-120 | SL1-XX-1◇ | — | — | — | — |
| 10.00 | 7.00 | 3.00 | 10mm Socket | 20-120 | SL30-XX-1◇ | — | 20-120 | ST30-XX-1◇ | * |
| 10.50 | 7.50 | 3.00 | 10mm Socket | 20-120 | SL32-XX-1◇ | — | 20-120 | ST32-XX-1◇ | * |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 20-120 | SL35-XX-1◇ | * | 20-130 | ST35-XX-1◇ | * |
| 15.00 | 9.50 | 5.50 | 10mm Dia. Blade | 20-120 | SL2-XX-1◇ | — | — | — | — |
| 15.00 | 9.50 | 5.50 | 10mm Socket | 20-120 | SL33-XX-1◇ | * | 20-150 | ST33-XX-1◇ | * |
| 17.20 | 10.20 | 7.00 | 10mm Socket | 20-120 | SL36-XX-1◇ | * | 20-150 | ST36-XX-1◇ | * |
| 18.50 | 11.00 | 7.50 | 10mm Socket | 30-120 | SL18-XX-1◇ | * | — | — | — |
| 20.00 | 12.00 | 8.00 | 10mm Dia. Blade | 20-120 | SL3-XX-1◇ | * | — | — | — |
| 20.00 | 12.00 | 8.00 | 10mm Socket | 20-120 | SL34-XX-1◇ | * | 20-150 | ST34-XX-1◇ | * |
| 23.00 | 13.12 | 9.87 | 10mm Socket | 30-120 | SL38-XX-1◇ | — | — | — | — |
| 26.30 | 16.10 | 10.20 | 10mm Socket | 20-120 | SL37-XX-1◇ | — | 20-150 | ST37-XX-1◇ | * |
| 27.00 | 15.20 | 11.80 | 10mm socket | — | — | — | 30 | ST39-30-1◇ | * |
| 10 x 22 - 10MM ROD x 22MM CYLINDER | | | | | | | | | |
| 20.20 | 12.30 | 7.90 | 13mm Socket | 30-240 | SL20-XX-1◇ | — | 30-200 | STX20-XX-1◇ | * |
| 20.20 | 12.30 | 7.90 | 10mm Socket | — | — | — | 30-200 | ST20-XX-1◇ | * |
| 26.30 | 16.10 | 10.20 | 10mm Socket | 30-180 | SL25-XX-1◇ | — | 30-200 | ST25-XX-1◇ | * |
| 26.97 | 15.20 | 11.77 | 10mm Socket | 30-180 | SL26-XX-1◇ | * | 30-200 | ST26-XX-1◇ | * |
| 28.00 | 16.50 | 11.50 | 10mm Socket | 30-180 | SL27-XX-1◇ | — | — | — | — |
| 30.91 | 17.13 | 13.78 | 10mm Socket | 30-180 | SL28-XX-1◇ | * | — | — | — |
| 36.30 | 21.10 | 15.20 | 13mm Socket | 30-180 | SL29-XX-1◇ | — | 30-200 | STX29-XX-1◇ | * |
| 36.30 | 21.10 | 15.20 | 10mm Socket | — | — | — | 30-200 | ST29-XX-1◇ | * |



Composite / Metal End Fitting (Ni-Slide)



NEW All Composite End Fitting (Stainless Steel)



Ball Socket Stainless Steel 13mm Ball Socket



Blade End

◇ To complete the part number, replace XX with the desired available output force 10-200 (lbs.)
(Example: SL14-10-1 = 10 lbs. output force, ST26-180-1 = 180 lbs. output force)

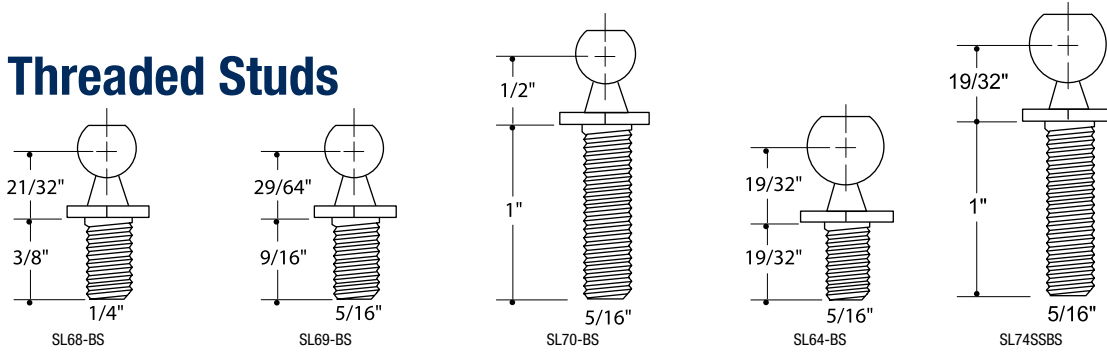
Aftermarket Gas Springs

Popular replacement gas springs and mounting brackets for the aftermarket. Attwood has taken the guess-work out of deciding which gas springs and mounting brackets to offer your marine and RV customers. Packaged in see-through hanging packages, gas springs and mounting brackets can be plan-o-grammed together to provide an attractive one-stop display for convenient customer selection. Additional packaged gas spring sizes and output forces are available. Ask your Attwood sales rep or customer service associate for details.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Length (inches) | | Stroke | End Fitting Type | Standard Output Force (lbs) | Ni-Slide Series Aftermarket Packaging | Prop 65 | Stainless Standard Series Aftermarket Packaging | Prop 65 |
|---|------------|--------|---------------------|-----------------------------|---------------------------------------|---------|---|---------|
| Extended | Compressed | | | | | | | |
| 6 x 15 - 6MM ROD x 15MM CYLINDER | | | | | | | | |
| 10 | 7 | 3 | 10mm Socket | 40 | SL10-40-5 | | ST10-40-5 | * |
| 15 | 9.5 | 5.5 | 10mm Socket | 20 | SL13-20-5 | | — | |
| 15 | 9.5 | 5.5 | 10mm Socket | 60 | SL13-60-5 | | ST13-60-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 30 | SL16-30-5 | | — | |
| 20 | 12 | 8 | 10mm Socket | 20 | SL14-20-5 | | ST14-20-5 | |
| 20 | 12 | 8 | 10mm Socket | 30 | SL14-30-5 | | ST14-30-5 | * |
| 20 | 12 | 8 | 10mm Socket | 40 | SL14-40-5 | | ST14-40-5 | |
| 20 | 12 | 8 | 10mm Socket | 50 | — | | ST14-50-5 | |
| 20 | 12 | 8 | 10mm Socket | 60 | SL14-60-5 | | ST14-60-5 | |
| 8 x 18 - 8MM ROD x 18MM CYLINDER | | | | | | | | |
| 7.5 | 5.25 | 2.25 | 10mm Socket | 20 | SL31-20-5 | | ST31-20-5 | |
| 7.5 | 5.25 | 2.25 | 10mm Socket | 30 | SL31-30-5 | | ST31-30-5 | |
| 7.5 | 5.25 | 2.25 | 10mm Socket | 40 | SL31-40-5 | | ST31-40-5 | |
| 10 | 7 | 3 | 10mm Diameter Blade | 20 | SL1-20-5 | | — | |
| 10 | 7 | 3 | 10mm Diameter Blade | 40 | SL1-40-5 | | — | |
| 10 | 7 | 3 | 10mm Socket | 20 | SL30-20-5 | | ST30-20-5 | * |
| 10 | 7 | 3 | 10mm Socket | 40 | SL30-40-5 | | ST30-40-5 | * |
| 10 | 7 | 3 | 10mm Socket | 60 | SL30-60-5 | | ST30-60-5 | |
| 10.5 | 7.5 | 3 | 10mm Socket | 20 | SL32-20-5 | | ST32-20-5 | |
| 10.5 | 7.5 | 3 | 10mm Socket | 30 | SL32-30-5 | | ST32-30-5 | |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 20 | SL35-20-5 | | ST35-20-5 | |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 30 | SL35-30-5 | | ST35-30-5 | |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 40 | SL35-40-5 | | ST35-40-5 | |
| 12.04 | 8.46 | 3.58 | 10mm Socket | 50 | SL35-50-5 | | ST35-50-5 | |
| 15 | 9.5 | 5.5 | 10mm Diameter Blade | 40 | SL2-40-5 | | — | |
| 15 | 9.5 | 5.5 | 10mm Socket | 20 | SL33-20-5 | | ST33-20-5 | |
| 15 | 9.5 | 5.5 | 10mm Socket | 30 | SL33-30-5 | | ST33-30-5 | |
| 15 | 9.5 | 5.5 | 10mm Socket | 40 | SL33-40-5 | | ST33-40-5 | |
| 15 | 9.5 | 5.5 | 10mm Socket | 50 | SL33-50-5 | | ST33-50-5 | |
| 15 | 9.5 | 5.5 | 10mm Socket | 60 | SL33-60-5 | | ST33-60-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 20 | SL36-20-5 | | ST36-20-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 30 | SL36-30-5 | | ST36-30-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 40 | SL36-40-5 | | ST36-40-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 50 | SL36-50-5 | | ST36-50-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 60 | SL36-60-5 | | ST36-60-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 70 | SL36-70-5 | | ST36-70-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 80 | SL36-80-5 | * | ST36-80-5 | |
| 17.2 | 10.2 | 7 | 10mm Socket | 90 | SL36-90-5 | | ST36-90-5 | |
| 20 | 12 | 8 | 10mm Diameter Blade | 60 | SL3-60-5 | * | — | |
| 20 | 12 | 8 | 10mm Socket | 20 | SL34-20-5 | | ST34-20-5 | |
| 20 | 12 | 8 | 10mm Socket | 30 | SL34-30-5 | | ST34-30-5 | |
| 20 | 12 | 8 | 10mm Socket | 40 | SL34-40-5 | | ST34-40-5 | |
| 20 | 12 | 8 | 10mm Socket | 50 | SL34-50-5 | | ST34-50-5 | |
| 20 | 12 | 8 | 10mm Socket | 60 | SL34-60-5 | | ST34-60-5 | |
| 20 | 12 | 8 | 10mm Socket | 80 | SL34-80-5 | | ST34-80-5 | |
| 20 | 12 | 8 | 10mm Socket | 90 | SL34-90-5 | * | ST34-90-5 | |
| 20 | 12 | 8 | 10mm Socket | 120 | SL34-120-5 | | ST34-120-5 | |

Threaded Studs



Used as an alternative to mounting brackets, threaded studs can be mounted directly to hatches or other mounting surfaces in applications where the mounting surface is made of metal or another material with the strength to withstand the forces of a gas spring attachment point

Choice of Attachment Points and Finish

Threaded studs are available with "Ball" or "Blade" gas spring attachment points, and a choice of materials, including zinc plated steel, or stainless steel.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Finish | Length | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------------|--------|----------------|---------|-----------------------|---------|
| WITH 10MM BALL END | | | | | |
| Zinc Plated | 3/8" | SL68-BS-1 | * | — | |
| | 9/16" | SL69-BS-1 | * | — | |
| | 1" | SL70-BS-1 | * | — | |
| Stainless Steel | 3/4" | SL75-SSBS-1 | * | — | |
| | 9/16" | SL69SSBS-1 | | — | |
| WITH 13MM BALL END | | | | | |
| Zinc Plated | 19/32" | SL64-BS-1 | * | — | |
| Stainless Steel | 19/32" | SL64SSBS-1 | * | — | |
| | 1" | SL74SSBS-1 | * | — | |



MOUNTING BRACKETS

Mounting Brackets are used as attachment points for gas springs on hatches and other mounting surfaces where:

- Mounting surface material is not strong enough to support direct attachment of gas spring using a threaded stud
- The angle and position of the attachment point requires the need for a mounting bracket

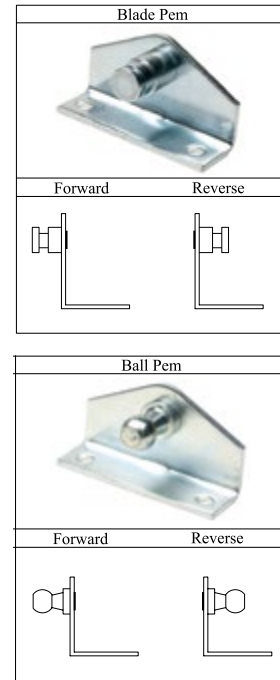
Choice of Pem Attachment Ball Pem Points and Finish

Mounting brackets are available with Blade Pem or Ball Pem gas spring attachment points, and a choice of materials and finishes, including zinc-plated steel (with or without black painted finish), stainless steel, or aluminum.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Aftermarket Mounting Brackets

| Bracket Series No. | Style | Pem Type | Mounting Holes | Pem Direction | Finish | Aftermarket Packaging | Prop 65 |
|--------------------|-------|-----------|----------------|---------------|-----------------|-----------------------|---------|
| SL40 | Flat | Ball 10mm | 2 | Forward | Stainless Steel | SL40SP3-7 | * |
| SL50 | 90° | Ball 10mm | 2 | Forward | Stainless Steel | SL50SP3-7 | * |

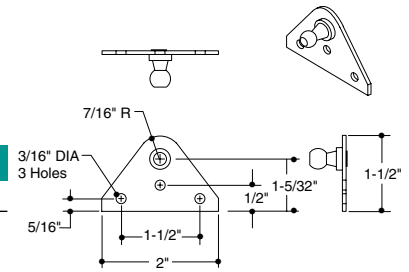


OEM Mounting Brackets

SL3H Bracket

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

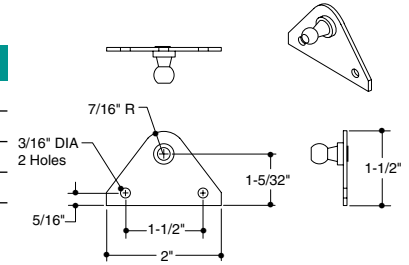
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|----------------|---------|
| Stainless Steel | Forward | Ball 10mm | SL3HSSP3-1 | * |



SL40 Bracket

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

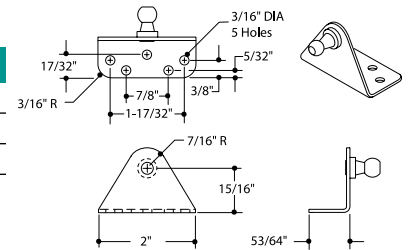
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|--------------------------------|---------------|-----------|----------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL40P3-1 | * |
| Black Painted | Forward | Ball 10mm | SL40BP3-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL40SSP3-1 | * |
| Stainless Steel, Black Painted | Forward | Ball 10mm | SL40SSBP3-1 | * |



SL46 Bracket

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

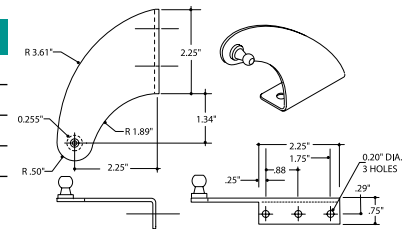
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|----------------|---------|
| Zinc-Plated | Reverse | Ball 10mm | SL46P3R-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL46SSP3-1 | * |
| | Reverse | Ball 10mm | SL46SSP3R-1 | * |



SL44 Left-Hand Crescent Bracket

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

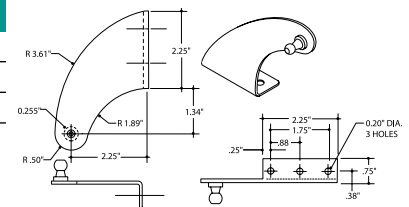
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|----------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL44P3-1 | * |
| | Reverse | Ball 10mm | SL44P3R-1 | * |
| Black Painted | Reverse | Ball 10mm | SL44BP3R-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL44SSP3-1 | * |



SL48 Right-Hand Crescent Bracket

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|----------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL48P3-1 | * |
| Black Painted | Reverse | Ball 10mm | SL48BP3R-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL48SSP3-1 | * |



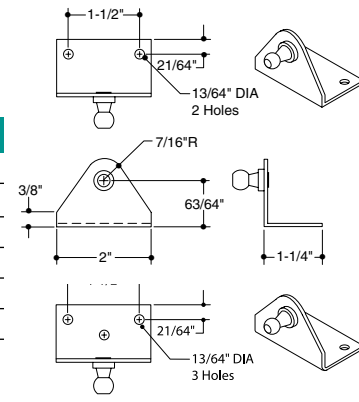
Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.



SL50 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

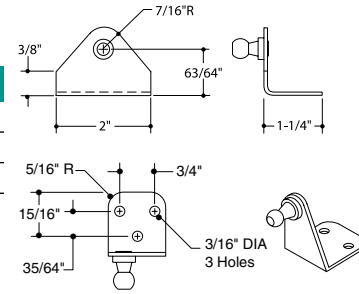
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|---------------------------|---------------|-----------|---------------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL50P3-1 | * |
| | Reverse | Ball 10mm | SL50P3R-1 | * |
| Black Painted | Forward | Ball 10mm | SL50BP3-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL50SSP3-1 | * |
| | Reverse | Ball 10mm | SL50SSP3R-1 | * |
| Stainless Steel (3 holes) | Forward | Ball 10mm | SL50SSP3SB-1 | * |



SL513H Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

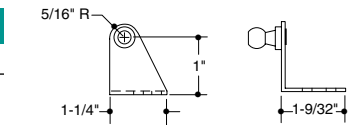
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|---------------|---------------|-----------|---------------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL513HP3-1 | * |
| | Reverse | Ball 10mm | SL513HP3R-1 | * |
| Black Painted | Reverse | Ball 10mm | SL513HBP3R-1 | * |



SL514H Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

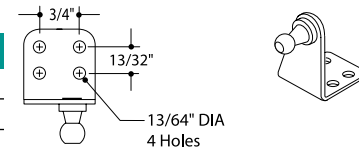
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|---------------------|---------|
| Stainless Steel | Forward | Ball 10mm | SL514HSSP3-1 | * |



SL52 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

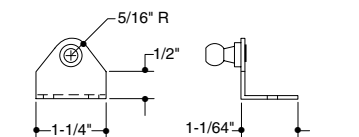
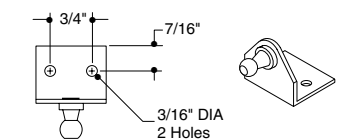
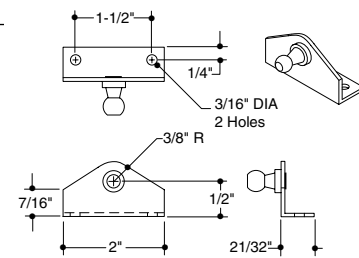
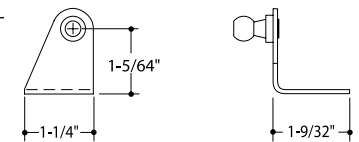
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|--------------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL52P3-1 | * |
| | Reverse | Ball 10mm | SL52P3R-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL52SSP3-1 | * |
| | Reverse | Ball 10mm | SL52SSP3R-1 | * |



SL54 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|-------------------|---------|
| Stainless Steel | Forward | Ball 10mm | SL54SSP3-1 | * |



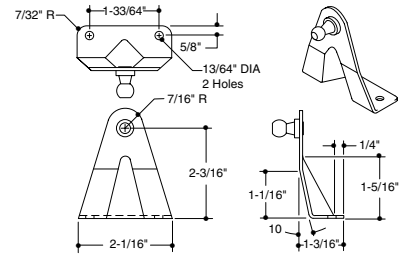
Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.



SL57 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

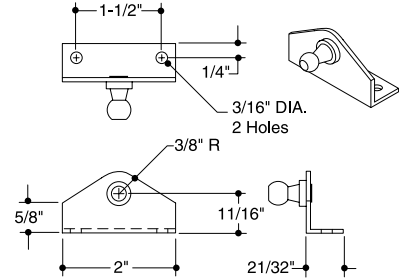
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|--------------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL57P3-1 | * |
| Stainless Steel | Reverse | Ball 10mm | SL57SSP3R-1 | * |



SL58 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

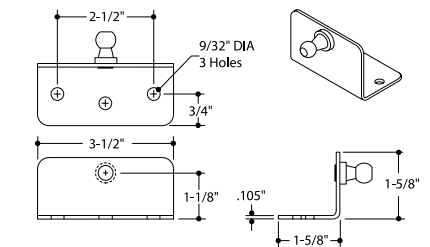
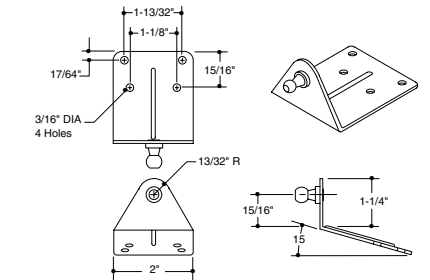
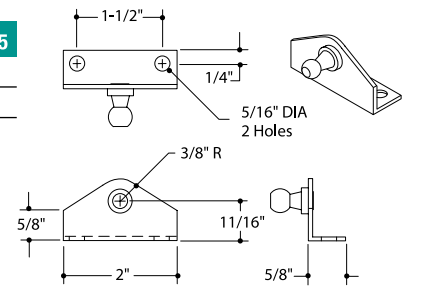
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|--------------------------------|---------------|-----------|---------------------|---------|
| Black Painted | Forward | Ball 10mm | SL58BP3-1 | * |
| | Reverse | Ball 10mm | SL58BP3R-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL58SSP3-1 | * |
| | Reverse | Ball 10mm | SL58SSP3R-1 | * |
| Stainless Steel, Black Painted | Reverse | Ball 10mm | SL58SSBP3R-1 | * |



SL61 & SL63 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|-------------------|---------|
| Stainless Steel | Forward | Ball 13mm | SL63SSBS-1 | * |
| | Reverse | Ball 13mm | SL61SSBS-1 | * |



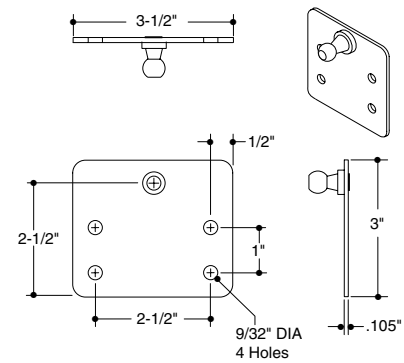
Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.



SL62 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

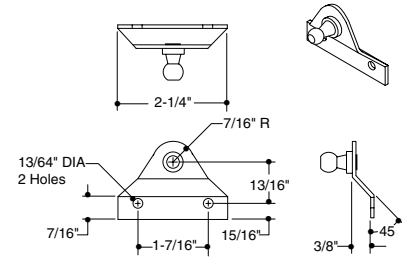
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|-------------------|---------|
| Stainless Steel | Forward | Ball 13mm | SL62SSBS-1 | * |



SL65 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

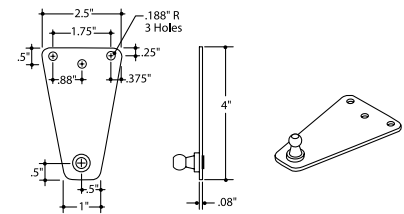
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|-------------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL65P3-1 | * |
| Black Painted | Forward | Ball 10mm | SL65BP3-1 | * |
| Stainless Steel | Forward | Ball 10mm | SL65SSP3-1 | * |



SL72 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

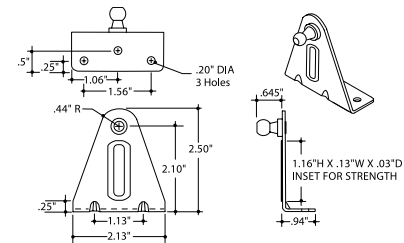
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|-------------------|---------|
| Stainless Steel | Forward | Ball 10mm | SL72SSBS-1 | * |



SL76 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

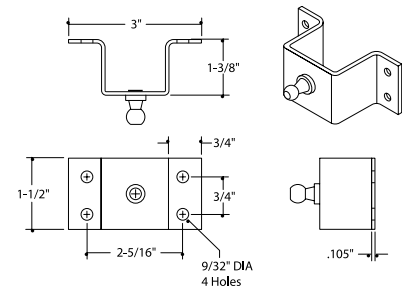
| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-----------------|---------------|-----------|--------------------|---------|
| Stainless Steel | Forward | Ball 10mm | SL76SSP3-1 | * |
| | Reverse | Ball 10mm | SL76SSP3R-1 | * |



SL77 Bracket

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Finish | Pem Direction | Pem Type | Bulk Packaging | Prop 65 |
|-------------|---------------|-----------|-----------------|---------|
| Zinc-Plated | Forward | Ball 10mm | SL77P3-1 | * |



Note: Bracket dimensions are the same with all "Pem" options. Dimensional drawings are shown with "Ball Pem" option.





| | |
|----------------------------------|---------|
| ABYC SEATING REQUIREMENTS | 200 |
| SEATING OVERVIEW | 201-204 |
| AERGO | 205-206 |
| AVENIR SPORT & AVENIR | 207-208 |
| CENTRIC X | 209-210 |
| CENTRIC SEATING COMPONENTS | 211-212 |

| | |
|-----------------------------------|---------|
| ATTWOOD CLASSIC | 213 |
| VENTURE | 214 |
| PROFORM | 215 |
| FISHING SEATS | 216 |
| 278 SERIES PEDESTAL SYSTEMS | 217-218 |
| 238 SERIES 2-3/8" | 219-221 |
| LAKESPORT 238 SERIES | 222-223 |
| WEDGE 2" & 2-3/8" | 224 |
| SNAP-LOCK 1.77" | 225 |
| LOCK 'N-PIN 3/4" PIN | 226-228 |
| PEDESTAL ACCESSORIES | 229-230 |



SWIVL-EZE® EXCEEDS THE HIGHEST STANDARDS



The American Boat & Yacht Council has established rigorous safety codes for seating hardware. Swivl-Eze welcomes these standards because we know seating is the critical interface between a boating passenger and a safe and comfortable boat. We exceed ABYC standards to ensure the strength and safety of every Swivl-Eze product.

ABYC REQUIREMENTS REFERENCE GUIDE

To make specifying simple, we've created an easy visual coding system. Throughout this catalog, each code shows the rating applied to individual hardware.

