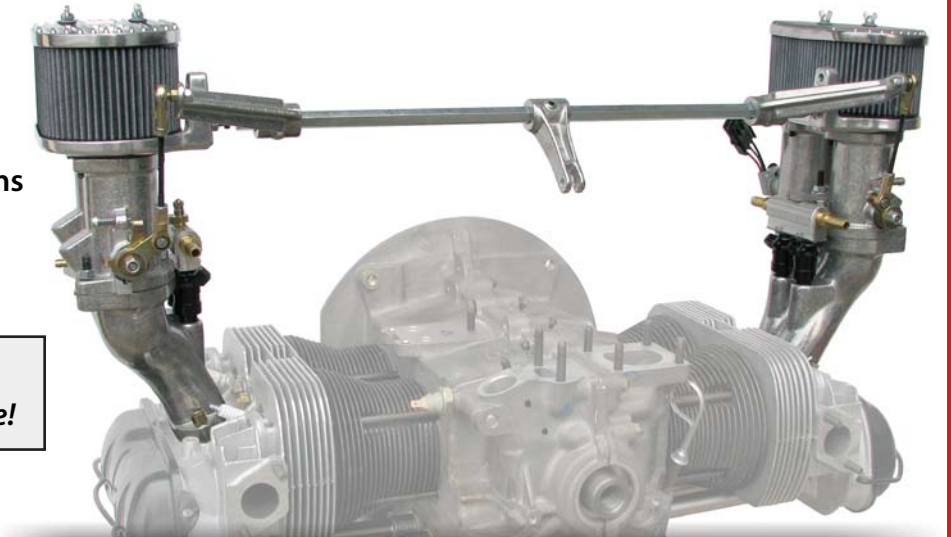




Gen4 EFI System (Naturally Aspirated or Turbo)

- Increase Power
- Cleaner Emissions
- Low-End Torque
- Increase MPG
- Throttle Response
- Easy Starting

Completely redesigned with an extensive new list of features and ALL NEW software!



ECU features:

- 32bit processor, Marine grade locking connectors, 4mb of internal storage
- 8 High or Low impedance Injector drivers.
- 4 On board Direct Fire Ignition Drivers. Each driver can fire up to 2 coils.
- 8 Smart Coil drivers
- VR Crank and Cam Input (36-1 Trigger Wheel supported for crankshaft position)
- Hall Effect Crank and Cam Input
- Coil Negative input (also accepts this input as a ignition timing control through points or points replacement modules)
- 8 Analog 0-5 volt inputs
- 8 Digital Inputs
- On Board 2.5 Bar MAP sensor or external 1,2,3 or 5 Bar MAP input
- On Board Barometer sensor (Adjusts tune automatically for altitude)
- 4 On Board Wideband O2 sensors
- 4 On Board K-Type EGT controllers
- H-Bridge Idle Air Control
- Gas, Methanol or E-85 Compatible (AFR displayed in gas scale)
- Boost Controller
- Water/Meth Controller
- 6 Outputs (1-amp max each)
- Rev-Limiter and 2-Step Rev Limiter
- 2 stage Dry Nitrous Control
- Lean A/F protection

Software Features:

- 20x20 Fuel, Ignition, Air Fuel Ratio, High/Low learn limits, Water/Meth Table Sizes.
- Speed Density or Alpha-N configurable load boundaries
- Pulse Width or VE based Fuel Table tuning strategies
- Individual Ignition coil trim
- Individual injector trim, including Idle - Midrange and wide open throttle
- Assisted tuning strategy via closed loop and learning, user selectable
- Adjustable Spark Dwell based on load and Temperature
- Temperature based timing compensation
- Internal data logger allows you to export data after run or tuning session
- Turbo Over boost and Anti-lag
- Sensor low and high limits settings, with sensor fail defaults
- Temperature based enrichment settings
- Air Intake Temp Compensation
- Selectable Voltage Injector trim
- Staged Injection via TPS and/or MAP
- Single or 2 stage Nitrous Oxide Control
- Lean fuel protection

7075	CB's Gen4 EFI System (Naturally Aspirated or Turbo)
7078	CB's Gen4 EFI Wiring Harness
7079	CB's Gen4 EFI Wide Band Upgrade

Take full control of your engine's fuel delivery and ignition system!

Simply the BEST EFI System we've ever offered!

Features an all new Dashboard Screen with 13 gauge layout.



NOTE: Requires a Windows-based computer with Windows XP, Windows Vista, Windows 7, Windows 8 or Windows 10. Does not work with MacOS, iOS, WinRT, or Android.



Gen4 Naturally Aspirated Kits include the following:

- Gen4 ECU
- Wiring Harness
- Wideband O2 Sensor and bung
- Linkage Kit
- Linkage Crossbar
- Injectors w/Clips
- Gasket Set
- Fuel Rails
- #7132 Cylinder Head Temp Sensor
- #7163 Fuel Pressure Sensor
- #7133 Intake Air Temp Sensor
- Hardware Kit
- #7315t Fuel Pump
- #7138 14mm Full Flow Fuel Filter

- #7161 Fuel Pressure Regulator
 - #3179 Fuel Pump Block Off Plate
 - Fuel Tee
 - Manifolds
 - Throttle Bodies
 - Rubber Hose
 - Air Cleaner Bases, Tops, Hardware
 - Air Cleaner Elements (3 1/4")
 - (4) Velocity Stacks
 - Serial Cable and USB Adapter
 - Instruction Manual and CD
- (all hardware, hoses, clamps, fittings and gaskets are listed on our website)*



Gen4 Turbo Kits also include these additional items:

- #7489 Hybrid Turbo
- Turbo Header
- Modified A/C Bases, Pressure Covers
- Pressure Pipe (T)
- Extension Pipe (S)
- Air Cleaner Pipe (J)
- #7250 2.5" Air Cleaner
- #7637 Racing Turbo Exhaust Tail Pipe
- #7241 TurboSmart Waste Gate
- #1770 Drilled Thin Line Oil Sump

**CALL TO ORDER
1-800-274-8337**

Gen4 Touch Screen Display

Engineered to work with CB's Gen4 EFI, it's an affordable alternative for customers who are looking to add an LCD touch-screen to their vehicles, allowing them to monitor critical engine parameters from the driver's seat! You can use it to configure warnings, alarms and also to set and recall max/min values of monitored data. **NOTE: Gen4 ECU's w/Serial #'s 4001 through 4200 will require a firmware update.**



7076 CB's Gen4 Touch Screen Display

Water-Methanol Injection Kit

- Increase horsepower safely by 10-15%
- Lower air temperatures by 50 to 200°+
- Increase octane when you need it under boost
- Reduce cylinder temperatures up to 300°+
- No wear issues - just clean combustion chambers
- Allows you to safely run more boost and timing

For use with CB's Gen4 Turbo EFI Kit, or as a stand-alone kit.



7060 Water-Methanol Injection Kit

Micro Cam-Sync

Sequential spark requires the EFI ecu to know where #1 cylinder is in the firing order of the engine.

The use of a Micro Cam-Sync is the easiest way of accomplishing this task. The cam sync replaces the distributor, triggering the EFI ECU when #1 cylinder is reached in the firing order. The ECU then fires each coil individually based on the firing order of the engine.



7073 Micro Cam-Sync

Replacement ECU's

The #7072 does not work with Mac OS, or Windows 7, but does work with Windows 8! Replacement ECU for QuickTune EFI System. Please contact Pat or Mark at CB Performance for help with initial programming.

A Gen4 EFI Replacement ECU is also available.



7072 CB's QuickTune EFI - Replacement ECU

7077 CB's Gen4 EFI - Replacement ECU

Replacement Crankshaft Position Sensor

Replacement sensor for Crank Trigger Ignition Systems.

Fits CB #2092, #2093 & #2094.



7134 Replacement Crankshaft Position Sensor

**CHECK US OUT
ONLINE AT
cbperformance.com**

**And Follow us on Social Media:
[Facebook.com/CBperformance](https://www.facebook.com/CBperformance)
[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)**

All-In-One Turbo Hideaway Kit

Includes most everything you need to convert your engine into a Turbo-powered Beast! Add Aluminum Pressure Covers, S/S Hose Clamps, and either EFI or carburetors and you're good to go!

The Turbo is a #7489 T03/T04 Hybrid Turbo with a 0.63 A/R Exhaust Housing P-Trim Turbine Wheel, H-Trim Compressor Housing (0.70 A/R), and a 59mm Compressor Wheel.

The Silicon Ducting Hose is available in BLACK, BLUE or RED.

Included in the #7169 kit (but also available separately) is the #7170 Hideaway Turbo Oil Drain Kit, featuring our #1770 Thin Line Oil Sump, drilled and tapped, including all the pieces you'd need to setup your Turbo Drain properly.

The #7171 Hideaway Turbo Oil Pressure Kit, features 6" Metal Braided Line, an Oil Feed Block and a few couplers to keep your turbo system properly pressurized.

Lastly, we've also included a #7172 Hideaway Turbo Hardware Pack, with Twelve 8 x 35 Allen Bolts, Twelve 8 x 11 nuts, Twenty-four 8mm washers and Four 8 x 35 Studs.



7169	All-In-One Turbo Hideaway Kit
7170	Hideaway Turbo Oil Drain Kit
7171	Hideaway Turbo Oil Pressure Kit
7172	Hideaway Turbo Hardware Kit

Gen4 Boost Control Upgrade

Tired of buying expensive boost level springs for your waste gate?

Adding the CB Gen4 Boost Control Upgrade in conjunction with the #7075t Gen4 Turbo EFI System allows for easy control of boost, turbo anti-lag and even over boost protection - a must have for hot street cars and race cars.



2091 Gen4 Boost Control Upgrade

Idle Air Control Motor Kit

Civilize your cold starts!

The Idle Air Control Motor Kit electronically controls idle speed through the Gen4 EFI system. Bypasses vacuum on a cold engine to help raise up the idle RPM's during engine warm up. CB highly recommends this Idle Air Control Motor Kit for vehicles that are running an aftermarket Air Conditioning setup.



7330 Idle Air Control Motor Kit



“Perfect for our Hideaway Turbo kits!”

T03/T04 Hybrid Turbo

This turbo is capable of producing 450+ horsepower!

- Your choice of a 0.48, .63 or .82 A/R Exhaust Housing Stage 3 Turbine Wheel
- H-Trim Compressor Housing (0.70 A/R)
- 59mm Compressor Wheel
- 2 3/4" inlet diameter, 2" outlet diameter
- An External WasteGate (#7241) is required to provide design flexibility and precise boost control.

A/R Size	0.48	0.63	0.82
Part #	7488	7489	7490



TurboSmart Accessories

- Small and lightweight, with high-end features and build quality
- Suitable for all turbo-charged vehicles with an external wastegate
- Street and racing applications.
- Flanges suit 1.50" OD pipe



7241	Wastegate - Ultragate38 by TurboSmart
7242	1/16 NPT to -3 AN Fitting for the TurboSmart Ultragate38
7245	Billet Wastegate Pressure Diaphragm - molded silicon
7252	5 PSI Inner Spring for TurboSmart Wastegate
7253	7 PSI Outer Spring for TurboSmart Wastegate
7254	3 PSI Inner Spring for TurboSmart Wastegate



- Easy to install and adjust.
- Smaller and lighter than other Manual Boost Controllers
- Boost adjustable from under the hood with an accurate, proven Detent System.



Set your boost and forget it!

7244 Boost Tee by TurboSmart

- 20% smaller & 33% lighter than its predecessor!
- Ideal choice for larger capacity, space-restricted engines
- Preferred choice of drifting & circuit enthusiasts.



7251 Vee Port Pro Blowoff Valve (Black) TurboSmart
7255 Stainless Steel Blowoff Valve Adapter

Silicone Ducting Hose

- Outperforms organic rubber hoses
- Resists temps over 550° F
- 2", 2 1/4" or 2 1/2" ID hose
- Available in Black, Red or Blue
- Sold per foot.



2" hose	7642 Black	7643 Red	7644 Blue
2 1/4" hose	7647 Black	7648 Red	7649 Blue
2 1/2" hose	7664 Black	7665 Red	7666 Blue

7630 3" long Pressure Hose Union (specify diameter & color)

S/S T-bolt Clamps

- For use with turbo silicon hoses
- 100% Stainless Steel construction
- Radiused edges to prevent cutting & damaging of hoses



THE POWER SEAL CLAMP!

7609	S/S T-Bolt Clamps - 2 5/16" to 2 1/2" (fits 2" ID Hose)
7622	S/S T-Bolt Clamps - 2 1/2" to 2 11/16" (fits 2 1/4" ID Hose)
7623	S/S T-Bolt Clamps - 2" to 2 5/32"
7624	S/S T-Bolt Clamps - 2 5/32" to 2 5/16"
7626	S/S T-Bolt Clamps - 2 11/16" to 2 7/8" (fits 2 1/2" ID Hose)
7629	2" Stainless Steel Clamp

Pressure Ducts

- Formed from mandrel bent 2" tubing
- Matches 2" turbo outlets.



7321t	Pressure Duct Kit - Sedan (3 pieces)
7336t	Pressure Ducts - Baja Sedan/Buggy (fits T03)

Turbo Inlet Air Filters



7250	fits Baja Bug/Buggy Turbo A/C (4 1/2" x 6" x 2 1/2" neck)
7303	fits Hideaway Sedan Turbo A/C (3 3/8" x 4" x 2" neck)
7344	fits Baja Bug/Buggy Turbo A/C (6" x 5" x 2 3/4" neck)

Aluminum Pressure Covers

- Features 2" inlets
- Available in left or right
- Gaskets & Hardware Kits are available seperately.

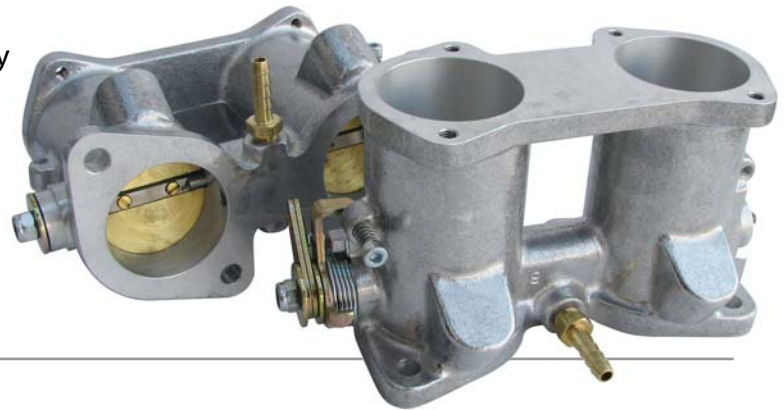


7312t	Alum. Pressure Cover (right) fits offset manifolds
7313t	Alum. Pressure Cover (left) fits offset manifolds
7615	Alum. Pressure Cover (right) fits CE w/straight manifolds
7616	Alum. Pressure Cover (left) fits CE w/straight manifolds
7617	Alum. Pressure Cover (right) low profile applications (356)
7618	Alum. Pressure Cover (left) low profile applications (356)
7333t	Aluminum Pressure Cover - unfinished
7335t	Aluminum Pressure Cover Hardware Kit
7337t	Aluminum Pressure Cover Gasket - rubber (each)
3413t	DRLA Turbo A/C Base (right) w/linkage support
3414t	DRLA Turbo A/C Base (left) w/linkage support



Throttle Bodies (pairs)

- 100% Made in the USA!
- Hand assembled and Flow Synced in-house
- Includes cast-in bosses designed to accept electronic fuel injectors (sold separately)
- Available either with or without machined injector ports
- Dimensionally (external) the same as IDF or DRLA carburetors, allowing the use of existing manifolds, throttle linkage and air filters.
- Fuel rail, injectors, TPS and hardware are sold separately



7355	40mm Throttle Bodies (1 pair)
7356	48mm Throttle Bodies (1 pair)
7097	40mm Throttle Bodies - w/ Injector Ports (1 pair)
7098	48mm Throttle Bodies - w/ Injector Ports (1 pair)

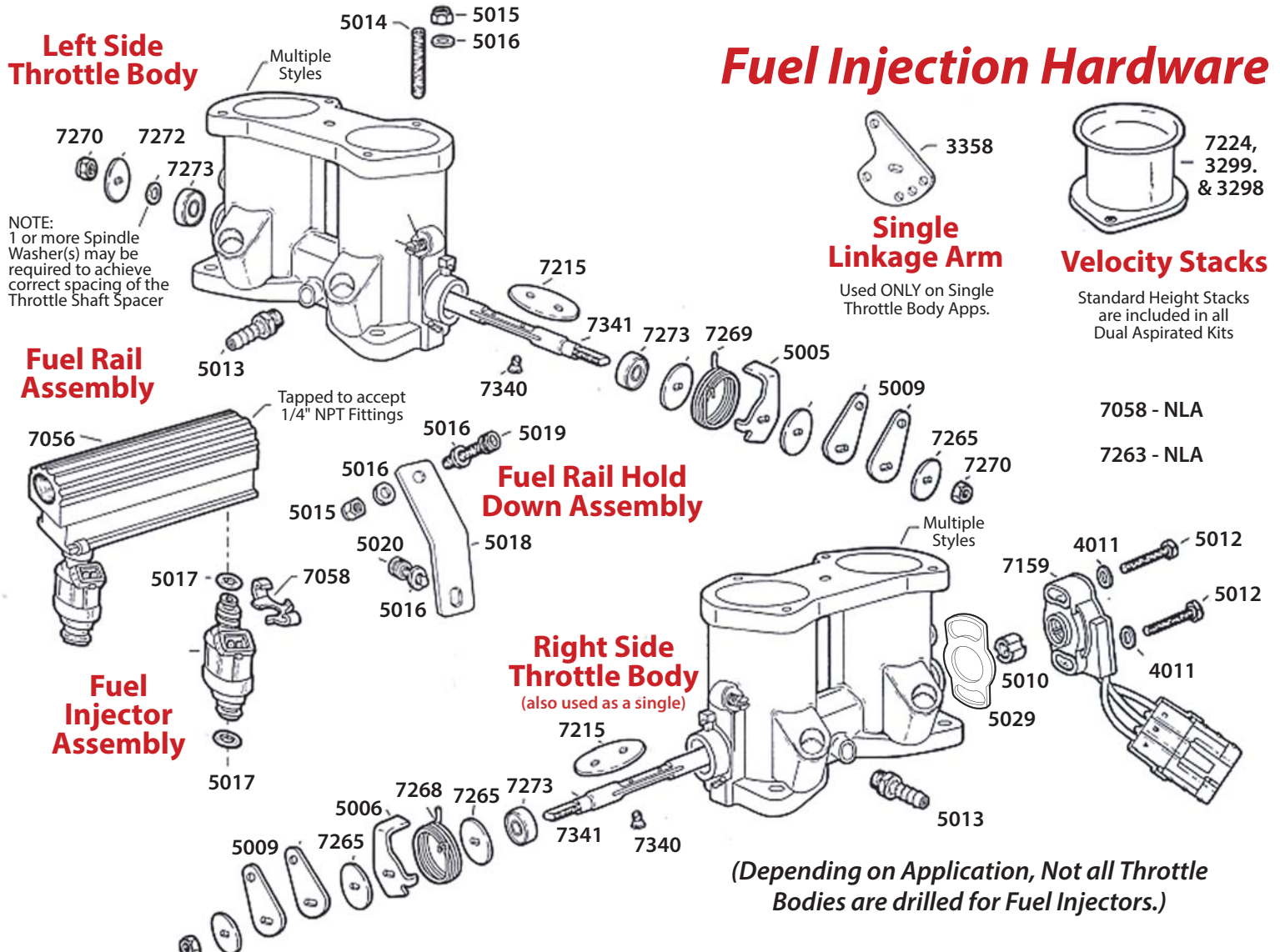
Single Throttle Body

- 100% Made in the USA!
- Hand assembled and Flow Synced in-house
- Includes cast-in bosses designed to accept electronic fuel injectors (sold separately)
- Available either with or without machined injector ports
- Dimensionally (external) the same as IDF or DRLA carburetors, allowing the use of existing manifolds, throttle linkage and air filters.
- Fuel rail, injectors, TPS and hardware are sold separately



7357	40mm Throttle Body - Single
7358	48mm Throttle Body - Single

Fuel Injection Hardware



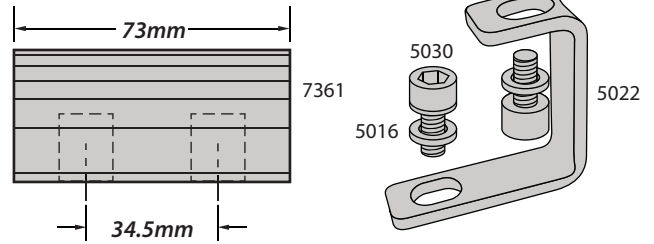
2702	Base Gasket - 45-48mm Dellorto DRLA	5020	6 x 10 Fuel Rail Sec. Bracket Allen Bolt (fuel rail side)
3298	Super Tall 6" Velocity Stack (Polished) IDF & DRLA (each)	5021	Throttle Body Air Filter Base Gasket
3299	Super Tall 6" Velocity Stack - IDF & DRLA (each)	5029	New Style TPS Spacer
3358	Single Linkage Arm	7056	Fuel Rail - TB Style (5 1/16" long - 3 5/8" injector spacing)
5005	Left Side Throttle Lever	7057	Fuel Injector Securing Clips (fits 7056) one pair
5006	Right Side Throttle Lever	7097	40mm Throttle Bodies - w/ Injector Ports (1 pair)
5007	Idle Throttle Valve Adjusting Screw	7098	48mm Throttle Bodies - w/ Injector Ports (1 pair)
5008	Spring For Idle Adjusting Screw	7159	Throttle Position Sensor (TPS)
5009	Left & Right Side Linkage Arms	7215	Throttle Valve DRLA (specify size)
5010	TPS Adapter	7224	Standard Height Velocity Stacks - fits 44, 45, & 48mm, IDF & DRLA & 48 Throttle Bodies (1 7/8" tall)
5011	Washer	7265	Throttle Shaft Spacer
5012	TPS Securing Bolt	7268	Right Side Throttle Return Spring
5013	1/8" NPT x 1/4" Hose Barbed Fitting	7269	Left Side Throttle Return Spring
5014	6 x 35mm A/C Base Stud	7270	Throttle Spindle Nut
5015	6mm Nyloc Nut	7272	Washer
5016	6mm Flat Washer	7273	Spindle Bearing (each)
5017	Upper or Lower Injector O ring	7340	Throttle Valve Securing Screw
5018	Fuel Rail Securing Bracket	7341	Throttle Valve Spindle DRLA
5019	6 x 25 Fuel Rail Sec. Bracket Allen Bolt (throttle body side)		

Dual Port End Castings

CB offers these Stock style Dual Port End Castings with bosses for 14mm O-ring style fuel injectors (sold separately). Featuring a stock style 1 1/2" opening, and split runner design, they work with all aftermarket fuel injection systems. Made in the USA from 356 Aluminum. Uses #7361 Fuel Rails and #5022 Fuel Rail Securing Brackets.