- AO** = Operator (Used at the helm/driver position)
- AN** = Non-Operator (Not to be used at the helm/driver position)
- B** = Not to be used at the helm/driver position for speeds not to exceed 5 mph

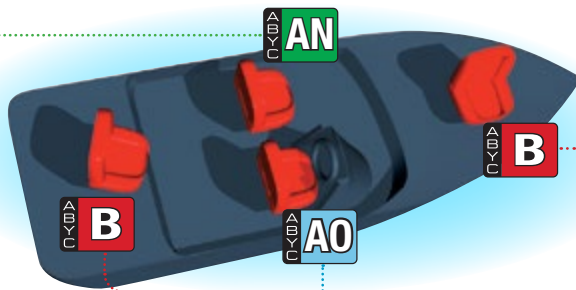
ABYC H31 SEAT STANDARDS

Go to attwoodmarine.com for updated requirements.

GENERAL REQUIREMENTS FOR ALL SEAT TYPES. (AO, AN, B)

- 31.6.1 Provided with a means to prevent unintentional detachment
- 31.8.7 Withstand static load of 450 lbs.
- 31.8.13.1 Adjustable height seats must withstand vertical dynamic test

SPECIFIC REQUIREMENTS BASED ON SEAT TYPE (Catalog reference code)



**TYPE A:
NON-OPERATOR**
(Not to be used at the helm/driver position)

- 31.7.3 Swivel locking mechanism must sustain torque of 30 ft. lbs.
- 31.3 A seat designed for occupancy while the vessel is underway at any speed
- 31.7.1 Employ a locking mechanism for each plane or axis of movement
- 31.7.4 Seats with fore/aft adjustment must sustain static load of 300 lbs. for 3 minutes in mid position
- 31.7.5 Seats with a vertical adjustment feature shall have a positive locking mechanism
- 31.8.3 Sustain 10 impacts of 225 lbs.



**TYPE A:
OPERATOR**
(Used at the helm/driver position)

- 31.7.6.1 Must have positive locking swivels which withstand 150 ft. lbs. of torque
- 31.7.6.2 All seats interchangeable with the operator's seat must meet the requirements of this section
- 31.3 A seat designed for occupancy while the vessel is underway at any speed
- 31.7.1 Employ a locking mechanism for each plane or axis of movement
- 31.7.4 Seats with fore/aft adjustment must sustain static load of 300 lbs. for 3 minutes in mid position
- 31.7.5 Seats with a vertical adjustment feature shall have a positive locking mechanism
- 31.8.3 Sustain 10 impacts of 225 lbs



TYPE B
(Not to be used at the helm/driver position)

- 31.3 A seat designed for occupancy only at boat speeds not exceeding five miles per hour
- 31.8.3 Sustain dynamic loads at 1/2 the velocity required for Type A seats

EXCEPTIONS:

- 31.2.1 ABYC H31 standards do not apply to canoes, kayaks, sailboats, inflatables, race boats, tiller steered boats and boats rated for less than 10 horsepower or manual propulsion



FIND A MATCH FOR EVERY BOATER'S STYLE OF COMFORT

Attwood introduces award-winning seating innovations, year after year. As the Attwood seating group grows, you can find the right seating style for every type of recreational boating, and every type of customer.

BUCKET SEATING

For cruisers, runabouts, deck boats, and pontoon boats



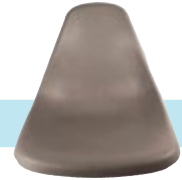
Aergo

- Designed to be comfortable in any seating position
- Includes our 4-G Mesh SAS suspension



Avenir™

- Outstanding support, luxury, and styling
- Exclusive SAS™ Quad-Spring™ suspension offers unequalled shock absorption and comfort



Molded Bucket Seat

- Made from high-impact plastic
- Comfortable, ergonomic design

FOLDING SEATS

For all fishing boats and pontoon boats



Centric X

- Enhanced core for strength and durability
- Updated pattern styling
- Available with standard or premium accent colors



Attwood Classic

- One-hand open/close feature
- Pinch-less hinge
- Available in white, camouflage, or gray



Venture™

- The best ergonomic contouring for cool comfort, with or without upholstery
- Patented no-pinch folding hinge



Low Back Fold Down Fishing Seats

- High impact plastic frame and aluminum hinges
- UV resistant
- Easy to clean vinyl



Padded Flip Boat Seats

- Thick and comfortable padding
- Compact and lightweight

CASTING SEAT

For all fishing boats and pontoon boats

- Offers support and comfort for long-term use
- Made with marine-grade vinyl
- Works with any casting seat application



Aftermarket Seating Offering

| Seat Name | Part Number | Color |
|--|-------------|---------------------------|
| Aergo (p. 204) | 98966BK-2 | Bright White/Black |
| | 98966BL-2 | Bright White/Blue |
| | 98966BW-2 | Bright White/Bright White |
| | 98966RD-2 | Bright White/Red |
| | 98967OW-2 | Off White/Off White |
| | 98968BK-2 | Gray/Black |
| Avenir (p. 206) | 98437BK-2 | Off White/Black |
| | 98437OW-2 | Off White/Off White |
| | 98438BL-2 | Bright White/Blue |
| | 98438BW-2 | Bright White/Bright White |
| | 98438GY-2 | Bright White/Gray |
| | 98438RD-2 | Bright White/Red |
| | 98439BK-2 | Gray/Black |
| | 98439GY-2 | Gray/Gray |
| Molded Bucket (p. 215) | 98390GY | Gray |
| Centric X (p. 208) | 97S03BK-2 | Gray/Black |
| | 97S03BL-2 | Gray/Blue |
| | 97S03RD-2 | Gray/Red |
| | 97S04BE-2 | Beige/Beige |
| | 97S05BK-2 | Black/Black |
| | 97S05RD-2 | Black/Red |
| | 97SMAX4-2 | Camo |
| Classic (p. 212) | 98386-2 | Two-Tone Gray |
| | 98387-2 | Camouflage |
| | 98388-2 | White |
| Venture (p. 213) | 97100-001-2 | White |
| | 97100-005-2 | Gray |
| | 97100-006-2 | Olive |
| Proform (p. 214) | 7012-004-4 | Gray/Blue |
| | 7012-101-4 | White/White |
| | 7012-102-4 | White/Blue |
| | 7012-103-4 | White/Red |
| | 7012-104-4 | Gray/Red |
| | 7012-105-4 | White/Gray |
| | 7012-504-4 | Gray/Gray |
| Low-Back Fold Down Fishing Seats (p. 215) | 98395CAMO | Camo |
| | 98395GY | Gray |
| | 98395WH | White |
| Padded Flip Boat Seats (p. 215) | 98391GNMX | Green |
| | 98391GY | Gray |
| Casting (p. 215) | 98505CA | Camo |
| | 98505GY | Gray |
| Stainless Steel | 98505WH | White |

OEM Seating Offering

| Seat/Kit Name | Part Number | Material |
|-------------------------------|-------------|-------------------------|
| Aergo (p. 206) | 98961-1 | Plastic/Foam |
| | 98963-1 | Plastic/Foam |
| | 98990-1 | Plastic/Foam |
| | 98991-1 | Plastic/Foam |
| Avenir (p. 208) | 98201-1 | Plastic |
| | 98202-1 | Plastic |
| | 98203-1 | Plastic |
| | 98204-1 | Plastic |
| | 7060-1 | Plastic |
| | 7040-1 | Plastic |
| | ATT103 | Foam |
| | ATT101 | Foam |
| | ATT102 | Foam |
| | ATT109 | Foam |
| | ATT110 | Foam |
| Centric X (p. 210-212) | 98900-1 | Plastic |
| | 98908-1 | Plastic |
| | 98910-1 | Plastic |
| | ATT200-1 | Foam |
| | ATT2005-1 | Foam |
| | ATT210-1 | Foam |
| | 98100-1 | Plastic |
| | 98120-1 | Plastic |
| | 7009-1 | Plastic |
| | 7006-1 | Plastic |
| | 98124 | Plastic |
| | ATT001 | Foam |
| | ATT008 | Foam |
| | ATT009 | Foam |
| | ATT016 | Foam |
| | ATT002 | Foam |
| ATT007 | Foam | |
| Classic (p. 213) | 98386-2 | Gray Vinyl |
| | 98387-2 | Camo Poly |
| | 98388-2 | White Vinyl |
| Venture (p. 214) | 97100-001-1 | White Plastic |
| | 97100-005-1 | Gray Plastic |
| | 97100-006-1 | Olive Plastic |
| Proform (p. 215) | 7012-101-1 | White Plastic/Vinyl |
| | 7012-004-1 | Gray Plastic/Blue Vinyl |
| | 7012-504-1 | Gray Plastic/Vinyl |
| | 7022-101-1 | White Plastic/Vinyl |
| | 7020-001-1 | White Plastic |
| | 7015-001-1 | White Plastic |

THE FACTORS OF SEATING COMFORT

What makes a seat comfortable? The answer becomes complex as boating becomes more specialized and boaters more sophisticated. As your seating expert, Attwood stays ahead of design trends. In the columns below we list the universal and specialized comfort factors you should look for in any seat you choose.

UNIVERSAL FACTORS

Contouring

- The seat's backrest follows the natural curve of the spine
- An upward curve at the back of the seat pan rotates the pelvis forward and properly positions the lumbar region
- A rounded front ("waterfall") edge reduces pressure on the thighs



Venture Fishing Seat is contouring in it's purest form

Backrest Angle

- The seat relieves pressure by shifting upper body weight to the backrest, while not reducing support. This is done by angling the seat and seat mount
- Optimal seat pan-to-backrest angle is 95° -105° for passengers, 95° - 100° for drivers

Seat Height

- Pedestal height is critical for comfort and driver's vision. If too low: weight shifts onto the sitting bones. If too high: weight shifts onto back of the thighs and into the spine
- Seat height should be adjustable within a 5" range — 14-1/2" to 19-1/2" above the deck

Proper Dimensions

- Seats should fit a range of body sizes
- Attwood's seats accommodate body frames ranging from small (5th percentile female) to large (95th percentile male)

SPECIALIZED FACTORS

Shock Absorption

- Attwood was the first to create effective shock absorption that isolates the boater's spine from hull pounding. Attwood accomplishes this through our two revolutionary seating suspension systems. Both take a 4G hit without transferring shock to the rider by providing 3-inches of travel for a soft landing without bottoming out.



SAS™ Quad-Spring Suspension



4G Mesh SAS Suspension

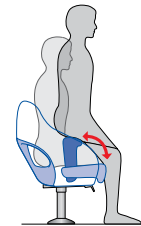
Cushioning

- On Attwood seats, the right amount of sculpted foam enhances the comfort and support already designed into the ergonomic contour
- If foam is too thick, the body "swims" without support, and movement is restricted
- If the foam is soft or thin, it "bottoms out," leading to discomfort or injury



Breathability

- Venture folding fishing seats have ventilated seat back and pan to allow pass-through of air and water for increased comfort



Accessories

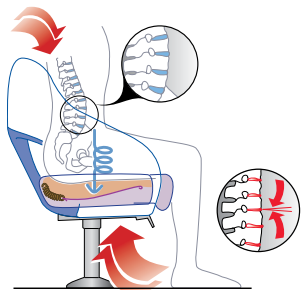
- A flip-up bolster can add height and improve the field of vision for maneuvering

SAS SHOCK ABSORBING SYSTEM

SAS and 4G Mesh SAS Suspensions Provide Dynamic Comfort Underway and Static Comfort for Relaxing

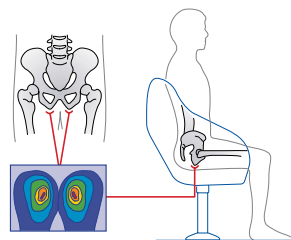
Dynamic Comfort

- While underway, both SAS suspension types absorb up to 4Gs of impact from waves and hull pounding.



With Suspension
Impact is absorbed by the suspension — not the boater.

Without Suspension
Repeated impact can cause pain and chronic disk injury.



Static Comfort

Even while idle and sitting still, the SAS suspension adjusts to pressure and adds long term comfort.



Conventional Seat
Graphs show that conventional seats allow pressure points and impaired circulation around sharp "sitting bones".

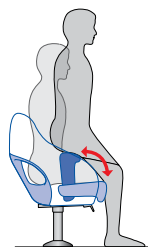


Seat with Suspension
The Attwood suspensions have stretching action to minimize pressure points.

AERGO SEATING



The Aergo seat was definitely designed with comfort in mind. Angled back and cut-out allow the user to get a comfortable back angle in any seating position. Arm cap is angled in to keep arms in seat. The back of the seat is pushed back to allow more seating area in the seat pan. A recessed arm area allows user to swing their leg over the side of the seat when turning to look behind the boat and the flip-up bolster allows additional height when trying to get the boat on plane. Aergo also possesses a feature that you expect in Attwood premium seating, the Mesh SAS Shock Absorbing System that absorbs up to 4Gs of shock.



98966BK

* **⚠ WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

Aergo Fully Upholstered Seats

The Aergo seat was designed to be comfortable in any seating position. Features the 4G Mesh SAS shock absorbing system that absorbs up to 4Gs of shock.

Example of a fully upholstered seat.

| Description | Base Color | Accent Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|--------------|--------------|----------------|---------|-----------------------|---------|
| Aergo Fully Upholstered with Flip-Up Bolster | Off-White | Off-White | — | | 989670W-2 | * |
| | Bright-White | Black | — | | 98966BK-2 | * |
| | | Blue | — | | 98966BL-2 | * |
| | | Bright-White | — | | 98966BW-2 | * |
| | | Red | — | | 98966RD-2 | * |
| | Gray | Black | — | | 98968BK-2 | * |



Aergo Seat Shell Kits

These Aergo Kits contain all the molded foam and plastic in one!

Our 4G Mesh SAS Shock Absorbing System and molded-in armrests give extra functional elements to the design and ergonomic comfort of this seat.

Aergo Kit Components

These kits contain the molded core, pan, and bolster plastic and foam pieces. You can choose either the standard kit, which contains standard bolster foam, or the large bolster kit which has larger bolster foam for added comfort during elevated seating.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



Aergo 240 Kits

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Aergo 240 Kit with standard bolster | 98961-1 | * | — | — |
| Aergo 240 Kit with large bolster | 98963-1 | * | — | — |



Aergo 220 Kits

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Aergo 220 Kit with standard bolster | 98990-1 | * | — | — |
| Aergo 220 Kit with large bolster | 98991-1 | * | — | — |

AVENIR™ SPORT SEATING

Avenir Sport is the world's first bolster seat with the award winning, patented SAS shock absorbing system. Avenir Sport features a compact, low profile, sporty styling. It's ideal for smaller cockpits or any application where boater comfort and compact size are important.

Seat Shell and Molded Foam

Work together to provide ergonomic comfort and spinal support.

Arm Contour

Stylish curve supports the arms in a natural, comfortable position.

Flip-Up Bolster

Bolster down creates rounded edge at front of seat and exceeds ABYC H-31 Type A Driver requirements. Up position holds the bolster at a 102° angle with 7" height for improved maneuvering vision or when boat is off plane.



Recessed Bottom Angle

Rounded corners and recessed bottom angle minimize the bottom "footprint." Allows seat to swivel in confined spaces.

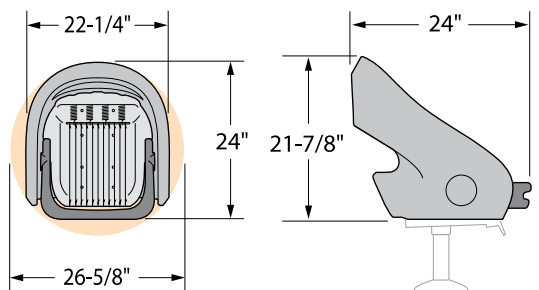
No Exposed Hinges

No ugly brackets or fasteners to color-match, pinch, or abrade.

Avenir™ Sport Fully Upholstered Seats

Avenir™ Sport upholstered seats are trimmed out with a deep-tuck backrest, molded polyurethane foam, and marine grade vinyl upholstery. The side cutaway provides lower back ventilation. Seats include corrosion-resistant T-nuts for attachment to seat pedestals.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)



| Description | Base Color | Accent Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|--------------|--------------|----------------|---------|-----------------------|---------|
| Avenir Sport Fully Upholstered with Flip-up Bolster | Off-White | Off-White | — | | 984370W-2 | * |
| | | Black | — | | 98437BK-2 | * |
| | Bright-White | Blue | — | | 98438BL-2 | * |
| | | Bright-White | — | | 98438BW-2 | * |
| | | Gray | — | | 98438GY-2 | * |
| | | Red | — | | 98438RD-2 | * |
| | Gray | Black | — | | 98439BK-2 | * |
| | | Gray | — | | 98439GY-2 | * |



AVENIR™ SPORT & AVENIR™ SEATING COMPONENTS

Avenir molded seating components have just four interlocking parts. This easy-to-install design, along with the universal hole pattern, reduces your upholstery and installation costs. Avenir uses marine-grade materials, a thermoplastic shell, and a stainless steel suspension grid with corrosion proof springs.

These components utilize a shell and backrest upholstery insert which speeds up the upholstery of the seat shell and provide an easy means of adding stylish accent piece with deep-tuck seam. Insert posts snap securely into the seat shell using foolproof clips for a quick and easy assembly.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

Complete Kits

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| AVENIR SPORT KITS | | | | |
| Avenir Sport Kit - Standard Includes: ATT101, ATT102, ATT110, 7034, 7043, 7044 | 98201-1 | | — | |
| Avenir Sport Kit - Lumbar Includes: 7033, ATT101, ATT102, ATT110, 7034, 7043, 7044 | 98202-1 | * | — | |
| Avenir Sport Kit - Headrest Includes: 7032, ATT101, ATT102, ATT109, 7034, 7043, 7044 | 98203-1 | * | — | |
| AVENIR MIDBACK KIT | | | | |
| Avenir Midback Kit Includes: 7040-1, 7023, 7041, 7043, 7044, 7060-1, ATT101, ATT102, ATT103 | 98204-1 | * | — | |



Upholstery Trim Rings

Avenir Upholstery Trim Rings provide a finished cap to cover seam where mesh and vinyl meet in ventilation holes at back of seat.

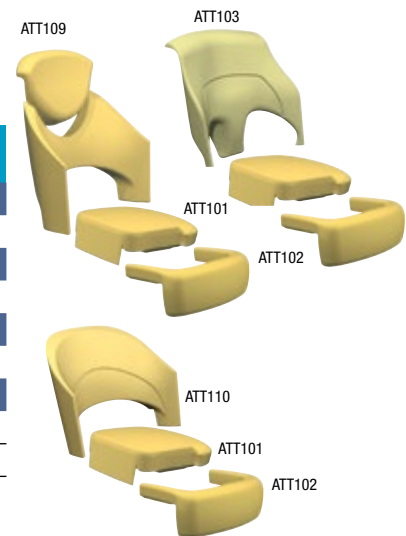
| Description | Bulk Packaging | Aftermarket Packaging |
|-------------------------------------|----------------|-----------------------|
| AVENIR MIDBACK TRIM RINGS | | |
| Left Side Trim Ring, White Plastic | 7060-1 | — |
| Right Side Trim Ring, White Plastic | 7040-1 | — |



Molded Foam Packs

Molded foam packs are contoured specifically to enhance an ergonomic design for maximum comfort and style. Eliminates labor-intensive and costly cut foam and provides a consistent shape that improves the quality of the upholstered seat.

| Description | For Use with Component | Bulk Packaging | Aftermarket Packaging |
|--|------------------------|----------------|-----------------------|
| AVENIR MIDBACK FOAM PACKS | | | |
| Avenir Midback Backrest Foam | — | ATT103 | — |
| SEAT PAN FOAM PACKS | | | |
| SAS Seat Pan | — | ATT101 | — |
| BOLSTER FOAM PACKS | | | |
| Flip-up Bolster | — | ATT102 | — |
| AVENIR SPORT FOAM PACKS | | | |
| Avenir Sport Backrest with Headrest | — | ATT109 | — |
| Avenir Sport Backrest with Lumbar Option | — | ATT110 | — |



For questions regarding Attwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Attwood Customer Service (616.897.9241)

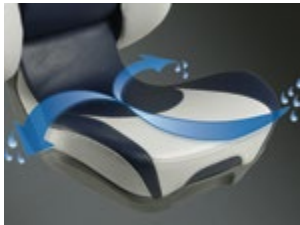
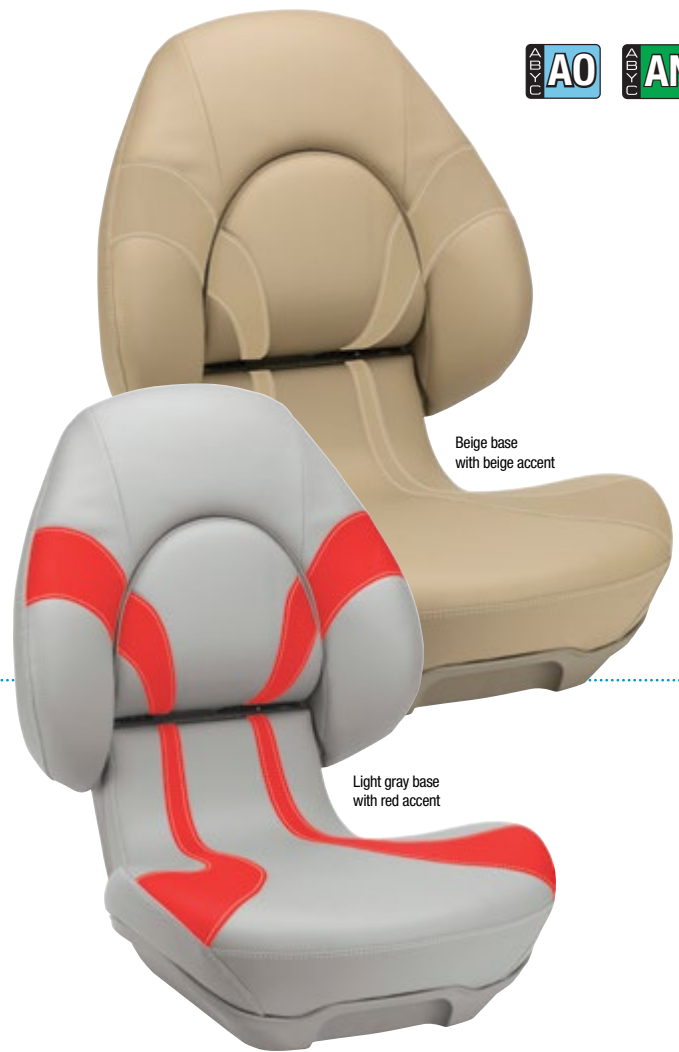


CENTRIC X **new** SEATING



Centric X now has a stronger and more durable core. The pattern styling is updated with advanced quality vinyls. The acrylic top coat provides anti-stain finish, UV stabilized pigments and is mildew resistant. Choose from standard or premium accent colors. Standard accent colors are the most popular options, or choose from premium accent colors to match specific boat color schemes.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

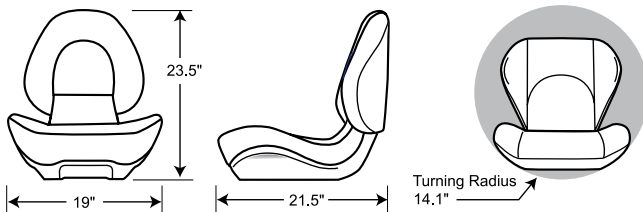


Seat Pan Designed for Proper Water Drainage



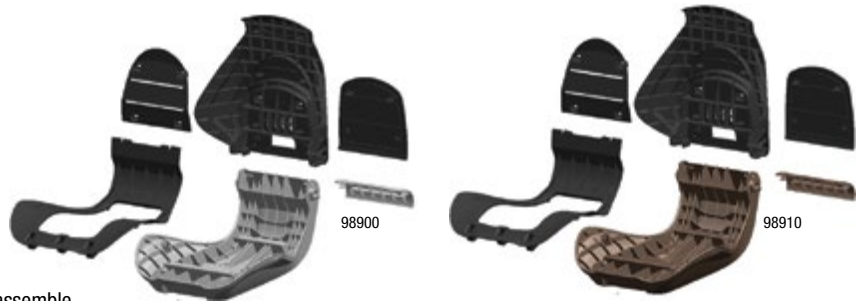
Folds Flat for a Cleaner Look

| Description | Base Color | Accent Color | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|------------|--------------|----------------|-----------|-----------------------|---------|
| Centric X | Gray | Black | — | | 97S03BK-2 | * |
| | | Blue | — | | 97S03BL-2 | * |
| | | Red | — | | 97S03RD-2 | * |
| | Beige | Beige | — | | 97S04BE-2 | * |
| | Black | Black | — | | 97S05BK-2 | * |
| | | Red | — | | 97S05RD-2 | * |
| Camo | Camo | — | | 97SMAX4-2 | * | |



CENTRIC X SEAT COMPONENTS

These sleek, functional, and ergonomically designed seats provide the new look you've been looking for in folding fishing or helm seats! Just choose the base plastic kit that suits your functional needs. Then choose a stylish foam kit and complete your look.



Seat Shell Kits

Centric X seat shell kits contain all plastic components to assemble. Base pieces include corrosion-resistant T-nuts for pedestal attachment. Kits include assembly hardware.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | For Use with Foam Pack | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------|---------------------------------|----------------|---------|-----------------------|---------|
| Non-SAS, Gray | ATT200-1, ATT205-1, or ATT210-1 | 98900-1 | * | — | — |
| Non-SAS, Dark Gray | ATT200-1, ATT205-1, or ATT210-1 | 98908-1 | * | — | — |
| Non-SAS, Duck | ATT200-1, ATT205-1, or ATT210-1 | 98910-1 | * | — | — |



Molded Foam Packs

Centric X molded foam kits come in a variety of shapes to fit your individual styling needs.

| Description | Bulk Packaging | Aftermarket Packaging |
|------------------------------------|-----------------|-----------------------|
| Non-SAS Standard Foam Pack | ATT200-1 | — |
| Non-SAS Flared Headrest Foam Pack | ATT205-1 | — |
| Non-SAS Rounded Headrest Foam Pack | ATT210-1 | — |

For questions regarding Attwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Attwood Customer Service (616.897.9241)

CENTRIC SEATING COMPONENTS



With all of its features, Centric is surprisingly easy to upholster using our molded foam packs. Centric seat components consist of blow-molded fishing or helm seat cores, injection molded upholstery onserts for the backrest and seat back hinge cover, and molded foam packs.

Seat Core Kits

Centric seat core kits include the seat pan with a choice of Mid-Back and High-Back backrest styles. Each seat includes a separate seatback onsert to cover and protect the hinge. Onsert can be applied and then upholstered over with the rest of the seatback or upholstered separate of the seatback as a means of providing an accent piece. Seat cores include corrosion-resistant T-nuts for attachment to seat pedestals.

Upholstery Onserts

The Upholstery Onserts speed up the upholstery of the backrest and provide an easy means of adding a stylish accent piece with deep-tuck seam. Onsert posts snap securely into seat core using foolproof clips for quick, easy assembly.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | For Use with Foam Packs | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------|-------------------------|----------------|---------|-----------------------|---------|
| SEAT CORES AND ONSERTS | | | | | |
| Mid-Back Core, Black | ATT001, ATT002, ATT007 | 98100-1 | * | — | |
| High-Back Core, Black | ATT007, ATT008 | 98120-1 | * | — | |
| Mid-Back Onsert | ATT009 | 7009-1 | * | — | |
| High-Back Onsert | ATT008 | 7006-1 | * | — | |
| Mid-Back II Onsert | ATT016 | 98124 | | — | |



Molded Foam Packs

Molded foam packs are contoured to enhance the ergonomic shape of Centric's seat core for maximum comfort and style. Eliminates labor-intensive and costly cut foam and provides a consistent shape that improves the quality of the upholstered seat. Centric foam packs are offered with a choice of integrated "hook and loop" or "onsert" upholstery methods.

Hook and Loop—Joins upholstery seam-to-foam to form a moderate tuck.

Onserts—provide a deep tucked seam depth by using a separate upholstered panel.



ATT001



ATT008

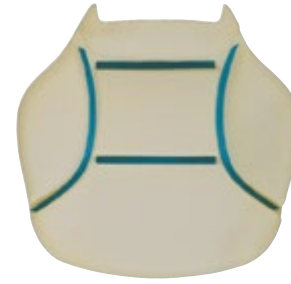


ATT009

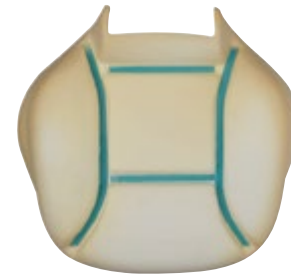


ATT016

| Description | For Use with Component(s) | Bulk Packaging | Aftermarket Packaging |
|----------------------------|----------------------------|----------------|-----------------------|
| BACKREST FOAM PACKS | | | |
| Mid-Back, Hook & Loop | 98100 | ATT001 | — |
| High-Back, w/Onsert | 98120, 7006 | ATT008 | — |
| Mid-Back, w/Onsert | 98100, 7009 | ATT009 | — |
| Mid-Back II Foam Pack | 98121, 98124 | ATT016 | — |
| SEAT PAN FOAM PACKS | | | |
| Sport Weight Hook & Loop | 98100, 98200, 98120, 98121 | ATT002 | — |
| Luxury Weight Hook & Loop | 98100, 98200, 98120, 98121 | ATT007 | — |



ATT002



ATT007

For questions regarding Atwood's most up-to-date seating selections, or for assistance with your seating application, contact your Sales Representative or Atwood Customer Service (616.897.9241)

ATTWOOD CLASSIC SEAT

The Attwood Classic Seat delivers the lofty comfort and styling typically associated with OEM seats, but at an attractive retail price. Its ergonomic design and carefully crafted upholstery provide an optimum blend of comfort and support for the active boater and fisherman. Users will appreciate the safety of the integrated pinch-less hinge and the added convenience of the one-hand open and close feature. With its comfort, style, and high-quality materials, it's easy to see why the Classic is the smart choice in seating. Available in Gray, Camouflage, and White.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



98386



98387



98388

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------------------|----------------|---------|-----------------------|---------|
| Classic Seat, Two-Tone Gray, Vinyl | — | | 98386-2 | * |
| Classic Seat, Camouflage, Polyester | — | | 98387-2 | * |
| Classic Seat, White, Vinyl | — | | 98388-2 | * |

VENTURE FOLDING FISHING SEAT

The Venture folding fishing seat is designed to satisfy the widest possible range of boaters and boat builders. Mounts in any location on bass boats, aluminum fishing boats, fish'n ski, pontoon and deck boats. Its advanced styling distinguishes it from all other seats on the market.

* **WARNING** Cancer and Reproductive Harm
 – www.P65Warnings.ca.gov (see page 260)

Ventilated

Seat back and pan are ventilated to allow pass-through of air and water for increased comfort.

Portability

Venture quickly folds away to allow more room for activity and fishing excitement. Then it can be easily removed and transported using the built-in carry handle.

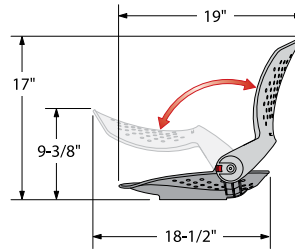
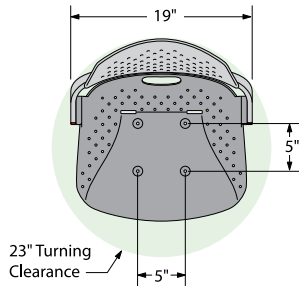


Simple, Pinch-Proof Hinge and Lock

Push-button release automatically locks the seat back in upright sitting position or the folded position for transport.



97100-005



Seat Shell Only

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| Shell Only, White | 97100-001-1 | * | 97100-001-2 | * |
| Shell Only, Medium Gray | 97100-005-1 | * | 97100-005-2 | * |
| Shell Only, Olive | 97100-006-1 | * | 97100-006-2 | * |

PROFORM SEATING

Molded-In Support

Designed into the contours of the seat back and pan, offering comfort with or without padding.

Molded-In Color

The high-impact polymer is strong and UV stable. Colors have been specially selected to coordinate with boat interiors, trim, carpet and vinyls

Upholstery

Marine grade fabric is UV stable and weather resistant.

Foam Padding

Minimized to reduce cost and water absorption yet provide comfort.

Molded-In Drain Holes

Eliminate standing water; no more “puddle sitting.”



Pinch-Resistant Hinge

Strong enough to withstand impact.



Seat Back Lock

Secures backrest in down position; no more vinyl straps and snaps.



“Waterfall” Front Edge

Gently minimizes pressure behind the knees.

Curved Front Corners

Permit easy, comfortable movement when driving, fishing or relaxing.

PROForm Seats With Upholstered Onserts

Available in a variety of colors, seats include backrest and seat pan onserts upholstered with marine grade vinyl or Cor-dura 1000 denier nylon that use 1" thick foam for comfort. Onserts are installed with corrosion-resistant screws. Seats include corrosion-resistant T-nuts for attachment to seat pedestals.

* ⚠ **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



7012-101



7012-004



7012-504



7012-104

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-------------------|---------|-----------------------|---------|
| SEATS WITH UPHOLSTERED ONSSERTS | | | | |
| White PROForm Seat with White upholstered onserts | 7012-101-1 | * | 7012-101-4 | * |
| White PROForm Seat with Blue upholstered onserts | — | | 7012-102-4 | * |
| White PROForm Seat with Red upholstered onserts | — | | 7012-103-4 | * |
| White PROForm Seat with Gray upholstered onserts | — | | 7012-105-4 | * |
| Light Gray PROForm Seat with Blue vinyl upholstered onserts | 7012-004-1 | * | 7012-004-4 | * |
| Light Gray PROForm Seat with Red vinyl upholstered onserts | — | | 7012-104-4 | * |
| Light Gray PROForm Seat with Gray vinyl upholstered onserts | 7012-504-1 | * | 7012-504-4 | * |
| SEATS WITH UPHOLSTERED ONSSERTS AND OUTER BACK PANEL – FOR MORE FINISHED LOOK | | | | |
| White PROForm Seat and Outer Back Panel with White vinyl upholstered onserts | 7022-101-1 | * | — | |
| PROform ACCESSORIES | | | | |
| White outer back panel | 7020-001-1 | | — | |
| White seat with Bosses/Tnuts | 7015-001-1 | | — | |



FISHING SEATS

Low-Back Padded Boat Seat

This seat features a high impact plastic frame and aluminum hinges. It is UV and mildew resistant with easy to clean vinyl and a standard seat hole mounting pattern. 7"W x 16"D x 16"H.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------------|----------------|---------|-----------------------|---------|
| Low-Back Padded Boat Seat, Gray | — | | 98395GY | * |
| Low-Back Padded Boat Seat, White | — | | 98395WH | * |
| Low-Back Padded Boat Seat, Camo | — | | 98395CAMO | * |



98395WH

Molded Bucket Seat

This one piece molded plastic boat seat is made from high-impact plastic. Seat includes mounting screws. 18"W x 21"D x 16"H.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|----------------|---------|-----------------------|---------|
| Molded Boat Seat, Gray | — | | 98390GY | * |



98390GY

Padded Boat Seat

This padded boat seat is a comfortable and convenient addition to your boat's seating. It features thick padding, making your activities comfortable for long periods of time. It's compact and lightweight design makes it easy to transport. 20"W x 17"D x 12"H.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------|----------------|---------|-----------------------|---------|
| Padded Boat Seat, Camo | — | | 98391GNMX | * |
| Padded Boat Seat, Gray | — | | 98391GY | * |



98391GNMX

Casting Seat

This casting seat is constructed with quality materials and workmanship. Made with marine-grade vinyl, it offers long-term support and comfort. A universal casting seat, it works with any casting seat application.

Available in white, gray or camo. 15"W x 11"D x 6" H.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---------------------|----------------|---------|-----------------------|---------|
| Casting Seat, White | — | | 98505WH | * |
| Casting Seat, Camo | — | | 98505CA | * |
| Casting Seat, Gray | — | | 98505GY | * |



98505GY

98505CA



278 SERIES PRODUCTS



STRONG. STABLE. SMOOTH.

Unmatched Strength.

Heavy-duty casting easily supports popular oversized helm seats.

Supreme Stability.

A rigid mount and wider seat interface create ultimate pedestal robustness.

Extra Smooth.

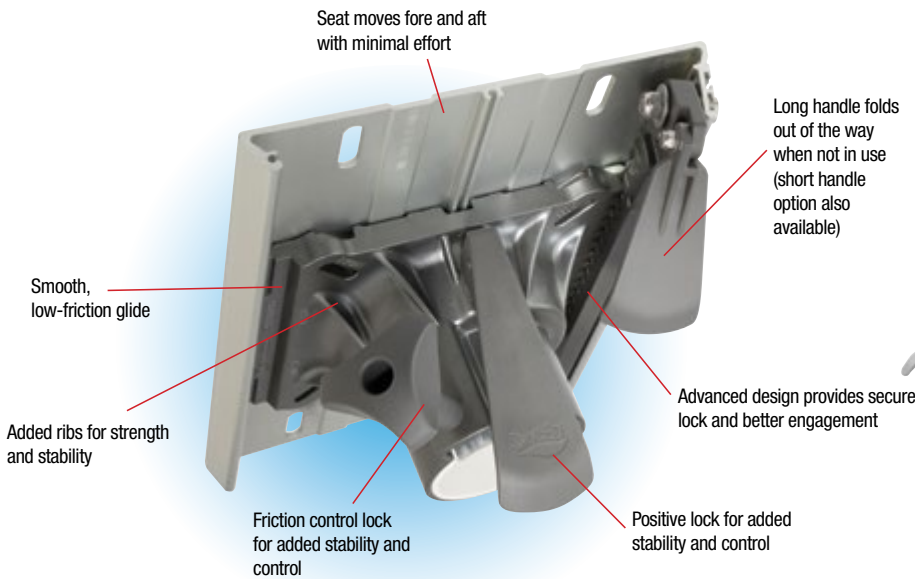
Improved slider motion facilitates easy fore and aft movement. Dampening gas spring on the 278 Air System absorbs impact.



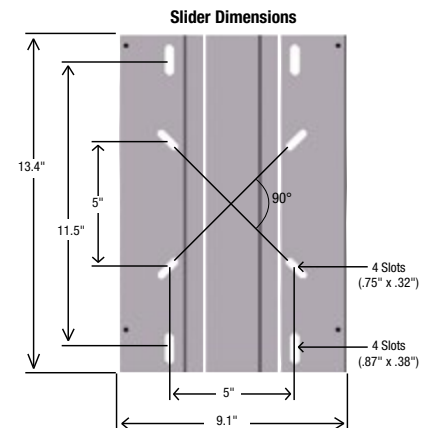
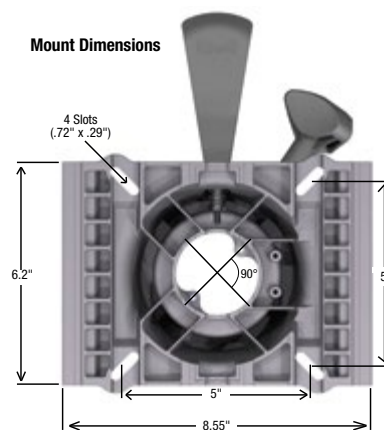
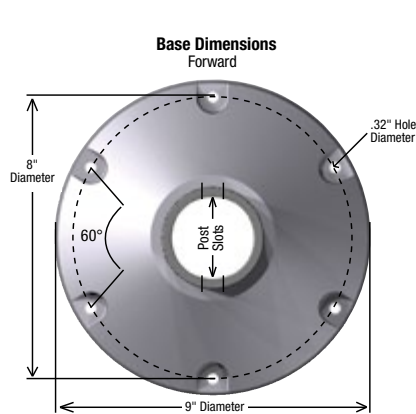
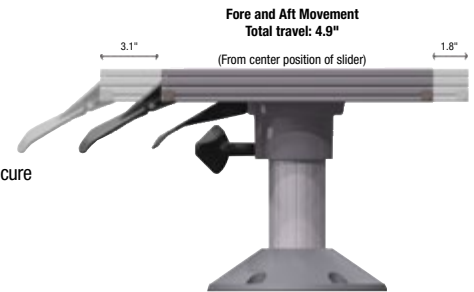
278 Pro System
Fixed Height Pedestal



278 Air System
Adjustable Height Pedestal



Dimensions of 278 Pro & 278 Air Systems
NOTE: 278 Pro & 278 Air System components are not compatible with other seating systems.



* 5-year warranty applies only to 278 Series products, found on pages 220-221.



* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

278 Air System (Adjustable Height Pedestal)

| Description | ABYC Code | Base Height | Slider Handle | Base Finish | Bulk Packaging | Prop 65 |
|--|-----------|-------------|---------------|-------------|-----------------|---------|
| BASES (For total system height, add 1" to the base height.) | | | | | | |
| 278 Air Pedestal Base, 2.75" Below Deck | AO | 9-12" | — | Gray | 278AOP0912-BD-1 | * |
| 278 Air Pedestal Base | AO | 12-15" | — | Gray | 278AOP1215-1 | * |
| 278 Air Pedestal Base | AO | 15-19" | — | Gray | 278AOP1519-1 | * |
| 278 Air Pedestal Base | AO | 19-23" | — | Gray | 278AOP1923-1 | * |
| SEAT MOUNTS | | | | | | |
| 278 Pro Mount, 3 degree | AO | — | — | — | 278A03AM-1 | * |
| 278 Pro Mount, 0 degree | AO | — | — | — | 278A0ZAM-1 | * |
| 278 MOUNTS WITH SLIDER | | | | | | |
| 278 AirGlide Slider, 0 degree | AO | — | Short | — | 278A0ZAGS-1 | * |
| 278 AirGlide Slider, 0 degree | AO | — | Long | — | 278A0ZAGL-1 | * |
| 278 AirGlide Slider, 3 degree | AO | — | Short | — | 278A03AGS-1 | * |
| 278 AirGlide Slider, 3 degree | AO | — | Long | — | 278A03AGL-1 | * |

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

278 Pro System (Fixed Height Pedestal)

| Description | ABYC Code | Base Height | Slider Handle | Base Finish | Bulk Packaging | Prop 65 |
|------------------------------------|-----------|-------------|---------------|-------------|----------------|---------|
| 278 Pro Pedestal Base, Low Profile | AO | 5" | — | Bright | — | |
| 278 Pro Pedestal Base | AO | 6" | — | Gray | 278A0GY060-1 | * |
| 278 Pro Pedestal Base | AO | 7" | — | Gray | 278A0GY070-1 | * |
| 278 Pro Pedestal Base | AO | 8" | — | Gray | 278A0GY080-1 | * |
| 278 Pro Pedestal Base | AO | 9" | — | Gray | 278A0GY090-1 | * |
| 278 Pro Pedestal Base | AO | 10" | — | Gray | 278A0GY100-1 | * |
| 278 Pro Pedestal Base | AO | 11" | — | Gray | 278A0GY110-1 | * |
| 278 Pro Pedestal Base | AO | 12" | — | Gray | 278A0GY120-1 | * |
| 278 Pro Pedestal Base | AO | 13" | — | Gray | 278A0GY130-1 | * |
| SEAT MOUNTS | | | | | | |
| 278 Pro Mount, 3 degree | AN | — | — | — | 278ANZPM-1 | * |
| 278 Pro Mount, 0 degree | AO | — | — | — | 278A0ZPM-1 | * |
| 278 Pro Mount, 3 degree | AO | — | — | — | 278A03PM-1 | * |
| SEAT MOUNTS WITH SLIDER | | | | | | |
| 278 ProGlide Slider, 3 degree | AO | — | Long | — | 278A03PGL-1 | * |
| 278 ProGlide Slider, 0 degree | AO | — | Long | — | 278A0ZPGL-1 | * |

AN = For use in all non-helm positions.

AO = For use in helm positions.



238 SERIES 2-3/8" PRODUCTS

238 Series has strength, style and corrosion-resistance:

- Pedestal tubes are hard-anodized aluminum
- All springs are stainless steel
- Bases are bead-blasted (to close aluminum porosity) and clear coated

Smooth movement without wobble

- Slider has gear-tooth lock mechanism; locks solidly, disengages easily
- Slider rides smoothly on acetal linear bearings

Clean style, ergonomic design

- Styling is clean and uncomplicated
- Handles are ergonomically designed to be easy on the hands and easy to reach

Not recommended to interchange with other manufacturers' products

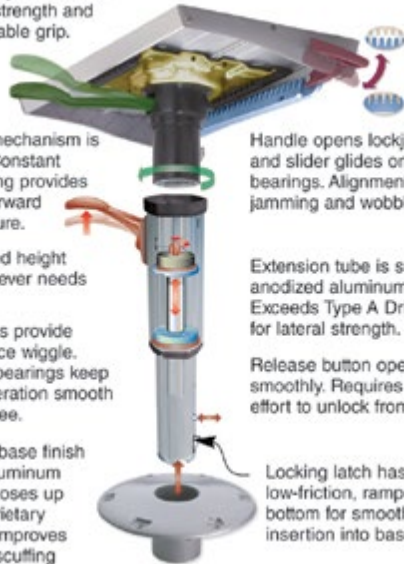
Reinforced polymer handle is thicker for strength and more comfortable grip.

Seat mount mechanism is redesigned. Constant pressure spring provides continuous forward locking pressure.

Cable-actuated height mechanism never needs adjustment.

Linear grooves provide support, reduce wiggle. Acetal linear bearings keep the whole operation smooth and wobble free.

Bead-blasted base finish pounds the aluminum surface and closes up porosity. Proprietary clear-coating improves resistance to scuffing and corrosion.

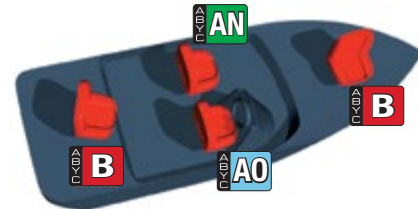
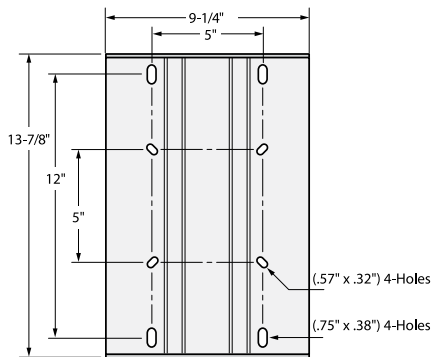


Handle opens lockjaw gears... and slider glides on acetal linear bearings. Alignment tracks eliminate jamming and wobbling.

Extension tube is super-hard anodized aluminum alloy. Exceeds Type A Driver requirements for lateral strength.

Release button operates smoothly. Requires less effort to unlock from base.

Locking latch has low-friction, ramped bottom for smooth insertion into base.



- AO** Blue "AO" = Type A/Operator OK for Helm/Driver position
- AN** Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position
- B** Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph



Swivl-Eze 238 Pedestal Kits

Attwood's 2-3/8" pedestal kit is strong, durable, and corrosion resistant. The kit includes a 360 degree swivel seat mount, removable extension post, and 9" base. Available in satin aluminum or Realtree MAX-4 Camouflage.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

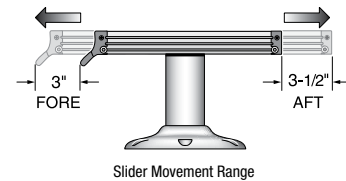


| Description | ABYC Code | Req. Dia. Mounting Hole | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|-------------------------|----------------|---------|-----------------------|---------|
| BASE PLATE: 9", SEAT MOUNT 5" X 5" ON CENTER | | | | | | |
| Pedestal Kit with 9" Satin Post | A0 | 3" | — | | 23809-7 | * |
| Pedestal Kit with 11" Satin Post | A0 | 3" | — | | 23811-7 | * |
| Pedestal Kit with 13" Satin Post | A0 | 3" | — | | 23813-7 | * |
| Pedestal Kit with 15" Satin Post | A0 | 3" | — | | 23815-7 | * |

238 Series Seat Mounts

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|-----------------|---------|-----------------------|---------|
| SEAT MOUNTS WITHOUT SLIDER | | | | | |
| Stainless Steel, 3° Tilt, Left Handle | A0 | 238141-1 | | — | |
| Stainless Steel, 3° Tilt, Right Handle | A0 | 238142-1 | | 238142-7 | |
| Plated Steel, 0° Tilt, Left Handle | A0 | 238150-1 | | — | |
| Plated Steel, 3° Tilt, Left Handle | A0 | 238151-1 | | — | |
| Plated Steel, 3° Tilt, Right Handle | A0 | 238152-1 | | 238152-7 | |
| Plated Steel, 3° Tilt, Forward Handle | A0 | 238153-1 | | 238153-7 | |
| SEAT MOUNTS WITH ALUMINUM SLIDER | | | | | |
| Plated Steel, 3° Tilt, Right Handle | A0 | 238162-1 | | 238162-4 | * |
| Plated Steel, 0° Tilt, Right Handle | A0 | 238164-1 | | — | |



238 Series Pedestals & Extension Posts

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|----------------|---------|-----------------------|---------|
| FIXED HEIGHT BELL PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 8" Height | AO | 238908-1 | — | — | — |
| 11" Height | AO | 238911-1 | * | — | — |
| 12" Height | AO | 238912-1 | * | — | — |
| 13" Height | AO | 238913-1 | — | — | — |
| 15" Height | AO | 238915-1 | — | — | — |
| FIXED HEIGHT EXTENSION POSTS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 8" Height | AO | 238608-1 | * | — | — |
| 9" Height | AO | 238609-1 | * | — | — |
| 10" Height | AO | 238610-1 | * | 238610-3 | * |
| 11" Height | AO | 238611-1 | * | — | — |
| 12" Height | AO | 238612-1 | * | 238612-3 | * |
| 13" Height | AO | 238613-1 | * | 238613-3 | * |
| 14" Height | AO | 238614-1 | * | — | — |
| 15" Height | AO | 238615-1 | * | 238615-3 | * |
| 17" Height | AO | 238617-1 | * | — | — |
| 25" Height | AO | 238625-1 | * | — | — |
| 30" Height | B | 238630-1 | — | — | — |
| | B | 238630L1 | — | — | — |
| PRO-POLE EXTENSION POSTS** - TYPE "B" (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 27" Height | B | 238027-1 | — | 238027-3 | — |
| ADJUSTABLE HEIGHT POWER PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 13" to 16-1/2" Height | AO | 238512-1 | — | 238512-4 | — |
| 19-1/2" to 23" Height | AO | 238522-1 | — | 238522-4 | * |



238908



238609



238617



238512



238312



238322



238352



238333



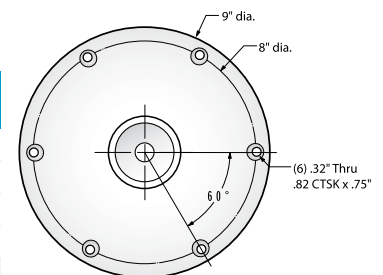
238300

238 Series Socket Bases

Bases are interchangeable between LakeSport 238 Series and 238 Series.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Req. Dia. Mounting Hole | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|-------------------------|----------------|---------|-----------------------|---------|
| Aluminum 9" Round, Clear Coat Finish | AO | 3" | 238312-1 | — | 238312-2 | — |
| Aluminum 9" D-Shaped, Clear Coat Finish | AO | 3" | 238322-1 | — | — | — |
| Stainless Steel, 7" x 7", Square, Centered Hole | AO | 3" | 238333-1 | * | — | — |
| Aluminum 9" Cut Both Sides, Clear Coat Finish | AO | 3" | 238352-1 | — | — | — |
| 238 SERIES SOCKET BASE SPLASH GUARD | | | | | | |
| Socket Splash Guard, Plastic | AO | — | 238300-1 | — | — | — |



LAKEPORT 238 SERIES PRODUCTS



The Swivl-Eze Difference

- These sturdy 2-3/8" diameter pedestal systems have all the strength and durability you need for years of family fishing enjoyment.
- Hard anodized aluminum pedestal tubes
- Bead blasted finish pounds the aluminum surface and closes up porosity
- All LakeSport™ 238 Series hardware is engineered to exceed ABYC standards