7360	Dual Port End Castings - Machined for Injectors (set of 2)
7361	Fuel Rails (1 pair)
7363	Fuel Injector Securing Clip
5022	Fuel Injector Securing Bracket
5030	6 x 12mm Fuel Rail Securing Bracket Allen Bolt
5016	6mm Flat Washer

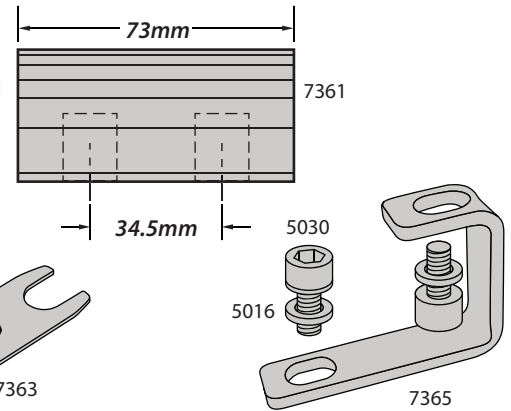


High Flow End Pieces

- 2" inlet OD, extra wide base
- Can be ported to nearly any shape
- Includes intake gaskets & hardware



50% MORE Air Flow than Stock End Castings!



7362	High Flow Injection End Pieces (machined for injectors)
7361	Fuel Rails (1 pair)
7363	Fuel Injector Securing Clips (one pair)

7365	Fuel Injector Bracket (for use with 7362)
5030	6 x 12mm Fuel Rail Securing Bracket Allen Bolt
5016	6mm Flat Washer

High Flow End Pieces



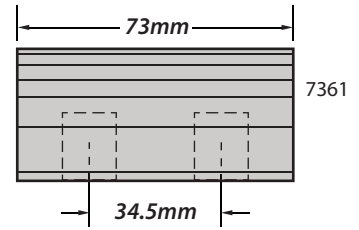
- 50% more air flow than stock end castings, as cast!
- Featuring a 2" inlet OD and an extra wide base, they can be ported to nearly any port shape and size.
- Includes 2 Big Beef Intake Gaskets.



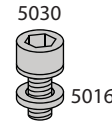
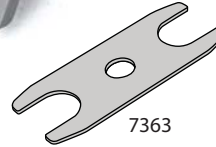
7367	High Flow End Pieces (set of 2)
------	---------------------------------

Big Beef Manifolds

- Unlimited port design with NO WELDING!
- Includes intake gaskets & hardware
- Works well with CB's #3132, #3134, #6480 & #6485 Linkage Kits.

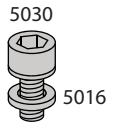
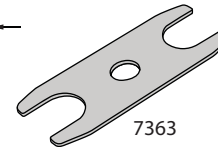
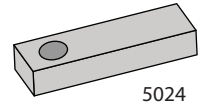
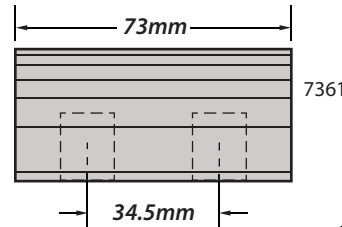


7366	Big Beef Manifolds with Fuel Injector Ports (set of 2)
7361	Fuel Rails (1 pair)
7363	Fuel Injector Securing Clips (one pair)
5030	6 x 12mm Fuel Rail Securing Bracket Allen Bolt
5016	6mm Flat Washer



Offset Manifolds

- Includes intake gaskets & hardware
- Works well with CB's #3137 & #3143 Linkage Kits.

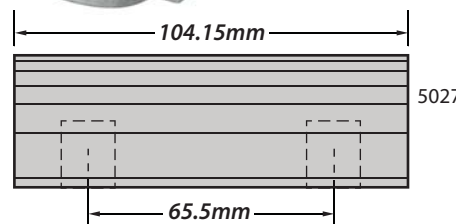
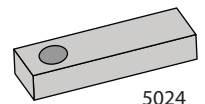
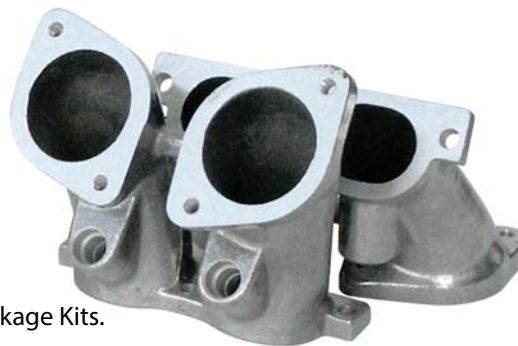


7359	Offset Manifolds (machined for injectors)
7361	Fuel Rails (1 pair)
7363	Fuel Injector Securing Clips (one pair)
5024	Fuel Rail Securing Bracket

5025	8 x 12mm Nut
5026	8 x 60mm Stud
5030	6 x 12mm Fuel Rail Securing Bracket Allen Bolt
5016	6mm Flat Washer

Competition Eliminator Manifolds

- Increased Power
- Quicker throttle response!
- Improved Gas Mileage!
- Includes intake gaskets & hardware
- Works well with CB's #3132, #3134, #6480 & #6485 Linkage Kits.



3142	C.E. Manifolds (machined for injectors) IDF & DRLA
5027	Fuel Rails (1 pair) Tapped to Accept 1/4" NPT fittings
5024	Fuel Rail Securing Bracket
5025	8 x 12mm Nut
5028	8 x 70mm Stud



Fuel Injection Sensors



- | | |
|------|--|
| 2911 | Oxygen Sensor - Single wire, non-heated |
| 2927 | Wideband O2 Sensor |
| 7132 | Cylinder Head Temperature Sensor - CHT |
| 7133 | Intake Air Temperature Sensor - IAT |
| 7136 | Oxygen Sensor Mounting Bung - weld in |
| 7159 | Throttle Position Sensor (TPS) fits CB Throttle Bodies |
| 7163 | Fuel Pressure Sensor |

Fuel Injectors

Injector Types 1, 2, 4, 5, and 9 are compatible with most GM-style fuel rails and injector ports and for use with fuel injection hardware manufactured by CB Performance!



- | | |
|------|---|
| 7378 | Fuel Injector - Peak & Hold 2.4 Ohms/19 PPH |
| 7393 | Fuel Injector - Peak & Hold 2.2 Ohms/22 PPH |
| 7373 | Fuel Injector - Peak & Hold 2.4 Ohms/25 PPH |
| 7381 | Fuel Injector - Peak & Hold 2.2 Ohms/31 PPH |
| 7383 | Fuel Injector - Peak & Hold 2.2 Ohms/35 PPH |
| 7399 | Fuel Injector - Peak & Hold 2.4 Ohms/52 PPH |
| 7384 | Fuel Injector - Saturated 15.9 Ohms/28 PPH |
| 7374 | Fuel Injector - Saturated 15.9 Ohms/37 PPH |
| 7398 | Fuel Injector - Saturated 15.9 Ohms/42 PPH |
| 7397 | Fuel Injector - Saturated 15.9 Ohms/61 PPH |

Fuel Injection Connectors



- | | |
|------|--|
| 7143 | Fuel Injector Connector |
| 7146 | MAP Connector (Standard one-bar) |
| 7147 | MAP Connector (Turbo two-bar) |
| 7149 | 1 Pin Weather Pak Connector (set of male & female) |
| 7150 | 2 Pin Weather Pak Connector (set of male & female) |
| 7151 | 3 Pin Weather Pak Connector (set of male & female) |
| 7152 | 4 Pin Weather Pak Connector (set of male & female) |
| 7153 | Weather Pak Crimping Tool |
| 7155 | Weather Pak Extraction Tool Kit (3 piece) |

Fuel Pressure Regulators



Increase your fuel pressure to the desired PSI. Each Fuel Pressure Regulator is adjustable using the top mounted screw, and secured with a locking cap nut. Choose from the three available models to fit your application.

- | | |
|------|---|
| 7160 | Monza Series (up to 10 PSI) |
| 7161 | Precision Flow Bypass EFI (25 PSI to 75 PSI) |
| 7162 | Single Diaphragm Adjustable (14 PSI to over 60 PSI) |



Turbo Exhaust Systems



7301t Hideaway Sedan Turbo Header
7608 Spyder / Mid-Engine Turbo Header (S2A & T03)

7610 Turbo Header 1 5/8" (T03 & T3/T4)
7637 Racing Turbo Exhaust - fits S1A & S2A, TO-3

Turbo Exhaust Flanges



3690 TS Ultra38 Wastegate Flange - mild steel (set of 2)
3691 T04 Turbo Exhaust Flange Tail Pipe
3692 T04 Turbo Exhaust Flange Header (2 3/4" x 3 1/4" bolt pattern)
3693 VW Cylinder Head Exhaust Flange (2 1/4" bolt pattern, 1 1/2" center hole)
3696 T03 Turbo Exhaust Flange (2 1/2" From bolt hole to bolt hole. 3 1/2" center hole)
3697 T03 Turbo Exhaust Flange (1 3/4" x 3 3/8" bolt pattern, 1 7/8" x 2 1/8" center hole)
3698 Turbo Exhaust Flanges - Type-1 Cylinder Head Exhaust Flange - 1 5/8" ID (turbo quality)

Turbo Exhaust Gaskets



7633 Turbo Exhaust Gasket - clad steel/fiber (S1A & S2A)
7634 Turbo Exhaust Gasket - steel (T04)
1882 Copper Exhaust Gaskets - 1 1/2" (set of 4)
1883 Copper Exhaust Gaskets - 1 5/8" (set of 4)
3640 Copper Exhaust Gasket - Small 3 Bolt Flange
3641 Copper Exhaust Gasket - Large 3 Bolt Flange
2806 Turbo Exhaust Graphite Compression Gasket (S1A & S2A)
2807 Turbo Exhaust Graphite Compression Gasket (T04)
2808 Turbo Base Graphite Compression Gasket (T04)
2809 Ultragate38 by Turbosmart Graphite Compression Gasket

Modulator Ring for Turbo Carbs

This Modulator Ring for Turbo Carbs installs where a velocity stack would usually go, and is a slightly smaller size than the venturi, which creates higher pressure above your main jets when you are under boost. Jetting usually needs to be leaned out after installation of these rings.

Fits Weber Turbo Carbs as well as Dellorto DRLA Turbo Carbs.



- 7368 27mm Modulator Ring for Turbo Carbs (each)
- 7369 33mm Modulator Ring for Turbo Carbs (each)

Billet Fuel Tank Outlet Tee

Threads directly into all stock sedan fuel tanks to '79 (not Super Beetle) using a 1/4" NPT dual outlet.



- 6483 Billet Fuel Tank Outlet Tee

Turbo Drain

The outlet port is tapped 1/2" NPT.



- 7620 Turbo Drain Gasket
- 7627 Turbo Drain Outlet - fits S1A, S2A, TO-4, & Roto Master accepts 1/2" NPT (90 degrees)
- 7628 Turbo Drain Outlet - fits S1A, S2A, TO-4 & Roto Master accepts 1/2" NPT (straight outlet)

Turbo Oil Inlet

Bolts to the top of the Turbo, allowing an 1/8" NPT fitting to be attached.



- 7625 Turbo Oil Inlet Block - fits S1A, S2A, TO-4 & Roto Master accepts 1/8" NPT fittings
- 7621 Turbo Oil Inlet Gasket

Fuel Pumps



- 7315t Turbo Fuel Pump for Fuel Injection
- 7316 Airtex High Pressure Fuel Pump

Fuel Filters

This part will provide your injection system with a high volume of clean fuel.



- 7137 Fuel Filter (3/8 inch) Full Flow
- 7138 Fuel Filter (14mm) Full Flow
- 7139 Fuel Filter (1/4 inch) Full Flow

Carbureted Turbo Fuel Pressure Regulators

For use with boost pressures up to and exceeding 20 psi.



- 7246 Fuel Pressure Regulators - Turbo - Dual Carb Model
- 7247 Fuel Pressure Regulators - Turbo - Single Carb Model



Dual Solex 34mm Carb Kits

- Fast starts, even in cold weather!
- Shipped ready to run on 1600cc to 1800cc engines.
- Easy to tune, and you can tweek 'em for increased power!
- Perfect for VW sedans, vans and dune buggies.
- Now Available to fit single port '66 & later 13, 15 & 1600cc based engines.

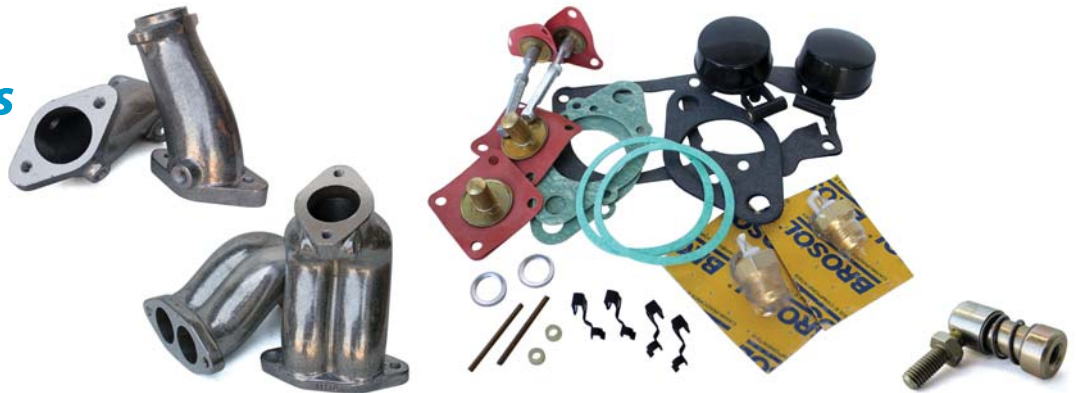
NOTE: Will not work with Dual Cannon or Tri-Mill Exhaust Systems.

3284	Dual Solex 34mm w/Electric Chokes - Type-1 Single Port
3285	Dual Solex 34mm w/Electric Chokes - Type-1 Dual Port
3286	Dual Solex 34mm w/Electric Chokes - Type-4 & 914



Dual Solex 34mm Replacement Parts

- A wide variety of Jets are available, including Main, Idle, and Air Correction Jets.
- These parts are made for Dual Solex Carburetors and will not fit a stock Solex carburetor.



3261	Replacement Manifolds for Dual Solex (Single Port T-1)
3262	Replacement Manifolds for Dual Solex (Dual Port T-1)
3263	Replacement Manifolds for Dual Solex (Dual Port T-4)
3292l	Replacement 12 volt Choke Element (left)
3292r	Replacement 12 volt Choke Element (right)
3293	Main Gas Jet (1.20, 1.25, 1.30, 1.35, 1.40, 1.45, 1.50 or 1.55)
3294	Idle Jet (.50, .55 or .60)

3295	Air Correction Jet (1.10, 1.15, 1.20, 1.25 or 1.30)
3296	Hi-Flow Venturi (28mm)
3297	34mm Solex Master Rebuild Kit (left and right carbs)
3421	Round Rod (Right Thread Only) 10" T-4 Solex Link Kit
3422	Round Rod (Right Thread Only) 12" T-1 Solex Link Kit
3423	Round Rod (Right Thread Only) 14" T-1/T-4 Solex Link Kit
3424	Spring Loaded Heim Joint - Right Hand Thread



Dual Weber 34mm ICT Carb Kits

- Power, performance and economy!
- Featuring CB's superb Cross Bar throttle linkage
- Help provide an increase in bottom end torque and mid-range power while maintaining top fuel economy.
- Available to fit Single or Dual Port Type-1 applications, Type-4, 914 and Dual Port Squareback engines.

NOTE: Will not work with Dual Cannon or Tri-Mill Exhaust Systems.

6427	Dual Weber 34mm ICT Kit - Single Port Type-1 & 2 (to '71)
6428	Dual Weber 34mm ICT Kit - Dual Port Type-1 & 2 (to '71)
6429	Dual Weber 34mm ICT Kit - Type-4 & 914
6430	Dual Weber 34mm ICT Kit - Dual Port Type-3
6399	Weber ICT Carburetor (fits Left or Right) 34mm



Single Low Profile Kits

The Low Profile Center Section Manifold is manufactured from 356 aluminum and features full ascent heat risers to provide cold weather carburetor heat. The low height provides "Under the Deck" installation of 40, 44, & 48mm IDF Carbs.

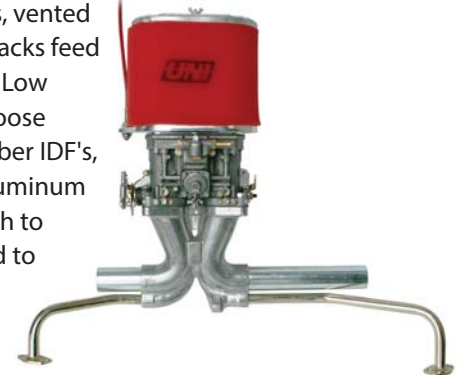
CB's exclusive cable pull linkage is included.



6408	Single Weber 40 IDF Low Profile Kit
6412	Single Weber 44 IDF Low Profile Kit
6440	Single Weber 48 IDF Low Profile Kit

Single MX Low Profile Kits

Double wrap tall air fillers, vented float bowl and velocity stacks feed the air/fuel charge to the Low Profile Intake System. Choose from 40, 44, or 48mm Weber IDF's, the intake ports of the aluminum manifold are large enough to generate the flow needed to climb hills and accelerate around corners.

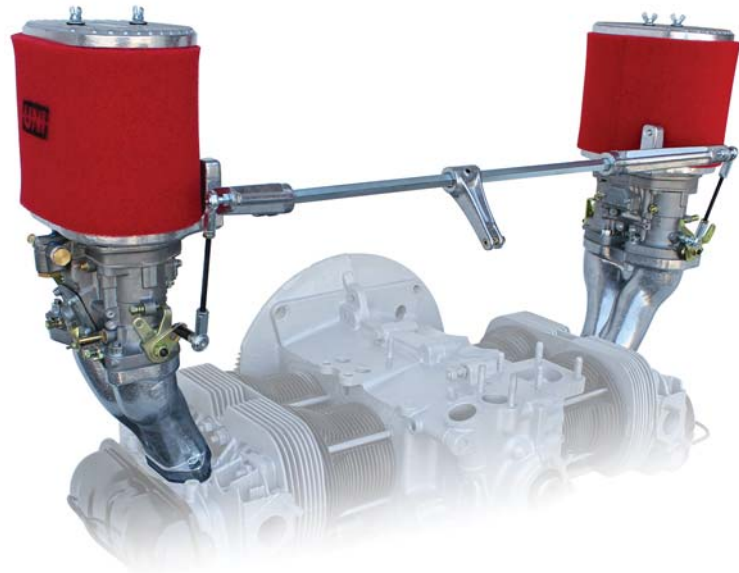
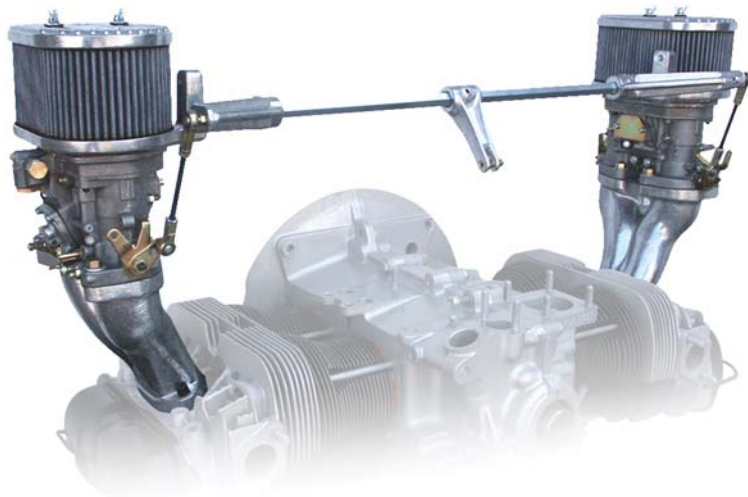


6441	Single Weber 40 IDF MX Low Profile Kit (6" tall foam filter)
6442	Single Weber 44 IDF MX Low Profile Kit (6" tall foam filter)
6443	Single Weber 48 IDF MX Low Profile Kit (6" tall foam filter)

Dual Weber IDF Kits

Each Kit features Original Spanish Weber carbs, Offset Manifolds, Air Filter Assemblies, and CB's USA-made Hex Cross Bar Linkage!

Application	40	44	48
Type-1 (Offset)	6409	6413	6416
Type-4 & 914 (Offset)	6410	6414	6417
356-912 Porsche (Offset)	6411	6415	--
Type-1 (Space Saver)	3270	3271	--



Dual Weber IDF MX Kits

Featuring Original Spanish Weber carbs, Offset Manifolds, 3 1/2" or 6" tall foam filters, Velocity Stacks, Float Bowl Vents and CB's USA-made Hex Cross Bar Linkage!