Type A/Operator Models lead the industry with these features:

- Ergonomic positive-locking handle with stainless steel components



- AO** Blue "AO" = Type A/Operator OK for Helm/Driver position
- AN** Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position
- B** Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

LakeSport 2-3/8" Seat Mounts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|----------------|---------|-----------------------|---------|
| SEAT MOUNTS WITHOUT SLIDER INSTALLED HEIGHT: 5/8" | | | | | |
| Aluminum, w/ Friction Control, 3° Tilt | AN | 818440 | * | — | |
| Aluminum, w/ Friction Control, 3° Tilt | AO | 818441 | * | 818441-3 | * |
| SEAT MOUNTS WITH ALUMINUM SLIDER INSTALLED HEIGHT: 1" | | | | | |
| Aluminum, w/ Friction Control, 3° Tilt | AO | 828461 | * | — | |

LakeSport 2-3/8" Extension Posts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

For LakeSport seat mounts only

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|-----------------|---------|-----------------------|---------|
| FIXED HEIGHT EXTENSION POSTS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 10" Height, Anodized Finish | AN | 238610L1 | * | — | |
| 11" Height, Anodized Finish | AN | 238611L1 | * | — | |
| 13" Height, Anodized Finish | AN | 238613L1 | * | — | |



LakeSport 2-3/8" Seat Pedestals

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



238813LSM



238911L



238909LSM1



2385400



2385405

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|-------------------|---------|-----------------------|---------|
| HYDRAULIC POWER PEDESTALS W/ SEAT MOUNT (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 12" – 15" Adjustable Height, Anodized Finish | AO | 238813LSM1 | * | — | |
| 25" – 32" Adjustable Height, Anodized Finish | B | 238833LSM1 | * | — | |
| FIXED HEIGHT BELL PEDESTALS (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 11" Height | AO | 238911L1 | * | — | |
| 13" Height | AO | 238913L1 | | — | |
| FIXED HEIGHT BELL PEDESTALS W/ SEAT MOUNT (HEIGHT MEASURED FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 9" Height | AN | 238909LSM1 | * | — | |
| 13" Height | AN | 238913LSM1 | * | — | |
| 16" Height | AN | 238916LSM1 | * | — | |
| ADJUSTABLE HEIGHT BELL PEDESTALS W/ SEAT MOUNT, MANUAL (HEIGHT FROM DECK TO TOP OF SEAT MOUNT) | | | | | |
| 14"-20" Adjustable Height, Anodized | AN | — | | 2385400 | * |
| 12-1/2"-15-1/2" Adj. Height, J-Slot, Anodized | AO | — | | 2385405 | * |



238312



238322



238352



238333



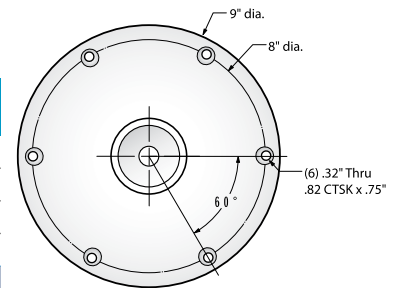
238300

LakeSport 2-3/8" Socket Bases

Bases are interchangeable between LakeSport 238 Series and 238 Series.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Req. Dia. Mounting Hole | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|-------------------------|-----------------|---------|-----------------------|---------|
| Aluminum 9" Round, Clear Coat Finish | AO | 3" | 238312-1 | | 238312-2 | |
| Aluminum 9" D-Shaped, Clear Coat Finish | AO | 3" | 238322-1 | | — | |
| Stainless Steel, 7" x 7", Square, Centered Hole | AO | 3" | 238333-1 | * | — | |
| Aluminum 9" Cut Both Sides, Clear Coat Finish | AO | 3" | 238352-1 | * | — | |
| 238 SERIES SOCKET BASE SPLASH GUARD | | | | | | |
| Socket Splash Guard, Plastic | AO | — | 238300-1 | | — | |



WEDGE 2" & 2-3/8" PRODUCTS



Wedge shaped components slide in for a snug, stable fit

- Type B mounts are not designed to "lock" into post
- Engineered to prevent unintentional detachment

Posts

- Heavy-duty bushing with peripheral bearing system and exclusive "crush ribs" are individually sized for exact fit
- Pedestals come in a few lengths, including patented "J-Slot" adjustable height
- Locking tab positively locks post to base
- Wedge™ bushing locks in with a tight, solid fit
- 2-Point stainless steel riveting strengthens the bushing

Bases

- Strong base design has reinforcing ribs and improved profile to withstand the toughest conditions
- Bead blasting closes aluminum porosity. Brushing process provides long-lasting high-sheen finish

Not recommended to interchange with other manufacturers' products



Blue "AO" = Type A/Operator OK for Helm/Driver position

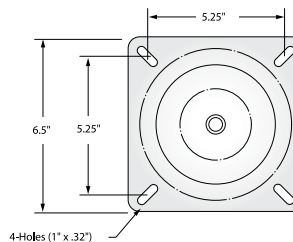
Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position

Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

Wedge 2" Seat Mounts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Installed Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|------------------|----------------|---------|-----------------------|---------|
| Cast Aluminum, Black E-Coat Steel, 3° Tilt | B | 3" | — | | SP-18914 | * |



Wedge 2" Extension Posts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|------------------------------|-----------|----------------|---------|-----------------------|---------|
| 2" FIXED HEIGHT POSTS | | | | | |
| 11" Satin Anodized | B | — | | SP-28911 | * |
| 13" Satin Anodized | B | — | | SP-28913 | * |

Wedge 2-3/8" Extension Posts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|---|-----------|----------------|---------|-----------------------|---------|
| 2-3/8" ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS (W / INTEGRAL SEAT MOUNT) | | | | | |
| 14" - 20" Satin Anodized | B | — | | SP-37904 | * |
| 24" to 30" Satin Anodized | B | — | | SP-37914 | * |



Wedge 2" Base Plates

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Req. Dia. Mounting Hole | Depth Below Deck | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|----------------------------|-----------|-------------------------|------------------|----------------|---------|-----------------------|---------|
| 9" Round, Brushed Aluminum | AO | 3.25" | 2" | — | | SP-68914 | * |



SNAP-LOCK 1.77" PRODUCTS



Get the lock on quality. The 1.77" group delivers a great combination of value and performance

- All Snap-Lock series components snap and hold together
- Posts are sturdy bright-anodized aluminum
- Seat mounts are E-coated for superior corrosion-resistance
- Available in wide choice of bases, sizes and materials

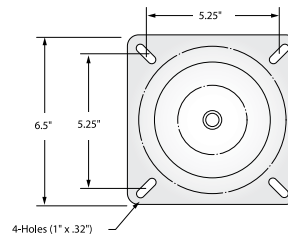


Blue "AO" = Type A/Operator OK for Helm/Driver position
 Green "AN" = Type A/Non-Operator Not to be used at Helm/Driver position
 Red "B" = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

The Swivl-Eze Difference

- Seat mounts have been designed to permanently lock into the post in any swiveling position
- Meets ABYC H31.6.1
- All posts include a larger locking clip with a metal insert that allows the posts to lock into bases for added safety. Just press the button to release.
- Both the snap-lock and locking clip are engineered to prevent unintentional detachment
- Posts are sized on both ends for a precision fit

Not recommended to interchange with other manufacturers' products



Snap-Lock 1.77" Seat Mounts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Installed Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------------|-----------|------------------|----------------|---------|-----------------------|---------|
| Black E-Coat Steel, 3° Tilt | AN | 2" | 19000 | * | SP-19000 | * |



Snap-Lock 1.77" Posts

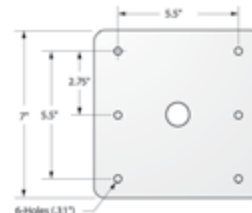
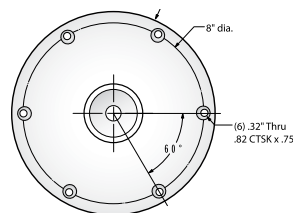
* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|----------------|---------|-----------------------|---------|
| FIXED HEIGHT POSTS | | | | | |
| 13 H, Clear Anodized | B | 29130 | * | SP-29130 | * |
| ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS WITH INTEGRAL SEAT MOUNTS | | | | | |
| 16-20" H, Clear Anodized | B | 39004 | * | SP-39004 | * |
| 24"-30" H, Pro-Post, Clear Anodized | B | 39204 | * | SP-39204 | * |



39004

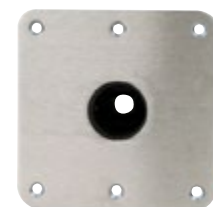
Snap-Lock 1.77" Base Plates



67904

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Req. Dia. Mounting Hole | Depth Below Deck | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--------------------------|-----------|-------------------------|------------------|----------------|---------|-----------------------|---------|
| 7" x 7", Stainless Steel | AO | 2.75" | 3" | 69773 | * | SP-69773 | * |
| 9" Round, Aluminum | AO | 2.5" | 3" | 67904 | * | SP-67904 | * |

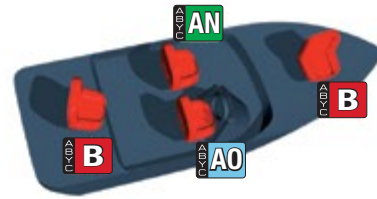


69773



LOCK'N-PIN 3/4" PIN PRODUCTS

LOCK'N-PIN™



Blue 'AO' = Type A/Operator OK for Helm/Driver position



Green 'AN' = Type A/Non-Operator Not to be used at Helm/Driver position



Red 'B' = Type B Slow Speed Not to be used at Helm/Driver position For speeds not to exceed 5 mph

Swivl-Eze is the #1 supplier of 3/4" pin seating hardware. Here's why:

- The 3/4" system gives you outstanding economical performance
- The design is proven by decades of experience
- Posts are available as fixed, manually adjustable or power adjustable
- Seat mounts, posts and bases are available in steel, aluminum or stainless steel

The Swivl-Eze Difference

- The patented Lock'N-Pin system leads the industry in safety
- Lock'N-Pin prevents unintentional detachment for seat mounts, posts and bases
- Lock'N-Pin products exceed ABYC Standard H31.6.1

Not recommended to interchange with other manufacturers' products

Lock'N-Pin 3/4" Pedestal Packages

Includes Brushed aluminum post, black E-coated seat mount with Spring & Base Plate.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Post | Seat Mount | Base Plate | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|--------|------------|------------|----------------|---------|-----------------------|---------|
| 11" Post, 7"x7" SS Base Plate, Non-Threaded | B | 2114 | 1002 | 67739 | — | | 97739 | * |
| 11" Post, 7"x7" SS Base Plate, Threaded | B | 2114-T | 1002 | 67739-T | — | | 97739-T | * |
| 13" Post, 7"x7" SS Base Plate, Threaded | B | 2134-T | 1002 | 67739-T | — | | 977339-T | * |
| Brushed Aluminum Finish Kit, 11" Post, 7"x7" Aluminum Base Plate, Non-Threaded | B | 2114 | 1002 | 67749 | — | | 97749-7 | * |
| Camouflage Finish Kit, 11" Post, 7"x7" Aluminum Base Plate, Non-Threaded | B | 2114 | 1002 | 67749 | — | | 97749C-7 | * |



97749-7

97749C-7

Lock'N-Pin 3/4" Pin Seat Mounts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Installed Height | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|------------------|----------------|---------|-----------------------|---------|
| Black E-Coated, 3° Tilt, 2-3/4" Steel Pin, w / Spring | B | 2" | 1002 | * | SP-1002 | * |
| Black E-Coated, 3° Tilt, 2-1/2" Steel Pin | B | 1" | 1002-S | * | — | |
| All Stainless Steel, 3° Tilt, 2-3/4" Stainless Steel Pin | B | 1" | 1002-SS | * | — | |
| Cast Aluminum, 3° Tilt, 3" Stainless Steel Pin | B | 1" | 1063 | * | — | |



1002



1002-SS

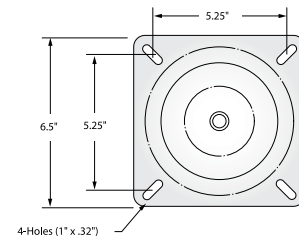
Swivl-Eze 075 Pedestal Kits

Take the confusion out of buying pedestals with these convenient 3/4" pin kits. Kits include seat mount, post and 7" x 7" base. Simply choose the appropriate post height and finish.

Attwood's 3/4" pin kit is corrosion resistant, features a 360 degree swivel, a shock absorbing spring, and a removable pin post. Lock N' Pin technology features an all steel pin, increasing pedestal strength and durability. Available in brushed aluminum or Realtree MAX-4 camouflage.

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|----------------|---------|-----------------------|---------|
| BASE PLATE: 7" x 7", SEAT MOUNT 5-1/4" X 5-1/4" ON CENTER Add 3" to post height to get total height, measured from deck to seat | | | | | |
| 13" Brushed Aluminum Post | B | — | | 97750-7 | * |
| 13" Realtree MAX-4 Camouflage Post | B | — | | 97750C-7 | * |



Lock'N-Pin 3/4" Pin Posts

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | ABYC Code | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|----------------|---------|-----------------------|---------|
| FIXED HEIGHT POSTS | | | | | |
| 6" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 2064 | * | — | |
| 11" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 2114 | * | SP-2114 | * |
| 11" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 2114-T | * | SP-2114-T | * |
| 13" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 2134 | * | SP-2134 | * |
| 13" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 2134-T | * | SP-2134-T | * |
| 13" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, SS Pin | B | 2134-SS | * | — | |
| 13" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, SS Pin | B | 2134-T-SS | * | — | |
| 13" Hgt, 1.5" Dia., Polished SS, Offset Post 6", Threaded, SS Pin | B | 7153-T-SS | * | SP-7153-T-SS | * |
| 16" Hgt, 1.5" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 2164 | * | SP-2164 | * |
| 16" Hgt, 1.5" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 2164-T | * | SP-2164-T | * |
| 24" Hgt, 1.5" Dia., Brushed Aluminum, Pro-Post, Non-Threaded, Steel Pin | B | 2244 | * | SP-2244 | * |
| ADJUSTABLE HEIGHT POSTS - MANUAL | | | | | |
| 25"-31" Hgt, 1.5" Dia., Brushed Alum., Pro-Post, Non-Thread, Steel Pin | B | 2244-ADJ | * | SP-2244-ADJ | * |
| 25"-31" Hgt, 1.5" Dia., Brushed Alum., Pro-Post, Threaded, Steel Pin | B | 2244-ADJ-T | * | SP-2244-ADJ-T | * |
| ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS W/ INTEGRAL SEAT MOUNTS | | | | | |
| 14"-17" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 3004 | * | SP-3004 | * |
| 14"-17" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 3004-T | * | SP-3004-T | * |
| 24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Non-Thread., Steel Pin | B | 3204 | * | SP-3204 | * |
| 24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Threaded, Steel Pin | B | 3204-T | * | SP-3204-T | * |
| 24"-30" Hgt, 1.77" Dia., Brushed Alum., Pro-Post, Threaded, SS Pin | B | 3204-T-SS | * | — | |
| ADJUSTABLE HEIGHT POSTS - POWER PEDESTALS FOR USE WITH 3/4" PIN SEAT MOUNTS | | | | | |
| 15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 3004-R | * | SP-3004-R | * |
| 15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 3004-R-T | * | SP-3004-R-T | * |
| 15"-18" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, SS Pin | B | 3004-R-T-SS | * | — | |
| 24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Non-Threaded, Steel Pin | B | 3204-R | * | SP-3204-R | * |
| 24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, Steel Pin | B | 3204-R-T | * | SP-3204-R-T | * |
| 24"-30" Hgt, 1.77" Dia., Brushed Aluminum, Threaded, SS Pin | B | 3204-R-T-SS | * | — | |



2114-T

2114



7153-T-SS



3204-T

3004-R

2134-SS

2244-ADJ-T

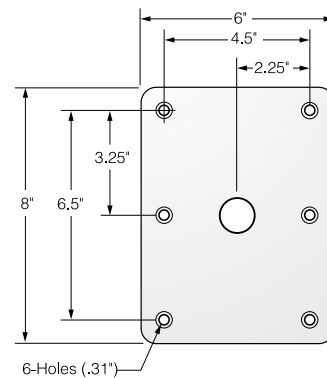
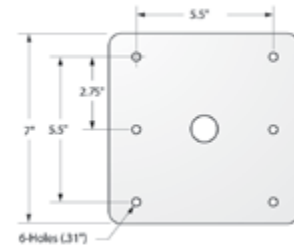


Lock'N-Pin 3/4" Pin Bases

* **WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)



| Description | ABYC Code | Req. Dia. Mounting Hole | Depth Below Deck | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|-----------|-------------------------|------------------|--------------------|---------|-----------------------|---------|
| ZINC PLATED STEEL | | | | | | | |
| 6" x 8", Non-Threaded, Bronze Bushing | B | 2.75" | 2.5" | 6682 | * | — | |
| 6" x 8", Threaded, Bronze Bushing | B | 2.75" | 3.5" | 6682-T | * | — | |
| 7" x 7", Non-Threaded, Acetal Bushing | B | 2.75" | 2.5" | 67729 | * | — | |
| 7" x 7", Threaded, Acetal Bushing | B | 2.75" | 3.5" | 67729-T | * | SP-67739-T | * |
| ALUMINUM | | | | | | | |
| 7" x 7", Non-Threaded, Acetal Bushing, Clear Coat | B | 3.5" | 2.5" | 67749 | | SP-67749 | |
| STAINLESS STEEL FINISH WITH STEEL LIP TUBE | | | | | | | |
| 3" x 4", Non-Threaded, Acetal Bushing | B | 1.5" | 2.5" | 63439 | * | — | |
| 4" x 8", Non-Threaded, Acetal Bushing | B | 1.5" | 2.5" | 64839 | * | SP-64839 | * |
| 4" x 8", Non-Threaded, Bronze Bushing | B | 1.5" | 2.5" | 6483 | * | — | |
| 4" x 8", Threaded, Bronze Bushing | B | 1.5" | 3.7" | 6483-T | * | — | |
| 6" x 8", Non-Threaded, Acetal Bushing | B | 2.75" | 2.5" | 66839 | * | SP-66839 | * |
| 6" x 8", Threaded, Bronze Bushing | B | 2.75" | 3.7" | 6683-T | * | — | |
| 6" x 12", Dual Socket, Threaded, Bronze Bushing | B | 2.75" | 3.7" | 66123-T | * | — | |
| 7" x 7", Non-Threaded, Acetal Bushing | B | 2.75" | 2.5" | 67739 | * | SP-67739 | * |
| 7" x 7", Non-Threaded, Bronze Bushing | B | 2.75" | 2.5" | 6773 | * | — | |
| 7" x 7", Threaded, Bronze Bushing | B | 2.75" | 3.5" | 6773-T | * | — | |
| 7" x 7", Threaded, Bronze Bushing, Unfinished | B | 2.75" | 3.7" | 6773-T-U | * | — | |
| 7" x 7", Offset Hole, Non-Threaded, Acetal Bushing | B | 2.75" | 2.5" | 67739-SC | * | — | |
| ALL STAINLESS STEEL | | | | | | | |
| 4" x 4", Non-Threaded, Acetal Bushing | B | 1.5" | 2.5" | 64439-SS | * | — | |
| 4" x 4", Polished, Threaded, Bronze Bushing | B | 2.75" | 3.7" | 6443-T-P-SS | * | — | |
| 7" x 7", Non-Threaded, Acetal Bushing | B | 2.75" | 2.5" | 67739-SS | * | — | |



67729



67739-SC



67749



67739-SS



66839



67739



64839



6773



ACCESSORIES

PEDESTALS, SWIVELS & ADAPTERS



Swivl-Eze has the boating experience to deliver all the accessories you want:

- Seating accessories for retrofitting and improving
- Adapters to change a post installation or swivel location
- Table mounts to make boating more convenient and enjoyable

Pedestals

Little on price, big on performance

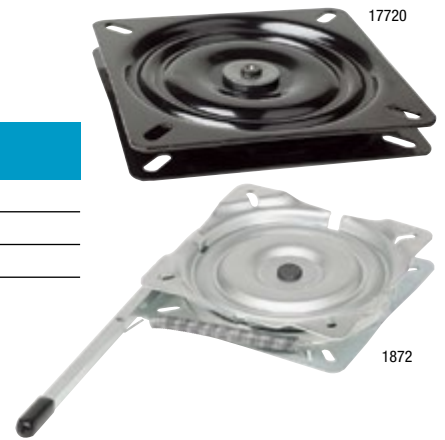
- Exceptional durability
- Reinforced welded joints
- Black powder coated for a long lasting finish



| Description | Bulk Packaging | Aftermarket Packaging |
|--|----------------|-----------------------|
| Pedestal, 7" | — | 90720 |
| Pedestal, 13" | — | 91320 |
| Adjustable Pedestal, 11-1/2" - 17-1/2" | — | 91320-ADJ |

Seat Swivels

| Description | Bulk Packaging | Aftermarket Packaging |
|---|----------------|-----------------------|
| Zinc Plated, 0° Tilt, 4-Way Locking | 1872 | — |
| Black Powder Coated, 0° Tilt, 6-1/4" (10 p/Box) | — | 17720 |
| Black Powder Coated, 3° Tilt, 7" (10 p/Box) | — | 17721 |



Seat Mounts

Bench Style Seat Mounts

- Great for mounting seats in jon boats
- Constructed of quality aluminum.
- * **WARNING** Cancer and Reproductive Harm
— www.P65Warnings.ca.gov (see page 260)

Clamp-On Boat Seat Swivel

- Adjusts from 7-1/2" - 18"
- Black powder coated swivel
- Fits most seat hole patterns

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| BENCH STYLE SEAT MOUNTS | | | | |
| Bench Style Kit: Seat Plate an 15" Rails | — | | SP-15900 | * |
| Bench Style Seat Plate Only | — | | SP-15100 | |
| Bench Style 30" Rails Only | — | | SP-15200 | * |
| CLAMP-ON BOAT SWIVEL | | | | |
| Boat Swivel | — | | 15700-3 | |



Quick Disconnect Seat Mount

Allows for easy attachment and removal of boat seats for ease in storage and care. Produced from durable engineered plastic and coated structural steel frame for years of use. Easy to install and use, mounts directly to existing seats and standard pedestals. Perfect for Jon boats, fishing boats, pontoons and more.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Quick Disconnect Seat Mount, fits 6-1/4" (15.9 cm) swivel and plates | — | | 11602D1 | * |
| Quick Disconnect Seat Mount, fits 7" (17.8 cm) swivel and plates | — | | 11603D1 | * |



11602D1



11603D1

Deck Slide

- Mounts directly to the boat deck
- 1-5/8" total height
- Constructed of strong aluminum
- Convenient front control operation

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------------------|----------------|---------|-----------------------|---------|
| Deck Mounted Seat Slide | 815000 | * | — | |



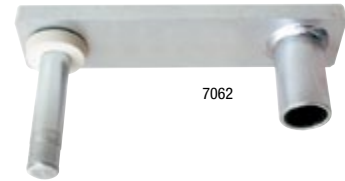
815000

Swivel-Offset

Need more room to maneuver? The 6" Swivel-Eze offset allows additional seat clearance in any position.

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging* | Prop 65 |
|---------------|----------------|---------|------------------------|---------|
| Swivel-Offset | — | | 7062-3 | * |



7062

Table Top Mount System

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|--|----------------|---------|-----------------------|---------|
| Brushed aluminum post with tension knob. Threaded for use in base. 25" | 17525 | * | — | |
| 6" diameter round stainless steel base, threaded. Flush mounts to deck. Low profile. | — | | 952 | * |

17525



952

Pedestal Pin Post Adapter

Converts 1.77" bases to accept 3/4" posts

* **⚠ WARNING** Cancer and Reproductive Harm – www.P65Warnings.ca.gov (see page 260)

| Description | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-------------|----------------|---------|-----------------------|---------|
| Adapter | — | | SP-14000 | * |



SP-14000



CUSTOM-FIT MOTOR COVERS 232



CUSTOM-FIT MERCURY® MOTOR COVERS

Show-Off Your Engine ...While You Keep it Under Cover

Custom-fit motor covers feature the Mercury logo in brilliant white against a black background. These covers protect and fit perfectly to the motors unique pattern, showing off your Mercury pride on the water and road.



Verado Only



* **WARNING** Cancer and Reproductive Harm
– www.P65Warnings.ca.gov (see page 260)

Constructed of 2-Ply Laminated Polyester

- The outer shell is tough, abrasion-resistant polyester
- Acrylic coating keeps the cover waterproof and UV-resistant
- The inside lining is a soft, non woven polyester backing that provides a cushioned barrier around the engine cowling
- A 1-inch polyweb strap in the bottom hem cinches the cover tight. Includes quick-release buckle for fast tightening and removal

Note: Construction and shape of cover may vary due to different engine styles. Mercury motor covers fit model year 2000 and newer engines.

| Engine Description | Engine Size | Bulk Packaging | Prop 65 | Aftermarket Packaging | Prop 65 |
|-----------------------|-----------------------------------|----------------|---------|-----------------------|---------|
| 4-Stroke | 8-9.9HP | — | | 105682 | * |
| 4-Stroke | 15HP, 20HP | — | | 105683 | * |
| 4-Stroke EFI | 25HP, 30HP | — | | 105676 | * |
| 4-Stroke EFI | 40HP, 50HP, 60HP | — | | 105651 | * |
| Optimax 1.5L | 75HP, 90HP, 115HP, 125HP | — | | 105635 | * |
| Optimax 2.5L | 135HP, 150HP, 175HP | — | | 105636 | * |
| 2-Stroke 2.5L V-6 EFI | 150HP, 200HP | — | | 105637 | * |
| 2.5L V-6 Carb | 150HP, 200HP | | | | |
| 4-Stroke 1.7L | 75HP, 90HP, 115HP | | | | |
| 2-Stroke | 75HP, 90HP | | | | |
| Optimax 3.0L | 200HP, 225HP, 250HP | — | | 105638 | * |
| 2-Stroke 3.0L EFI | 200HP, 225HP, 250HP | | | | |
| Verado 4-Cylinder | 135HP, 150HP, 175HP, 200HP | — | | 105648 | * |
| Verado | 200HP, 225HP, 250HP, 275HP, 300HP | — | | 105639 | * |
| 150 4-Stroke | 150HP | — | | 105762 | * |
| 2.1L | 75HP-115HP | — | | 105777 | * |
| Verado Racing 400R | 400HP | — | | 105782 | * |