Application	40	44
Type-1 (3 1/2" Foam Filters)	6431	6435
Type-1 (6" Foam Filters)	6432	6436
Type-4 & 914 (3 1/2" Foam Filters)	6433	6434
Type-4 & 914 (6" Foam Filters)	6437	6438

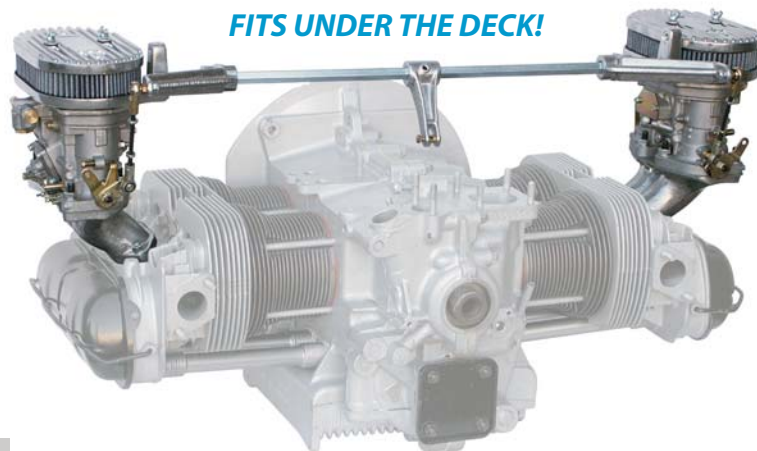
Dual IDF Kits (Type-3)

You asked for it and now you can have 'em your way!

Instant double/double barrel performance in 40 and 44mm sizes.

They really fit under the deck! It's ready to go with CB's Super Cross Bar Linkage and Low Profile Air Filters.

6446	Dual Weber 40 IDF Kit - Type-3
6447	Dual Weber 44 IDF Kit - Type-3



GEERS 51.5mm IDA Weber Carbs

1. 51.5mm Throttle Plates with Profiled throttle shafts for added CFM and velocity.
2. Third Progression Port Hole added for Smoother Circuit Transition and Driveability.
3. 44mm Main Venturis.
4. Shipped with your choice of CB's 3 3/16" or 2 5/16" Billet Velocity Stacks (Color choices of Polished, Black, Blue or Red)
5. Float Bowl Modified for more Fuel Capacity.
6. 3.0 Fuel Inlet installed for Maximum Flow.

Type-1 Engines will require our 48 IDA Linkage System, and Type-4's can use the #3131 kit.

6450 GEERS 51.5mm IDA Weber Carbs (sold in pairs) **NEW!**



Dual 48 IDA Kits

**THE
WINNER'S
CHOICE!**

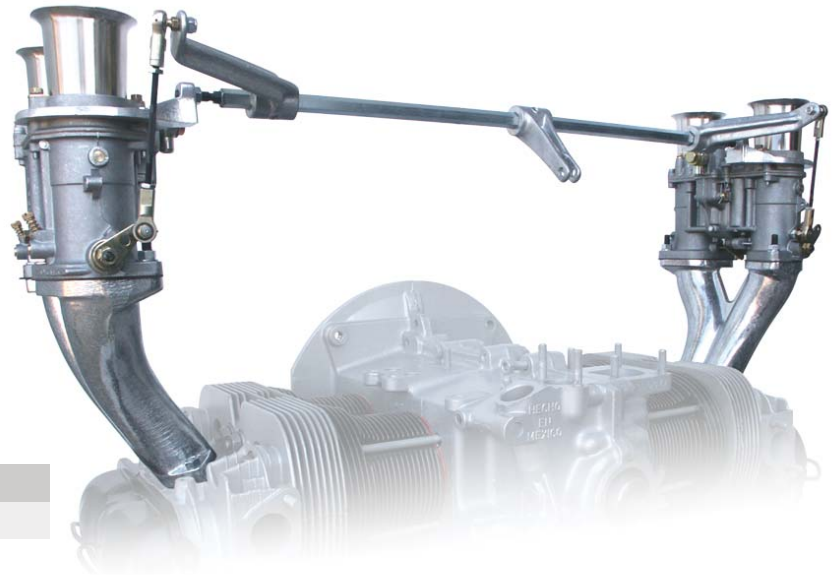
Largest Flow Capacity!

Big Beef IDA Manifolds are included in each 48 IDA kit.

NOTE: No air filters are included in kit.

6418 Dual Weber 48 IDA Kit - Type-1

6419 Dual Weber 48 IDA Kit - Type-4 & 914



Weber IDA Carbs (48mm)

**ORIGINAL Spanish Weber IDA Carburetors,
now Available from CB Performance!**

**ORIGINAL
WEBER CARBS
FROM SPAIN!**

The 48 IDA is synonymous with improved low speed, and renowned for its transition circuitry and years of over-whelming dominance of the road-racing circuits. IDA Series carburetors have been used by many of the world's leading performance manufacturers on their factory racing cars, as well as production cars. Its design, size and performance make it ideally suited for use on Domestic V8 and V6 engines as well as any opposed six or four cylinder engines.

Sold Individually.

6406 Weber IDA Carburetor - 48mm



Weber IDF Carbs

The Weber IDF Series is available in 40, 44 and 48mm barrel sizes.

IDF carburetors are interchangeable with 36, 40, 45, and 48mm Dellorto DRLA carburetors. The IDF and DRLA both share the same intake manifold bolt pattern, air cleaner pattern, and in most cases linkage can be interchanged. These Weber IDF Carburetors are sold with factory jetting and for most cases will be too lean. If specific re-jetting is necessary for your application, be sure to talk to your salesperson when ordering.

6400	Weber IDF Carburetor - 40mm
6402	Weber IDF Carburetor - 44mm
6404	Weber IDF Carburetor - 48mm



Weber ICT Carb

- Air Correction Jet: 1.60
- Emulsion Tube: F-78
- Main Jet: 1.30
- Pump Jet: .50
- Idle Jet: .52



Weber ICT Spacer

This spacer fits between the 34mm Weber ICT carb and the manifold, moving the carburetor up 1/2" inch.



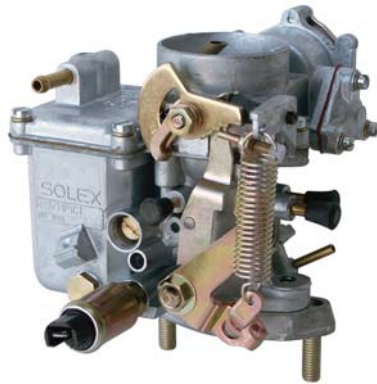
Sold Each.

6399	Weber ICT Carburetor (fits Left or Right) 34mm
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3171	Weber ICT Spacer (1/2" thick)
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Solex Carbs

The #3345 at is the same carb as the #3341, except it fits the '71-later original 34mm manifolds for the 1600 Dual Port engines.



3340	Solex Carb - 30 PIC - Manual Choke
3341	Solex Carb - Electric Choke (30mm) 1967-1970
3345	Solex Carb - 30 PICT w/Adapter to fit 34 PICT Manifolds (Electric Choke)

Solex Carb Adapter

We offered these back in the late 70's and never thought they would make a comeback.



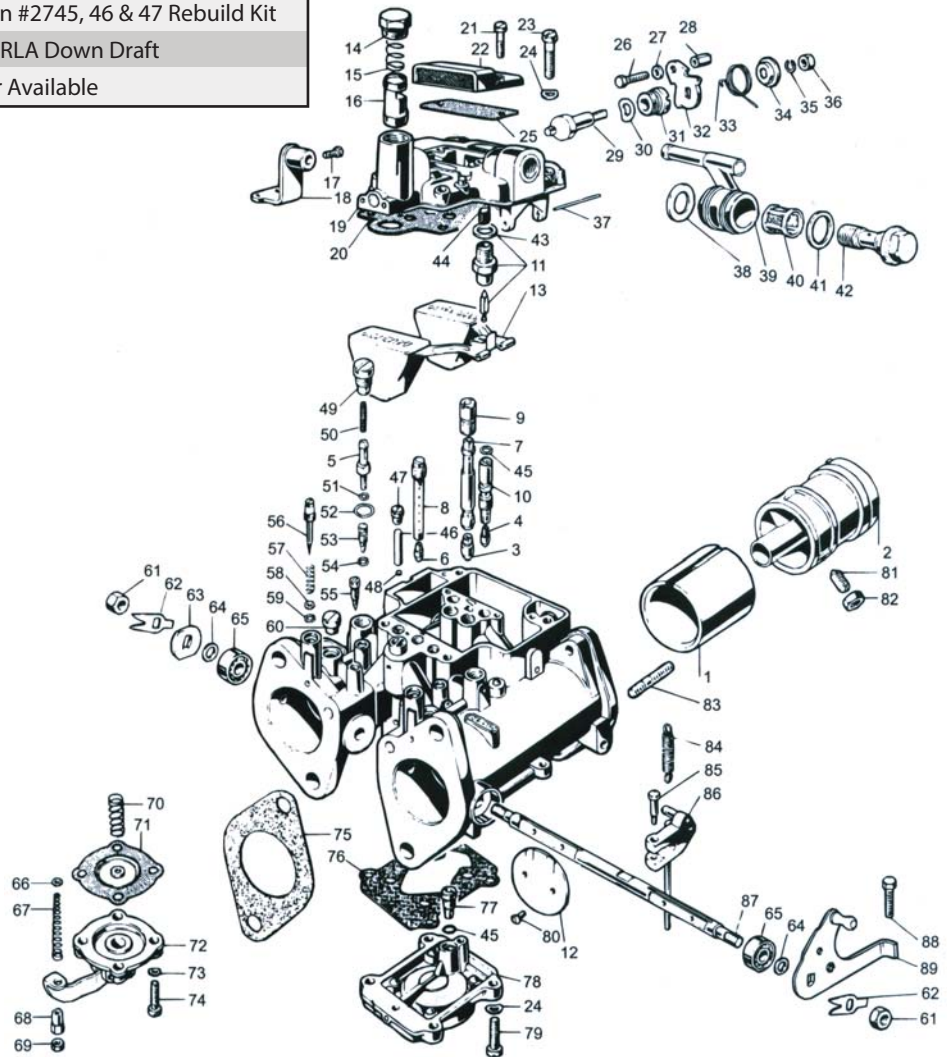
Well, they're back and more popular than ever! The 356 Cast Aluminum Adapter adapts the old trouble free 28 or 30 PICT-1 Solex Carburetor to your '71-later Center Section Manifold. Remove that troublesome 34 PICT Solex and get your VW running strong again! Shipped with mounting hardware & instructions.

3172	Solex Carb Adapter
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DHLA Parts Locator (40, 45 & 48 Side Draft)

- | Fig. | Part # | Description |
|------|--------|---|
| 1 | 7430 | Main Venturi |
| 2 | NLA | Auxiliary Venturi |
| 3 | 7209 | Main Jet |
| 4 | 7210 | Idle Jet |
| 5 | 7211 | Pump Jet |
| 6 | NLA | Starting Jet |
| 7 | 7432 | Main Emulsion Tube |
| 8 | NLA | Starting Emulsion Tube |
| 9 | 7433 | Main Air Corrector |
| 10 | NLA | Idle Air Corrector / Jet Holder |
| 11 | 7405 | Needle Valve |
| 12 | NLA | Throttle Valve |
| 13 | 7435 | Float |
| 14 | NLA | Starter Valve Seat Plug |
| 15 | NLA | Starter Valve Spring |
| 16 | NLA | Starter Valve |
| 17 | 7436 | Sheath Securing Screw |
| 18 | NLA | Sheath Holder |
| 19 | NLA | Bowl Cover |
| 20 | * | Bowl Cover Gasket |
| 21 | 7289 | Jets Cover Securing Screw |
| 22 | 7437 | Jets Cover |
| 23 | 7219 | Bowl Cover Securing Screw |
| 24 | 7220 | Bowl Cover Securing Screw Washer |
| 25 | * | Jets Cover Gasket |
| 26 | NLA | Cable Securing Screw |
| 27 | NLA | Flat Washer |
| 28 | NLA | Nut |
| 29 | NLA | Starter Valve Spindle |
| 30 | NLA | Washer |
| 31 | NLA | Starter Spindle Plug |
| 32 | NLA | Starter Valve Control Lever |
| 33 | NLA | Starter Lever Return Spring |
| 34 | NLA | Bushing for Starter Lever Return Spring |
| 35 | NLA | Washer |
| 36 | NLA | Nut |
| 37 | 7446 | Float Pin |
| 38 | 7239 | Union Gasket |
| 39 | 7438 | Fuel Inlet Pipe Union (Dual or Single) |
| 40 | 7238 | Fuel Filter |
| 41 | 7237 | Union Securing Screw Gasket |
| 42 | 7236 | Union Securing Screw |
| 43 | * | Needle Valve Gasket |
| 44 | NLA | Fuel Filter |
| 45 | 7261 | Idle Jet Holder and Intake Valve O Ring |
| 46 | 7439 | Delivery Valve Weight |
| 47 | 7264 | Delivery Valve Seat Plug |
| 48 | NLA | Delivery Valve |
| 49 | NLA | Pump Jet Plug |
| 50 | 7275 | Pump Fuel Filter |
| 51 | 7274 | Pump Jet O Ring |
| 52 | 7276 | Pump Jet Plug Gasket |
| 53 | 7281 | By-Pass Screw |
| 54 | 7282 | By-Pass Screw O Ring |
| 55 | NLA | Pressure Intake Plug |
| 56 | 7440 | Idle Mixture Adjusting Screw |
| 57 | 7284 | Idle Mixture Adjusting Screw Spring |
| 58 | 7283 | Flat Washer |
| 59 | 7282 | Idle Mixture Adjusting Screw O Ring |
| 60 | 7299 | Progression Holes Well Plug |
| 61 | 7270 | Throttle Spindle Nut |
| 62 | 7271 | Retaining Plate (used part, when available) |
| 63 | 7265 | Throttle Shaft Spacer |
| 64 | 7272 | Throttle Spindle Washer |
| 65 | 7273 | Spindle Bearing |
| 66 | 7283 | Small Pump Link Washer |
| 67 | 7441 | Pump Link Spring |
| 68 | NLA | Nut |
| 69 | NLA | Nut |
| 70 | 7442 | Pump Diaphragm Spring |
| 71 | 3459 | Pump Diaphragm |
| 72 | 7443 | Pump Cover |
| 73 | 7288 | Washer |
| 74 | 7289 | Pump Cover Securing Screw |
| 75 | * | Gasket |
| 76 | * | Pump Body Gasket |
| 77 | 7260 | Intake Valve |
| 78 | 7444 | Pump Body |
| 79 | 7219 | Pump Body Securing Screw |
| 80 | 7340 | Throttle Valve Securing Screw |
| 81 | 7342 | Auxiliary Venturi Securing Screw |
| 82 | 7270 | Auxiliary Venturi Securing Screw Nut |
| 83 | 7217 | Short Velocity Stack Securing Stud |
| 84 | NLA | Throttle Spindle Return Spring |
| 85 | 7297 | Pump Control Lever Securing Screw |
| 86 | NLA | Lever with Rod |
| 87 | NLA | Throttle Valve Spindle |
| 88 | 7298 | Idle Throttle Valve Adjusting Screw |
| 89 | 7447 | Throttle Lever |

▶ Check Chart for Available sizes
 * Available in #2745, 46 & 47 Rebuild Kit
 → Same as DRLA Down Draft
 NLA No Longer Available



▶ DHLA Carburetor Parts - Sizing Chart

NOTE: Please specify exact sizes when ordering Jets & Venturi

Idle Jets #7210	Main Jets #7209	A/C Jets #7433	Pump Jets #7211	Main Venturi #7430	Inlet Valves #7405	Emulsion Tubes #7432
.45 / .50	0.95 / 1.00 / 1.05 / 1.10 / 1.15	1.45 / 1.50	.33 / .35	45mm DHLA	1.50	#11
.52 / .55	1.20 / 1.22 / 1.25 / 1.28 / 1.30	1.55 / 1.60	.40 / .45	40mm	1.70	#12
.60 / .62	1.32 / 1.35 / 1.38 / 1.40 / 1.42	1.65 / 1.70	.50 / .55	48mm DHLA	2.00	#14
.65 / .70	1.45 / 1.48 / 1.50 / 1.52 / 1.55	1.75 / 1.85	.60 / .65	34mm	2.50	#15
.75	1.58 / 1.60 / 1.62 / 1.65 / 1.68	1.90 / 1.95	.70 / .75	41mm		
	1.70 / 1.72 / 1.75 / 1.78 / 1.80	2.05 / 2.10	.80			
	1.82 / 1.85 / 1.88 / 1.90 / 2.00	2.15 / 2.30				
	2.05 / 2.10 / 2.15 / 2.20 / 2.25					
	2.30 / 2.35 / 2.45 / 2.50					

Factory Jetting for Dual DHLA Carburetors

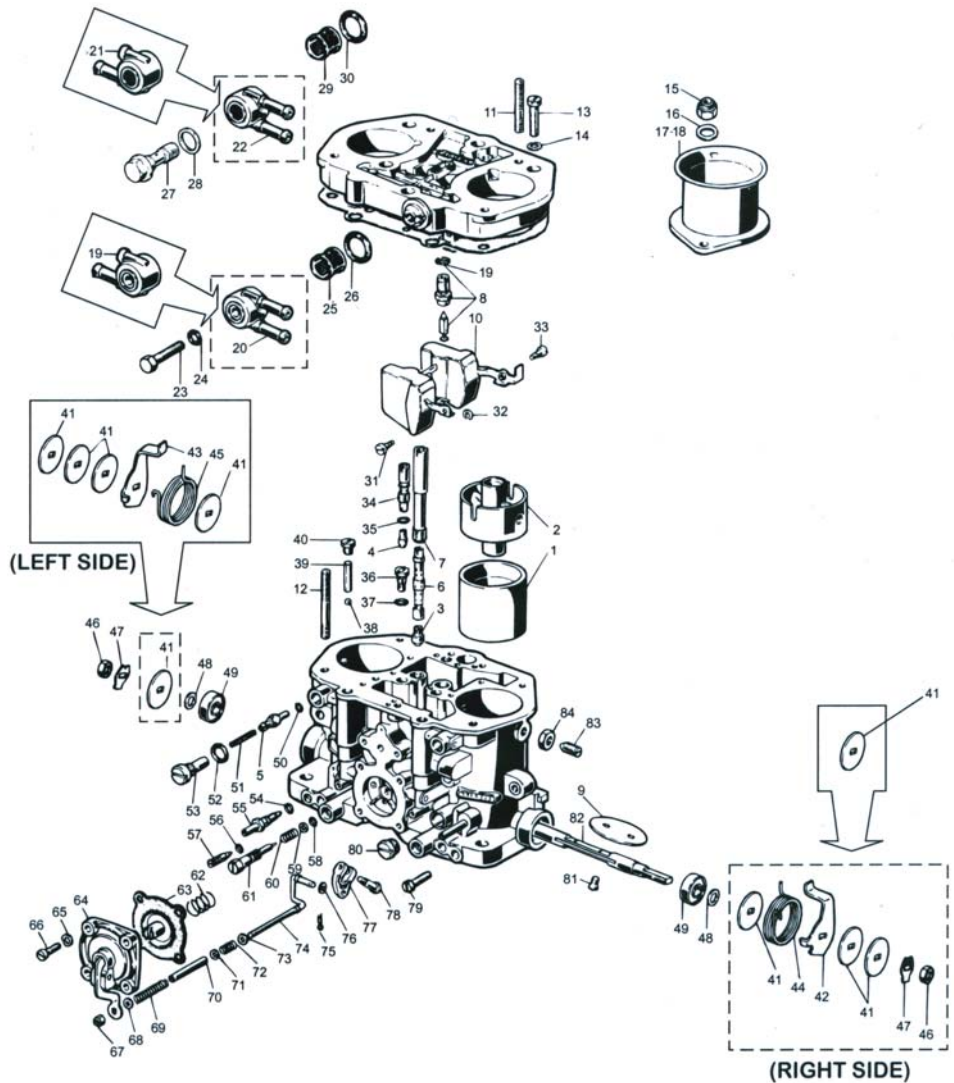
Carb Size	Idle Jet	Main Jet	A/C Jet	Pump Jet	Needle Inlet	Emulsion Tube	Main Venturi
40mm	.58	1.42	2.30	.33	1.50	#11	32mm
46mm	.58	1.60	2.30	.33	1.70	#11	40mm
48mm	.58	1.70	2.30	.33	2.25	#11	41mm

DRLA Parts Locator

- Fig. Part # Description**
- 1 7207 ▶ Main Venturi
 - 2 **NLA** Auxiliary Venturi
 - 3 7209 ▶ Main Jet (DRLA or DHLA)
 - 4 7210 ▶ Idle Jet (DRLA or DHLA)
 - 5 7211 ▶ Pump Jet (DRLA or DHLA) S
 - 6 7212 ▶ Emulsion Tube - specify 1, 2, or 3
 - 7 7213 ▶ Air Correction Jet
 - 8 7214 ▶ Needle Inlet Valve
 - 9 7215 ▶ Throttle Valve
 - 10 **NLA** Float
 - 11 7217 Short Velocity Stack Securing Stud
 - 12 7218 Long Velocity Stack Securing Stud
 - 13 7219 Bowl Cover Securing Screw
 - 14 7220 Bowl Cover Securing Screw Washer
 - 15 7221 Velocity Stack Securing Nut
 - 16 7222 Velocity Stack Washer
 - 17 7223 Velocity Stack - 36-40mm - 1 5/8" tall
 - 18 7224 Velocity Stack - 44-48mm - 1 7/8" tall
 - 19 **NLA** Needle Inlet Valve Gasket
 - 20 7229 Early Dual Inlet Pipe Union
 - 21 **NLA** Late Single Inlet Pipe Union
 - 22 7231 Late Dual Inlet Pipe Union
 - 23 7232 Early Union Securing Screw
 - 24 7233 Early Union Securing Screw Gasket
 - 25 7234 Early Fuel Filter
 - 26 7235 Early Union Gasket
 - 27 7236 Late Union Securing Screw
 - 28 7237 Late Union Securing Screw Gasket
 - 29 7238 Late Fuel Filter
 - 30 7239 Late Union Gasket
 - 31 **NLA** Large Float Pin
 - 32 **NLA** Float Clip
 - 33 **NLA** Small Float Pin
 - 34 7259 Idle Jet Holder
 - 35 7261 Idle Jet Holder O Ring
 - 36 7260 Intake Valve
 - 37 7261 Intake Valve O Ring
 - 38 **NLA** Delivery Valve
 - 39 **NLA** Delivery Valve Weight
 - 40 7264 Delivery Valve Seat Plug
 - 41 7265 Throttle Shaft Spacer
 - 42 **NLA** Throttle Lever (right side)
 - 43 **NLA** Throttle Lever (left side)
 - 44 7268 Throttle Return Spring (right side)
 - 45 7269 Throttle Return Spring (left side)
 - 46 7270 Throttle Spindle Nut
 - 47 7271 Retaining Plate (used part, when available)
 - 48 7272 Throttle Spindle Washer
 - 49 7273 Spindle Bearing
 - 50 7274 Pump Jet O Ring
 - 51 **NLA** Pump Jet Fuel Filter
 - 52 7276 Pump Jet Plug Gasket
 - 53 **NLA** Pump Jet Plug
 - 54 7278 Pressure Intake Union O Ring
 - 55 **NLA** Pressure Intake Union
 - 56 7282 Bypass Screw O Ring
 - 57 7281 Bypass Screw
 - 58 7282 Idle Mixture Screw O Ring
 - 59 7283 Idle Mixture Screw Washer
 - 60 7284 Idle Mixture Screw Spring
 - 61 7285 Idle Mixture Screw
 - 62 7286 Pump Diaphragm Spring
 - 63 3457 Pump Diaphragm
 - 64 7287 Pump Cover
 - 65 7288 Pump Cover Washer
 - 66 7289 Pump Cover Securing Screw
 - 67 7290 Pump Link Nut
 - 68 7291 Large Pump Link Washer
 - 69 **NLA** Long Pump Link Spring
 - 70 7293 Distance Tube
 - 71 7283 Small Pump Link Washer
 - 72 7284 Short Pump Link Spring
 - 73 7283 Small Pump Link Washer
 - 74 **NLA** Pump Lever Link
 - 75 7295 Pump Lever Link C-Clip
 - 76 7283 Small Pump Link Washer
 - 77 7296 Pump Control Lever - Billet
 - 78 7297 Pump Lever Securing Screw
 - 79 7298 Idle Throttle Valve Adjusting Screw
 - 80 7299 Progression Hole Well Plug
 - 81 7340 Throttle Valve Securing Screw
 - 82 7341 ▶ Throttle Valve Spindle
 - 83 7342 Auxiliary Venturi Securing Screw
 - 84 7270 Auxiliary Venturi Screw Securing Nut