All Others





BY PART NUMBER234-246
ALPHABETICAL.....247-253



INDEX

BY PART NUMBER

| | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|----------------|---------|---------|--------------|----------|--------------|----------|
| 001001667..... | 11 | | 105777..... | 232 | 11141-7..... | 157 |
| 001001668..... | 11 | | 105782..... | 232 | 11147-1..... | 157 |
| 001008199..... | 72 | | 10600-3..... | 182 | 11147-7..... | 157 |
| 001008200..... | 72 | | 10601-3..... | 182 | 11149-4..... | 157 |
| 001011094..... | 72 | | 10602-3..... | 182 | 11153-1..... | 157 |
| 1002..... | 226 | | 10603-3..... | 150, 183 | 11153-7..... | 157 |
| 1002-S..... | 226 | | 10604-3..... | 150, 183 | 11195-4..... | 157 |
| 1002-SS..... | 226 | | 10605-5..... | 182 | 11200-1..... | 159 |
| 10107..... | 166 | | 10608-3..... | 182 | 11201-1..... | 159 |
| 10108..... | 166 | | 10610-3..... | 182 | 11202-1..... | 159 |
| 1025-7..... | 102 | | 10611-3..... | 182 | 11205-1..... | 160 |
| 10309..... | 166 | | 10612-3..... | 182 | 11209-1..... | 160 |
| 10348..... | 231 | | 10613-3..... | 182 | 11209-5..... | 160 |
| 10349..... | 231 | | 10620-3..... | 182 | 11210-1..... | 160 |
| 10354..... | 231 | | 10622-3..... | 182 | 11211-1..... | 160 |
| 10355..... | 231 | | 10623-3..... | 182 | 11215-1..... | 160 |
| 10357..... | 231 | | 10624-3..... | 182 | 11216-1..... | 160 |
| 10369..... | 231 | | 10627-7..... | 183 | 11217-1..... | 160 |
| 105635..... | 232 | | 10628-7..... | 183 | 11220-3..... | 161 |
| 105636..... | 232 | | 10629-7..... | 183 | 11221-3..... | 161 |
| 105637..... | 232 | | 1063..... | 226 | 11230-1..... | 160 |
| 105638..... | 232 | | 10630-7..... | 183 | 11232-1..... | 160 |
| 105639..... | 232 | | 10633-7..... | 183 | 11246-1..... | 162 |
| 105648..... | 232 | | 10634-7..... | 183 | 11247-1..... | 162 |
| 105651..... | 232 | | 10637-5..... | 233 | 11252-1..... | 161 |
| 105676..... | 232 | | 10639-5..... | 231 | 11254-1..... | 161 |
| 105682..... | 232 | | 10707-5..... | 234 | 11260-1..... | 161 |
| 105683..... | 232 | | 10710-3..... | 233 | 11282-3..... | 162 |
| 105693BK..... | 163 | | 10796-3..... | 233 | 11283-3..... | 162 |
| 105694BK..... | 163 | | 11003-5..... | 158 | 11284-3..... | 162 |
| 105694FG..... | 163 | | 11011-7..... | 155 | 11285-3..... | 162 |
| 105694NV..... | 163 | | 11026-5..... | 115, 158 | 11305-1..... | 159 |
| 105694RB..... | 163 | | 11029-6..... | 155 | 11310-1..... | 159 |
| 105694RD..... | 163 | | 11054-6..... | 164 | 11315-1..... | 160 |
| 105694SV..... | 163 | | 11057-3..... | 164 | 11317-1..... | 160 |
| 105695BK..... | 163 | | 11090-3..... | 163 | 11319-1..... | 160 |
| 105695FG..... | 163 | | 11107-7..... | 164 | 11360-1..... | 161 |
| 105695NV..... | 163 | | 11108-7..... | 164 | 11361-1..... | 161 |
| 105695RB..... | 163 | | 11110-7..... | 164 | 11362-1..... | 161 |
| 105695RD..... | 163 | | 11124-6..... | 164 | 11363-1..... | 161 |
| 105695SV..... | 163 | | 11126-4..... | 156 | 11364-1..... | 161 |
| 105696BK..... | 163 | | 11127-4..... | 156 | 11368-3..... | 162 |
| 105696FG..... | 163 | | 11130-7..... | 156 | 11370-1..... | 162 |
| 105696NV..... | 163 | | 11136-1..... | 157 | 11370-7..... | 125 |
| 105696RB..... | 163 | | 11136-7..... | 157 | 11371-1..... | 162 |
| 105696RD..... | 163 | | 11137-1..... | 157 | 11372-1..... | 162 |
| 105696SV..... | 163 | | 11137-7..... | 157 | 11401-4..... | 156 |
| 105762..... | 232 | | 11138-1..... | 157 | 11404-6..... | 125, 187 |
| | | | 11138-7..... | 157 | 11434-3..... | 162 |
| | | | 11141-1..... | 157 | 11436-3..... | 162 |
| | | | | | 11437-7..... | 152 |
| | | | | | 11438-7..... | 152 |
| | | | | | 11440-2..... | 156 |
| | | | | | 11441-4..... | 152 |
| | | | | | 11446-1..... | 24 |
| | | | | | 11475-1..... | 128 |
| | | | | | 11475-3..... | 128 |
| | | | | | 11477-3..... | 128 |
| | | | | | 11478-7..... | 128 |
| | | | | | 11510-5..... | 107 |
| | | | | | 11512-3..... | 91 |
| | | | | | 11524-1..... | 22 |
| | | | | | 11524-3..... | 22 |
| | | | | | 11526-3..... | 91 |
| | | | | | 11551-5..... | 14 |
| | | | | | 11556L3..... | 107 |
| | | | | | 11557L3..... | 107 |
| | | | | | 11574-4..... | 12 |
| | | | | | 11575-3..... | 107 |
| | | | | | 11586-4..... | 24 |
| | | | | | 11591-3..... | 24 |
| | | | | | 11592-3..... | 24 |
| | | | | | 11595-2..... | 13, 147 |
| | | | | | 11596-2..... | 13, 147 |
| | | | | | 11602D1..... | 230 |
| | | | | | 11603D1..... | 230 |
| | | | | | 11631-4..... | 132 |
| | | | | | 11635-4..... | 132 |
| | | | | | 11654-1..... | 132 |
| | | | | | 11654-3..... | 132 |
| | | | | | 11661-1..... | 132 |
| | | | | | 11661-3..... | 132 |
| | | | | | 11664-3..... | 93 |
| | | | | | 11670-4..... | 132 |
| | | | | | 11672-4..... | 132 |
| | | | | | 11700-2..... | 114 |
| | | | | | 11701-7..... | 110 |
| | | | | | 11702-7..... | 112 |
| | | | | | 11703-7..... | 112 |
| | | | | | 11704-2..... | 113 |
| | | | | | 11705-7..... | 110 |
| | | | | | 11706-7..... | 110 |
| | | | | | 11707-7..... | 109 |
| | | | | | 11708-1..... | 109 |
| | | | | | 11709-1..... | 109 |
| | | | | | 11710-2..... | 113 |
| | | | | | 11711-7..... | 110 |
| | | | | | 11712-7..... | 115 |
| | | | | | 11713-2..... | 113 |
| | | | | | 11714-2..... | 109 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 11715-7..... | 110 | 117604-7..... | 110 | 11808-2..... | 147 | 11930-4..... | 153 |
| 11716-1..... | 109 | 117605-7..... | 110 | 118089-7..... | 128 | 11940-1..... | 147 |
| 11717-2..... | 114 | 117607-7..... | 110 | 118090-7..... | 128 | 11940-2..... | 147 |
| 11718-2..... | 114 | 117608-7..... | 110 | 118091-7..... | 128 | 11941-2..... | 147 |
| 11719-2..... | 114 | 117609-7..... | 111 | 118092-7..... | 128 | 11942-7..... | 146 |
| 11720-2..... | 113 | 11761-1..... | 144 | 11810-5..... | 107 | 11943-7..... | 150 |
| 11721-2..... | 113 | 117611-7..... | 111 | 11820-7..... | 92 | 11944-7..... | 146 |
| 11722-2..... | 109 | 117612-7..... | 111 | 11822-6..... | 78 | 11946-6..... | 148 |
| 11723-7..... | 109 | 117613-7..... | 111 | 11823-6..... | 78 | 11947-6..... | 148 |
| 11724-1..... | 109 | 117614-7..... | 111 | 11824-6..... | 78 | 11950-6..... | 151 |
| 11725-2..... | 109 | 117616-7..... | 111 | 11828-1..... | 146 | 11951-6..... | 151 |
| 11726-2..... | 114 | 117617-7..... | 111 | 11829-6..... | 130 | 11952-7..... | 151 |
| 11727-2..... | 112 | 117619-7..... | 111 | 11830-2..... | 130 | 11953-4..... | 153 |
| 11728-2..... | 112 | 11762-1..... | 144 | 11831-2..... | 130 | 11954-2..... | 149 |
| 11729D5..... | 112 | 117621-7..... | 111 | 11834-1..... | 133 | 11964-1..... | 101 |
| 11730-7..... | 106, 112 | 11763-1..... | 145 | 11840-7..... | 92 | 11966-1..... | 101 |
| 11731-1..... | 107 | 11764-1..... | 144 | 11841-4..... | 92 | 11968-1..... | 101 |
| 11731L3..... | 107 | 11765-1..... | 144 | 11843-7..... | 113 | 11969-4..... | 101 |
| 11732-7..... | 112 | 11766-1..... | 145 | 11844-7..... | 113 | 11970-7..... | 113 |
| 11733-7..... | 110 | 11768-2..... | 145 | 11845-1..... | 132 | 11971-7..... | 113 |
| 11734-1..... | 109 | 117680-7..... | 110 | 11848-4..... | 118 | 11975-7..... | 113 |
| 11736-7..... | 109 | 117681-7..... | 110 | 11849-2..... | 133 | 11976-7..... | 113 |
| 11737-7..... | 112 | 117682-7..... | 110 | 11850-2..... | 133 | 11979-7..... | 113 |
| 11739-2..... | 115, 158 | 117684-7..... | 111 | 11851-2..... | 133 | 11980-7..... | 113 |
| 11741-7..... | 109 | 117686-7..... | 111 | 11852-7..... | 132 | 12000..... | 185 |
| 11742-7..... | 109 | 117689-7..... | 111 | 11857-1..... | 159 | 12000-3..... | 185 |
| 11749-7..... | 112 | 117690-7..... | 111 | 11861-6..... | 141 | 12009-3..... | 174 |
| 11750-7..... | 112 | 117694-7..... | 111 | 11862-6..... | 141 | 12044-6..... | 155 |
| 11752-7..... | 112 | 117703-7..... | 111 | 11863-7..... | 141 | 12048-4..... | 106 |
| 117523-7..... | 111 | 11772-1..... | 144 | 11865-4..... | 127 | 12049-4..... | 106 |
| 117524-7..... | 111 | 11775-5..... | 148 | 11866-6..... | 130 | 12075HD..... | 185 |
| 117525-7..... | 111 | 11776-5..... | 148 | 11871-7..... | 125 | 12081HD..... | 185 |
| 11753-7..... | 115 | 11778-2..... | 148 | 11873-1..... | 92 | 12100-1..... | 174 |
| 117553-7..... | 103, 114 | 11780-6..... | 146 | 11875-7..... | 130 | 12100L3..... | 174 |
| 11756-2..... | 145 | 11781-7..... | 150 | 11880-1..... | 159 | 12102-1..... | 174 |
| 11756-4..... | 149 | 11782-7..... | 151 | 11881-1..... | 159 | 12102L3..... | 174 |
| 117561-2..... | 114 | 11783-7..... | 151 | 11882-1..... | 160 | 12110-1..... | 174 |
| 117563-7..... | 110 | 11786B-1..... | 132 | 11887-2..... | 134 | 12111L3..... | 174 |
| 117564-7..... | 110 | 11786B-7..... | 132 | 11889D1..... | 130 | 12112-1..... | 174 |
| 117565-7..... | 111 | 11786W-1..... | 132 | 11891D7..... | 93 | 12113L3..... | 174 |
| 117566-7..... | 111 | 11786W-7..... | 132 | 11894-2..... | 134 | 12114-1..... | 174 |
| 117567-7..... | 111 | 11787-1..... | 132 | 11895-1..... | 134 | 12115L3..... | 174 |
| 117568-7..... | 110 | 11788-1..... | 132 | 11896-1..... | 134 | 12120-1..... | 174 |
| 11757-2..... | 145 | 11789-1..... | 132 | 11897-2..... | 134 | 12121-3..... | 174 |
| 117576-7..... | 110 | 11789W1..... | 132 | 11900-4..... | 137 | 12124-1..... | 174 |
| 11758-2..... | 145 | 11789WD1..... | 132 | 11901-4..... | 137 | 12125-3..... | 174 |
| 11759-1..... | 144 | 11792-6..... | 115 | 11909-7..... | 147 | 12126-1..... | 174 |
| 11760-1..... | 144 | 11794-7..... | 129 | 11912-5..... | 147 | 12127-3..... | 174 |
| 117601-7..... | 110 | 11798-6..... | 152 | 11921-5..... | 151 | 12152-3..... | 150, 191 |
| 117602-7..... | 110 | 11802-5..... | 133 | 11922-5..... | 151 | 12261L3..... | 190 |
| 117603-7..... | 110 | 11807-2..... | 124 | 11926-7..... | 151 | 12303-3..... | 190 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|---------|----------|------------|----------|---------|---------|---------|---------|
| 12305-3 | 190 | 12959L3 | 150, 183 | 14215-6 | 137 | 1439-1 | 28 |
| 12319-3 | 191 | 12988-1 | 150, 183 | 1423-1 | 27 | 1439F1 | 28 |
| 12353-3 | 190 | 12989-3 | 150, 183 | 1423-5 | 27 | 14507-6 | 76 |
| 12355-3 | 190 | 13055-4 | 131 | 14230-3 | 137 | 14509-6 | 77 |
| 12357-3 | 190 | 13065-4 | 131 | 14233-7 | 137 | 14527-6 | 77 |
| 12401L3 | 102 | 13066-7 | 131 | 14234-3 | 138 | 14530-6 | 76 |
| 12403L3 | 102 | 1329-1 | 186 | 14234-7 | 137 | 14532-6 | 76 |
| 12405L3 | 102 | 1329-3 | 186 | 14236-3 | 138 | 14534-6 | 76 |
| 12407L3 | 102 | 1341-1 | 27 | 14241-6 | 139 | 14540-6 | 78 |
| 12409L3 | 102 | 1342-1 | 27 | 1425-1 | 27 | 14580-1 | 91 |
| 12412-1 | 190 | 1343-1 | 26 | 1425-5 | 27 | 14582-1 | 91 |
| 12413L3 | 190 | 1345-1 | 27 | 14253-3 | 139 | 14584D1 | 92, 124 |
| 12415L3 | 190 | 1348-1 | 28 | 14255-3 | 139 | 1471-1 | 120 |
| 12419L3 | 190 | 1352-1 | 28 | 14258-6 | 137 | 1471W1 | 120 |
| 12460-1 | 189 | 1353-1 | 28 | 14258B1 | 137 | 1472-1 | 120 |
| 12562-6 | 92 | 1364A1 | 28 | 14258R1 | 137 | 1472W1 | 120 |
| 12564-7 | 92 | 1364A3 | 28 | 1426-1 | 27 | 1476-1 | 120 |
| 12680-1 | 127 | 13700-7 | 102 | 1426-5 | 27 | 1476W1 | 120 |
| 12680-3 | 127 | 13702-4 | 102 | 14262-1 | 141 | 1477-1 | 120 |
| 12700-5 | 121 | 13710-4 | 103 | 14262-6 | 141 | 1477W1 | 120 |
| 12701-1 | 121 | 13753-7 | 102 | 14263-1 | 141 | 1478-1 | 120 |
| 12701-5 | 121 | 13762-7 | 102 | 14263-6 | 141 | 1478W1 | 120 |
| 12703D1 | 121 | 13764-4 | 102 | 14264-1 | 141 | 1479-1 | 120 |
| 12704-1 | 121 | 14017-3 | 155 | 14264-6 | 141 | 1481-1 | 120 |
| 12704-2 | 121, 149 | 14020-3 | 155 | 14267-3 | 141 | 1481W1 | 120 |
| 12708-2 | 122 | 1405-1 | 28 | 14268-1 | 141 | 1482-1 | 120 |
| 12708D1 | 122 | 1405-3 | 28 | 14268-6 | 141 | 1482W1 | 120 |
| 12750-6 | 122 | 14060-7 | 154 | 14292-3 | 14 | 1483-1 | 120 |
| 12760-7 | 122 | 14061-6 | 154 | 14341-3 | 138 | 1483W1 | 120 |
| 12761-7 | 122 | 14062-6 | 154 | 14342-3 | 138 | 1487A1 | 26 |
| 12772-2 | 123 | 14063-7 | 154 | 14343-3 | 138 | 1487B1 | 26 |
| 12773-2 | 123 | 14064-7 | 154 | 14344-3 | 138 | 1488-1 | 26 |
| 12774-2 | 123 | 14064LH-7 | 154 | 14345-1 | 138 | 1488-5 | 26 |
| 12790-1 | 148, 189 | 14064RH-7 | 154 | 14345-3 | 138 | 1493-1 | 26 |
| 12790-3 | 148, 189 | 14065-7 | 154 | 14346-6 | 138 | 1493-5 | 26 |
| 12791-1 | 148, 189 | 14066-7 | 154 | 14347-6 | 138 | 1494A1 | 27 |
| 12791-3 | 148, 189 | 14133-6 | 155 | 14348-6 | 138 | 1494A5 | 27 |
| 12792-1 | 148, 189 | 14136-6 | 134 | 14350-3 | 140 | 1494F1 | 27 |
| 12792-5 | 148, 189 | 14137-7 | 134 | 14352-3 | 140 | 1495-1 | 27 |
| 12793-1 | 148, 189 | 14141-7 | 127 | 14359-6 | 142 | 1495A1 | 27 |
| 12793-5 | 148, 189 | 14142-7 | 127 | 14360-6 | 142 | 1495B1 | 27 |
| 12794-1 | 148, 189 | 14185XFS-7 | 57 | 14361-5 | 142 | 1495B5 | 27 |
| 12820-5 | 91 | 14187XFS-7 | 57 | 14365-6 | 140 | 1499-1 | 26 |
| 12822-5 | 91 | 14190-7 | 57, 129 | 14366-6 | 140 | 1499-5 | 26 |
| 12889L3 | 190 | 14191-7 | 57, 129 | 14367-6 | 140 | 15201-1 | 168 |
| 12891L3 | 190 | 14192-7 | 57, 129 | 14370-6 | 142 | 15201-7 | 168 |
| 12893L3 | 190 | 14193-7 | 57, 129 | 14371-6 | 142 | 15220-1 | 167 |
| 12895-1 | 190 | 14194-7 | 57, 129 | 14372-7 | 142 | 15220-7 | 167 |
| 12895L3 | 190 | 14195-7 | 57, 129 | 1438-1 | 28 | 15221-1 | 167 |
| 12955L3 | 150, 183 | 14196-7 | 57, 129 | 14386-3 | 139 | 15221-7 | 167 |
| 12957L3 | 150, 183 | 14197-7 | 57, 129 | 1438F1 | 28 | 15222-1 | 167 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|---------|---------|------------|----------|-------------|---------|-----------------|----------|
| 15222-7 | 167 | 2027-7 | 189 | 238512-1 | 221 | 278A03AM-1 | 218 |
| 15223-1 | 167 | 2028-1 | 189 | 238512-4 | 221 | 278A03PGL-1 | 218 |
| 15223-7 | 167 | 2050-1 | 188 | 238522-1 | 221 | 278A03PM-1 | 218 |
| 15230-1 | 166 | 2050-5 | 188 | 238522-4 | 221 | 278AOBT050-LP-1 | 218 |
| 15230-7 | 166 | 2052-1 | 188 | 2385400 | 221 | 278AOGY060-1 | 218 |
| 15231-1 | 166 | 2053-1 | 188 | 2385405 | 221 | 278AOGY070-1 | 218 |
| 15231-7 | 166 | 2053-5 | 188 | 238608-1 | 221 | 278AOGY080-1 | 218 |
| 15232-1 | 166 | 2054-1 | 188 | 238609-1 | 221 | 278AOGY090-1 | 218 |
| 15232-7 | 166 | 2054-5 | 188 | 238610-1 | 221 | 278AOGY100-1 | 218 |
| 15233-1 | 166 | 2061-1 | 188 | 238610-3 | 221 | 278AOGY110-1 | 218 |
| 15233-7 | 166 | 2061-5 | 188 | 238610L1 | 222 | 278AOGY120-1 | 218 |
| 15234-1 | 166 | 2064 | 227 | 238611-1 | 221 | 278AOGY130-1 | 218 |
| 15234-7 | 166 | 2070-1 | 188 | 238611L1 | 222 | 278AOGY150-1 | 218 |
| 15240-1 | 167 | 2080-1 | 188 | 238612-1 | 221 | 278AOP0912-BD-1 | 218 |
| 15240-7 | 167 | 2114 | 227 | 238612-3 | 221 | 278AOP1215-1 | 218 |
| 15241-1 | 167 | 2114-T | 227 | 238613-1 | 221 | 278AOP1519-1 | 218 |
| 15241-7 | 167 | 2134 | 227 | 238613-3 | 221 | 278AOP1923-1 | 218 |
| 15700-3 | 229 | 2134-SS | 227 | 238613L1 | 222 | 278AOZAGL-1 | 218 |
| 1607-1 | 98 | 2134-T | 227 | 238614-1 | 221 | 278AOZAGS-1 | 218 |
| 1607-3 | 98 | 2134-T-SS | 227 | 238615-1 | 221 | 278AOZAM-1 | 218 |
| 1607A1 | 98 | 2164 | 227 | 238615-3 | 221 | 278AOZPGL-1 | 218 |
| 1615-1 | 98 | 2164-T | 227 | 238617-1 | 221 | 2906-1 | 103, 126 |
| 16205-2 | 93 | 2244 | 227 | 238625-1 | 221 | 2906-3 | 103, 126 |
| 16205-5 | 93 | 2244-ADJ | 227 | 238630-1 | 221 | 2908-1 | 126 |
| 16207-2 | 93 | 2244-ADJ-T | 227 | 238630L1 | 221 | 2908-6 | 103 |
| 16208-7 | 93 | 2244-T-SS | 227 | 238813LSM1 | 223 | 29130 | 223 |
| 1670-1 | 86 | 238027-1 | 219 | 238833LSM1 | 223 | 3004 | 227 |
| 1670-3 | 86 | 238027-3 | 219 | 238908-1 | 221 | 3004-R | 227 |
| 1674-1 | 86 | 23809-7 | 220 | 238909L1 | 223 | 3004-R-T | 227 |
| 1674-6 | 86 | 23811-7 | 220 | 238909LSM1 | 223 | 3004-R-T-SS | 227 |
| 17209-1 | 23 | 23813-7 | 220 | 238911-1 | 221 | 3004-T | 227 |
| 17211-3 | 23 | 238140-1 | 220 | 238911L1 | 223 | 30106-6 | 15, 124 |
| 1731-1 | 25 | 238141-1 | 220 | 238912-1 | 221 | 30110-6 | 15, 124 |
| 1731-4 | 25 | 238142-1 | 220 | 238913-1 | 221 | 30111-6 | 138 |
| 1733-1 | 25 | 238142-7 | 220 | 238913L1 | 223 | 30121-6 | 124 |
| 1733-4 | 25 | 23815-7 | 220 | 238913LSM1 | 223 | 3100-1 | 34 |
| 1747-1 | 25 | 238150-1 | 220 | 238915-1 | 221 | 3101-1 | 34 |
| 1747-4 | 25 | 238151-1 | 220 | 238916LSM1 | 223 | 3103-1 | 34 |
| 1749-1 | 25 | 238152-1 | 220 | 2445-1 | 132 | 3120-1 | 34 |
| 1749-4 | 25 | 238152-7 | 220 | 2445-7 | 132 | 3120-7 | 34 |
| 1751-1 | 25 | 238153-1 | 220 | 2449-1 | 132 | 3121-1 | 34 |
| 17525 | 230 | 238153-7 | 220 | 2449-7 | 132 | 3121-7 | 34 |
| 17720 | 229 | 238162-1 | 220 | 2460-1 | 128 | 3123-1 | 34 |
| 17721 | 229 | 238164-1 | 220 | 2460-7 | 128 | 3123-7 | 34 |
| 1872 | 229 | 238300-1 | 221, 223 | 2520-1 | 42 | 3130-1 | 34 |
| 19000 | 223 | 238312-1 | 221, 223 | 2530-1 | 42 | 3131-1 | 34 |
| 2007-1 | 187 | 238312-2 | 221, 223 | 2638-1 | 127 | 3133-1 | 34 |
| 2007L3 | 187 | 238322-1 | 221, 223 | 2638-20-1 | 127 | 3134-1 | 34 |
| 2012A1 | 187 | 238322-2 | 223 | 278ANZPM-1 | 218 | 3150-1 | 34 |
| 2012A3 | 187 | 238333-1 | 221, 223 | 278A03AGL-1 | 218 | 3150G7 | 34 |
| 2027-1 | 189 | 238352-1 | 221, 223 | 278A03AGS-1 | 218 | 3150G7* | 34 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|-------------|---------|------------|---------|---------|---------|---------|---------|
| 3150R7 | 34 | 3875B1 | 21 | 4131-1 | 12 | 4643-1 | 8 |
| 3151-1 | 34 | 3875C1 | 23 | 4131-4 | 12 | 4643-7 | 8 |
| 3153-1 | 34 | 3876-1 | 22 | 4133-1 | 12 | 4650-1 | 8 |
| 3153G7 | 34 | 3876-3 | 22 | 4140-4 | 13 | 4650-7 | 8 |
| 3153R7 | 34 | 3877-1 | 21 | 4141-1 | 11 | 4651-1 | 8 |
| 3204 | 227 | 3877-3 | 21 | 4141-4 | 11 | 4660-1 | 8 |
| 3204-R | 227 | 3878-1 | 21 | 4142-1 | 11 | 4660-7 | 8 |
| 3204-R-T | 227 | 3878-3 | 21 | 4143-1 | 11 | 4661-1 | 8 |
| 3204-R-T-SS | 227 | 3879-1 | 21 | 4143-4 | 11 | 4663-1 | 8 |
| 3204-T | 227 | 3879-3 | 21 | 4144-1 | 11 | 4670-1 | 9 |
| 3204-T-SS | 227 | 3880-1 | 21 | 4145-1 | 11 | 4670-7 | 9 |
| 3300-1 | 64 | 3881-1 | 22 | 4199-7 | 14 | 4672-1 | 9 |
| 3325-1 | 175 | 3882-1 | 23 | 4201-1 | 10 | 4672-7 | 9 |
| 3325-3 | 175 | 3883-1 | 21 | 4201-7 | 10 | 4730-1 | 6 |
| 3326-1 | 175 | 3885-1 | 22 | 4202-1 | 10 | 4730-4 | 6 |
| 3326-3 | 175 | 3885-3 | 22 | 4202-7 | 10 | 4760-1 | 6 |
| 3392-1 | 176 | 3886-1 | 22 | 4232-1 | 22 | 4760-4 | 6 |
| 3392-3 | 176 | 3886-3 | 22 | 4232-7 | 22 | 4770-1 | 6 |
| 3396-1 | 176 | 3888-1 | 23 | 4236 | 5 | 4770-4 | 6 |
| 3396-3 | 176 | 3889-1 | 23 | 424-ADJ | 165 | 4801-1 | 10 |
| 3460-1 | 191 | 3890-1 | 16 | 4253-7 | 14 | 4801-7 | 10 |
| 3460-3 | 191 | 3890-3 | 16 | 436-ADJ | 165 | 5000 | 143 |
| 3810-1 | 36 | 3891-1 | 16 | 4505-1 | 5 | 5009-4 | 116 |
| 3810-7 | 36 | 3892-1 | 16 | 4505-7 | 5 | 5009W4 | 116 |
| 3820-1 | 36 | 3893-1 | 16 | 4505S1 | 5 | 5010-4 | 116 |
| 3820G7 | 36 | 3896-1 | 21 | 4507-1 | 5 | 5010W4 | 116 |
| 3820R7 | 36 | 3896-3 | 21 | 4507-7 | 5 | 5011-7 | 117 |
| 3821-1 | 36 | 3897-1 | 21 | 4507S1 | 5 | 5011W7 | 117 |
| 3830-1 | 37 | 3897-3 | 21 | 4508-1 | 5 | 5012-7 | 117 |
| 3830G7 | 37 | 3899-1 | 16 | 4511-1 | 5 | 5013-4 | 116 |
| 3830R7 | 37 | 3899-3 | 16 | 4511-7 | 5 | 5014-4 | 116 |
| 3834-1 | 37 | 3900-1 | 16 | 4511S1 | 5 | 5016-3 | 117 |
| 3834G7 | 37 | 39004 | 223 | 4512-1 | 5 | 5017-6 | 118 |
| 3834R7 | 37 | 3902-1 | 16 | 460-ADJ | 165 | 5022-7 | 117 |
| 3838-1 | 37 | 3902-3 | 16 | 4606-1 | 7 | 5023-7 | 117 |
| 3838G7 | 37 | 3909-1 | 16 | 4606-7 | 7 | 5030-4 | 117 |
| 3838R7 | 37 | 39204 | 223 | 4606TH1 | 7 | 5031D1 | 118 |
| 3845-1 | 21 | 400-B | 165 | 4608-1 | 7 | 5040-1 | 35 |
| 3870-1 | 21 | 400-R | 165 | 4608-7 | 7 | 5040G7 | 35 |
| 3872-1 | 21 | 4000-ADJ | 165 | 4608TH1 | 7 | 5040R7 | 35 |
| 3872-3 | 21 | 4000-ADJ-B | 165 | 4609-1 | 7 | 5040SS1 | 35 |
| 3872A1 | 21 | 4116-5 | 14 | 4612-1 | 7 | 5045-7 | 35 |
| 3873-1 | 21 | 4118A1 | 15 | 4612-7 | 7 | 5045SS1 | 35 |
| 3873-3 | 21 | 4118A5 | 15 | 4613-1 | 7 | 5045SS7 | 35 |
| 3873A1 | 21 | 4121-1 | 15 | 4614-7 | 14 | 5060-3 | 119 |
| 3874-1 | 21 | 4121-3 | 15 | 4620-6 | 7-8 | 5061-3 | 119 |
| 3874-3 | 21 | 4122-1 | 15 | 4622-6 | 7-9 | 5062-3 | 119 |
| 3874A1 | 21 | 4122-3 | 15 | 4624-6 | 7-8 | 5063-3 | 119 |
| 3875-1 | 21 | 4123-1 | 15 | 4640-1 | 8 | 5064-3 | 119 |
| 3875-3 | 21 | 4125-1 | 15 | 4640-7 | 8 | 5065-3 | 119 |
| 3875A1 | 21 | 4125-7 | 15 | 4641-1 | 8 | 5066-7 | 119 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 5070-3 | 119 | 5121-P12-1 | 53 | 5350-S30-1 | 53 | 5550-P20-1 | 52 |
| 5071-3 | 119 | 5121-PA12-7 | 53 | 5351-P12-1 | 53 | 5550-P24-1 | 52 |
| 5072-7 | 119 | 5122-08-7 | 54 | 5351-P20-1 | 53 | 5550-PA20-7 | 52 |
| 5073-3 | 119 | 5300-48-1 | 47 | 5351-PA12-7 | 53 | 5550-S12-1 | 52 |
| 5074-3 | 119 | 5300-54-1 | 47 | 5351-PA20-7 | 53 | 5550-S18-1 | 52 |
| 5080G7 | 35 | 5300-54B1 | 47 | 5352-08-7 | 54 | 5550-S24-1 | 52 |
| 5080R7 | 35 | 5300-60-1 | 47 | 5353-P12-1 | 53 | 5550-S30-1 | 52 |
| 5091-10-1 | 41 | 5300-72-1 | 47 | 5353-P24-1 | 53 | 5550-S36-1 | 52 |
| 5091-10-7 | 41 | 5310-48T1 | 47 | 5355-P07-1 | 53 | 5550-S42-1 | 52 |
| 5091-12-1 | 41 | 5310-48TB1 | 47 | 5355-P24-1 | 53 | 5550-S54-1 | 52 |
| 5091-12B1 | 41 | 5310-54T1 | 47 | 5358-P12-7 | 53 | 5551-P12-1 | 52 |
| 5091-14-1 | 41 | 5310-54TB1 | 47 | 5358-PV12-7 | 53 | 5551-PA20-7 | 52 |
| 5091-14-7 | 41 | 5310-60T1 | 47 | 5424-71-1 | 65 | 5557-P12A7 | 52 |
| 5091-19-1 | 41 | 5310-60TB1 | 47 | 5530-12T1 | 45 | 5557-PV12A7 | 52 |
| 5092-10-7 | 41 | 5310-66T1 | 47 | 5530-24A7 | 45 | 5558-P12A7 | 52 |
| 5092-10T1 | 41 | 5310-72T1 | 47 | 5530-24BP1 | 44 | 5558-PV12A7 | 52 |
| 5092-12T1 | 41 | 5320-20T1 | 47 | 5530-24BP7 | 44 | 5570-54-1 | 45 |
| 5092-12TB1 | 41 | 5320-42T1 | 47 | 5530-30BP1 | 44 | 5570-60-1 | 45 |
| 5092-14-7 | 41 | 5320-48T1 | 47 | 5530-36A7 | 45 | 5570-72-1 | 45 |
| 5092-14T1 | 41 | 5320-54T1 | 47 | 5530-36BP1 | 44 | 5570-84-1 | 45 |
| 5092-14TB1 | 41 | 5320-54TB1 | 47 | 5530-36BP7 | 44 | 5580-03 | 54 |
| 5092-16T1 | 41 | 5320-60T1 | 47 | 5530-42A7 | 45 | 5580-1 | 54 |
| 5092-16TB1 | 41 | 5320-60TB1 | 47 | 5530-42BP1 | 44 | 5580-7 | 54 |
| 5092-20T1 | 41 | 5320-62T1 | 47 | 5530-42BP7 | 44 | 5580A7 | 54 |
| 5092-8T1 | 41 | 5320-66T1 | 47 | 5530-42T1 | 45 | 5581-1 | 54 |
| 5095-10-7 | 41 | 5320-72T1 | 47 | 5530-48A7 | 45 | 5582-1 | 54 |
| 5095-10T1 | 41 | 5330-42-7 | 46 | 5530-48BP1 | 44 | 5610-48-7 | 48 |
| 5095-14T1 | 41 | 5330-42T1 | 46 | 5530-48T1 | 45 | 5940-1 | 54 |
| 5097-10-1 | 41-42 | 5330-48-7 | 46 | 5530-54A7 | 45 | 5940-7 | 54 |
| 5097-14-1 | 41 | 5330-48T1 | 46 | 5530-54BP1 | 44 | 5980-1 | 54 |
| 5098-10-1 | 41 | 5330-54T1 | 46 | 5530-54BP7 | 44 | 6115-1 | 15 |
| 5100-24-1 | 48 | 5330-60T1 | 46 | 5530-54T1 | 45 | 6115A1 | 15 |
| 5100-30-1 | 48 | 5330-72T1 | 46 | 5530-54TB1 | 45 | 6126-1 | 12 |
| 5100-36-1 | 48 | 5340-42T1 | 46 | 5530-60A7 | 45 | 6126-7 | 12 |
| 5100-42-1 | 48 | 5340-48-7 | 46 | 5530-60BP1 | 44 | 6244-1 | 174 |
| 5100-48-1 | 48 | 5340-48T1 | 46 | 5530-60T1 | 45 | 6244-6 | 174 |
| 5100-54-1 | 48 | 5340-54-7 | 46 | 5530-66T1 | 45 | 6245-1 | 174 |
| 5100-60-1 | 48 | 5340-54T1 | 46 | 5530-72T1 | 45 | 6245-6 | 174 |
| 5110-24-7 | 48 | 5340-60T1 | 46 | 5540-54-1 | 45 | 6260-4 | 156 |
| 5110-30-7 | 48 | 5340-64T1 | 46 | 5540-54A7 | 45 | 6311-1 | 63 |
| 5110-36-7 | 48 | 5340-72T1 | 46 | 5540-54T1 | 45 | 6311-7 | 63 |
| 5110-42-7 | 48 | 5340-84T1 | 46 | 5540-60T1 | 45 | 6312-1 | 63 |
| 5110-42T1 | 48 | 5350-20Z1 | 53 | 5540-72T1 | 45 | 6312-7 | 63 |
| 5110-48-7 | 48 | 5350-24Z1 | 53 | 5540-84T1 | 45 | 6313-1 | 63 |
| 5110-48T1 | 48 | 5350-30Z1 | 53 | 5550-12-1 | 52 | 6313-7 | 63 |
| 5110-54-7 | 48 | 5350-36Z1 | 53 | 5550-24-1 | 52 | 6317-1 | 63 |
| 512 | 179 | 5350-P12-1 | 53 | 5550-30Z1 | 52 | 6317-7 | 63 |
| 5120-12Z1 | 53 | 5350-P20-1 | 53 | 5550-36Z1 | 52 | 6318-1 | 63 |
| 5120-36Z1 | 53 | 5350-PA12-7 | 53 | 5550-42Z1 | 52 | 6318-7 | 63 |
| 5120-P12-1 | 53 | 5350-PA20-7 | 53 | 5550-P07-1 | 52 | 6319-1 | 63 |
| 5120-PA12-7 | 53 | 5350-S20-1 | 53 | 5550-P12-1 | 52 | 6319-7 | 63 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|----------|---------|--------------|---------|--------------|---------|---------|----------|
| 6320B1 | 62 | 6353W7 | 63 | 65UW12B-7 | 60 | 66103-1 | 180 |
| 6320B7 | 62 | 6354W7 | 63 | 65UW12CVBK-1 | 60 | 66103-3 | 180 |
| 6320W1 | 62 | 6355W7 | 63 | 65UW12CVSS-1 | 60 | 66104-1 | 181 |
| 6320W7 | 62 | 6356D1 | 56 | 65UW12CVWH-1 | 60 | 66104-3 | 181 |
| 6321B1 | 62 | 6356D7 | 56 | 65UW12G-1 | 60 | 66105-1 | 150, 183 |
| 6321B7 | 62 | 6375-205-1 | 66 | 65UW12G-7 | 60 | 66105-3 | 150, 183 |
| 6323B1 | 62 | 6375D6 | 39 | 65UW12W-1 | 60 | 66109-1 | 181 |
| 6323B7 | 62 | 6443-T-P-SS | 226 | 65UW12W-7 | 60 | 66109-3 | 181 |
| 6323W1 | 62 | 64439-SS | 226 | 66004-1 | 98 | 66110-1 | 173 |
| 6323W7 | 62 | 6450-1 | 121 | 66004-3 | 98 | 66110-3 | 173 |
| 6324B1 | 62 | 6450-7 | 121 | 66008-1 | 176 | 66111-1 | 173 |
| 6324B7 | 62 | 6451-1 | 121 | 66009-1 | 173 | 66111-3 | 173 |
| 6340SS1 | 62 | 6451-7 | 121 | 66009L6 | 173 | 66112-1 | 173 |
| 6340SS7 | 62 | 6483 | 226 | 66010-1 | 173 | 66120-1 | 175 |
| 6341SS1 | 62 | 6483-T | 226 | 66010L3 | 173 | 66123-T | 226 |
| 6341SS7 | 62 | 64839 | 226 | 66011-1 | 173 | 66126-5 | 97 |
| 6342SS1 | 62 | 6520SS4 | 58 | 66011-3 | 173 | 66126C1 | 97 |
| 6342SS7 | 62 | 6521SS1 | 58 | 66012-1 | 173 | 66127-1 | 176 |
| 6343SS7 | 61 | 6522SS1 | 58 | 66021-1 | 185 | 66163-1 | 185 |
| 63439 | 226 | 6522SS7 | 58 | 66021-3 | 185 | 66163-3 | 185 |
| 6343BSS1 | 61 | 6523BK1 | 58 | 66023-1 | 98 | 66164-1 | 185 |
| 6343GSS1 | 61 | 6523BK7 | 58 | 66025-1 | 184 | 66164-3 | 185 |
| 6343RSS1 | 61 | 6526-1 | 58 | 66025-3 | 184 | 66200-3 | 181 |
| 6343SS1 | 61 | 6526-7 | 58 | 66026-1 | 184 | 66202-1 | 183 |
| 6343SS7 | 61 | 6527-1 | 58 | 66026-3 | 184 | 66202-3 | 183 |
| 6344BSS1 | 61 | 6527-7 | 58 | 66027-1 | 186 | 66208-1 | 186 |
| 6344GSS1 | 61 | 6528B-1 | 61 | 66027-3 | 186 | 66220-1 | 181 |
| 6344RSS1 | 61 | 6528B-7 | 61 | 66028-1 | 185 | 66220-3 | 181 |
| 6344SS1 | 61 | 6528W-1 | 61 | 66028-3 | 185 | 66222-1 | 181 |
| 6345SN1 | 62 | 6528W-7 | 61 | 66029-1 | 185 | 66222-3 | 181 |
| 6345SS1 | 62 | 6556-1 | 56 | 66029-3 | 185 | 66223-1 | 176 |
| 6346SS1 | 62 | 6556-7 | 56 | 66031-1 | 98 | 66223-3 | 176 |
| 6346W1 | 62 | 65UW03B-1 | 60 | 66031-3 | 98 | 66224-1 | 176 |
| 6347SS1 | 62 | 65UW03B-7 | 60 | 66032-1 | 98 | 66237-1 | 184 |
| 6348SN1 | 62 | 65UW03CVBK-1 | 60 | 66032-3 | 98 | 66237-3 | 184 |
| 6348SS1 | 62 | 65UW03CVSS-1 | 60 | 66054-1 | 172 | 66239-1 | 184 |
| 6349SS1 | 62 | 65UW03CVWH-1 | 60 | 66055-1 | 172 | 66239-3 | 184 |
| 6350B1 | 63 | 65UW03G-1 | 60 | 66056-1 | 172 | 66240-1 | 184 |
| 6350B7 | 63 | 65UW03G-7 | 60 | 66060-1 | 97 | 66261-1 | 176 |
| 6350R1 | 63 | 65UW03W-1 | 60 | 66060-3 | 97 | 66261L3 | 176 |
| 6350R7 | 63 | 65UW03W-7 | 60 | 66061-3 | 97 | 66262-1 | 176 |
| 6350UB1 | 63 | 65UW06B-1 | 60 | 66062-1 | 172 | 66262-3 | 176 |
| 6350W1 | 63 | 65UW06B-7 | 60 | 66063-1 | 172 | 66263-1 | 176 |
| 6350W7 | 63 | 65UW06CVBK-1 | 60 | 66064-1 | 172 | 66263L3 | 176 |
| 6351A1 | 63 | 65UW06CVSS-1 | 60 | 66074-3 | 97 | 66308-1 | 23 |
| 6351B1 | 63 | 65UW06CVWH-1 | 60 | 66100-1 | 180 | 66308-3 | 23 |
| 6351G1 | 63 | 65UW06G-1 | 60 | 66100-3 | 180 | 66318-1 | 38 |
| 6351R1 | 63 | 65UW06G-7 | 60 | 66101-1 | 180 | 66318-7 | 38 |
| 6351U1 | 63 | 65UW06W-1 | 60 | 66101-3 | 180 | 66319-1 | 38 |
| 6351W1 | 63 | 65UW06W-7 | 60 | 66102-1 | 180 | 66319G7 | 38 |
| 6352SS1 | 62 | 65UW12B-1 | 60 | 66102-3 | 180 | 66319R7 | 38 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 66320-1 | 38 | 66463W1 | 120 | 66549-3 | 17 | 66UW03B-7 | 60 |
| 66334-1 | 172 | 66463W7 | 120 | 66549G1 | 17 | 66UW03G-1 | 60 |
| 66335-1 | 172 | 66464-1 | 120 | 66550-1 | 17 | 66UW03G-7 | 60 |
| 66336-1 | 172 | 66464-7 | 120 | 66550-3 | 17 | 66UW03W-1 | 60 |
| 66362-1 | 120 | 66464W1 | 120 | 66551-1 | 17 | 66UW03W-7 | 60 |
| 66362-7 | 120 | 66464W7 | 120 | 66551-3 | 17 | 66UW06B-1 | 60 |
| 66362W1 | 120 | 66470-1 | 120 | 66551G1 | 17 | 66UW06B-7 | 60 |
| 66362W7 | 120 | 66470-7 | 120 | 66552-1 | 17 | 66UW06G-1 | 60 |
| 66363-1 | 120 | 66470W7 | 120 | 66553-1 | 18 | 66UW06G-7 | 60 |
| 66363-7 | 120 | 66471-1 | 120 | 66553-3 | 18 | 66UW06W-1 | 60 |
| 66363W1 | 120 | 66471-7 | 120 | 66553G1 | 18 | 66UW06W-7 | 60 |
| 66363W7 | 120 | 66471W7 | 120 | 66555-1 | 18 | 66UW12B-1 | 60 |
| 66364-1 | 120 | 66502-1 | 173 | 66555G1 | 18 | 66UW12B-7 | 60 |
| 66364-7 | 120 | 66502-7 | 173 | 66557-1 | 18 | 66UW12G-1 | 60 |
| 66364W1 | 120 | 66510-1 | 171 | 66557G1 | 18 | 66UW12G-7 | 60 |
| 66364W7 | 120 | 66510-7 | 171 | 66559-1 | 18 | 66UW12W-1 | 60 |
| 66382-7 | 56 | 66512-1 | 171 | 66561-1 | 18 | 66UW12W-7 | 60 |
| 66391-1 | 185 | 66514-1 | 171 | 66563-1 | 18 | 6724-05-1 | 65 |
| 66391-3 | 185 | 66514-7 | 171 | 66565-1 | 18 | 67551-1 | 19 |
| 66398-1 | 173 | 66515-1 | 170 | 66565G1 | 18 | 67552-1 | 19 |
| 66399-1 | 28 | 66515-7 | 170 | 66567-1 | 18 | 67553-1 | 19 |
| 66399-3 | 28 | 66516-1 | 171 | 66567G1 | 18 | 67554-1 | 19 |
| 66400-1 | 28 | 66516-7 | 171 | 66577-1 | 18 | 67554G1 | 19 |
| 66400-3 | 28 | 66517-1 | 170 | 66577G1 | 18 | 67555-1 | 19 |
| 66406-5 | 97 | 66517-7 | 170 | 66579-1 | 18 | 67555G1 | 19 |
| 66407-1 | 97 | 66519-1 | 170 | 66579G1 | 18 | 67556-1 | 19 |
| 66408-5 | 97 | 66522-1 | 171 | 66586-1 | 171 | 67556G1 | 19 |
| 66408C1 | 97 | 66524-1 | 171 | 66586-7 | 171 | 67557-1 | 19 |
| 66411C1 | 97 | 66529-1 | 170 | 66587-1 | 171 | 67557G1 | 19 |
| 66412C1 | 97 | 66531-1 | 170 | 66587-7 | 171 | 67558-1 | 19 |
| 66419-1 | 86 | 66533-1 | 170 | 66588-1 | 171 | 67561-1 | 19 |
| 66419-3 | 86 | 66538-1 | 170 | 66588-7 | 171 | 67562-1 | 19 |
| 66423-1 | 186 | 66540-1 | 17 | 66589-1 | 171 | 67580-1 | 19 |
| 66423-3 | 186 | 66540-3 | 17 | 66617-1 | 170 | 67580G1 | 19 |
| 66425-1 | 186 | 66541-1 | 17 | 66654-1 | 172 | 67581-1 | 19 |
| 66425-3 | 186 | 66541-3 | 17 | 6682 | 228 | 67582-1 | 19 |
| 66434-1 | 184 | 66542-1 | 17 | 6682-T | 228 | 67583-1 | 19 |
| 66446C1 | 97 | 66542-3 | 17 | 6683-T | 228 | 6772-T | 228 |
| 66448-1 | 178 | 66543-1 | 17 | 6683-T-SS | 228 | 67729 | 228 |
| 66448-7 | 178 | 66543-3 | 17 | 66832-1 | 187 | 67729-SC | 228 |
| 66449-1 | 178 | 66544-1 | 17 | 66839 | 228 | 67729-T | 228 |
| 66450-1 | 178 | 66544-3 | 17 | 66970-7 | 121 | 6773 | 228 |
| 66450-5 | 178 | 66545-1 | 17 | 66HR09-1 | 177 | 6773-T | 228 |
| 66451-1 | 178 | 66545-3 | 17 | 66HR12-1 | 177 | 6773-T-U | 228 |
| 66451-5 | 178 | 66546-1 | 17 | 66HR18-1 | 177 | 67739 | 228 |
| 66462-1 | 120 | 66546-3 | 17 | 66HR24-1 | 177 | 67739-SC | 228 |
| 66462-7 | 120 | 66547-1 | 17 | 66HR32-1 | 177 | 67739-SS | 228 |
| 66462W1 | 120 | 66547-3 | 17 | 66HRD09-1 | 177 | 67749 | 228 |
| 66462W7 | 120 | 66548-1 | 17 | 66HRD12-1 | 177 | 67904 | 223 |
| 66463-1 | 120 | 66548-3 | 17 | 66HRD18-1 | 177 | 68551-1 | 20 |
| 66463-7 | 120 | 66549-1 | 17 | 66UW03B-1 | 60 | 68554-1 | 20 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|------------|---------|----------|---------|------------|---------|-------------|---------|
| 68555-1 | 20 | 7524A1 | 24 | 7836-S-1 | 55 | 88FBM101-6 | 78 |
| 68556-1 | 20 | 7524A7 | 24 | 7842-S-1 | 55 | 88FBM104-6 | 78 |
| 68557-1 | 20 | 7524B1 | 24 | 8043-1 | 126 | 88FBM105-6 | 78 |
| 68576-1 | 20 | 7524D1 | 24 | 8043-3 | 126 | 88FBMA102-6 | 78 |
| 68577-1 | 20 | 7524PD1 | 24 | 815000 | 230 | 88FE100-6 | 78 |
| 68578-1 | 20 | 7524PD2 | 24 | 818440 | 222 | 88FHE516-6 | 76 |
| 68579-1 | 20 | 7526A1 | 24 | 818441 | 222 | 88FHH038-6 | 77 |
| 68581-1 | 20 | 7526A7 | 24 | 818441-3 | 222 | 88FHN038-6 | 78 |
| 69773 | 223 | 7526D1 | 24 | 827 | 179 | 88FHNPO38-6 | 78 |
| 7006-1 | 211 | 7526D2 | 24 | 828461 | 222 | 88FHS516-6 | 77 |
| 7009-1 | 211 | 7531A3 | 24 | 8314-1 | 126 | 88FHY516-6 | 77 |
| 7012-004-1 | 215 | 7532A3 | 24 | 8315-4 | 126 | 88FTH014-6 | 77 |
| 7012-004-4 | 215 | 7533A1 | 24 | 8324-1 | 126 | 88FTN014-6 | 78 |
| 7012-101-1 | 215 | 7533A7 | 24 | 8800-6 | 91 | 88FTNP014-6 | 78 |
| 7012-101-4 | 215 | 7533PD2 | 24 | 8801-7 | 91 | 88FTS014-6 | 77 |
| 7012-102-1 | 215 | 7534A1 | 24 | 8802-6 | 91 | 88FV101-6 | 81 |
| 7012-102-4 | 215 | 7534A3 | 24 | 8803i2 | 94 | 88FV102-6 | 81 |
| 7012-103-1 | 215 | 7535A1 | 24 | 8803LP2 | 69 | 88FV200-6 | 81 |
| 7012-103-4 | 215 | 7535A3 | 24 | 8803LP2S | 69 | 88FV201-6 | 81 |
| 7012-104-1 | 215 | 7555-1 | 23 | 8803LPG2 | 69 | 88FV202-6 | 81 |
| 7012-104-4 | 215 | 7555-3 | 23 | 8803LPG2S | 69 | 88TC06-7 | 91 |
| 7012-105-1 | 215 | 7557-03 | 23 | 8806i2 | 94 | 8900-6 | 77 |
| 7012-105-4 | 215 | 7557-1 | 23 | 8806iG2 | 94 | 8901-6 | 77 |
| 7012-504-1 | 215 | 7557-7 | 23 | 8806LP2 | 69 | 8902-6 | 77 |
| 7012-504-4 | 215 | 7557G1 | 23 | 8806LP2S | 69 | 8M0044687 | 71 |
| 7015-001-1 | 215 | 7563-6 | 139 | 8806LPG2 | 69 | 9006-1 | 136 |
| 7020-001-1 | 215 | 7566AR1 | 24 | 8806LPG2S | 69 | 9013-1 | 136 |
| 7020-002-1 | 215 | 7566BG1 | 24 | 8812iG2 | 94 | 9013-3 | 136 |
| 7022-101-1 | 215 | 7571-1 | 64 | 8812LLP2 | 69 | 9013A3 | 136 |
| 7040-1 | 208 | 7571L7 | 64 | 8812LLPG2 | 69 | 9014-1 | 136 |
| 7060-1 | 208 | 7589-3 | 139 | 8812LP2 | 69 | 9014-3 | 136 |
| 7062-3 | 230 | 7591-6 | 141 | 8812LPG2 | 69 | 9014A1 | 136 |
| 7100A7 | 48 | 7594-3 | 139 | 8838HF6 | 72 | 9014A3 | 136 |
| 7100B7 | 48 | 7615-3 | 14 | 8838HM6 | 72 | 9024-05-1 | 65 |
| 7100C7 | 48 | 7615A3 | 14 | 8838TM6 | 72 | 903-008-T-S | 179 |
| 7101A7 | 48 | 7621-7 | 155 | 8838US6 | 72 | 903-009-S | 179 |
| 7101B7 | 48 | 7622-7 | 140 | 8873-6 | 76 | 9040-4 | 126 |
| 7153-T-SS | 227 | 7623-7 | 142 | 8882-6 | 76 | 9065-1 | 135 |
| 7201-P-7 | 55 | 7624-7 | 142 | 8883-6 | 76 | 9067-1 | 135 |
| 7201-PV-7 | 55 | 7625-7 | 142 | 8884-6 | 77 | 9069-1 | 135 |
| 7202-P-7 | 55 | 7640-3 | 190 | 8887-6 | 78 | 90720 | 229 |
| 7202-PV-7 | 55 | 7647-7 | 140 | 8889LP6 | 76 | 9076-1 | 135 |
| 7212Z1 | 55 | 7648-7 | 140 | 8890LP6 | 76 | 9082-1 | 135 |
| 7408-1 | 55 | 7651-3 | 190 | 8892-6 | 76 | 9083-7 | 131 |
| 7408-P-1 | 55 | 7653L3 | 190 | 8893-6 | 76 | 9084-1 | 135 |
| 7412-P-1 | 55 | 7663-5 | 155 | 8896LP6 | 76, 77 | 9090-1 | 136 |
| 7518A3 | 24 | 7812-S-1 | 55 | 8897-6 | 77 | 9090-5 | 136 |
| 7518PD2 | 24 | 7812-S-7 | 55 | 88EP06-4 | 93 | 9091-1 | 136 |
| 7520A1 | 24 | 7812S1 | 55 | 88FAS014-6 | 78 | 9091-5 | 136 |
| 7520A3 | 24 | 7812Z1 | 55 | 88FAS038-6 | 78 | 9092-5 | 136 |
| 7520PD1 | 24 | 7824-S-1 | 55 | 88FBF102-6 | 78 | 9093-5 | 136 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|------------|---------|-----------|------------|-------------|---------|-------------|----------|
| 9094-1 | 136 | 911339B | 51 | 923-009 | 179 | 93806MFDV7 | 74 |
| 9094-5 | 136 | 911363-1 | 65 | 923-009-ADJ | 179 | 93806MI7 | 95 |
| 9095-1 | 136 | 911370-1 | 51 | 9230-7 | 64 | 93806MLP7 | 74 |
| 9095-5 | 136 | 911445-1 | 51 | 9232-7 | 64 | 93806MUS7 | 74 |
| 9096-1 | 136 | 911490-1 | 51 | 9233-7 | 64 | 93806MUSD7 | 74 |
| 9096-5 | 136 | 911507-1 | 86 | 9235-7 | 64 | 93806UFDV7 | 74 |
| 9097-1 | 136 | 911508-1 | 86 | 9300FDV7 | 71 | 93806UI7 | 95 |
| 9097-5 | 136 | 911526-1 | 86 | 93014I7 | 95 | 93806ULP7 | 74 |
| 9098-1 | 136 | 911527-1 | 86 | 93014LP7 | 70 | 93806UUS7 | 74 |
| 9098-5 | 136 | 911528-1 | 86 | 93038I7 | 95 | 93806UUSD7 | 74 |
| 9099-1 | 136 | 912021 | 65 | 93038LP7 | 70 | 93806UUSI7 | 95 |
| 9099-5 | 136 | 912021-7 | 65 | 9350-4 | 103 | 93806YFDV7 | 75 |
| 91017B1 | 65 | 912091A | 66 | 9351-2 | 103 | 93806YI7 | 95 |
| 91017B7 | 65 | 912091AW | 66 | 93516I7 | 95 | 93806YLP7 | 75 |
| 91022-1 | 51 | 912091B | 66 | 93516LP7 | 70 | 93806YUS7 | 74 |
| 91022-7 | 51 | 912091BW | 66 | 93531-1 | 105 | 93806YUSD7 | 75 |
| 910409 | 64 | 912091C | 66 | 93532-1 | 105 | 93810USCD7 | 74 |
| 910R2PB-1 | 50 | 912091F | 65 | 93533-1 | 105 | 93812ULP7 | 74 |
| 910R2PB-7 | 50 | 912392B | 65 | 93534-1 | 105 | 93812UUS7 | 74 |
| 910R2PSB-1 | 50 | 912392C | 65 | 93536-1 | 104 | 93812UUSD7 | 74 |
| 910R2PSB-7 | 50 | 912392W | 65 | 9354BD1 | 104 | 9400-7 | 93 |
| 910R2PSW-1 | 50 | 912393B | 65 | 9354D1 | 104 | 9401-7 | 93 |
| 910R2SS-1 | 50 | 912393C | 65 | 93552P2 | 104 | 94100-4 | 143 |
| 910R3PB-1 | 50 | 912393W | 65 | 93553P2 | 104 | 94110-5 | 143 |
| 910R3PB-7 | 50 | 912394B | 65 | 9355BD1 | 104 | 94112-6 | 143 |
| 910R3PSB-1 | 50 | 912394C | 65 | 9355D1 | 104 | 9433-S | 179 |
| 910R3PSB-7 | 50 | 912394W | 65 | 9356BD1 | 104 | 9436-S | 179 |
| 910R3PSW-1 | 50 | 912406 | 65 | 9356D1 | 104 | 951606ULP7 | 74 |
| 910R3SS-1 | 50 | 912407 | 65 | 9358-1 | 104 | 952 | 179, 228 |
| 910T2PB-1 | 50 | 912408 | 65 | 9358B1 | 104 | 96008 | 179 |
| 910T2PB-7 | 50 | 912717 | 64 | 9368A1 | 92 | 96009 | 179 |
| 910T2PSB-1 | 50 | 912852 | 65 | 9368B1 | 92 | 9703-7 | 118 |
| 910T2PSB-7 | 50 | 912852-7 | 65 | 9368C1 | 92 | 9709-7 | 118 |
| 910T2PSW-1 | 50 | 913068SA | 66 | 9369A1 | 92 | 97100-001-1 | 214 |
| 910T2SS-1 | 50 | 913068SB | 66 | 9372-2 | 93 | 97100-001-2 | 214 |
| 910T3PB-1 | 50 | 913068SC | 66 | 93806AI7 | 95 | 97100-005-1 | 214 |
| 910T3PB-7 | 50 | 91320 | 229 | 93806ALP7 | 74 | 97100-005-2 | 214 |
| 910T3PSB-1 | 50 | 91320-ADJ | 229 | 93806AUS7 | 74 | 97100-006-1 | 214 |
| 910T3PSB-7 | 50 | 913670-1 | 52, 53, 55 | 93806AUSD7 | 74 | 97100-006-2 | 214 |
| 910T3PSW-1 | 50 | 913671-1 | 52, 53, 55 | 93806BLP7 | 74 | 977339-T | 226 |
| 910T3SS-1 | 50 | 9144-6 | 146 | 93806EFDV7 | 74 | 97739 | 226 |
| 910V2PB-1 | 49 | 9145-6 | 146 | 93806EI7 | 95 | 97739-T | 226 |
| 910V2PB-7 | 49 | 9146-3 | 191 | 93806ELP7 | 74 | 97749-7 | 226 |
| 910V2SS-1 | 49 | 9146-6 | 146 | 93806EUS7 | 74 | 97749C-7 | 226 |
| 910V2SS-7 | 49 | 9147-6 | 146 | 93806EUSD7 | 74 | 97750-7 | 226 |
| 910V3PB-1 | 49 | 9148-6 | 146 | 93806FLP7 | 75 | 97750C-7 | 226 |
| 910V3PB-7 | 49 | 9149-6 | 146 | 93806FUS7 | 75 | 97S03BK-2 | 209 |
| 910V3SS-1 | 49 | 9150-6 | 146 | 93806HI7 | 95 | 97S03BL-2 | 209 |
| 910V3SS-7 | 49 | 9185J1 | 16 | 93806HLP7 | 75 | 97S03RD-2 | 209 |
| 911339-1 | 51 | 9185M1 | 16 | 93806HUS7 | 75 | 97S04BE-2 | 209 |
| 911339-7 | 51 | 922-ADJ-S | 179 | 93806HUSD7 | 75 | 97S05BK-2 | 209 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|-------------|---------|--------------|---------|--------------|---------|--------------|---------|
| 97S05RD-2 | 209 | 99200GW1 | 96 | 9947-3 | 106 | 99DFPVSSY1-1 | 88 |
| 97SMAX4-2 | 209 | 99200GZ1 | 96 | 9948-1 | 100 | 99DFPVSW1 | 88 |
| 98100-1 | 212 | 99200WB1 | 96 | 9948B1 | 100 | 99DFPVSZ1 | 88 |
| 98120-1 | 212 | 99200WS1 | 96 | 9955-1 | 101 | 99DVA02-1 | 88 |
| 98124 | 212 | 99200WSY1-1 | 96 | 9956-1 | 101 | 99DVB01-1 | 88 |
| 98201-1 | 208 | 99200WW1 | 96 | 9957-1 | 101 | 99DVB02-1 | 88 |
| 98202-1 | 208 | 99200WZ1 | 96 | 9960-1 | 101 | 99DVC01-1 | 88 |
| 98203-1 | 208 | 99201DS1 | 96 | 9961-1 | 101 | 99DVP03-1 | 88 |
| 98204-1 | 208 | 99201DZ1 | 96 | 9962-1 | 101 | 99DVP04-1 | 88 |
| 98386-2 | 213 | 99201GB1 | 96 | 9963-1 | 101 | 99DVP05-1 | 88 |
| 98387-2 | 213 | 99201GS1 | 96 | 99CC035-1 | 87 | 99FLF080-1 | 90 |
| 98388-2 | 213 | 99201GW1 | 96 | 99CC035-1S | 87 | 99FLF100-1 | 90 |
| 98390GY | 216 | 99201GZ1 | 96 | 99CC035HSA1 | 87 | 99FLF140-1 | 90 |
| 98391GNMX | 216 | 99201WB1 | 96 | 99CC035HSA1S | 87 | 99FLF170-1 | 90 |
| 98391GY | 216 | 99201WS1 | 96 | 99CC045-1 | 87 | 99FLF230-1 | 90 |
| 98395CAMO | 216 | 99201WSY1-1 | 96 | 99CC045-1S | 87 | 99FLF330-1 | 90 |
| 98395GY | 216 | 99201WW1 | 96 | 99CC045H1 | 87 | 99FLN080-1 | 90 |
| 98395WH | 216 | 99201WZ1 | 96 | 99CC045HSA1 | 87 | 99FLN100-1 | 90 |
| 9842-1 | 23 | 99202AWS1 | 96 | 99CC045HSA1S | 87 | 99FLN140-1 | 90 |
| 9842-3 | 23 | 99202AWSY1-1 | 96 | 99CC045V1 | 87 | 99FLN170-1 | 90 |
| 9842PD1 | 23 | 99202AWZ1 | 96 | 99CC085-1 | 87 | 99FLN230-1 | 90 |
| 98437BK-2 | 207 | 99202WS1 | 96 | 99CC085-1S | 87 | 99FLN330-1 | 90 |
| 98437OW-2 | 207 | 99202WSY1-1 | 96 | 99CC085H1 | 87 | 99FV100-6 | 98 |
| 98438BL-2 | 207 | 99202WZ1 | 96 | 99CC085HSA1 | 87 | 99GVG000-1 | 90 |
| 98438BW-2 | 207 | 99210GB1 | 96 | 99CC085HSA1S | 87 | 99GVP000-1 | 90 |
| 98438GY-2 | 207 | 99210GW1 | 96 | 99CC150-1 | 87 | 99ICV000-1 | 90 |
| 98438RD-2 | 207 | 99211GB1 | 96 | 99CC150-1S | 87 | 99IFDV00-1 | 88 |
| 98439BK-2 | 207 | 9922-1 | 102 | 99CC150HSA1 | 87 | 99IFDVS1 | 88 |
| 98439GY-2 | 207 | 99220-1 | 96 | 99CCB01-1 | 87 | 99TDF100-1 | 86 |
| 9844PD2 | 23 | 9923-1 | 102 | 99DFCCAB1 | 85 | 99TDF110-1 | 86 |
| 98505CA | 216 | 9923-3 | 102 | 99DFCCAB1S | 85 | 99TDF120-1 | 86, 89 |
| 98505GY | 216 | 9924-1 | 102 | 99DFCCAS1 | 85 | 99TDFPV100-1 | 89 |
| 98505WH | 216 | 9924-3 | 102 | 99DFCCASY1-1 | 85 | 99TDFPV110-1 | 89 |
| 98900-1 | 210 | 9933-1 | 100 | 99DFCCAW1 | 85 | ATT001 | 212 |
| 98908-1 | 210 | 9933B1 | 100 | 99DFCCAW1S | 85 | ATT002 | 212 |
| 98910-1 | 210 | 9934-1 | 100 | 99DFCCAZ1 | 85 | ATT007 | 212 |
| 98961-1 | 206 | 9934B1 | 100 | 99DFCCAZ1S | 85 | ATT008 | 212 |
| 98963-1 | 206 | 9935-1 | 100 | 99DFCCSB1 | 85 | ATT009 | 212 |
| 98966BK-2 | 205 | 9935B1 | 100 | 99DFCCSB1S | 85 | ATT016 | 212 |
| 98966BL-2 | 205 | 9941-1 | 100 | 99DFCCSS1 | 85 | ATT101 | 208 |
| 98966BW-2 | 205 | 9941B1 | 100 | 99DFCCSSY1-1 | 85 | ATT102 | 208 |
| 98966RD-2 | 205 | 9942-1 | 100 | 99DFCCSW1 | 85 | ATT103 | 208 |
| 98967OW-2 | 205 | 9942B1 | 100 | 99DFCCSW1S | 85 | ATT109 | 208 |
| 98968BK-2 | 205 | 9943-1 | 100 | 99DFCCSZ1 | 85 | ATT110 | 208 |
| 98990-1 | 206 | 9943B1 | 100 | 99DFCCSZ1S | 85 | ATT200-1 | 210 |
| 98991-1 | 206 | 9944-1 | 100 | 99DFPVAB1 | 88 | ATT205-1 | 210 |
| 99ICV000HS2 | 90 | 9944B1 | 100 | 99DFPVAS1 | 88 | ATT210-1 | 210 |
| 99200DS1 | 96 | 9945-1 | 100 | 99DFPVASY1-1 | 88 | NV1001PB-1 | 33 |
| 99200DZ1 | 96 | 9945B1 | 100 | 99DFPVAZ1 | 88 | NV1001SS-1 | 33 |
| 99200GB1 | 96 | 9946-1 | 100 | 99DFPVSB1 | 88 | NV1002PB-1 | 33 |
| 99200GS1 | 96 | 9946B1 | 100 | 99DFPVSS1 | 88 | NV1002SS-1 | 33 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|--------------|---------|------------|---------|-------------|---------|--------------|---------|
| NV1011PB-1 | 33 | RH-4646 | 116 | SL34-50-5 | 193 | SL50AP3-1 | 196 |
| NV1011SS-1 | 33 | SL1-20-5 | 193 | SL34-60-5 | 193 | SL50BP3-1 | 196 |
| NV1012PB-1 | 33 | SL1-40-5 | 193 | SL34-80-5 | 193 | SL50BP3-7 | 194 |
| NV1012SS-1 | 33 | SL1-XX-1 | 192 | SL34-90-5 | 193 | SL50BP3R-1 | 196 |
| NV2001PB-1 | 33 | SL10-40-5 | 193 | SL34-XX-1 | 192 | SL50BP3R-7 | 194 |
| NV2001SS-1 | 33 | SL10-XX-1 | 192 | SL35-20-5 | 193 | SL50P1-1 | 196 |
| NV2002PB-1 | 33 | SL11-XX-1 | 192 | SL35-30-5 | 193 | SL50P3-1 | 196 |
| NV2002PB-7 | 33 | SL13-20-5 | 193 | SL35-40-5 | 193 | SL50P3R-1 | 196 |
| NV2002SS-1 | 33 | SL13-60-5 | 193 | SL35-50-5 | 193 | SL50SSP1-1 | 196 |
| NV2002SS-7 | 33 | SL13-XX-1 | 192 | SL35-XX-1 | 192 | SL50SSP3-1 | 196 |
| NV2011PB-1 | 33 | SL14-20-5 | 193 | SL36-20-5 | 193 | SL50SSP3-7 | 194 |
| NV2011SS-1 | 33 | SL14-30-5 | 193 | SL36-30-5 | 193 | SL50SSP3R-1 | 196 |
| NV2012PB-1 | 33 | SL14-40-5 | 193 | SL36-40-5 | 193 | SL50SSP3SB-1 | 196 |
| NV2012PBG-7 | 33 | SL14-50-5 | 193 | SL36-50-5 | 193 | SL513HBP3-1 | 196 |
| NV2012PBR-7 | 33 | SL14-60-5 | 193 | SL36-60-5 | 193 | SL513HBP3R-1 | 196 |
| NV2012SS-1 | 33 | SL14-XX-1 | 192 | SL36-70-5 | 193 | SL513HP3-1 | 196 |
| NV2012SSG-7 | 33 | SL15-XX-1 | 192 | SL36-80-5 | 193 | SL513HP3R-1 | 196 |
| NV2012SSR-7 | 33 | SL16-30-5 | 193 | SL36-90-5 | 193 | SL514HSSP3-1 | 196 |
| NV3011SS-1 | 33 | SL16-XX-1 | 192 | SL36-XX-1 | 192 | SL52BP3R-1 | 196 |
| NV3012SS-1 | 33 | SL18-XX-1 | 192 | SL37-XX-1 | 192 | SL52P3-1 | 196 |
| NV3012SSG-7 | 33 | SL2-40-5 | 193 | SL38-XX-1 | 192 | SL52P3R-1 | 196 |
| NV3012SSR-7* | 33 | SL2-XX-1 | 192 | SL3HBP3-1 | 195 | SL52SSP3-1 | 196 |
| NV4012SSG-7 | 33 | SL20-XX-1 | 192 | SL3HBP3-7 | 194 | SL52SSP3R-1 | 196 |
| NV4012SSR-7 | 33 | SL25-XX-1 | 192 | SL3HP1-1 | 195 | SL54BP3-1 | 196 |
| NV5012PB-1 | 33 | SL26-XX-1 | 192 | SL3HP3-1 | 195 | SL54BP3R-1 | 196 |
| NV5012SS-1 | 33 | SL27-XX-1 | 192 | SL3HSSP3-1 | 195 | SL54P1-1 | 196 |
| NV6LC1-10-1 | 40 | SL28-XX-1 | 192 | SL4-XX-1 | 192 | SL54P3-1 | 196 |
| NV6LC1-10A7 | 40 | SL29-XX-1 | 192 | SL40BP3-1 | 195 | SL54SSP3-1 | 196 |
| NV6LC1-10BP1 | 40 | SL3-60-5 | 193 | SL40BP3-7 | 194 | SL55BP3-1 | 197 |
| NV6LC1-12-1 | 40 | SL3-XX-1 | 192 | SL40P1-1 | 195 | SL55BP3R-1 | 197 |
| NV6LC1-12BP1 | 40 | SL30-20-5 | 193 | SL40P3-1 | 195 | SL55P3-1 | 197 |
| NV6LC1-14-1 | 40 | SL30-40-5 | 193 | SL40SSBP3-1 | 195 | SL55P3R-1 | 197 |
| NV6LC1-14-7 | 40 | SL30-60-5 | 193 | SL40SSP3-1 | 195 | SL55SSP3-1 | 197 |
| NV6LC1-14A7 | 40 | SL30-XX-1 | 192 | SL40SSP3-7 | 194 | SL57BP3-1 | 197 |
| NV6LC1-14BP1 | 40 | SL31-20-5 | 193 | SL44BP3-1 | 195 | SL57P3-1 | 197 |
| NV6LC1-14BP7 | 40 | SL31-30-5 | 193 | SL44BP3R-1 | 195 | SL57SSBP3-1 | 197 |
| NV6LC1-16-1 | 40 | SL31-40-5 | 193 | SL44P3-1 | 195 | SL57SSP3-1 | 197 |
| NV6LC2-10-1 | 40 | SL31-XX-1 | 192 | SL44P3R-1 | 195 | SL57SSP3R-1 | 197 |
| NV6LC2-10-7 | 40 | SL32-20-5 | 193 | SL44SSP3-1 | 195 | SL58BP3-1 | 197 |
| NV6LC2-14-1 | 40 | SL32-30-5 | 193 | SL46P3-1 | 195 | SL58BP3-7 | 194 |
| NV6LC2-14-7 | 40 | SL32-XX-1 | 192 | SL46P3R-1 | 195 | SL58BP3R-1 | 197 |
| NV6LC2-14BP1 | 40 | SL33-20-5 | 193 | SL46SSBP3-1 | 195 | SL58P1R-1 | 197 |
| NV6LC2-14BP7 | 40 | SL33-30-5 | 193 | SL46SSP3-1 | 195 | SL58P3-1 | 197 |
| NV6SP1-10-1 | 40, 42 | SL33-40-5 | 193 | SL46SSP3-7 | 194 | SL58P3R-1 | 197 |
| NV6SP1-12-1 | 40, 42 | SL33-50-5 | 193 | SL46SSP3R-1 | 195 | SL58SSBP3R-1 | 197 |
| NV6SP1-14-1 | 40, 42 | SL33-60-5 | 193 | SL48BP3R-1 | 195 | SL58SSP3-1 | 197 |
| NV6SP1-16-1 | 40, 42 | SL33-XX-1 | 192 | SL48P3-1 | 195 | SL58SSP3-7 | 194 |
| NV6SP2-10-1 | 40, 42 | SL34-120-5 | 193 | SL48P3R-1 | 195 | SL58SSP3R-1 | 197 |
| NV6SP2-14-1 | 40, 42 | SL34-20-5 | 193 | SL48SSP3-1 | 195 | SL59BP325-1 | 197 |
| RH-46 | 116 | SL34-30-5 | 193 | SL503HBP3-1 | 196 | SL59P325-1 | 197 |
| RH-46-1 | 116 | SL34-40-5 | 193 | SL503HP3-1 | 196 | SL60BP3-1 | 197 |