▶ Check Chart for Available sizes

NLA No Longer Available



▶ DRLA Carburetor Parts - Sizing Chart

NOTE: Please specify exact sizes when ordering Jets & Venturi

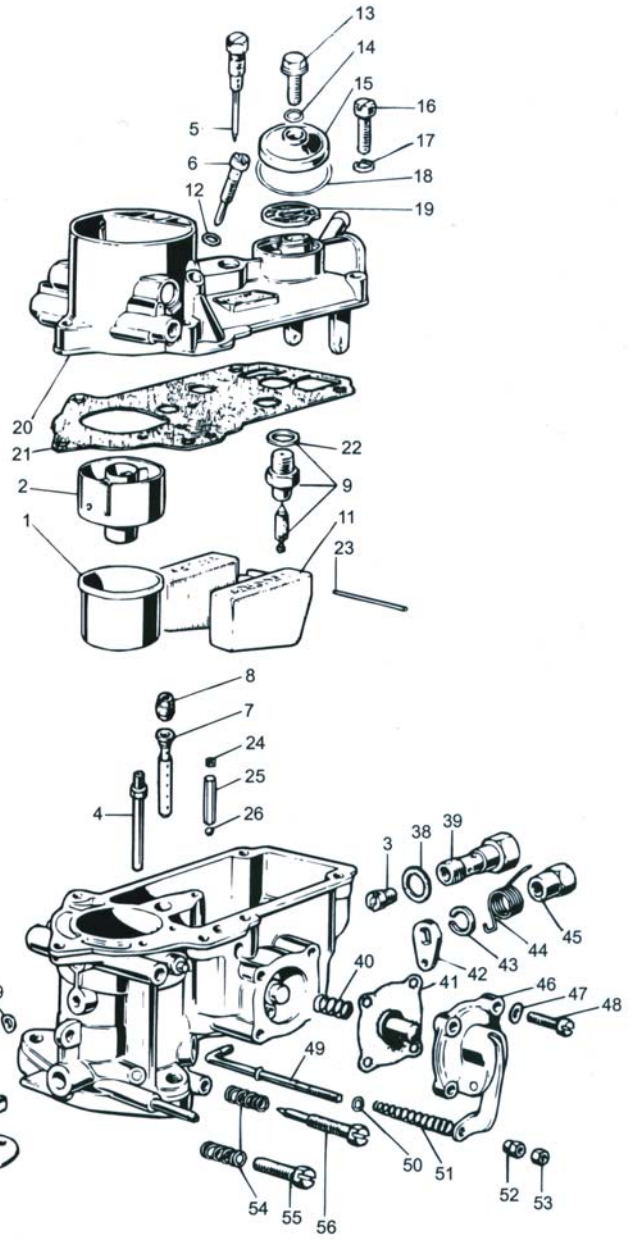
Idle Jets #7210	Main Jets #7209	A/C Jets #7213	Pump Jets #7211	Main Venturi #7207	Inlet Valves #7214	Emulsion Tubes #7212	Throttle Valves #7215	Throttle Valve Spindle #7341
.45 / .50	0.95 / 1.00 / 1.05 / 1.10 / 1.15	1.50 / 1.55	.33 / .35	36, 40, 45	1.50	#1	40mm	45-48mm
.52 / .55	1.20 / 1.22 / 1.25 / 1.28 / 1.30	1.60 / 1.65	.40 / .45	28mm / 30mm	1.70	#2	48mm	
.60 / .62	1.32 / 1.35 / 1.38 / 1.40 / 1.42	1.70 / 1.75	.50 / .55	32mm / 34mm	2.00	Turbo Emulsion Tube #3309		
.65 / .70	1.45 / 1.48 / 1.50 / 1.52 / 1.55	1.80 / 1.85	.60 / .65	45mm ONLY	2.50			
.75	1.58 / 1.60 / 1.62 / 1.65 / 1.68	1.90 / 1.95	.70 / .75	36mm / 38mm				
	1.70 / 1.72 / 1.75 / 1.78 / 1.80	2.00 / 2.05	.80	48mm ONLY				
	1.82 / 1.85 / 1.88 / 1.90 / 2.00	2.10 / 2.20		32mm / 36mm				
	2.05 / 2.10 / 2.15 / 2.20 / 2.25	2.25 / 2.30		38mm / 40mm				
	2.30 / 2.35 / 2.45 / 2.50	2.40 / 2.50						

Factory Jetting for Dual DRLA Carburetors

Carb Size	Idle Jet	Main Jet	A/C Jet	Pump Jet	Needle Inlet	Emulsion Tube	Main Venturi
36mm	.60	1.22	1.80	.50	1.50	#2	30mm
40mm	.60	1.40	1.80	.35	1.50	#2	34mm
45mm	.70	1.62	2.00	.55	1.50	#2	38mm
48mm	.70	1.80	2.00	.55	2.25	#2	40mm

FRD Parts Locator

Fig.	Part #	Description	
1	7400	▶ Main Venturi	▶ Check Chart for Available sizes
2	NLA	Auxiliary Venturi	* Available only in #2743 Rebuild Kit
3	7401	▶ Main Jet	▶ Same as DRLA Down Draft
4	NLA	Power Jet	NLA No Longer Available
5	7402	▶ Idle Jet	
6	7403	▶ Pump Jet	
7	NLA	Main Emulsion Tube	
8	7404	▶ Main Air Corrector	
9	7405	▶ Needle Valve	
10	NLA	Throttle Valve	
11	NLA	Float	
12	*	Pump Jet Gasket	
13	7407	Filter Cover Securing Screw	
14	*	Filter Cover Securing Screw Gasket	
15	7408	Filter Cover	
16	7219	Bowl Cover Securing Screw	
17	→ 7220	Bowl Cover Securing Screw Washers	
18	→ 7409	Filter Cover Gasket	
19	→ 7410	Fuel Filter	
20	NLA	Bowl Cover	
21	*	Bowl Cover Gasket	
22	*	Needle Valve Gasket	
23	NLA	Float Pin	
24	NLA	Delivery Valve Check Bushing	
25	NLA	Delivery Valve Weight	
26	NLA	Delievery Valve	
27	7340	Throttle Valve Securing Screw	
28	7411	Venturi and Aux. Venturi Secruing Screw	
29	7412	Washer	
30	7270	Throttle Spindle Nut	
31	7271	Retaining Plate (used part, available)	
32	NLA	Throttle Lever	
33	7413	Throttle Valve Stop	
34	→ 7414	Bushing	
35	→ 7415	Bushing Washer	
36	NLA	Washer	
37	NLA	Throttle Spindle	
38	*	Main Jet Plug Gasket	
39	7417	Main Jet Plug	
40	NLA	Pump Diaphragm Spring	



41	*	Pump Diaphragm
42	7418	Rod Lever
43	7419	Washer
44	7420	Throttle Spindle Return Spring
45	7421	Throttle Spindle Nut
46	NLA	Pump Cover
47	7288	Pump Cover Securing Screw Washer
48	7289	Pump Cover Securing Screw
49	NLA	Pump Lever Rod
50	7283	Small Pump Link Washer
51	NLA	Pump Link Spring
52	NLA	Nut
53	NLA	Nut
54	NLA	Idle Adjusting Screw Spring
55	7425	Throttle Adjuster Screw
56	7426	Idle Mixture Adjusting Screw

▶ FRD Carburetor Parts - Sizing Chart

NOTE: Please specify exact sizes when ordering Jets & Venturi

Idle Jets #7402	Main Jets #7401	Idle Jets #7404	Pump Jets #7403	Main Venturi #7400
.40	1.15 / 1.20	1.65	.45	24mm / 25mm
.50	1.25 / 1.28	1.75	.55	27mm / 28mm
	1.55			29mm

Factory Jetting for 34mm FRD Carburetors

Carb Size	Idle Jet	Main Jet	A/C Jet	Pump Jet	Needle Inlet	Emulsion Tube #3	Main Venturi
34mm	.45	1.28	1.70	.50	1.50	#3	27mm

Jet Doctor Kits

#7348 - The problem of plugged idle jets is easy to cure with CB's Dellorto Jet Doctor Kit. Installation is easy and usually requires less than one hour. The Dellorto Jet Doctor Kit includes the stuff you need to open "em up" and keep 'em flowing.

#7557 - Plugged Idle Jets can result from dirt, and other debris getting into the carburetor, and pooling up in the top of the carburetor cover. The Weber Jet Doctor blocks the holes that allow this debris into the carburetor, and provides a 'snorkel' to breathe fresh air from about an inch and half above the top of the carburetor cover.



- 7348 Jet Doctor Kit - fits 36, 40, 45, & 48mm - DRLA Carbs (one carb)
- 7557 Jet Doctor Kit - Weber IDF (one carb)

Carburetor Rebuild Kits

#3280 - Complete Rebuild / Overhaul Kit for Solex 28 thru 34 PICT-3.

Includes floats, springs and inline fuel filter.



- 3280 Solex Multi Carb Rebuild Kit
- 3281 Kadron Multi Carb Rebuild Kit
- 3282 Kadron New Replacement Parts Kit
- 3297 Dual 34mm Solex Master Rebuild Kit (Left & Right)
- SO-17K Beetle, Bus, T-2, 40hp ('60-63) Solex 28 PICT
- SO-28K Fastback & Squareback, Dual Carb ('63-68) Solex 32 PDSIT
- SO-31K Beetle, Type-2, 1300 ('63-68) Solex 28 PICT-1, 30 PICT-1
- SO-32K 1500 (8/'67 on), 1600 T-2 Bus - 1967-68 - Solex 30 PICT-2
- SO-34K 1600 Beetle, 1600 Transporter ('71-73) Solex 30 PICT-3
- SO-37K Super Beetle ('71) Solex 34 PICT-4
- SO-39K T-2, Std. Trans. L or R, 1700 ('72-74) Solex 34 PDSIT-2, -3

STE Carb Flow Meters

The BK Model is suitable for all intake diameter with approximately 2 1/2" (56 to 65mm Diameter) without adapter.

The SK Model is ideal for all ram pipes and intake bores of 1 5/8" to 2 1/8" (40 to 50mm Diameter).



- 6534 STE Flow Meter (BK model)
- 6537 STE Flow Meter (SK model)
- 6538 STE Flow Meter Adapter (for BK fits boresizes 1 5/8 - 2")

Jet Reamer Set & Plug Gauges

Tapered Jet Reamers cut a clean tapered jet hole and allow you to work to closer tolerances than old style twist drill kits.

Jet Plug Gauges are used to check jet sizes before and after reaming. Two sizes of gauges are available.

MADE IN GERMANY.



- 3257 Carburetor Jet Reamer Set
- 3258 Jet Plug Gauges (.45mm - 1.50mm Range)
- 3259 Jet Plug Gauges (1.5mm - 3.00mm Range)

Weber IDF Venturi



Available to fit 40 IDF Carbs, in 32 or 34mm, and 44 IDF Carbs in 32, 34, 36 & 38mm sizes.

All are Billet Venturi, with the exception of the 6356-36, which is a Weber Factory Venturi)



Application	32mm	34mm	36mm	38mm
Weber 40 IDF	6395-32	6395-34	--	--
Weber 44 IDF	6356-32	6356-34	6356-36	6356-38

IDF Mixture Screw Repair Kit

NOTE: The #6381 kit was designed to fit original Italian IDF carbs. It is not recommended for IDF carbs manufactured elsewhere.



6381	Weber IDF Mixture Screw Repair Kit
6380	Weber IDF Mixture Screw (each)
6383	Weber IDF Mixture Screw Retainer Spring

Accelerator Pump Diaphragms



6365	Accelerator Pump Diaphragm - Weber 40, 44, & 48 IDF early model carbs w/roller on accelerator pump arm
6366	Accelerator Pump Diaphragm - Weber 40, 44, & 48 IDF late model carbs w/spring loaded accelerator pump shaft

IDF Inlet Valves

Manufactured to exact OEM Specs to provide precise fuel control.



6368	Weber IDF Inlet Valve #175
6369	Weber IDF Inlet Valve #200
6370	Weber IDF Inlet Valve #250

IDF Billet Velocity Stacks & Velocity Stack Filters

Fits IDF carbs and CB Throttle Bodies. A perfect fit and a cleaned machined finish to compliment your engine. Bolt these on for increased CFM and iistant performance! Does not work with normal air filters, but does work with Velocity Stack Filters. **NOTE: Due to the increased air flow, some engines will require re-jetting of the carbs.** Velocity Stack Filters will eliminate any foreign debris from entering your performance engine. Perfect for street or strip, when running open stacks.

6375	Polished IDF Billet Velocity Stacks - 3 1/2" (each)
6379	IDF Billet Velocity Stacks - 3 1/2" (each)
6373	Velocity Stack Filters - fits IDF Billet (one pair)



Weber IDF Replacement Parts

Here are some replacement parts for your Weber IDF Carbs. The #6390 prevents fuel from sloshing out of the default Float Bowl Vent.



6358	Weber IDF Internal Filter
6359	Weber Idle Jet Holder
6390	Weber IDF Return Spring
6393	Float Bowl Vent - Weber IDF

Weber IDF Zero Bypass Valve

The Weber IDF Zero Bypass Valve is the key to eliminating off-idle stumble and flat spots during acceleration.

It basically forces the fuel in the accelerator pump circuit out of the pump jet when you hit the throttle, instead of dumping it back into the float bowl.



THE SECRET IS OUT!

6367	Weber Zero Bypass Valve
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Weber IDF Update Kit

You'll get increased torque, acceleration, and more top end with this all new energy package. The Weber IDF Update Kit features horizontal spray bars that replace standard bulls eye secondary venturi to produce improved atomization through the power band. Longer taper flow main venturi to improve airflow and special calibration are also included. Each Weber IDF Update Kit also includes a complete gasket and O-ring kit. Each kit is designed to convert two carburetors to fast track horizontal spray bar discharge. This is a straightforward parts replacement installation. Machining, drilling, or altering of the carbs is not required.



POWER UP YOUR WEBER'S WITH CB'S WEBER IDF UPDATE KIT!

6456	Weber IDF Update Kit - fits 40mm IDF (2 carbs)
6457	Weber IDF Update Kit - fits 44mm IDF (2 carbs)

Weber IDF Float Bowl & Gasket Seal Kit

A gasket & seal kit for your Weber 40 or 44 IDF Carbs.

Fits One Carburetor.



6350	Weber 40 IDF Float Bowl Gasket & Seal Kit (one carb)
6351	Weber 48 IDF Float Bowl Gasket & Seal Kit (one carb)

Weber IDF Universal Rebuild Kit

Complete Rebuild / Overhaul Kit for Weber 40-44-48 IDF Carbs .

Includes a new float, air-fuel mixture screws & springs. Services one carb, not a pair. This is a well thought out, quality 39 piece kit.



FINALLY, A COMPLETE REBUILD KIT!

3279	Weber IDF Universal Rebuild Kit (fits 40,44 & 48)
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Emulsion Tubes

For use on Weber IDF, IDA, and DCOE Carbs.

Turbo Emulsion Tubes help enrichen the fuel flow during periods of high boost and yet provide a lean enough mixture to obtain reasonable economy at normal highway speeds.



- 6352 Weber Emulsion Tube F-7 (each)
- 6353 Weber Emulsion Tube F-2 (each)
- 6354 Weber Emulsion Tube F-11 (each)
- 3309 Turbo Emulsion Tube - fits Dellorto DRLA (each)
- 3314 Turbo Emulsion Tube - fits Weber IDF (each)

Weber Jets



#6357 Weber IDA Idle Jets	#6394 Weber IDF Idle Jets	#6389 Weber A/C Jets (IDF, IDA or DCOE)	#6398 Weber Main Jets (IDF, IDA or DCOE)
50 F10	.40 / .45	1.60 / 1.65 / 1.70	1.15 / 1.20 / 1.25 / 1.30
65 F10	.50 / .55	1.75 / 1.80 / 1.85	1.35 / 1.40 / 1.45 / 1.50
70 F10	.60 / .65	1.90 / 1.95 / 2.00	1.55 / 1.60 / 1.65 / 1.70
75 F10	.70 / .75	2.10 / 2.20	1.75 / 1.80 / 1.85 / 1.90
80 F10			2.00 / 2.05 / 2.10

Weber Carb Rebuild Kits



NOTE: Floats not included in these rebuild kits.

- 6361 Weber Carb Rebuild Kit - DCNF (40, 42, & 44)
- 6362 Weber Carb Rebuild Kit - IDF (40, 44, & 48)
- 6363 Weber Carb Rebuild Kit - 48 IDA
- 6364 Weber Carb Rebuild Kit - DCOE (40, 45, & 48)

Weber A/N Hose Adapter



Now you can easily run A/N fittings and stainless steel hoses directly to your Weber IDA or IDF carbs!

This is the best way to adapt -6 A/N fittings to any Weber IDA or IDF setup.



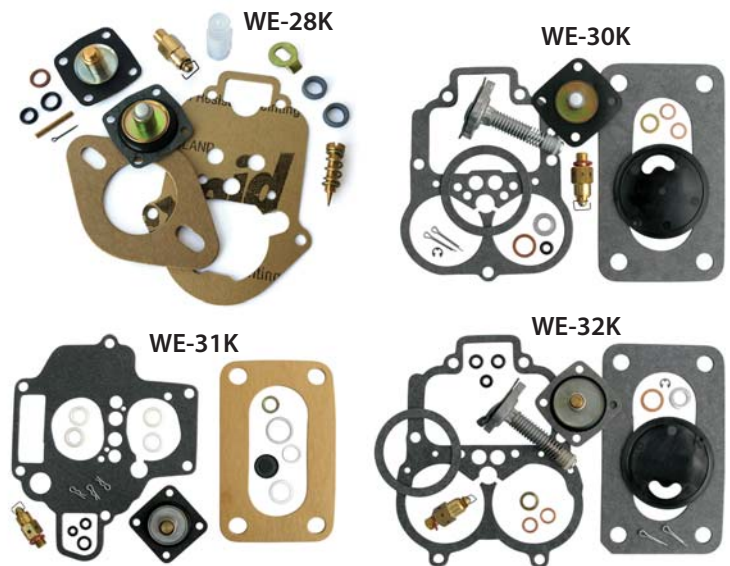
NOTE: Works only on Weber Carbs w/threaded fuel inlet.

- 3804 Weber IDA A/N Hose Adapter (-6)
- 3809 Weber IDF A/N Hose Adapter (-6)

Weber Rebuild Kits

Weber Rebuild Kits, available for a variety of carburetors, to rebuild one carb only.

- WE-28K Weber Rebuild Kit - ICT 34
- WE-30K Weber Rebuild Kit - 32/36 DFAV
- WE-31K Weber Rebuild Kit - 32/36 DFTA
- WE-32K Weber Rebuild Kit - DGAV



Weber IDA Replacement Parts

Here are some replacement parts for your Weber IDA Carbs.



6384	Original Velocity Stack - Weber 48mm IDA (each)
6385	37mm Venturi - Weber IDA
6391	2.00 Needle and Seat - Weber IDA
6392	48mm Throttle Plate - Weber IDA

3.3 Glass Ball Needle Valve for Weber IDA



Glass Ball type needle and seats for the Weber 48 IDA and GEERS' Terminator carburetors. These also fit Berg 58 carbs. These are a true 3.3mm and are the highest flowing needle and seats on the market today. A must for high horsepower drag-racing applications. **Sold Each.**

MANUFACTURED BY GEERS ENGINEERING.

7349	Weber IDA - 3.3 Glass Ball Needle Valve NEW!
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48 or 51.5 IDA Venturi's

Sold in sets of four.



Size	40	41	42	43	44	45	46	48
48 IDA	5315	5316	5317	5318	5319	5320	--	--
51.5 IDA	--	--	--	--	5321	--	5322	5323

True Position IDA Linkage Arms

Investment cast stainless steel construction allows for precise throttle linkage adjustment that will stay in sync under the most extreme conditions.



LINKAGE FLEX IS A THING OF THE PAST!

6460	True Position Stainless Steel IDA Linkage Arms
------	--

IDA Billet Velocity Stacks, Filters & Stack Covers

Bolt on an instant increase in air flow and top end power with these velocity stacks. #6372 Fits stacks with 3.950"OD.

Velocity Stack Covers (#6378) fit CB's IDA Billet Velocity Stacks.

Size	Polished	Black	Blue	Red
2 5/16"	6376	6422	6423	6424
3 3/16"	6377	6386	6387	6388

6372	Velocity Stack Filters - fits IDA Billet (one pair)
6378	Vel. Stack Covers - fits CB Billet IDA Velocity Stacks (one pair)



Polished Aluminum IDA Short Velocity Stacks



Now you can fit your Dual IDA's under the deck when using our tall Big Beef manifolds. A perfect fit and beautiful finish to top off your IDA series carbs. Polished Aluminum inside and out, and Made in the USA from 6061 bar stock. These stacks have the added feature of an auxiliary venturi securing ring, this is a must if your carburetors do not have the auxiliary venturi securing screw. You must shorten your auxiliary venturis, or purchase our pre-cut Shortened Auxiliary Venturis (#6421).

Fits under the deck lid of most Type-1 VW's.

**Wider engines and early small engine compartments may not clear*.*

6420 Polished Aluminum IDA Short Velocity Stacks (sold in pairs) **NEW!**



Shortened Auxiliary Venturi

We start with standard height Auxiliary Venturis, and cut them down to work with our Polished Aluminum IDA Short Velocity Stacks (you could also "cut your own" to work with these stacks).



SOLD IN PAIRS.

6421 Shortened Auxiliary Venturi - Weber IDA (one carb) **NEW!**

Stainless Steel IDA Velocity Stack Securing Screws



Set of four Stainless Steel Button-head hex socket screws, for use with #6420 CB Performance Billet IDA Velocity Stacks.

SOLD IN SETS OF FOUR.

7216 Stainless Steel IDA Vel. Stack Securing Screws (4) **NEW!**

Stock Velocity Stacks

Die cast Standard Height Velocity Stacks help eliminate mid-range flat spots, improve throttle response and increase top-end power.



6355



7223



7224

A complete selection is available to fit Weber IDF and Dellorto DRLA and DHLA carburetors.

6355 Velocity Stacks - O.E. Weber 44 IDF (2 1/4" tall)

7223 Std. Height Vel. Stack - 36-40 IDF & DRLA (1 5/8" tall)

7224 Std. Height Vel. Stack - 44, 45 & 48 IDF & DRLA (1 7/8" tall)

Super Tall Velocity Stacks



3298

3299

3298 Super Tall 6" Velocity Stack - IDF & DRLA - polished (each)

3299 Super Tall 6" Velocity Stack - IDF & DRLA (each)

Dellorto DRLA Update Kit

New horizontal discharge tubes, extended idle stacks, new main gas and air jets, venturis and complete gasket/o-ring kit.

The result is more power at lower RPM and extended performance at high speed.



- 7345 DRLA Update Kit - fits Dual 40mm carbs (2 kits)
- 7346 DRLA Update Kit - fits Dual 45mm carbs (2 kits)
- 7347 DRLA Update Kit - fits Single 40mm carbs (1 kit)

DRLA Gasket Kits



- 2708 Gasket Kit - DRLA - 36-40mm
- 2710 Gasket Kit - DRLA - 45mm
- 2711 Gasket Kit - DRLA - 48mm

Dellorto Master Rebuild Kit

NOTE: Floats not included in these rebuild kits.



Type	36-40mm	45mm	48mm
DRLA	2740	2741	2742
DHLA Sidedraft	2745	2746	2747
2743	Dellorto Master Rebuild Kit - 34mm FRD		
3037	Dellorto Turbo Rebuild Gasket Kit - 45mm		

Dellorto Carb Accessories



- 3457 DRLA Accelerator Pump Diaphragm
- 3459 DHLA Accelerator Pump Diaphragm
- 7209 Dellorto Main Jet for DRLA & DHLA Carbs (.95, 1.00, 1.05, 1.10, 1.15, 1.20, 1.22, 1.25, 1.28, 1.30, 1.32, 1.35, 1.38, 1.40, 1.42, 1.45, 1.48, 1.50, 1.52, 1.55, 1.58, 1.60, 1.62, 1.65, 1.68, 1.70, 1.72, 1.75, 1.78, 1.80, 1.82, 1.85, 1.88, 1.90, 2.00, 2.05, 2.10, 2.15, 2.20, 2.25, 2.30, 2.35, 2.40, 2.45 or 2.50)

- 7210 Dellorto Idle Jet for DRLA and DHLA Carbs (.45, .50, .52, .55, .60, .62, .65, .70, or .75)
- 7211 Dellorto Pump Jet for DRLA and DHLA Carbs (.33, .35, .40, .45, .50, .55, .60, .65, .70, .75, or .80)
- 7213 Dellorto Air Correction Jet for DRLA Carbs (1.50, 1.55, 1.60, 1.65, 1.70, 1.75, 1.80, 1.85, 1.90, 1.95, 2.00, 2.05, 2.10, 2.20, 2.25, 2.30, 2.40, or 2.50)

Air Filter Assemblies (IDF & DRLA)

Height	Application	Left	Single	Right
1 1/2"	IDF & DRLA (Dual)	3370	--	3369
1 1/2"	Universal/912 & 356, IDF & DRLA	--	3260	--
2 1/2"	IDF & DRLA (Single)	--	3310	--
2 1/2"	Universal/912 & 356, IDF & DRLA	--	3316	--
3 1/4"	ICT - Type-1 & Type-2 (Dual)	3377	--	3276
3 1/4"	IDF & DRLA (Dual)	3368	--	3367
3 1/4"	IDF & DRLA (Single)	--	3311	--
3 1/4"	Universal/912 & 356, IDF & DRLA	--	3312	--



Side Draft Air Filter Assembly



3377	3 1/4" Air Filter Assembly (side draft) DHLA & DCOE
3378	2 1/2" Air Filter Assembly (side draft) DHLA & DCOE
3379	1 1/2" Air Filter Assembly (side draft) DHLA & DCOE

6" Air Filter Assembly



3313	6" Air Filter Assembly (Universal / 912 & 356) IDF & DRLA
3365	6" Air Filter Assembly - IDF & DRLA (right)
3366	6" Air Filter Assembly - IDF & DRLA (left)

Replacement Air Filters



3305	1 1/2" tall Air Filter
3304	2 1/2" tall Air Filter
3301	3 1/4" tall Air Filter
3274	6" tall Air Filter

Super 9" Air Filter



3273	SUPER 9" Air Filter Element
3307	SUPER 9" Air Filter Assembly (Universal / 912 & 356) IDF & DRLA
3317	SUPER 9" Stud Kit (2 - 9" studs, wing nuts, rubber washers & lock nuts)

CB Sand System

Full size 10" covered air filters are equipped with double elements to give you triple protection from harmful sand. Dirt particles are knocked down by the round aluminum shield, medium sized dust particles are trapped in the outer open cell air filter, and final stage 3 filtering is accomplished in the inner micro cell filter.

For use on open bodied dune buggies and desert machines with Weber IDF or Dellorto DRLA Carbs using CB Cross Bar Linkage.



3210	Covered Air Filter for CB Sand System (2" Neck)
3211	Covered Air Filter for CB Sand System (2 1/2" Neck)
3387	Complete CB Sand System
3388	Sand System Air Box

3389	CB Sand System Mounting Hardware
7225	36, 40mm - Special 1" Velocity Stack
7226	44, 45, 48mm - Special 1" Velocity Stack

Large UNI Off-Road Air Filter

For use with 48 IDA Carbs.

Works well with CB's #3130 Cross Bar Linkage Kit.



Dimensions are 11.5" x 7.5" x 5" tall.

3100	Large UNI Off-Road Air Filter Assembly (5" Tall) IDA
------	--

UNI Filter Wraps



Provides an extra layer of dirt and dust prevention for off-road applications. **Sold Each.**

3290	UNI Filter Wrap (3 1/2" Tall)
3291	UNI Filter Wrap (6" Tall)

Stock Air Filters

For use on all single barrel VW carbs.



Fitted with engine case breather tube. Fits 2" neck. 1/2" vent.

3225	UNI Air Filter - Stock Carb
3226	Air Filter - Sedan and Buggy

Solex Air Filter

Fits Solex Carburetors, and Dual Solex Carb Kits.



The top measures 4 5/16" in diameter and the bottom is 5 3/16". The entire Air Filter measures 4", and has a 2" wide opening at the neck..

3100	Solex Air Filter
------	------------------

Foam Air Filters



3228	UNI Air Filter (Large)
3229	UNI Air Filter (6" OD x 3" Tall)
3318	UNI 2-Stage Foam Air Filter (3 1/4")
3319	UNI 2-Stage Foam Air Filter (6")
3329	UNI 2-Stage Foam Air Filter (4 3/4")

Filter Service Oil

Keep your Air Filters Clean and Dry!



3359	UNI Foam Filter Service Oil
3361	Air Filter Oil (blue)
3362	Precision Cleaning & Oil Kit

Outerwears - the Pre-Filters for DRLA & IDF Air Filter 3 1/4"

They slip right over Dellorto and Weber air filters to knock down much of the dust, dirt and sand before it reaches your air filter.

Sold Individually.

Size	Blue	Orange	Black	Red	Yellow	Purple
3 1/4"	3576	3577	3578	3579	3580	3565
6"	3581	3582	3583	3584	3585	3566
9"	3586	3587	3588	3589	3596	3567



Outerwears for Large Filstar

(6 1/2" x 11 1/2" x 4 3/4")



3103	Black Outerwear - Large Filstar Air Filter
3104	Blue Outerwear - Large Filstar Air Filter
3105	Red Outerwear - Large Filstar Air Filter

Outerwears for 6" Turbo

Run cleaner and extend the life of your off road air filters with easy to use Outerwears.



3702	Red Outerwear (6" Turbo) Straight
3703	Blue Outerwear (6" Turbo) Straight
3704	Black Outerwear (6" Turbo) Straight

Outerwears for Solex Air Filters

They slip right over Solex air filters to knock down much of the dust, dirt and sand before it reaches your air filter.



3560	Black Outerwear - Solex Air Filter
3561	Blue Outerwear - Solex Air Filter
3562	Red Outerwear - Solex Air Filter

Scrub Bags

Install them before washing off your engine to keep soap, sand, or anything else from getting into your carburetors. Manufactured from water-proof fabric and available to fit our 4 1/2" x 7" x 4", 6", & 9" tall air filters.



Size	Black	Red	Blue
4" Scrub Bags	3770	3771	3772
6" Scrub Bags	3773	3774	3775
9" Scrub Bags	3776	3777	3778

Aluminum Air Filter Bases



3075	(Type-1 & Type-2) ICT (right)
3076	(Type-1 & Type-2) ICT (left)
3077	(Type-3 & Type-4) ICT (right)
3078	(Type-3 & Type-4) ICT (left)
3266	Space Saver Base Plates (one pair)
3336	Single IDF & DRLA (each)
3337	(Universal) without Linkage Arms - IDF & DRLA (each)

3411	(Type-3 & Type-4) FRD (right)
3412	(Type-3 & Type-4) FRD (left)
3413	IDF & DRLA (right)
3414	IDF & DRLA (left)
3465	Single Side Draft Air Filter Base
6481	(for Straight Manifolds) IDF & DRLA (right)
6482	(for Straight Manifolds) IDF & DRLA (left)

Aluminum Air Filter Tops



Air Cleaner Tops to fit Weber or Dellorto Carburetors.

Sold Individually.

3300	Aluminum Air Filter Top - IDF & DRLA (each)
3303	Aluminum Air Filter Top - FRD & ICT (each)

Air Filter Stud Kit



Shipped with 2 studs, rubber sealing washers, lock washers and wing nuts required to mount one DELLORTO or WEBER downdraft air cleaner.



3380	Air Filter Stud Kit - DRLA & IDF - 6"
3381	Air Filter Stud Kit - DRLA & IDF - 3 1/4"
3382	Air Filter Stud Kit - DRLA & IDF - 2 1/2"
3383	Air Filter Stud Kit - DRLA & IDF - 1 1/2"
3384	Air Filter Stud Kit - FRD & ICT - 3 1/4"
3385	Air Filter Stud Kit - FRD & ICT - 1 1/8"

High Performance Rotary Inline Fuel Pump

This fuel pump is self priming and will deliver smooth, consistent fuel pressure you can only get from a rotary designed fuel pump.

The range of pressure is 2 - 3.5 PSI and is based off of line size - a smaller line will receive a higher pressure. This great little fuel pump has a flow rate of 26.5GPH/ 100LPH at 12 volts with a 2 amp draw. The perfect choice for a set of dual Dellorto or Weber carburetors. Complete kit includes: 1x Fuel Pump, 1x Metal Filter, 2x Bolts, 2x Nuts, 2x Lockwashers, 4x Hose Clamps. **Manufactured by DERALE Performance.**



3195 High Performance Rotary Inline Fuel Pump **NEW!**

Rotary Fuel Pump

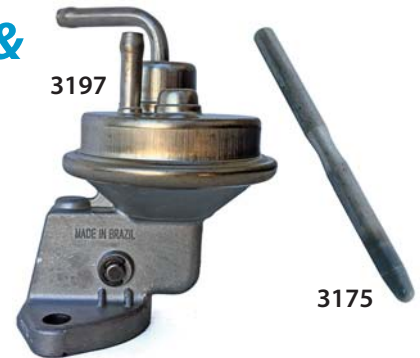
It's a rotary so it runs quiet and smooth without fuel surge.



3193 Rotary Fuel Pump - 3 1/2 lbs. - 12 volts

Fuel Pumps & Fuel Pump Push Rods

A leaky fuel pump can be very dangerous. Don't gamble - replace your worn fuel pump today.



- 3197 Fuel Pump ('61-73)
- 3199 Fuel Pump ('74-later alternator model)
- 3175 Fuel Pump Push Rod ('61-73)
- 3198 Fuel Pump Push Rod (100mm late)

CB Billet Fuel Pump Block Off

Precision machined from a billet of 6061, then anodized in Black, Blue or Red, finished off with CNC engraving and stainless hardware. A must have when running an electric fuel pump.



- 5327 Black CB Billet Fuel Pump Block Off
- 5328 Blue CB Billet Fuel Pump Block Off
- 5329 Red CB Billet Fuel Pump Block Off
- 5330 Clear CB Billet Fuel Pump Block Off



Fuel Pump Block Off Plate

Used to block hole left with removal of stock VW fuel pump. Adds a racing look to your engine.



Manufactured from an aluminum casting and features a custom deep finned look. Fits all 40hp, 13, 15 and 1600cc VW engines.

3179 Fuel Pump Block Off Plate

Fuel Pressure Regulator w/See Through Filter Housing

Features:

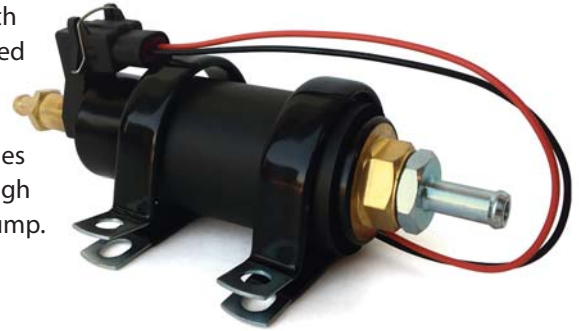
- Pressure Range: 1.5 psi to 5 psi
- Compatible with E85
- Improved Engine Performance
- Improved Mileage
- Smooth Idle
- Adjustable Pressure
- Wide Surface Stainless Filter Element



3185 Fuel Pressure Reg. w/See Through Filter Housing **NEW!**

High Pressure Fuel Pump

Can be used with Turbo-Carbureted or Fuel Injected Naturally-Aspirated engines that require a high pressure fuel pump.



7316 Airtex High Pressure Fuel Pump

Fuel Pressure Regulators

Constant Rate Fuel Pressure Regulators are boost sensitive and recirculate fuel to the gas tank while supplying the required amount of fuel and pressure to the turbo carburetors.



Two models are available, for use with Single or Dual blow-through carburetors and boost pressures up to and exceeding 20 psi.

7246 Fuel Pressure Regulators (Turbo) Dual Carb Model

7247 Fuel Pressure Regulators (Turbo) Single Carb Model

Fuel Pressure Regulator (Petrol King) Single Outlet



Preset to provide 3 1/2lbs. of constant fuel pressure with electric or mechanical fuel pumps. Used for normal mechanical or electric pump installations and has one inlet and one outlet for installations between the fuel pump and the carburetor. Uses 1/4" hose x 1/8" - 27 NPT Brass Fittings (sold separately).

MANUFACTURED IN ITALY.

3178 Fuel Pressure Regulator - Petrol King - Single Outlet

Fuel Shut Off Valve

Fuel Shut Off Valves have 1/4 inch male and female inch tapered pipe threads to fit most gas tanks.



6542 Fuel Shut Off Valve

6545 Fuel Shut Off Valve

Brass Fuel Outlets

Perfect for most off-road after-market fuel tanks that have a 1/4" pipe female fuel outlet.



6543 Brass Straight Fuel Outlet

6544 Brass Elbow Fuel Outlet

Replacement Gas Tanks

Replace your rusted-out gas tank with a brand new OEM quality replacement tank.



MADE IN BRAZIL.

7101

7100	Gas Tank - fits 1962-'67 Sedan
7101	Gas Tank - fits 1968-later Sedan
7102	Gas Tank - fits up to 1974 Super Beetle
7103	Gas Tank - fits 1975-later Super Beetle

Billet Fuel Tank Clamp Kit

Available in your choice of Clear or Black Anodized.



MANUFACTURED BY FAST FAB.

7181	Billet Fuel Tank Clamp Kit (Clear Anodized) NEW!
7182	Billet Fuel Tank Clamp Kit (Black Anodized) NEW!

Replacement Gas Caps

Replacement Gas Caps are available in a wide variety of styles to fit your vehicle.



6069

111-201-551a

113-201-551a

211-201-551

6069	Gas Cap (Replacement for Aluminum Tanks)
111-201-551a	Gas Cap ('56-60 Bug)
113-201-551a	Gas Cap ('68-70)
211-201-551	Gas Cap (Bus to '67, also Early T-1 Brazil Tank)
343-201-551	Gas Cap (T-1 to '67, T-2 '68-72, Thing '73-74)
321-201-551g	Gas Cap ('71-on)
321-201-551h	Locking Gas Cap (Type-1 & Type-3, 8/'71-on)



343-201-551

321-201-551g

321-201-551h

Fuel Tank Outlet Kit

Fits just about every VW fuel tank on the road.



3189 Fuel Tank Outlet Kit

7mm High Flow Fuel Tank Outlet Kit w/Filter

Comes with a filter to keep crud out of your fuel lines.



3190 7mm High Flow Fuel Tank Outlet Kit w/Filter

Fuel Tank Adapter

Connect your high-volume fuel system to a stock VW fuel tank. Each fitting comes with a coated Viton sealing o-ring for use with all standard or racing fuels. ***Not recommended for use with nitromethane or alcohol fuels.**



3288 Fuel Outlet - #6 AN to VW
3289 Fuel Outlet - #8 AN to VW

Fuel Line, Vacuum Line & Vent Hose



Sold by the foot.

2770	Cloth Braided Vacuum Line - 3mm
2771	Cloth Braided Fuel Line - 5mm, fits stock Solex Carbs
2772	Cloth Braided Fuel Line - 7mm, for use w/Fuel Injection
2773	Fuel Line - S.A.E. 30R6 (5 feet)
2774	Breather Vent Hose - 12mm, for use w/Smog Equipment
3805	Hose Clamp - Fuel Line Clamp - 5/16"

See Through Fuel Filter



The clear plastic outer shell provides a visual check of your engines fuel system. Trap particles as small as 15 microns.

The fuel inlet/outlet is stepped to accommodate stock 4mm fuel line or 6.5mm high performance fuel line.

3184	See Through Fuel Filter
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Super Seal Base & Intake Gaskets

Thicker, heavier, and more durable to provide race-quality long life performance. Manufactured from Accopac 20 and chemically treated to withstand temperatures, fuel, and oil vapor. The additional thickness provides the "crush" to help seal intake manifolds and carburetors without excessive torque and bolt pressure.



2700	Base Gasket - 36-40mm Dellorto DRLA and 40 Weber IDF
2701	Base Gasket - 48mm Weber IDA
2702	Base Gasket - 45-48mm Dellorto DRLA & 48mm IDF
2703	Base Gasket - fits 28mm Solex PICT
2704	Base Gasket - fits 34mm PICT Solex & 34mm Dellorto FRD
2705	Base Gasket - 40mm Weber DCOE
2706	Base Gasket - 45-48mm Weber DCOE
2707	Base Gasket - fits Dual 34mm Weber ICT Carbs
2709	Base Gasket - 44mm Weber IDF
2716	Air Filter Base Gasket - 36-48mm DRLA & IDF
2718	Base Gasket - fits 30mm Solex PICT
2719	Base Gasket - fits Dual 34mm Solex PICT
2738	Air Filter Base Gasket - fits Dellorto DHLA & Weber DCOE



2720	Intake Gasket - fits Dual Port Round Port
2721	Intake Gasket - fits Dual Port Oval Port & Street Eliminator
2722	Intake Gasket - Single Port (each)
2723	Intake Gasket - fits Street Eliminator
2724	Intake Gasket - fits 914, Type-2 1700 & 1800cc (1.7/1.8)
2725	Intake Gasket - fits 914, Type-2 2 liter
2726	Intake Gasket - fits Porsche 356 & 912
2737	Intake Gasket - Competition Eliminator
2787	Big Beef Intake Gasket - fits Dual Port Type-1 (each)
2788	Panchito 044™ Intake Gasket (each)

Big Beef Manifolds

Designed specifically for our big flanged 044 Cylinder Heads, but can also be used on any standard round dual port design cylinder head.

Designed in the true Pro-Comp straight manifold fashion, this manifold truly is the only manifold that should be matched up to any head with massive high flowing intake ports. Accepts standard IDA series carburetors and CB throttle bodies.

Custom Match Porting to any of our CYLINDER HEADS is also available.

- 3155 Big Beef Manifolds - IDA (set of 2)
- 3157 Big Beef Manifolds - IDF, DRLA & CB Throttle Bodies (set of 2)



Offset Manifolds

Works well with #3137 & #3143 CB Linkage Kits.