| PART NO | PAGE NO | PART NO | PAGE NO | PART NO | PAGE NO |
|---------------|---------|----------------|---------|------------|---------|
| SL60P3-1 | 197 | SP-3004-R | 227 | ST29-XX-1 | 192 |
| SL61-BS-1 | 197 | SP-3004-R-T | 227 | ST30-20-5 | 193 |
| SL61SSBS-1 | 197 | SP-3004-T | 227 | ST30-40-5 | 193 |
| SL62-BS-1 | 198 | SP-3204 | 227 | ST30-60-5 | 193 |
| SL62P3-1 | 198 | SP-3204-R | 227 | ST30-XX-1 | 192 |
| SL62SSBS-1 | 198 | SP-3204-R-T | 227 | ST31-20-5 | 193 |
| SL63-BS-1 | 197 | SP-3204-T | 227 | ST31-30-5 | 193 |
| SL63-BSB-1 | 197 | SP-37904 | 224 | ST31-40-5 | 193 |
| SL63SSBS-1 | 197 | SP-37914 | 224 | ST31-XX-1 | 192 |
| SL64-BS-1 | 194 | SP-39004 | 225 | ST32-20-5 | 193 |
| SL64SSBS-1 | 194 | SP-39204 | 225 | ST32-30-5 | 193 |
| SL65BP3-1 | 198 | SP-400-RB | 165 | ST32-XX-1 | 192 |
| SL65BP3-7 | 194 | SP-4000-ADJ-RB | 165 | ST33-20-5 | 193 |
| SL65BP325-1 | 198 | SP-402 | 165 | ST33-30-5 | 193 |
| SL65P3-1 | 198 | SP-410 | 165 | ST33-40-5 | 193 |
| SL65P325-1 | 198 | SP-411 | 179 | ST33-50-5 | 193 |
| SL65SSP3-1 | 198 | SP-416 | 165 | ST33-60-5 | 193 |
| SL65SSP3-7 | 194 | SP-421-RB | 165 | ST33-XX-1 | 192 |
| SL66SSBS-1 | 197 | SP-424-ADJ-RB | 165 | ST34-120-5 | 193 |
| SL68-BS-1 | 194 | SP-429-RB | 165 | ST34-20-5 | 193 |
| SL69-BS-1 | 194 | SP-436-ADJ-RB | 165 | ST34-30-5 | 193 |
| SL69SSBS-1 | 194 | SP-64839 | 228 | ST34-40-5 | 193 |
| SL69SSBS-7 | 194 | SP-66839 | 228 | ST34-50-5 | 193 |
| SL70-BS-1 | 194 | SP-67739 | 228 | ST34-60-5 | 193 |
| SL72SSBS-1 | 198 | SP-67739-T | 228 | ST34-80-5 | 193 |
| SL73SSBS-1 | 198 | SP-67749 | 228 | ST34-90-5 | 193 |
| SL74SSBS-1 | 194 | SP-67904 | 225 | ST34-XX-1 | 192 |
| SL75-SSBS-1 | 194 | SP-68914 | 224 | ST35-20-5 | 193 |
| SL76SSP3-1 | 198 | SP-69773 | 225 | ST35-30-5 | 193 |
| SL76SSP3R-1 | 198 | SP-7153-T-SS | 225 | ST35-40-5 | 193 |
| SL77P3-1 | 198 | SP-910 | 179 | ST35-50-5 | 193 |
| SP-1002 | 226 | SP-923-009-ADJ | 179 | ST35-XX-1 | 192 |
| SP-14000 | 230 | SP-930 | 179 | ST36-20-5 | 193 |
| SP-15100 | 229 | SP-96008 | 179 | ST36-30-5 | 193 |
| SP-15200 | 229 | SP-96009 | 179 | ST36-40-5 | 193 |
| SP-15900 | 229 | ST10-40-5 | 193 | ST36-50-5 | 193 |
| SP-18914 | 222 | ST10-XX-1 | 192 | ST36-60-5 | 193 |
| SP-19000 | 225 | ST11-XX-1 | 192 | ST36-70-5 | 193 |
| SP-2114 | 227 | ST13-20-5 | 193 | ST36-80-5 | 193 |
| SP-2114-T | 227 | ST13-60-5 | 193 | ST36-90-5 | 193 |
| SP-2134 | 227 | ST13-XX-1 | 192 | ST36-XX-1 | 192 |
| SP-2134-T | 227 | ST14-20-5 | 193 | ST37-XX-1 | 192 |
| SP-2164 | 227 | ST14-30-5 | 193 | ST39-XX-1 | 192 |
| SP-2164-T | 227 | ST14-40-5 | 193 | | |
| SP-2244 | 227 | ST14-50-5 | 193 | | |
| SP-2244-ADJ | 227 | ST14-60-5 | 193 | | |
| SP-2244-ADJ-T | 227 | ST14-XX-1 | 192 | | |
| SP-28911 | 224 | ST15-XX-1 | 192 | | |
| SP-28913 | 224 | ST20-XX-1 | 192 | | |
| SP-29130 | 225 | ST25-XX-1 | 192 | | |
| SP-3004 | 227 | ST26-XX-1 | 192 | | |