Hardware & Gaskets are included. **Sold in Pairs.**



- 3168 Type-1 Offset Manifolds - IDF & DRLA (set of 2)

Space Saver Manifolds

Use these manifolds to run Dual Weber IDA carbs under the deck! Includes 2 manifolds, 2 base gaskets, 2 intake gaskets, and a stud and nut kit. Requires a Billet Bell Crank Linkage.



- 3267 Space Saver Manifolds - IDF & DRLA (set of 2)

Type-3 Manifolds

Looking for more power? Increased power, quick throttle response, and believe it or not, improved gas mileage can be the result of properly installed dual carbs. **3" height.**



- 3170 Type-3 Manifolds - 36, 40, 44, & 45mm IDF & DRLA (set of 2)

Type-4 & 914 Manifolds

#3156 works with these CB Linkage Kits: #3129, #3133 and #3135.

#3161 works with CB #3131.



- 3156 Type-4 & 914 Manifolds - IDF & DRLA (set of 2)
- 3160 356 & 912 Manifolds - IDF & DRLA (set of 2)
- 3161 Type-4 & 914 Manifolds - 48mm IDA (set of 2)

Dual 34mm Weber ICT Manifolds

Increased power, quick throttle response, and believe it or not, improved gas mileage!

Hardware and Gaskets Included.



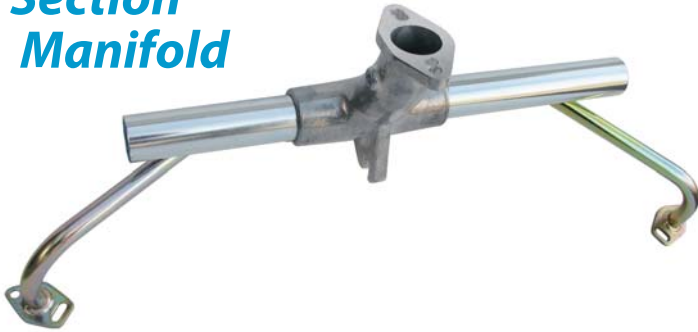
- 3079 Dual Port Type-1 & Type-2 Manifolds (set of 2)
- 3080 Single Port Type-1 & Type-2 Manifolds (set of 2)
- 3081 Dual Port Type-3 Manifolds (set of 2)
- 3082 Type-4 Manifolds (set of 2)

Competition Eliminator Manifolds



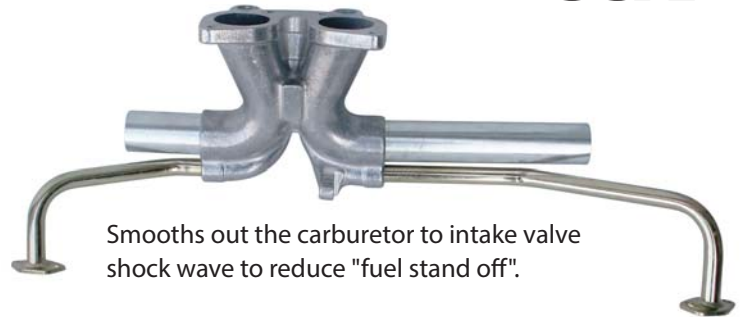
- 3140 Comp Eliminator Manifolds - IDF & DRLA (set of 2)
- 3141 Comp Eliminator Manifolds - IDA (set of 2)
- 3142 Comp Eliminator Manifolds - IDF & DRLA Machined for Injectors (set of 2)

PICT Center Section Manifold



- 3151 PICT Center Section Manifold with heat risers (fits 28, 30 & 34 PICT)

Low Profile Manifold



Get full range, smooth performance and a solid gain in top end performance. Fits '66 & later Upright Engines.

- 3238 Low Profile Manifold with heat risers - IDF & DRLA

Silicone Intake Boots



Replaces cracked and leaking rubber intake boots. Manufactured from top quality fuel resistant silicone to withstand heat and ozone. Packaged in sets of 2 boots & 4 clamps. Fits Type-1 & 2 Center Section Manifolds.

- 3186 Silicone Intake Boot (each)
- 3187 Silicone Intake Boot Kit (2 boots & 4 clamps)

Manifold Stud Kits

Used to bolt down your manifolds.



- 3114 4 x 4 Manifold Stud Kit
- 3118 8 x 8 Manifold Stud Kit

Nuts

12 point 8mm x 10mm Flange Nuts are heat-treated to Grade 8, and plated to inhibit rust. 8 x 11 Nuts are super-small on the outside to provide extra clearance.



- 3334 12 point 8mm x 10mm Flange Nuts - Grade 8 (each)
- 3335 8 x 11 Nuts (each)

Complete Cross Bar Linkage Kits

These kits included Manifolds & Air Filters, except for the last two, which only include Air Filters.

3111	(Dual Port Type-3) IDF & DRLA (won't work w/48mm carbs)
3124	(Panchito 044™ Dual Port Type-1 Offset) IDF & DRLA
3125	(Dual Port Type-1 Offset) IDF & DRLA
3126	(Big Beef, Straight) IDF & DRLA
3127	(Street Eliminator, Offset) IDF & DRLA
3128	(Type-4 & 914) IDF & DRLA
3268	(Space Saver) IDF & DRLA
3129	w/Air Filters (Type-4 & 914) IDF & DRLA
3143	w/Air Filters (fits Offset Manifolds) IDF & DRLA



Cross Bar Linkage Kits



Sturdy cast aluminum throttle arms, Hex Cross Bar and forged heim joints provide precise control when running Dual Carbs.

3130	(fits Straight Manifolds) IDA
3132	(fits Straight Manifolds) IDF & DRLA
3134	(fits Straight Manifolds w/Large Air Filters) IDF & DRLA
3137	(fits Offset Manifolds) IDF & DRLA
6479	(fits Offset Manifolds) IDF & DRLA
3131	(Type-4 & 914) IDA
3133	(Type-4 & 914) IDF & DRLA
3135	(Type-4 & 914 w/Large Air Filters) IDF & DRLA



Cross Bar Linkage Kits for Weber ICT



Our kits feature top quality crossbar linkage and ball burnished aluminum intake manifolds. Re-cleanable mesh air-filters with sturdy cast bases and finned aluminum tops are also included.



3083	w/Manifolds & Air Filters (Dual Port) ICT
3084	w/Manifolds & Air Filters (Single Port) ICT
3085	w/Manifolds & Air Filters (Type-4 & 914) ICT
3086	w/Manifolds & Air Filters (Dual Port Type-3) ICT

Single Carb Linkage Kits



Works with CB #3238 Low Profile Manifold with Heat Risers.



3122	Linkage Kits (Single Carb) IDF & DRLA
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Cross Bar Linkage for Straight Manifolds



Features the same one piece air filter/linkage bases as our award winning offset manifold/linkage kits!



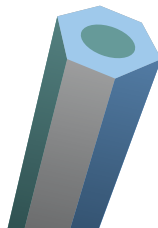
- 6480 Cross Bar Linkage Kit (fits Straight Manifolds) IDF & DRLA
- 6481 Alum. A/F Base for Straight Manifolds, IDF & DRLA (right)
- 6482 Alum. A/F Base for Straight Manifolds, IDF & DRLA (left)
- 6485 Cross Bar Linkage Kit w/Air Filters (fits Straight Manifolds) IDF & DRLA

Cross Bar Linkage Arms



- 3144 Cross Bar Linkage Pack (crossbar not included)
- 3400 Linkage Arm - fits L/R side DRLA, IDF & FRD Type-1, 2 & 4
- 3403 Throttle Cable Arm - DRLA, IDF & FRD Type-1, 2 & 4

Steel Hex Cross Bars



- 3346 Steel Hex Bar - 18"
- 3351 Steel Hex Bar - 19"
- 3352 Steel Hex Bar - 20 1/8"
- 3275 Steel Hex Bar - 20 1/8" Space Saver
- 3356 Steel Hex Bar - 21 1/8"
- 3353 Steel Hex Bar - 21 3/4"
- 3354 Steel Hex Bar - 22 1/2"

Billet Bell Crank Linkage



NEW & IMPROVED!

One kit is used with Weber ICT, IDF, IDA Kadron.

- 3120 Billet Bell Crank Linkage

Linkage Accessories



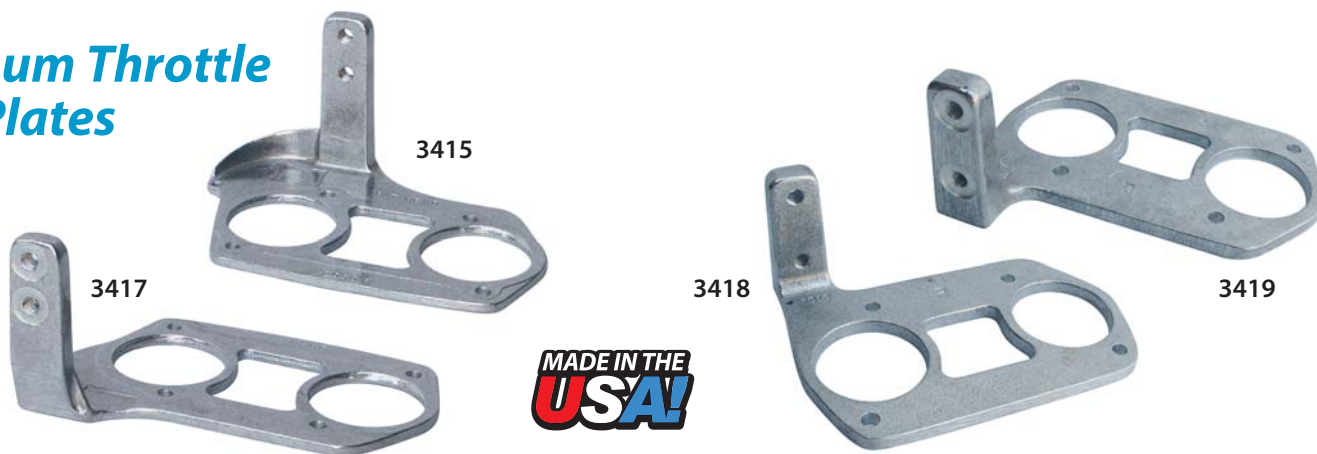
- 3320 Complete Linkage Rod Kit - w/3 5/8" length rods
- 3321 Complete Linkage Rod Kits - w/5 7/8" length rods
- 3358 Single Linkage Arm
- 3360 Threaded Hex Shaft Bolt - Type-1, 2, 3 & 4 - 8mm (each)
- 3363 Locking Nut - 8mm
- 3364 Throttle Shaft Centering Spring - Type-1, 2, 3 & 4 (each)
- 3371 Jam Nut - 8 x 13
- 3406 Carb Shaft Lever, IDF DRLA, FRD - fits L/R Type-1, 2, 3, & 4

Threaded Linkage Rod & Accessories



- 3409 Linkage Adapter Kit - fits Stock 912/356 linkage
- 3390 Linkage Rod - 5 7/8" L/R threads - Dual FRD
- 3391 Linkage Rod - 3 5/8" L/R threads - Dual DRLA
- 3393 Round Rod - 1 1/8" RH threads - Type-3 FRD
- 3395 Heim Joint Extension - 1 1/8" Left Side IDF
- 3396 Heim Joint Extension - 2" L/R threads Type-3 and 4 FRD
- 3397 Linkage Rod Nut - RH threads (silver) 10/32 STD.
- 3398 Linkage Rod Nut - LH threads (gold) 10/32
- 3399 Shake Proof Heim Joint Mounting Nut

Aluminum Throttle Base Plates



- 3415 Alum. Throttle Base Plate - IDF & DRLA Pro-Comp (right)
- 3417 Alum. Throttle Base Plate - IDF & DRLA Pro-Comp (left)

- 3418 Aluminum Throttle Base Plate - IDF & DRLA (right)
- 3419 Aluminum Throttle Base Plate - IDF & DRLA (left)

Throttle Cable Accessories



- 3153 Uni-Link Cable End
- 3322 Barrel Clamp
- 3323 Universal Carburetor Return Spring
- 3347 Heim Joint - Right Hand Thread - STD.
- 3348 Heim Joint - Left Hand Thread
- 6649 Universal Cable Boot
- 111-129-921 Stock Throttle Cable Clamp

Replacement Throttle Cable & Sheath



Brand new aircraft quality cable and sheath to fit CB's new Single Carb DRLA Kit.

Extra length cable can be used on everything VW from Vans to Dune Buggies. Cable can be shortened to fit your exact application.

- 3357 Throttle Cable and Sheath - Replacement

Throttle Cable

Save a long walk home by installing a brand new throttle cable before the old one pulls apart.



Make certain to order the exact model to fit your year and model VW.

- 4850 Throttle Cable - Type-1 1961-1966 (111 721 555 C)
- 4851 Throttle Cable - Type-1 1966-1972 (111 721 555 E)
- 4852 Throttle Cable - Type-1 '73-on (111 721 555 J)
- 4853 Throttle Cable - Type-2 1968-1972 (211 721 555 G/J)
- 4854 Throttle Cable - Type-3 1966-on (311 721 555 G)

Universal Throttle Cable

It fits every aircooled VW ever made, and a lot of water-cooled ones, too! It's manufactured from multistrand super flex steel to provide smoother, precise throttle action. It will outlast the more rigid VW cable many times. You can update an early stiff wire cable with the new Universal Throttle Cable or replace a worn or broken Sedan, Buggy, Bus or Squareback cable. It's the best you can install - no other type of cable even comes close. **Measures 15 feet 6 inches.**



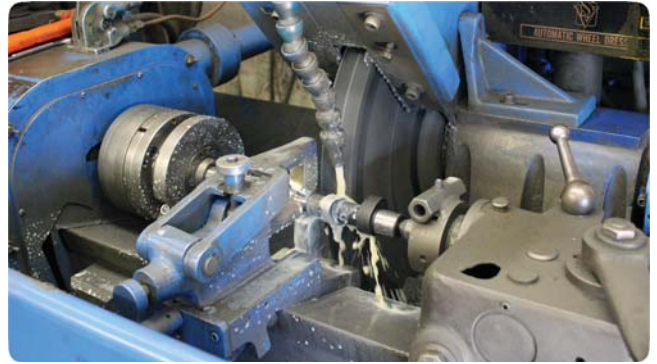
- 6096 Universal Throttle Cable



Quality Assurance in Camshaft Production

A DYNO-PROVEN, QUALITY PRODUCT!

We design and grind Eagle Racing Camshafts in our own shop. Every Eagle Cam is produced from a new high quality Proferal Cast Iron Billet. Our profiles provide horsepower and revving ability while running moderate spring pressures. Choose your next camshaft from the biggest selection of 100% dyno and race tested cams in the VW industry.



We design and grind Eagle Racing Camshafts in our own shop.

THE RACING CAMSHAFT BILLET

CB's Racing Camshaft Billets are cast from a high-quality Proferal Cast Iron. The lobes on the Racing Camshaft Billets are much larger than those of stock or factory cams. Larger cam lobes permit the use of lift, duration, and profile combinations not possible on stock cams. Larger lobe sizes allow the camshaft designer to utilize standard base circles and clearance ramps while attaining profiles that produce high lift. All Eagle Camshafts are ground on 100% new billets.



All Eagle Camshafts are ground on 100% new billets.

DESIGN OF THE MASTER CAM

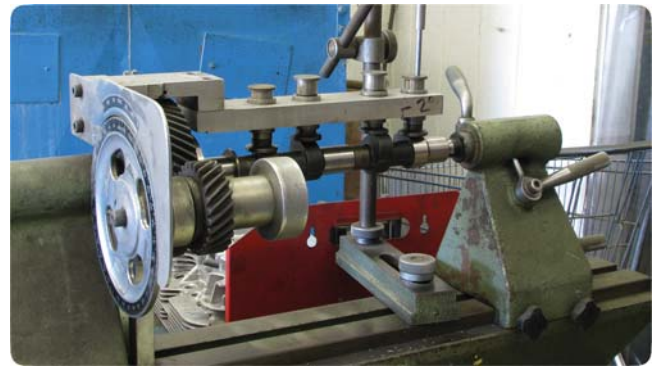
The Master Cam is a solid piece of tool steel. It's outside radii reflects the final shape of the cam lobe. This is the master that controls the shape of the camshaft as it is ground by the grinding wheel. The exact lobe design is the result of computer plotting, sample grinding, dyno tests, and actual "on the road" usage.



The Master Cam is a solid piece of tool steel.

CAMSHAFT INSPECTION

We check each Eagle Camshaft to make certain that lobe centers specifications and overlap match the master cam design. Lobe contour, taper, and alignment are verified.



Eagle Racing Camshaft profiles are ground in-house at CB.

ROCKWELL HARDNESS

We check every Eagle Camshaft to verify uniform and exact metal hardness. This is only one of the important checks made during the manufacturing process. The success or failure of a high performance camshaft is dependent on metallurgy and manufacturing precision.



Lobe contour, taper, and alignment are verified.

THE STORM VULCAN CAM GRINDER

Precise, operator controlled, and consistent. The Storm Vulcan Cam Grinder is the perfect machine for VW camshafts. Master patterns can be quickly changed to allow the production of multiple part numbers. Special order, one off cams can be turned out with minimal set up.



Precise, operator controlled, and consistent.

PARCO LUBRITE PROCESS

A non-metallic thermal coating is applied to every Eagle Camshaft. It assures a quick, no-scuff break-in of camshaft and lifters. The oil-absorptive thermal coating remains on the camshaft for long range surface protection. The process adds fifteen minutes production time to each camshaft, but the results in performance and service life are well worth the extra cost.



A non-metallic thermal coating is applied to every Eagle Camshaft.



Fuel Efficient Series GROUP 1

Featuring shorter duration, maximum valve acceleration and moderate lift. Increased power between 1500 to 4500 RPM is offered by Group 1 Cams. To get the best fuel economy out of a Group 1 Cam you'll need an extractor exhaust, high performance distributor and free breathing air filter. A mild clean up of your cylinder head ports also aid in both power and mileage.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2228**	274°	224°	.357"	.393"
2229	260°	216°	.299"	.328"
2230	264°	220°	.301"	.331"
2231	260°	207°	.313"	.344"
2232	262°	230°	.360"	.396"

** Ground on 112 degree lobe centers

Street & Bracket Cams GROUP 2

Street and Bracket Cams represent a brand new series of camshafts for the fuel conscious driver. These cams bridge the gap between pure mileage and performance. Street and Bracket Cams feature shorter durations than normal performance cams, but offer greater duration than most mileage cams. The basic difference in the Street and Bracket series is the greatly accelerated opening rates of the valves. Even though full race cams are open longer,

the Street and Bracket series provides more effective open area at high RPM. Group 2 Cams are designed to provide good low-end and crisp mid-range response.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2233	272°	234°	.371"	.408"
2235	270°	236°	.374"	.411"
2239	276°	234°	.380"	.417"

** Ground on 112 degree lobe centers

Street Eliminator Cams GROUP 3

You will need at least one dual throat carb when you run a Street Eliminator Cam. Dual Dellortos, big valves, extractor exhaust and other goodies will really start to get your act together. Smooth idle, solid mid-range and top-end are all part of the package with an Eagle Street Eliminator Cam.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2236*	280°	236°	.339"	.372"
2238	274°	236°	.319"	.350"
2241*	286°	240°	.386"	.424"
2242*	298°	248°	.389"	.428"

* Recommended for use with Turbo Applications.

Super Street Eliminator Cams GROUP 4

The ultimate program when you get into Dual Dellortos, big valves, lightweight flywheels, and stroker cranks. Stoplight bashes and the Saturday night drags are a piece of cake for the Street Eliminator Cams.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2234*	274°	234°	.387"	.425"
2237	280°	246°	.426"	.468"
2240	286°	248°	.430"	.473"

* Recommended for use with Turbo Applications.

Off-Road Cams GROUP 5

Shorter duration, higher lifts, and full-range power. Power to come out of the turns, precise throttle response in sand or mud, and the top-end performance to scream down the straights.

** Recommended for use with Turbo Applications*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2233	272°	234°	.371"	.408"
2239	276°	234°	.380"	.417"
2241*	286°	240°	.386"	.424"
2242*	298°	248°	.389"	.428"
2243	306°	250°	.424"	.466"

Super Off-Road Cams GROUP 6

The Super Off-Road Series is designed to produce instant throttle response and maximum power in the mid to upper RPM range.

** Recommended for use with Turbo Applications*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2234 *	274°	234°	.387"	.425"
2240	286°	248°	.430"	.473"

Pro-Comp Cams GROUP 7

State of the art for the all-out racer. The computer plotted lobe profiles accelerate the opening and closing rates of the valves.

** Recommended for use with Turbo Applications*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2244	300°	250°	.370"	.407"
2246*	314°	260°	.411"	.452"
2247	328°	278°	.410"	.451"
2248	318°	276°	.401"	.441"
2249	326°	280°	.405"	.445"

Off-Road Special GROUP 8

Rick calls it the Ghost Rider because the wide power band "feels like there is somebody back there pushing you through the rough stuff". We brought home a 2nd place finish in the Baja-1000 with this one.

** Recommended for use with Turbo Applications*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2250*	296°	256°	.420"	.462"
2256*	300°	260°	.450"	.495"

The Mini-Stock Series GROUP 9

Designed for high-revving flat-trackers. Special lifts, durations, and lobe centers help produce greater horsepower at higher RPM.

** Recommended for use with Turbo Applications*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2242*	298°	248°	.389"	.428"
2245	318°	270°	.393"	.432"
2248	318°	276°	.401"	.441"

Ratio Rocker Cams GROUP 10

Cams for use with high lift rockers are designed with a special flank, nose radius, and timing point. To determine the total lift when using a set of high lift rocker arms, multiply the lift at the cam by the ratio of the rocker arm to be used.

** Recommended for use with Turbo Applications*

*** Requires special cylinder head modifications to use with High Lift Rocker Arms.*

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2231	268°	228°	.313"	.344"
2236*	280°	236°	.339"	.372"
2238	274°	236°	.319"	.351"
2242**	298°	248°	.389"	.428"
2246**	314°	260°	.411"	.452"
2248**	318°	276°	.401"	.441"
2249**	326°	280°	.405"	.445"
2255*	296°	238°	.329"	.361"

Cheater Cam

Adds up to 10hp without effecting idle speed emissions!

We developed this cam during our Fuel Injection R&D Program. It performed so well in it's original application that we tried it with carburetors. The low speed torque produced by the Cheater Cam supplies a VW engine with greatly improved driveability, passing power, and top speed. The power increase is so noticeable that the Cheater Cam works great with a compliment of smog equipment. The addition of Dual Carburetors stretches your engines horsepower band to over 5000 RPM. A set of Hi-Rev Springs, mild port work, and extractor exhaust will give your engine the extra kick you're looking for in a daily driver.

VWT-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2280	274°	222°	.359"	.394"

Stock Camshaft to fit 40hp, 13-1600cc



Brand new stock Camshafts are manufactured to OEM specs to provide you with like new performance. Each cam is heat treated and ground to factory specs.

1436 Stock Camshaft for 40hp, 13, 15 & 1600cc engines to '70

Eagle Drag Race Camshafts

If you're looking for maximum quarter mile performance, this is the cam series for you. Eagle Drag Race Cams have been designed for use with high lift rockers, dual springs, and a heavy foot.

Eagle Drag Race Cams are ground on 107 degree lobe centers. Each cam is heat treated, Parkerized, and shipped with new bolts and cam locks.



** Recommended for use with Turbo Applications*

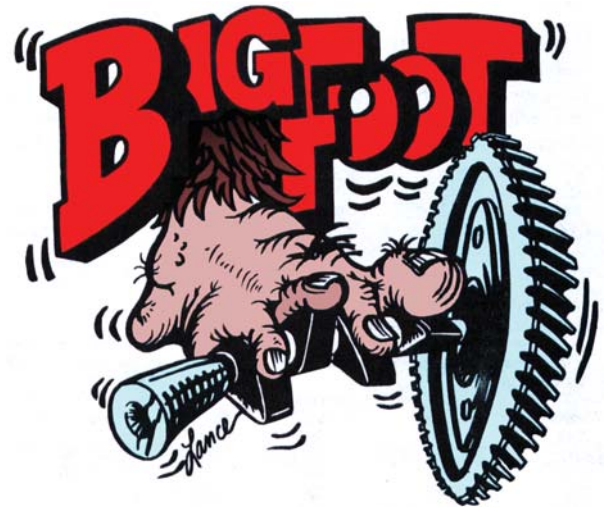
VWT-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms	Lift w/1.25:1 Rocker Arms	Lift w/1.4:1 Rocker Arms	Lift w/1.5:1 Rocker Arms
2288* (K-8)	308°	256°	.378"	.415"	.473"	.529"	.567"
2289 (FK-87)	322°	274°	.398"	.437"	.498"	.557"	.597"
2290	320°	279°	.436"	.479"	.545"	.610"	--
2291	310°	275°	.415"	.499"	.567"	.635"	--
2292 (FK-10)	321°	270°	.378"	.415"	.472"	.529"	.567"
2295	314°	270°	.415"	.456"	.518"	.581"	.622"
2296	320°	280°	.424"	.466"	.530"	.593"	.636"
2297	332°	288°	.435"	.478"	.543"	.609"	.652"
2298 (FK-89)	328°	278°	.407"	.447"	.509"	.570"	.611"
2299 (FK-97)	322°	284°	.435"	.478"	.544"	.609"	.653"
2300 (EBS-S)	317°	273°	.430"	.473"	.537"	.602"	.645"
2301 (New Grind)	327°	273°	.374"	.411"	.467"	.523"	.561"



Bigfoot Super Lift Camshafts

The all new "Big Foot Super Lift Series" feature computer plotted, asymmetric lobes that provide profiles that are different on the opening and closing sides. A slower more gradual closing ramp is used to enable your engine to operate at higher RPM without valve float. Asymmetric cams produce better power over a broader range than can be achieved with standard VW camshafts.

- Greater Lifts
- Faster Opening Rates
- More Duration at Max Lift
- Uses Stock Rocker Arms
- Increased Horsepower
- Broader Power Band



VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms	Lift w/1.25:1 Rocker Arms	Lift w/1.4:1 Rocker Arms
2207	276°	246°	.430"	.473"	.536"	.600"
2208	264°	232°	.411"	.452"	.514"	.575"
2209	260°	226°	.396"	.435"	.493"	.553"
2210	284°	256°	.439"	.482"	.537"	.601"
2211	288°	260°	.436"	.479"	.544"	.609"
2212	294°	270°	.430"	.473"	.537"	.601"
2213	308°	274°	.437"	.480"	.546"	.611"
2214	318°	292°	.437"	.480"	.545"	.610"
2215	324°	296°	.467"	.514"	.548"	.654"

NOTE:
Bigfoot Super Lift Camshafts must be ran with wide base valve lifters.

31mm Bigfoot Lifters

Big Foot Lifters have 15% more surface area than stock lifters to reduce friction and wear. Big Foot Lifters prevent scuffing and premature lobe wear on ultra high lift cams.

They are manufactured from one-piece hardened billets. The 31mm lifter base is chill quenched to Rockwell 53 to match the hardness of high performance and OEM camshafts.



1511 31mm Big Foot Lifters (set of 8)

Eagle Hydraulic Cams



This series of Eagle Camshafts will drop right into the new Type-1 & Type-2 aircooled hydraulic engines. Can be used with OEM hydraulic lifters, push rods, valve springs, and stock carburetion.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2251	266°	210°	.276"	.303"
2252	270°	214°	.298"	.327"

High Performance Eagle Hydraulic Cams

High-Performance Eagle Hydraulic Camshafts are classified as high performance cams and should be used with dual carburetion or fuel injection. These cams have faster ramps and require the use of Hi-Rev Hydraulic Lifters, chromoly push rods, and hi-rev valve springs. Engine performance to 6500 RPM is easily attainable with the right combination of parts.

VW T-1 Part#	Adv. Duration	Duration @ .050"	Lift @ the cam	Lift w/1.1:1 Rocker Arms
2253	298°	242°	.324"	.356"
2254	308°	236°	.319"	.350"

Type-2 & 914 Billet Cams

You can increase the power output of your 914 or T-2 engine with a new Eagle Cam. Acceleration, midrange punch, top end performance and all around increased driving pleasure are all parts of the program when you install a new Eagle Cam. Each cam is carefully ground on factory fresh ductile billets from computer-designed masters. Works with Type 4 Cam Gears.

2199	Stock duration & lift T-2 and 914 camshaft Fits all VW and Porsche 1700, 1800, & 2 liter engines, exact replacement for factory cam.
2202	Street Power Cam (278° Duration, .410" lift) The best cam for added power with dual Dellortos or Weber setups. Fast bottom end and mid-range action.
2203	The Road Cam (298° Duration, .478" lift) The Road Cam makes its power on the mid-range and upper end power hand. For use with all Dual Dellorto and Weber Carburetor installations.

Type-2 Hydraulic Cams



Ground on a brand new factory billet to the exact same factory specs as new equipment. Fully heated and Parkerized to provide a fast no scuff break in and long service. Available in 2 grinds, on the shelf and ready to go. The added power of the TORQUE SPECIAL will not affect the low speed operation or reliability of your engine. It just makes it run better with improved valve lift, duration, and lobe centers.

2205*	T-2 Hydraulic Camshaft - Torque Special (286° duration, .377" lift)
2206	T-2 Hydraulic Camshaft - Factory Stock (260° duration, .327" lift)

** Not recommend for use with stock fuel injection*

Rubber-Coated Cam Plug

For use on Mexican and Brazilian engine cases without groove machined in case halves.



1255	Rubber-Coated Cam Plug
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Posi-Seal Cam Plug

Manufactured by an OEM supplier with a stiff inner steel core and coated with heavy hi-temp rubber. Fits all 40hp, 13, & 1600cc Type-1 engine cases that require grooved cam plugs. They fit perfectly, they are reusable, and they never leak.



1946	Posi-Seal Cam Plug
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Lightweight Racing Lifters

They weigh 22 grams less than stock lifters and feature an innovative two piece design. A unique casting and heat treating process produces a lifter with massive carbide deposits and high chrome content in the head area. The lifter body castings are annealed, CNC Machined & heat-treated to racing tolerances. The hollow lifter body supports a push rod cup manufactured from patented stress-proof steel. The push rod cup is secured by two internal snap rings. They represent a brand new engineering breakthrough in VW Lifters that will help your engine produce higher RPMs and increased power. They can be used with steel or aluminum push rods and stock or high lift rocker arms.

For best performance, we recommend the use of CB's Thin Wall Chromoly Push Rods.

- 1537 28mm Ultralight Lifters (set of 8)
- 1538 30mm Lightweight Racing Lifters (set of 8)



VW Valve Lifters

Now available for engine builders requiring the finest replacement parts. The lifters are machined and radius ground from one-piece billets. They provide excellent service when used with stock or high performance camshafts. Shipped in sets of 8 and can be used in all 40hp, 13, 15, and 1600cc based engines.

- 1512 VW Valve Lifters (set of 8)



Type-2 Hydraulic Lifters

Original OEM hydraulic lifters are matched to the hardness of factory cams.

VW Hydraulic Cams are used in all Bus engines from '75 and must be matched to a special hydraulic camshaft and push rods.



- 1510 T-2 Hydraulic Lifters (set of 8)

Type-2 / 914 Lifters

Manufactured by the World's leading supplier of VW & Porsche Lifters and Tappets. Each Lifter is cast from hardenable iron, precision machined and heat treated to provide you with the best quality available.



Shipped in sets of 8 and can be used in a solid tappet 1700, 1800 and 2 liter engines.

- 2200 T-2 / 914 Lifters (set of 8)

Straight Cut Cam Gears

The use of heavy dual valve springs and stock helical cut camshaft gears results in excessive side load on the cam bearing thrust shoulder.

Also adjustable to enable you to dial in your cam timing.

Shipped with three sets of adjusting discs.



1399 Straight Cut Cam Gears - matched set, crank & cam gear

PRO-SERIES Straight Cut Cam Gears

Designed for the serious engine builder. Up to 6° of advance or retard is achievable, allowing for precise camshaft degreeing.

The crank gear has a built-in "Racer Spacer" that eliminates the weak factory spacer that is known to fail at high RPM.



1400 Pro-Series Straight Cut Cam Gears

Eagle Cam Gears

The standard replacement gear for 3 bolt high performance camshafts. Bolts right on to all aftermarket racing camshafts, and can be used to repair damaged gears on stock camshafts.



1525 Eagle Cam Gear

Type-4 Cam Gear

Works with T-2 & 914 Billet Camshafts.



1545 Type-4 Cam Gear

Eagle Adjustable Cam Gears

Makes it possible to retard or advance your cam timing by removing the oil pump. You will be able to make trackside adjustments to match your engines power curve to current track conditions.

The cam gear is locked in position by special degree discs that are set up in 2° spacing. Designed for use with all '61 & later Type-1, 2, & 3 cams running a 3 bolt gear.



1419 Eagle Adjustable Cam Gear

Cam Bolts

Check 'em out, they have a specially designed low profile bolt head to allow for added oil pump clearance.

We supply this engineered package in our Eagle Cam Kits, but you should have some on-hand for cams that aren't supplied with the best bolts and washers.



1304 Cam Bolts (set of 3)



CB's Forged Rocker Arms

Forged from 4340 Chromoly steel and CNC machined to an exact 1.4:1 ratio!

The rockers feature hardened tips, bronze bushings, and H-11 Tool Steel adjusting screws. They also feature 100% pressure oiling to eliminate the problems associated with splash oiled rockers. The hardened shafts are a gigantic .984" in diameter and are cradled in forged Chromoly rocker blocks.

Includes the following:

- | | |
|--------------------|--------------------------------------|
| (8) Rockers | (2) Shafts |
| (2) End Caps | (4) Rocker Blocks |
| (2) Bolts | (4) Heavy Duty Chromoly Rocker Studs |
| (8) Valve Caps | (8) Adjusting Screws and lock nuts |
| Adjusting Shim Kit | |



1577 Forged 1.4:1 Rocker Arms

As of 2019, 1.3:1 Ratio Rocker Arms are No Longer Available

Pauter Machine Billet Roller Rocker Arm Kits

Includes the following:

- (4) 10mm x 3/8-24 studs
- (4) 3/8-24 thin wall barrel nuts
- (2) Assembled rocker arm sets, each consisting of four rocker arms, one center shaft, 2 end shafts with integral pedestals, thrust shims and snap rings.

(Not included in kit, but recommended:
1 adjustable pushrod, set of lash caps)

- | | |
|------|---|
| 1497 | 1.3:1 Ratio pauter Billet Roller Rocker Arm Kit |
| 1499 | 1.4:1 Ratio pauter Billet Roller Rocker Arm Kit |
| 1498 | 1.5:1 Ratio pauter Billet Roller Rocker Arm Kit |



High Performance Rocker Shafts

You can get more RPM out of your engine by replacing your stock rocker shafts and wiggle washers with a set of CB's all new High Performance Rocker Shafts.

Each set is supplied with new style solid spacer to eliminate side play and lost power. Manufactured from high strength axle steel and finish ground to exacting standards. Hardened steel bolt washers are used to hold the rockers firmly in place.

Works with Stock, 1.25:1 and RINO Rockers! Requires CB Rocker Arm Spacers (#1644) for proper installation.



1643 High Performance Rocker Shafts

Rocker Arm Shims

Can be used to correct rocker arm geometry when using barrel shims or different length push rods. The full-size shim provides support for the rocker arm block. Rocker arm shims have also been used with longer valves to get higher lift. Available in 4 thicknesses.



- 1534 Rocker Arm Shims (.015)
- 1535 Rocker Arm Shims (.030)
- 1536 Rocker Arm Shims (.060)
- 1546 Rocker Arm Shims (.120)

Rocker Arm Spacers

Stock Rocker Arm wavy washers often break under high RPM operation, resulting in loose rockers, loss of power, metal particles in your engine, and possible bearing damage.



- 1644 Rocker Arm Spacers - fits 1.1:1 & 1.25:1 High Performance Rocker Shafts
- 1645 Rocker Arm Spacers - fits 1.3:1 & 1.4:1 High Performance Rocker Shafts

Tool Steel Adjuster Screws

Replace your defective rocker screws, or go for a total performance up-grade!

Manufactured from H-11 tool steel, with 5/16" / 24J threads.

Includes 8 adjusting screws and 8 lock nuts.

The absolute strongest adjusting screws available!



1578 Tool Steel Adjuster Screws (fits Scat and Berg Rockers)

Racing Rocker Studs

Machined from Chromoly steel and heat-treated to maximum strength. They are tough, and just the thing for that killer engine.

Total length is 2.685"



1495 Racing Rocker Studs

CB Super Stock Rocker Arms

100% NEW TOOLING!

CB Performance has heard the demands of our customers and produced the best stock Rocker Arms to date!

With all-new tooling and 4340 forged steel, the CB Performance Super Stock Rockers are engineered to last.

CB Performance Super Stock Rocker Arms are induction hardened with a QPQ Anti-wear coating, creating a superior part to OEM rockers.

Available as Complete Kits, or as Rocker Arms only.

NOTE: The 1.25:1 Ratio Rockers require the use of CB's Racing Push Rod Tubes.

1684	CB Super Stock Rocker Arm Complete Kit (1.1:1 Stock Ratio)
1685	CB Super Stock Rocker Arm Complete Kit (1.25:1 Ratio)
1686	CB Super Stock 1.1:1 Stock Ratio (Rocker Arms Only)
1692	CB Super Stock 1.25:1 Ratio - High Lift (Rocker Arms Only)



The new addition of an oil channel greatly improves oil flow to the valve adjusting screw and prevents galling of the rocker shaft.

Rhino Adjusting Screws

The wider base spreads the load on the end of the valve stem. Helps prevent valve stem mushrooming and cupping. The larger 9mm thread diameter provides ease of adjustment, secure locking and increased valve train reliability.



1666	Rhino Adjusting Screws - 9mm
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Stock Adjusting Screws & Nuts

8mm Valve Adjusting Nuts are for use with 1518, 1521 & 1523.



1521	Stock Adjusting Screws
1665	Valve Adjusting Nuts - 8mm (set of 8)

8mm Elephant Feet

- Completely covers the valve end to reduce friction and wear
- Heat-treated Chomoly alloy
- Includes 4 rocker block shims
- 100% rolled threads for greater strength



1518	Elephant Feet - 8mm
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Swivel Feet

Can't bust 'em! CB's swivel feet are super strong.

They are the answer for valve wear caused by high lift cams and high valve spring pressures.



For Use with Stock or 1.25:1 VW Rockers.

1523	Swivel Feet - Stock or 1.25:1 VW Rockers (set of 8)
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Racing & Stock Valve Guides

RACING VALVE GUIDES - Special shaped racing guides are designed to reduce airflow, restriction for high performance street or racing applications. Machined with additional valve spring retainer clearance for use with high-lift camshafts.

STOCK VALVE GUIDES - Replace those worn valve guides with high strength silicon Bronze Guides. Engineered for VW engines where heat is a prime factor. Can be installed in minutes when the heads have been removed for a valve job. Better than original equipment and will fit perfectly.

SOLD INDIVIDUALLY



1610	Racing Valve Guide - 1200-1600 Intake (each)
1611	Racing Valve Guide - 1200-1600 Exhaust (each)
1616	Intake & Exhaust Valve Guide (fits Type-1 except F.I.)
1687	Valve Guides - 2.0 Type-4 Intake (each)
1688	Valve Guides - 2.0 Type-4 Exhaust (each)

#1616 measures .477" OD
 #1687 measures .314" ID x .514" OD x 2.300" Long
 #1688 measures .353" ID x .514" OD x 2.450 long

Hardened Valve Caps

Protect the ends of standard length VW valves by the simple installation of hardened valve caps. Special tools and spacers are not required. Just slip 'em on! Works well with all VW valves for 40hp engines through late T-4, and 2 liter Porsche.



1522	Hardened Valve Caps (set of 8)
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Precision Machined Valves

Made of special alloys to assure proper seating and efficient performance.

1588	Precision Machine Intake Valve (35.5mm) thru '74 15-1600, '53-65hp (each)
1594	Precision Machine Exhaust Valve (32mm) '67-74, 15-1600/612-A Chrome Stem (each)
1509	Precision Machine Stock Valve Locks (set of 16)



Racing Valve Seats

Designed to provide maximum wear under high impact and extreme temperature variations.
Shipped in sets of four.

Part#	1600	1601	1604	1602	1605	1603	1607
Size	32mm	35.5mm	37.5mm	40mm	42mm	44mm	46mm

HEAVY DUTY!



Oversize Valve Guides

Removing and installing valve guides sometimes results in loose fitting valve guide bosses. Cure this by using oversize valve guides. Can be used as Intake or Exhaust guides on 40hp, 13, 15 & 160cc Engines.

1630	Oversize Valve Guide (.002) 479" OD	1632	Oversize Valve Guide (.006) 483" OD
1631	Oversize Valve Guide (.005) 482" OD	1633	Oversize Valve Guide (.008) 485" OD



Single Hi-Rev Valve Springs

- Replaces original parts perfectly.
- Specially processed spring steel to insure against breakage and fatigue.
- Increases valve tension without increasing seat pressure for maximum valve control at all RPM's.



A MUST FOR ALL HIGH-PERFORMANCE ENGINES!

Installed Pressure @ 1.500" installed height - 120 lbs.
Open Pressure @ .500" lift - 220 lbs.

1490 Single Hi-Rev Valve Springs - 40hp-later (set of 8)

Dual Hi-Rev Valve Springs

High revving engines need the extra protection of Dual Valve Springs. Most high performance single valve springs will prevent valve float below 6000 RPM. Ideal for engines that exceed 6500 RPM. They are manufactured of silicone treated steel to help stand the stress of high performance driving.



INSTALLATION NOTE: It is necessary to machine the cylinder head valve spring boss before installation.

1491 Dual Hi-Rev Valve Springs (set of 8)

VW 650 Dual Valve Springs

This is the top-of-the-line dual spring setup for engines designed to rev up to 8500 rpm. They drop in to heads machined for VW diameter dual springs. Extensive surface finishing includes nitriding, polishing, heat set, and a micro shot peen. For the strip or street, the VW650 valve spring will hold up to the most demanding driver.



DESIGNED FOR EXTREME ENDURANCE!

MADE IN THE USA!

1493 VW650 Set Dual Valve Springs (set of 8)

K-800 K-Motion Valve Springs

The superior dependability of K-800's will meet your performance requirements in drag racing, circle track, & sand drags.



K-MOTION VALVE SPRINGS

MADE IN THE USA!

- Heat treated and stress relieved.
- The Dampers are radius ground.
- Cold-pressed to 2500 psi, then hand sorted into matched sets and boxed with less than 5 lbs. variation per box.

1500 K-800 K-Motion Valve Springs

Pro 850 Valve Springs

- High Frequency range allows for increased valve control at high RPM's.
- The smaller 1.440" diameter decreases the weight of the spring, allowing for less spring tension when compared to stronger, yet heavier roller springs.
- Top Quality Heat Treated Kobe Wire
- Nitrided and Polished Surface
- Micro Shot-peen
- Stress Relieved & Heat Set



MADE IN THE USA!

ENGINEERED FOR USE ON DRAG RACE ENGINES.

1473 Pro 850 Valve Spring (set of 8)

Valve Spring Shims

Dual Valve Spring Shims fit Dual Hi-Rev Valve Springs, and VW650 Springs.

Comp. Eliminator Valve Spring Shims are available in .030 or .060 thickness. For use with our Racemaster Valve Springs or K-800 Valve Springs.



1453 Dual Valve Spring Shims .015" (set of 8)

1454 Dual Valve Spring Shims .030" (set of 8)

1455 Comp Eliminator Valve Spring Shims - .030" (set of 8)

1456 Comp Eliminator Valve Spring Shims - .060" (set of 8)

SUPERGRIP™ Single Groove Valves

Your only choice of valves when quality and performance are your number one concern. Machined from 21-4N Stainless Steel w/Stellite Tips, and uses only a single groove for retaining the valve.