INDEX

ALPHABETICAL

A

| | |
|---|---------|
| Aerator Pumps | 8–9 |
| Anchoring and Mooring Equipment | |
| Anchor Chains | 102 |
| Anchor Control | 102–103 |
| Anchors | 100–101 |
| Shackles | 102 |
| Storage Clips | 107 |
| Antenna Base | 127 |
| Automatic Bilge Pumps, Sahara | 5 |
| Automatic Bilge Switches, S3 Series | 10 |
| Automatic Float Switches | 10 |

B

| | |
|---|---------|
| Battery Boxes | 135 |
| Battery Terminals | 137 |
| Battery Trays | 136 |
| Bilge Pump Installation Kits | 14 |
| Bilge Pumps | |
| Hand-Operated | 13, 150 |
| Heavy-Duty | 6 |
| Sahara Automatic | 5 |
| Tsunami | 7 |
| Bilge Pump Switches | 14 |
| Bimini Top Fittings | |
| Clevis Pin | 183 |
| Deck Hinges | 181 |
| Eye Straps | 183 |
| Jaw Slides | 180 |
| Nylon Fittings | 182 |
| Rail Hinge | 181 |
| Top Caps | 180 |
| Bimini Tops Frames & Accessories | 231–232 |
| Blowers, Turbo In-Line | 25 |
| Boaters Safety Accessories | 130 |
| Boat Hook | 107 |
| Bottle Opener | 134 |
| Bow Eyes | 176 |
| Bow Stops, Rollers & Brackets | 159–162 |

C

| | |
|----------------------------------|-----|
| Car-Top Carriers | 152 |
| Cigarette Lighter | 141 |
| Circuit Breakers | 142 |
| Cleats | |
| Bollard Cleats | 172 |
| Cast Iron Cleats | 174 |
| Combination Neat Cleat | 171 |
| Contemporary Cleats | 172 |
| Flush Cleats | 171 |
| Herreshoff Cleats | 173 |
| Neat Cleat | 170 |
| Nylon Cleats | 174 |
| Whitley Cleats | 172 |
| Zig Zag Cleats | 146 |

D

| | |
|----------------------------|------------|
| Deck Fills | 88, 96, 97 |
| Deck Rigging Kit | 153 |
| Drain Fittings | |
| Cockpit Drains | 23 |
| Drain Cover | 23 |
| Drain Plugs | 23–24 |
| Livewell/Bailer | 24 |
| Drains | 23 |
| Drain Tubes | 24 |
| Drink Holders | 132 |

E

| | |
|----------------------------------|---------|
| Electrical Accessories | 135–144 |
| Electrical Switches | 138–139 |

F

| | |
|---|-----------|
| Fastener Kits | 150, 191 |
| Fenders & Accessories | 104–107 |
| Fender Lines | 112–113 |
| First Aid Kit | 130 |
| Fishing Nets | 123 |
| Fishing Rod Holders & Accessories | |
| Rod Holders | 116–120 |
| Float Switches | 10 |
| Fuel Products | |
| Accessories | 91–93 |
| Carbon Canisters | 87 |
| Fuel Demand Valves | 71 |
| Fuel Filters | 92 |
| Fuel Fittings | 76–80 |
| Fuel Line Kits | 73–75, 95 |
| Fuel Tanks | 69, 94 |
| Fuel Vents | 98 |
| Fuel/Water Separator | 92 |
| Funnels | 91 |
| Integrated Fuel Systems | 82–88 |
| Motor Flushers | 93 |
| Primer Bulbs | 70, 95 |
| P-Trap Vents | 86 |
| Universal Sprayless Connector | 72 |
| Vent Valves | 90–91 |
| Fuse Holders | 138 |



G

| | |
|-----------------------------------|---------|
| Gas Springs & Accessories | |
| Aftermarket Gas Springs | 193 |
| Mounting Brackets | 194–198 |
| OEM Gas Springs | 192 |
| Threaded Studs | 194 |
| Gear Lube Pump | 93 |
| Gunwale Straps | 167 |

H

| | |
|---------------------------------------|-----|
| Handles | 188 |
| Hand Pumps | |
| High-Speed Oil Change Pump | 93 |
| Handrails | 177 |
| Hatch & Door Locks | 187 |
| Hatches | 128 |
| Hatch Hardware | 189 |
| Hawse Pipes | 176 |
| Heavy-Duty Bilge Pumps | 6 |
| Hinges | 184 |
| Cast Stainless Steel Hinges | 184 |
| Flush Hinges | 184 |
| Hatch Hinges | 186 |
| Hitch Ball | 154 |
| Hooks | |
| Chain Links | 190 |
| Eye Bolts | 190 |
| Scissor Hooks | 190 |
| Winch Hook | 190 |
| Horn and Light Base | 42 |
| Horns | 128 |
| Hose Clamps | 91 |
| Hydro-Stabilizers | 93 |

I

| | |
|--|---------|
| In-Line Blower, Turbo | 25 |
| Interior & Boating Accessories | 126–138 |

K

| | |
|-----------------------|-----|
| Kayak | 148 |
| 30° Rod Holder | 149 |
| Cockpit Cover | 148 |
| Crate Pack | 149 |
| Deck Plates | 148 |
| Deck Storage Bag | 148 |
| Sit-On-Top Kayak Seat | 148 |
| Skirt | 148 |
| Kill Switch Keys | 141 |

L

| | |
|----------------------------|--------------|
| Ladders | 127–128 |
| LED Lighting | 43–45, 54–61 |
| Lighting | |
| All-Round Lights | 46–48, 52–54 |
| Anchor/Masthead Lights | 52, 55, 59 |
| Battery Operated Lights | 57, 62 |
| Courtesy Lights | 63 |
| Docking Lights | 58 |
| Interior / Exterior Lights | 62 |
| LightArmor | 45–60 |
| Livewell & Bulkhead Lights | 63 |
| Micro Lights | 63 |
| Plug-In Bases | 49–51 |
| Pole Lights | |
| Fold-Down | 52–53 |
| Folding | 46 |
| Stowaway | 41–42, 48 |
| Telescoping | 48 |
| Sidelights | 33 |
| Trailer Lights | 154–155 |
| Transom Light | 56 |
| Waketower Lights | 54 |
| Lighting Accessories | |
| Replacement Lamps | 64 |
| Replacement Lenses | 66 |
| Storage Clips | 64 |
| Liquid Electrical Tape | 141 |
| Livewell Aerator Switch | 14 |
| Locks | 155 |

M

| | |
|----------------------------|---------|
| Maintenance Products | 124 |
| Marine Ropes & Cordage | |
| Anchor Line | 109 |
| Bungee Cord | 115–116 |
| Dock Line | 110–111 |
| Utility Line | 113–114 |
| Winch Ropes | 115 |
| Mesh/Strainer Drain Filter | 22 |
| Mirrors | 131 |
| Motor Covers—Custom Fit | 232 |



N

| | |
|-------------------------------|-------|
| Navigation Lighting | 33-63 |
| Neat Cleat | 170 |
| Nets, Fishing | 123 |
| Nylon Boat Fittings | 182 |

O

| | |
|---------------------------|----------|
| Oarlocks | 146, 191 |
| OEM Gas Springs | 192 |

P

| | |
|--|---------|
| Paddles | 145 |
| Paddle Sports Accessories | 144-151 |
| Deck Storage Bag | 149 |
| Paddlesports Hardware | 150-151 |
| Paddlesports Transportation & Storage | 152-153 |
| Plumbing System Fittings | 16 |
| Poles, Boat Cover Support | 234 |
| Pulsar Lighting Products | 41-42 |
| Pump Accessories | |
| Aerator Remote Mounting Bracket | 15 |
| Aerator Spray Heads | 15 |
| Check Tees | 15 |
| Pumps | |
| Aerator Pumps | 8-9 |
| Bilge Pumps | 5-7 |
| Faucet and Hand Pumps | 13 |
| Potable Water Pump | 12 |
| Self-Priming Washdown Pump | 12 |
| WaterBuster Portable Pump | 13 |

R

Recirc Aerator Kit 14
Rod Storage. 122
Rollers , Trailering 159-160, 162

S

S3 Series Automatic Bilge Switch 10
Safety Products 128-130
Sahara Automatic Bilge Pumps 5
Scupper Valve Fittings 17-22
Sealants 15, 124
Seating, Upholstered
 Aergo Seating Systems 203-205
 Attwood Classic Seating 211
 Avenir Sport
 Seating Systems 205-206
 Centric Contour
 Seating Systems 209-210
 Centric Seating Componets. 209-211
 Centric X Seating Systems 207-208
 Fishing Seats 214
 PROForm Seating Systems 213
 Venture Seating Systems 212
Seat Pedestals
 238 Series 2-3/8" Products 218-219
 278 Series 215-216
 ABYC Requirements 200
 Accessories 227-229
 Lock'N-Pin 3/4"
 Pin Products 224-228
 Snap-Lock 1.77" Products 223
 Wedge 2" & 2-3/8" Products 222
Showers
 Aft-Deck 12
 Cold Water 12
Signal Horns 128
Ski Pylon Replacement Parts 179
Ski Tows 178
Snubbers 106
SoftSide Mooring
 & Dock Fenders 104-105
Steering Wheels 126
Storage 133-135
Swivel Hasps 186

T

Thru-Hulls 17-22
Tire Carrier 163
Trailer Guide Protectors 163
Trailering Parts & Accessories
 Tie-Downs 166-169
 Trailer Dolly 156
 Trailer Jack 156
 Trailer Lights 154-155
 Trailer Safety Chain 154
 Trailer Wiring 155
 Winch Cable & Ropes 158
Transom Savers 165
Transom Tie-Down Straps 166
Trolling Motor Connectors 140
Trolling Motor Tie-Down 143
Tsunami Pumps & Accessories 7-9, 14



U

| | |
|---|---------|
| Underwater Lights | 59–61 |
| Universal Sprayless Connector | 72 |
| Utility Line | 113–114 |

V

| | |
|--------------------------------|-------|
| Vents | |
| Clamshell Vents | 28 |
| Collector Boxes | 26–28 |
| Cowl Ventilator | 28 |
| Louvered Vents | 26–27 |
| Modular Vents | 28 |
| Storage Vent | 28 |
| Twist-On Hose Flange | 28 |
| Venturi Vents | 27 |

W

| | |
|-------------------------------------|---------|
| WaterBuster Portable Pump | 13 |
| Water Ski Hardware | 178–179 |
| Wheel Bearing Kits | 164 |
| Whistles | 129 |
| Winches | 157 |

SALES POLICY

Prices

Please refer to the current Attwood price schedule for current prices and policies. Prices apply to standard pack quantities only. Orders will be rounded to the nearest standard pack.

Claims

Attwood products are carefully inspected and packaged to assure that they will reach you in good condition.

Product damage or loss occurring in transit is the responsibility of the carrier. In the event of such loss, you must advise the carrier within 15 days after delivery and secure the carriers notation of damage or shortage in the freight bill. We suggest you file a claim with the carrier immediately thereafter. We will give you all reasonable assistance in tracing shortages and filing claims.

Minimum Order

Individual items must be ordered in assortments which total \$250.00 or more per order to one location. Orders less than \$250.00 will be subject to a \$25.00 handling charge.

Returns

Any Product Return Must Have Prior Return Authorization

Non-Defective Product: Attwood will not accept any non-defective returns, unless due to the fault of Attwood.

Non-defective product returns will be subject to a minimum 25% handling charge, or will be returned to the customer at their expense.

Defective Product: Credit will not be issued for defective product without written authorization. Return requests must be mailed to our offices and must include an itemized list of materials to be returned, the reasons for return, and the date and number of the Attwood invoice.

Specifications

Weight and dimensions are subject to variation within reasonable tolerances. All items are subject to design improvement change.

Attwood is a member of the National Marine Manufacturers Association. Where stated, Attwood designs its products to comply with all applicable Federal Regulations and with American Boat and Yacht Council (ABYC) standards.

Attwood assures all participants in the National Marine Manufacturers Association (NMMA) boat certification program that, where stated, Attwood products are designed to meet or exceed NMMA recommendations and ABYC standards.

See Next Page For Warranty Information.

To Place An Order Or Inquiry—

Phone: (616) 897-2290 Between 8:00 A.M. And 5:00 P.M. EST

Fax: (616) 897-8358

ATTWOOD LIMITED WARRANTY

Attwood Corporation, 1016 North Monroe, Lowell, Michigan 49331 (“Attwood”) warrants to the first retail purchaser of its products that Attwood will replace or repair the product, at its sole discretion, if any defects in material or workmanship are reported within the applicable warranty periods set out below from the date of the first retail purchase, subject to the remedies, exclusions, and limitations in this Limited Warranty. This limited warranty is effective for all Attwood products purchased after May 1, 2009.

1. **Boat Covers and Tops:** *Attwood will apply the below percentages of the original purchase price of the boat cover as a discount off of the cost of a replacement boat cover for each of the prorated warranty periods set out below.

a. Silver Coat, Road Ready™, Snug Harbor Silver Series, and Custom Boat Covers: 3 years Prorated

| <i>From Purchase Date</i> | <i>Discount*</i> | <i>From Purchase Date</i> | <i>Discount*</i> |
|---------------------------|------------------|---------------------------|------------------|
| 1st Full Year | 100% | 3rd Full Year | 33% |
| 2nd Full Year | 67% | | |

b. Road Max™ Boat Covers: 4 years Prorated

| <i>From Purchase Date</i> | <i>Discount*</i> | <i>From Purchase Date</i> | <i>Discount*</i> |
|---------------------------|------------------|---------------------------|------------------|
| 1st Full Year | 100% | 3rd Full Year | 50% |
| 2nd Full Year | 75% | 4th Full Year | 25% |

c. Snug Harbor Titanium Series, Road Max™ 600 Boat Covers and Acrylic and Vinyl Bimini Tops: 5 years Prorated

| <i>From Purchase Date</i> | <i>Discount*</i> | <i>From Purchase Date</i> | <i>Discount*</i> |
|---------------------------|------------------|---------------------------|------------------|
| 1st Full Year | 100% | 4th Full Year | 40% |
| 2nd Full Year | 80% | 5th Full Year | 20% |
| 3rd Full Year | 60% | | |

d. Boaters Best™ Boat Covers: 6 years Prorated

| <i>From Purchase Date</i> | <i>Discount*</i> | <i>From Purchase Date</i> | <i>Discount*</i> |
|---------------------------|------------------|---------------------------|------------------|
| 1st Full Year | 100% | 4th Full Year | 49% |
| 2nd Full Year | 83% | 5th Full Year | 32% |
| 3rd Full Year | 66% | 6th Full Year | 15% |

e. Boaters Best™ Ultimate Boat Covers: 8 years Prorated

| <i>From Purchase Date</i> | <i>Discount*</i> | <i>From Purchase Date</i> | <i>Discount*</i> |
|---------------------------|------------------|---------------------------|------------------|
| 1st Full Year | 100% | 5th Full Year | 50% |
| 2nd Full Year | 88% | 6th Full Year | 37% |
| 3rd Full Year | 75% | 7th Full Year | 25% |
| 4th Full Year | 63% | 8th Full Year | 12% |

2. **Pumps:**

- a. Heavy Duty Bilge Pumps Installed on Recreational/Pleasure Boats (Part Numbers 4030, 4040, 4060, 4070): 3 years**
- b. Heavy Duty Bilge Pumps Installed on Commercial Boats (commercial use is defined as any work or employment related use of the product even if only occasionally used for such purposes) (Part Number 4030,4040,4060,4070): 1 year**
- c. Sahara Series Automatic Bilge Pumps (Part Numbers 4505, 4507, 4508, 4511): 3 years**
- d. Tsunami Series Cartridge Bilge and Aerator Pumps (Part Numbers 4606, 4608, 4609, 4612, 4613, 4620, 4622, 4623, 4624, 4625, 4640, 4650, 4651, 4660, 4661, 4670, 4672): 3 years**

| | |
|---|-------------------------|
| 3. Automatic Float Switch (Part Numbers 4201, 4202): | 3 years |
| 4. Digital Bilge Switch (Part Numbers 4801, 4802): | 3 years |
| 5. Bilge Blowers: | |
| a. Water-Resistant Turbo Bilge Blowers (Part Numbers 1733, 1743, 1749 and 1751): | 3 years |
| b. Standard (Non Water-Resistant) Turbo Bilge Blowers (Part Numbers 1731, 1741 and 1747) except when used in applications which allow contact with liquids (Exception No. 2): | 1 year |
| 6. LED Lights: | 5 years |
| 7. Pro-Series Rod Holders: (Part Numbers 5010 and 5010W): | 5 years |
| 8. Pro-Series Combo Rod Holder Mounts: (Part Numbers 5011, 5012 and 5016): | 3 years |
| 9. Attwood Rod Holders: (Part Numbers 5009 and 5009W): | 3 years |
| 10. Attwood Fuel Products: | 2 years |
| 11. ZAMAK Hardware, or Perma-Plate Parts: | 2 years |
| 12. Attwood Cast Stainless Steel Hardware: | Life of the Boat |
| 13. All other Attwood and Swivl-Eze Brand Products: | 1 year |

Other Limitations: EXCEPT AS SET FORTH HEREIN, THERE ARE NO OTHER WARRANTIES EITHER EXPRESS OR IMPLIED PROVIDED BY ATTWOOD ON THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE EXPRESSLY EXCLUDED. ATTWOOD FURTHER DISCLAIMS ANY LIABILITY FOR ECONOMIC LOSS ARISING FROM CLAIMS OF PRODUCT FAILURE, NEGLIGENCE, DEFECTIVE DESIGN, MANUFACTURING DEFECT, FAILURE TO WARN AND/OR INSTRUCT, LACK OF SEAWORTHINESS, AND ANY OTHER THEORY OF LIABILITY NOT EXPRESSLY COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY. TO THE EXTENT REQUIRED BY LAW ANY IMPLIED WARRANTY IS LIMITED TO THE DURATION OF THE RESPECTIVE EXPRESS LIMITED WARRANTIES STATED HEREIN. TO THE EXTENT ALLOWED BY LAW NEITHER ATTWOOD, NOR THE SELLING DISTRIBUTOR SHALL HAVE ANY RESPONSIBILITY FOR LOSS OF USE OF THE PRODUCT OR THE BOAT, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS OR INCIDENTAL AND CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT BE APPLICABLE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT BE APPLICABLE. THIS WARRANTY GIVES THE OWNER SPECIFIC LEGAL RIGHTS, AND THE OWNER MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE. RETAIL CUSTOMERS IN THE EUROPEAN ECONOMIC AREA (EEA) MAY HAVE LEGAL RIGHTS UNDER APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF RETAIL GOODS WHICH ARE NOT AFFECTED BY THIS LIMITED WARRANTY. THE RETAIL CUSTOMER'S LEGAL RIGHTS UNDER ANY APPLICABLE NATIONAL LEGISLATION REGARDING THE SALE OF RETAIL GOODS SHALL NOT BE AFFECTED. You can receive information relating to privacy and to this limited warranty in Europe on www.attwoodmarine.com and by contacting Attwood at the address listed on next page.

Sole Remedy: In no event shall any repair or replacement under this Limited Warranty exceed the fair market value of the product as of the date of the owner's claim. THE REMEDY OF REPAIR OR REPLACEMENT OF PARTS OR MATERIALS FOUND TO BE DEFECTIVE IN FACTORY MATERIALS OR WORKMANSHIP COVERED BY THIS LIMITED WARRANTY SHALL CONSTITUTE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST ATTWOOD FOR ANY CLAIMS WHATSOEVER OF ECONOMIC LOSS RESULTING FROM PRODUCT FAILURE.

Acceptance of any product returned or any refund provided by Attwood shall not be deemed an admission that the product is defective. Products that are replaced become Attwood's property. The terms and conditions contained in this limited warranty may not be modified, altered or waived by any action, inaction, or representations, whether oral or in writing, except upon the express, written authority of a management level employee of Attwood.

Exclusions: This Limited Warranty does not apply to the following items:


1. Any Attwood products used in other applications than on pleasure boats, including but not limited to non-marine use or use on boats which are utilized for racing or commercial purposes, with the exception of the Heavy Duty Bilge Pumps installed on commercial boats (see 1b, above) (Part Numbers 4030,4040,4060,4070).
2. Any non water-resistant Turbo Bilge Blowers (Part Numbers 1731, and 1741) used in applications which allow direct contact with water or other liquids.
3. Due to wind velocity encountered when boats are trailered, only Snug Harbor™ Silver Series, Snug Harbor™ Titanium Series, Silver Coat, Road Ready™, Road Max™, Road Max™ 600, Boaters Best™, Boaters Best™ Ultimate, and Custom boat covers, when properly tied down, are warranted as suitable for use in connection with towing on a trailer. No warranty is extended on any other boat covers when used in connection with a trailered boat.
4. Damage to the boat cover or to any other property or any injury resulting from the failure to properly tie down a boat cover before towing is not covered.
5. Ancillary equipment used or associated with Attwood products, including but not limited to, batteries, fuses, electric light bulbs, lamps, or sealed beam units.
6. Any product damaged by accident, acts of nature, improper installation, unreasonable or improper use, lack of proper maintenance, unauthorized repairs or modifications, abuse, normal wear or tear, or other causes not arising from defects in materials or workmanship.
7. Any expenses involved in the removal, reinstallation, or transportation of the product.
8. Any product damaged by the failure of the owner to use, maintain, or store the product as specified in any instructions.
9. Any boat cover torn or ripped because of forcing the fabric over sharp edges or corners, failing to protect the fabric from sharp objects, or allowing water, snow or ice to pool or puddle on the product.
10. Any boat cover fabric discoloration, or failure due to chemical exposure such as bird droppings, tree sap, gas, and oil or mildew due to water, snow or ice, dirt, leaves, pine needles resting on the product or the product stored while damp.
11. Any defect or repair requiring redesign of the Attwood product, except pursuant to the recall provisions of the United States Federal Boat Safety Act of 1971 or the recall laws of any other foreign jurisdiction.

Owner's Obligations: It is the responsibility of the purchaser to return the product to Attwood at the address below, postage pre-paid, and insured with proof of original purchase including date.

Attwood Corporation
1016 North Monroe
Lowell, Michigan 49331
Phone: 616-897-2290

Internet Address:
www.attwoodmarine.com

CALIFORNIA PROPOSITION 65 OVERVIEW

| | |
|--|--|
| What is Proposition 65? | Proposition 65 requires businesses to provide warnings to Californians about significant exposures to chemicals that cause cancer, birth defects or other reproductive harm. This enables Californians to make informed decisions about their exposures to these chemicals. Proposition 65 requires California to publish a list of chemicals known to cause cancer, birth defects or other reproductive harm. This list, which must be updated at least once a year, has grown to include approximately 900 chemicals since it was first published in 1987. |
| What does the warning look like? |  WARNING Cancer and Reproductive Harm – www.P65Warnings.ca.gov |
| What does a warning mean? | The product number associated with the warning could expose individuals to one or more of the chemicals on the list. |
| How do I learn more about Proposition 65? | Visit this website to learn more about Proposition 65. https://www.p65warnings.ca.gov/ |
| Where do I find answers related to businesses? | https://www.p65warnings.ca.gov/sites/default/files/art_6_business_qa.pdf |

MARINE PRODUCTS COLLECTION 2020



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WWW.ATTWOODMARINE.COM
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PARTICIPATING MEMBER OF