Each valve stem is then hard chrome plated for a long, durable, wear resistant surface. Machined keepers clasp the valve stem, not the groove, which leads to erosion of the valve keeper groove area. You can now be more confident than ever when selecting valves for a performance application when you decide to run the tried and true design of 7° Single Groove Valves. **Requires the use of SUPERGRIP™ Chromoly Retainers, and Single Groove Valve Locks.**

Size	35.5mm	37.5mm	40mm	42mm	44mm	46mm
Part#	1531	1530	1529	1528	1527	1539



ANOTHER CB EXCLUSIVE!
We have taken the same design used in NASCAR Racing and applied it to the VW Cylinder Head!

Snakeskin SUPERGRIP™ Single Groove Valves

SUPERGRIP Single Groove Valves are now available with an all new Micro-Relief Stem finish. The "Snakeskin like" finish has uniform lubricant layer pockets between the valve and guide. The micro-polished pockets form an oil film that is constantly maintained along the valve stem, avoiding excessive valve-to-guide contact under severe spring pressures. This not only results in reduced valve guide wear but actual horsepower gains from reduced friction.

Size	35.5mm	37.5mm	40mm	42mm	44mm	46mm
Part#	1531ss	1530ss	1529ss	1528ss	1527ss	1539ss



SUPERGRIP™ Single Groove Valve Locks

Machined from billet steel, Carbon Nitraded, and then heat treated. The Single groove design is far superior to the standard 3 groove VW design. **For use only with SUPERGRIP™ Single Groove Valves, Chromoly Retainers, & SUPERGRIP™ Titanium Retainers.**

1533	SUPERGRIP™ Single Groove Valve Locks (set of 16)
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SUPERGRIP™ Chromoly Retainers

Machined from 4140 Chromoly and then Black Oxide coated. Engineered to withstand the rigors of competition and Hi-Revving performance engines. **For use only with SUPERGRIP™ S/S Single Groove Valves, & Single Groove 7° Valve Locks.**

1532	SUPERGRIP™ Chromoly Retainers for Single Groove Valve Locks (set of 8)
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SUPERGRIP™ Titanium Retainers

They supply an important step in weight reduction in today's high-revving engines. CNC machined from lab tested Titanium Alloy to give your engine the maximum RPM advantage. Can be used with Single or Dual Hi-Rev Springs, or VW650 Springs.

1524	Titanium Retainers for use with SUPERGRIP™ Valves and Locks (set of 8)
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**Stronger than STEEL
and lighter than
ALUMINUM!**

Ultra Stainless Steel Valves

Features a one piece forged stem and valve head with a fused stellite valve stem end. The stellite stem tip registers 556 on the Rockwell C scale, and eliminates the problem of valve stem flaring and premature damage. You can now run Stainless Steel Valves with improved flow in every day highway use without the risk of valve stem failure due to soft stainless materials.

Ultra Series Valves are manufactured with a thin head and swirl polished in a counter rotational pattern for increased flow. The valve stems are polished to decrease friction and temperature. A new heat treating process is used to increase the hardness of the 214NSS stainless material to over 20% of normal stainless steel valves.

Size	32mm	35.5mm	37.5mm	40mm	42mm	44mm
Part#	1475	1476	1477	1478	1479	1474



You can use standard VW keepers with Steel, Aluminum, Chromoly or Titanium Retainers.

Titanium Valve Spring Retainers

They supply an important step in weight reduction in todays high-revving engines. CNC machined from lab tested Titanium Alloy to give your engine the maximum RPM advantage. Can be used with dual or single springs. **For use with Triple Groove Valves only.**

1506 Titanium Valve Spring Retainers (set of 8)

Stronger than STEEL and lighter than ALUMINUM!



Chromoly Valve Spring Retainers

Super strong, lightweight, and black oxide treated. They will not wear out and are impossible to break! Machined from Chromoly steel and then heat-treated to Rockwell specs to match the valve ends.

1503 Chromoly Valve Spring Retainers (set of 8)



Titanium Retainers for Competition Eliminators

Titanium Valve Spring Retainers to fit Competition Eliminator Cylinder Heads.

1505 Titanium Retainers for Comp Eliminators (set of 8)



Steel Valve Spring Retainers

Used by many high performance engine builders. These specially heat-treated steel retainers will not pull through, unlike softer aluminum retainers. Heavier and longer-lasting than stock retainers.

1504 Steel Valve Spring Retainers (set of 8)



Competition Plus Titanium Valves

Increase engine power by reducing valve train weight! Competition Plus Titanium Valves are forged from a solid titanium alloy billet, heat treated, CNC machined, and QPQ vapor coated, to produce a lighter, stronger, higher flowing more durable valve.

- Forged from a one piece Titanium alloy billet to form head and stem micro-structures to increase strength, ductility, and fatigue resistance.

**118.5mm Length
(Cap to Top)**

Size	38mm	40mm	42mm	44mm	46mm	48mm
Part#	1634	1635	1636	1637	1638	1639



- CNC Machining, grinding and polishing to assure 100% dimensional and visual specifications.
- QPQ coating over a salt bath heat treat and polishing produces a protective insulating barrier from high engine temps, increased lubricity and wear protection.
- 50% reduced valve weight to allow more aggressive cam profiles and higher RPM.
- Increased Engine Power by reducing reciprocating weight, and a 10° back angle to improve flow.
- Increased fuel economy, reduced engine noise, and wear of valve train components.

Race Master Valves & Accessories

Carefully designed to provide strength, durability and increased flow. Features longer stems and Chevy style 10° Valve Locks. They are manufactured from 214NSS material which is far stronger than other stainless steel alloys. The keeper grooves are specially hardened to avoid failure as often experienced by running VW style keepers. Can be used in all VW cylinder heads when longer length valve stems are required to achieve higher valve lifts. *As with all stainless steel valves, the use of hardened valve caps is recommended.*



Race Master Valve Springs are designed by CB and manufactured from chrome silicone alloy to provide long service in spite of the brutal conditions associated with high RPM. They are larger in diameter and longer in length than other VW valve springs. They can be used with long length Race Master Valves to run lifts up to .655". The design of each spring allows for a comfortable margin before stress is achieved, even at coil bind.



#1402 Manufactured on precision CNC equipment from Chromoly to provide the all-important match with the valve keeper. They are tested for material integrity to assure long trouble-free service. Designed for use with Chevy diameter valve springs and cannot be used with smaller VW type springs.



Each Race Master 10° Valve Lock is heat treated for maximum strength and wear resistance. Chevy type valves and 10° Race Master Retainers must also be used.



#1404 Wear Caps are manufactured from 4140 Alloy Steel in a CNC double turning center to assure complete accuracy of fit to the valve end and flatness across the wear surface. Each Wear Cap is heat-treated and then black oxide finished.



Size	38mm	40mm	42mm	44mm	46mm	48mm
	Exhaust	Exhaust	Intake	Intake	Intake	Intake
Part#	1370	1371	1372	1373	1374	1376

1401	Race Master Valve Springs (set of 8)
1402	Race Master 10° Valve Spring Retainers (set of 8)
1403	Race Master 10° Valve Locks (set of 16)
1404	Race Master Wear Caps (set of 8)

Aluminum Super Duty Push Rods

Manufactured utilizing newly developed top secret alloy, thick-wall aluminum tubing. The tubing is finished off with a T-6 heat treatment to make this the strongest VW aluminum pushrod to date. Add micro-polished, case hardened, chromoly tips and you have a true Aluminum Super Duty Pushrod. They expand and contract just like the original stock pushrods, which allows you to set your valve lash to stock specifications and it keeps the valve train noise to a minimum. 3/8" in diameter for added column strength. This allows you to run VW dual valve springs with over 400lbs open load pressure without the added weight and noise of chromoly pushrods.

Reduce valve train weight and noise, without compromising performance!



1623	Aluminum SD Push Rods - Stock 13, 15, & 1600 Length (8)
1624	Aluminum SD Push Rods - Dual Taper (8)
1625	Aluminum SD Push Rods (11.500" Length) Blank End (8)
1627	Aluminum SD Push Rods (11.250" Length) Blank End (8)

Aluminum Push Rods

Reduce valve train weight and help your engine produce more HP!



They expand at the same rate as your engine and result in more constant valve settings and a quieter running valve train.

Manufactured from 2024 T3 alloy and are fitted with hardened steel ends. Extend the life of your lifters, camshaft, valves, and rocker shafts due to the reduction of reciprocating weight.

11.060" Length

1619	Aluminum Push Rods, 13-1600cc engines
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Chromoly Push Rods

Manufactured from select hard drawn seamless 4130 Condition N 3/8" tubing. Two thicknesses are available, .035" and .058" wall thickness. Each Push Rod is stressed relieved for maximum performance. The push rod tips are CNC machined from high carbon steel and heat treated to 60 rockwell. The design of the tip is suitable for valve seat pressures to 200 psi and valve lift to over .700".



1618	Chromoly Push Rods - blank end (.058")
1622	Chromoly Push Rods - Stock Length- 13-1600cc (.035")
1628	Chromoly Push Rods - blank end (.035")

Steel Push Rods

Manufactured from 3/8" heat treated steel tubing and designed for use with valve springs with up to 160 psi of seat pressure.



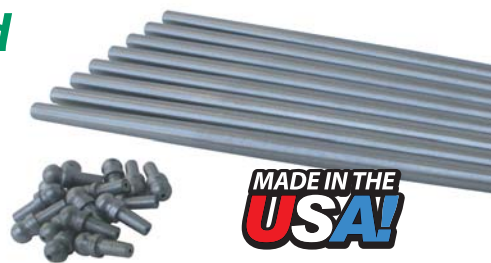
STRONGER THAN ALUMINUM PUSH RODS!

The push rod tips are CNC machined from high carbon steel and then flame-hardened. The tip design is suitable for lifts up to .525", and they measure 10 9/16" tip to tip length.

1560	Steel Push Rods - Stock 40hp
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Dual Tapered Chromoly Push Rods

Manufactured from tough chromoly, they measure .310" on the ends, with a .380" center O.D. and a .200" inside diameter the length of the pushrod. This design provides critical strength in the center to prevent flexing at high RPM, yet reduces weight and provides additional pushrod tube clearance at the ends. **Hardened steel tips are included, uninstalled, and must be cut to length.**



1629	Chromoly Dual Tapered Push Rods
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NEW!

PRO-SERIES Adjustable Push Rod Tubes



CB Performance is proud to announce our latest design: Pro-Series Adjustable Push Rod Tubes. Finally, an Adjustable Push Rod Tube with consistent spring tension, regardless of engine width!

These new Push Rod Tubes are adjustable by just moving a snap ring from stock width to 1/2" narrower and up to 3/4" wider, in 1/4" increments. They seal up using "tried-and-true" original silicone push rod tube seals, so no need to hunt down custom o-rings that get flat with heat and age.

Made to fit Type-1 Upright Aircooled Engines only. Sold in sets of 8. Includes all necessary hardware and instructions for installation.

Manufactured in the USA by CB Performance, where you know quality comes first!

FEATURES:

- Made in the USA!
- Precision, No Leak Fit!
- Uses Factory Push Rod Tube Seals
- Finally, an Adjustable Push Rod Tube with consistent spring tension, regardless of engine width!

SEALS UP TIGHT!
Uses original Silicone Push Rod Tube Seals

PANZERWAGEN!
Now available with a special Hard-Anodized protective coating that is as tough as hardened steel!



Color	PLAIN	BLACK	BLUE	RED	PANZERWAGEN
Part#	1571	1572	1573	1574	1575

Accommodates up to 1.5:1 Ratio Rockers!

Racing Push Rod Tubes

Racing Push Rod Tubes™ are stock 1600cc length and can be used with standard or fly cut cylinder heads. They feature an extended neck that fits snugly into the engine case to help keep engine oil from sloshing into the cylinder head rocker arm area. The additional oil control, increased I.D. and stock length are all perfect features for high performance street and off-road engines.

They can be used on all 15 & 1600cc based engines.

Sold in sets of 8.

1565	Racing Push Rod Tubes (set of 8)
1566	Racing Push Rod Tube Seals
1567	Racing Push Rod Tubes - Stainless Steel (set of 8)
1570	Racing Push Rod Tubes - Stock Style Case End (set of 8)

US PATENT #4,926,805

NOW AVAILABLE IN 304 STAINLESS STEEL!



NOTE: The installation of high lift rockers in lifts greater than 1.25:1 causes the push rods to rub inside the push rod tubes. This is dangerous and can result in bent or broken push rods, leaking push rod tubes and ruined engine.

Windage Push Rod Tubes



The fastest and easiest way to reduce oil sloshing and leaking valve cover gaskets. The extended neck fits snugly into the engine case to help keep engine oil where it belongs.

Off-road, street and all-out competition engines will run stronger and longer with controlled oil flow. They fit all 13, 15 & 1600cc based engines.

- 1557 Push Rod Tubes - Windage Tubes (set of 8)
- 1559 Push Rod Tubes - Stainless Steel Windage Tubes (set of 8)

Push Rod Tube Seals

Silicone compounded seals withstand high temps, oil, fuel and ozone. They are softer than hard rubber seals and provide a faster, better and longer lasting oil seal.

They keep the oil in and the dirt out. Shipped in sets of 16.



- 1945 Push Rod Tube Seals (Silicone) for use on all 40hp, 13, 15 & 1600cc based engines.
- 1949 Push Rod Tube Seals (Silicone) 1.7-2.0 Type-4 engines

Replacement Push Rod Tubes

Replace leaky push rod tubes without removing the engine from the car in just minutes. Part #1558 fits all '66 & later VW's except Type-4. Part #1568 is a single version of CB's latest Adjustable Push Rod Tube. We also offer a replacement set of 40hp or Stock Push Rod Tubes, sold in sets of 8.



- 1558 Aluminum Replacement Push Rod Tube (each)
- 1568 Pro-Series Adjustable Push Rod Tube (each)
- 1564 Push Rod Tubes - fits 40hp (set of 8)
- 1569 Unplated Push Rod Tubes - fits 13-1600 engines (set of 8)

Type-4 Push Rod Tubes, 1.7-2.0

Stock replacement push rod tubes for use on '72-79 1.7-2.0 liter Type-4 engines.

Shipped in sets of 8.

Installation requires the use of Type-4 Silicone Push Rod Tube Seals (#1949).



- 1948 Type-4 Push Rod Tubes, 1.7-2.0 (set of 8) **NEW!**

MST Push Rod Tubes

Made from 6061-T6 Aluminum, each tube features a beautiful turned finish, a Triple O-Ring Seal, and internal springs.

Machined completely on a CNC Lathe, no casting or sheet metal fabrication!

Sold in sets of 8, and available in your choice of four colors.

They only fit 1.1:1 Rocker Arms & do not work with High Lift rockers.

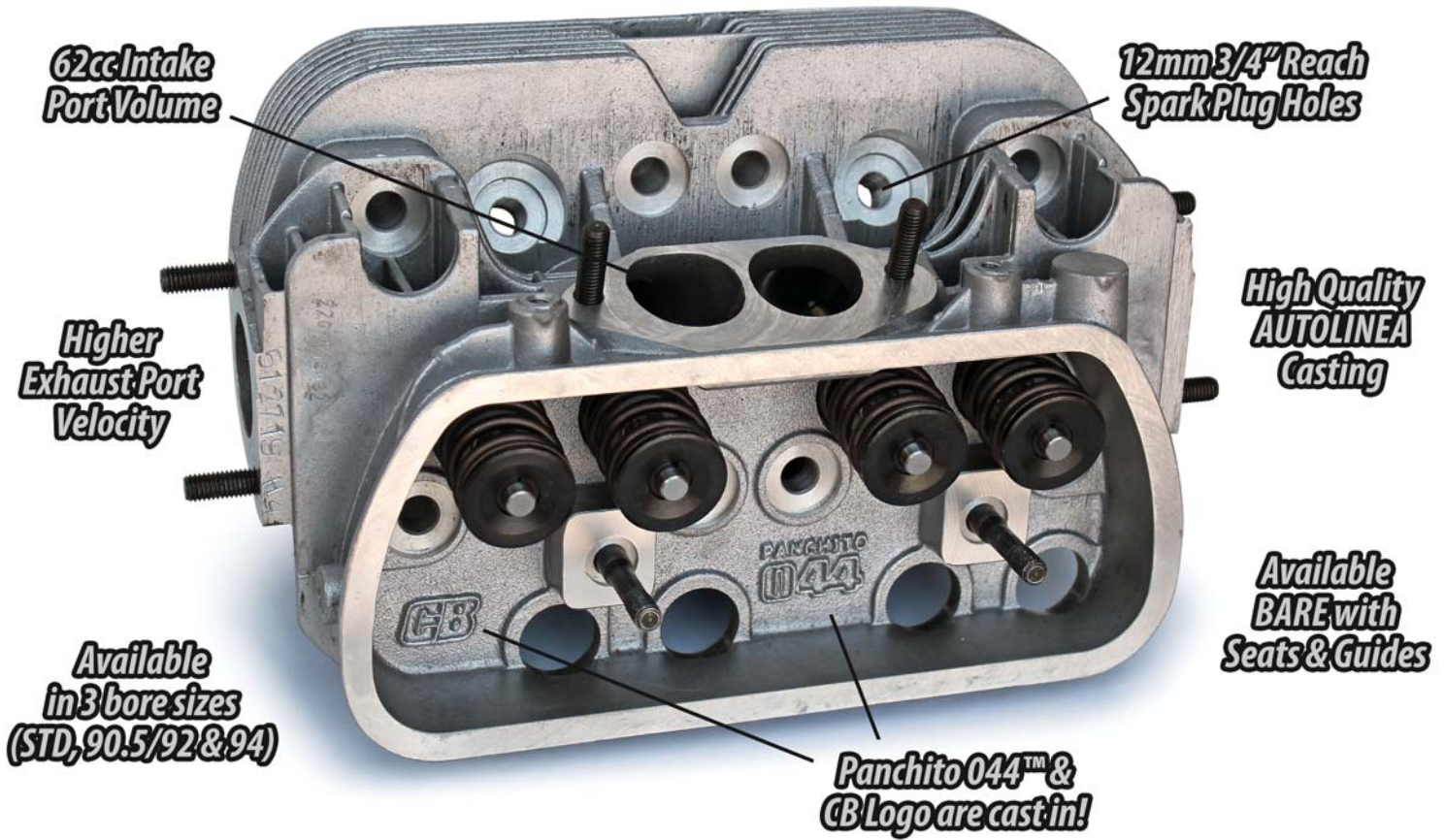


Color	Black	Blue	Silver	Red
Part#	9230	9231	9232	9233

ALL NEW DESIGN!

PANCHITO 044™

HI-VELOCITY



We've added extra material around the combustion chamber to give the Panchito 044™ more strength & support for larger bore cylinders.



The 35.5mm exhaust ports have a reduced bowl size and increased short turn radius, creating phenomenal port velocity, improved low end, and mid-range performance without sacrificing top-end power.



The 40mm Intake Ports have a small port volume of 62cc and flow an incredible 162 CFM, with 300 feet per second port velocity!



All new casting designed for maximum cooling efficiency. Increased heat dissipation allows for lower head temps and longer engine life.

Panchito 044

Our latest in-house design incorporates the cooling efficiency of an original VW head casting, while still offering amazing performance results.

CB Performance has been working directly on the **Panchito 044™** with the engineers of AutoLinea, an OEM supplier to many of the world's top automotive companies, and a tier 1 supplier with ISO9001:200e quality control standards. This insures that each **Panchito 044™** has passed very stringent metallurgy and machining inspections throughout the production process.

The **Panchito 044™** has dyno proven, horsepower making, ports cast right in. These port designs are race proven winners with years of use in engines around the globe. Countless hours were spent on our Superflow™ 600 flow bench designing the intake and exhaust ports. Our goals were to achieve the highest port velocity and air flow through a 40mm x 35.5mm size valve. The 40mm intake port has an extremely small port volume of 62cc and flows an incredible 162 CFM and over 300 ft. per second port velocity, right off the shelf! The 35.5mm exhaust port has a reduced bowl size and increased short turn radius creating phenomenal port velocity. This higher port velocity allows for improved low end and mid-range performance without sacrificing top end power.

We've also added extra material around the combustion chamber to give the **Panchito 044™** more strength and support for larger bore cylinders. The all new high quench combustion chamber has a volume of 54cc, a perfect size for small displacement engines. The

Panchito 044™ is designed to incorporate bore sizes from 85.5mm to 94mm. With the added combustion chamber material, we can machine your **Panchito 044™** heads to the depths necessary for high compression applications.

As an option, the **Panchito 044™** can be purchased with a CNC machined combustion chamber in bore sizes of 92mm and 94mm. The larger 61cc CNC'd chamber pushes the intake flow numbers to an amazing 171 CFM through a 40mm intake valve!

FEATURES:

- Standard features of the Panchito 044™:
- 12mm 3/4" Reach Spark Plug Holes
- 40 x 35.5 SUPERGRIP 214N Stainless Steel Valves w/Stellite Tips
- Supergrip Chromoly Valve Spring Retainers
- Supergrip Valve Locks
- Three Angle Performance Valve Job
- Manganese Bronze Racing Valve Guides
- Tungsten Carbide Alloy Valve Seats
- Single Hi-Rev Chrome Silicon Valve Springs

The Panchito 044™ comes complete and ready to run. Designed to fit 1600 based engines for the Type-1, Type-2, and Type-3 VW.

1671	Panchito 044™ (40 x 35.5) Standard Bore (each)
1672	Panchito 044™ (40 x 35.5) 90.5/92 Bore (each)
1673	Panchito 044™ (40 x 35.5) 94 Bore (each)
1674	Panchito 044™ BARE with Seats and Guides (40 x 35.5) Std. Bore (each)

Chamber Volume:
61cc

Intake Port Volume:
62cc

Give us a call today, and bolt on a set of built-to-last street performance cylinder heads.

Standard 54cc
"High Quench" Chamber (As Cast)

Flow @ 25"

.100 - 46.7
.200 - 89.50
.300 - 125.6
.400 - 145
.500 - 155
.600 - 161

As Cast CNC'd

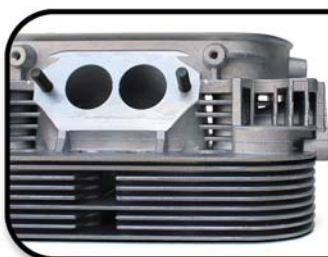
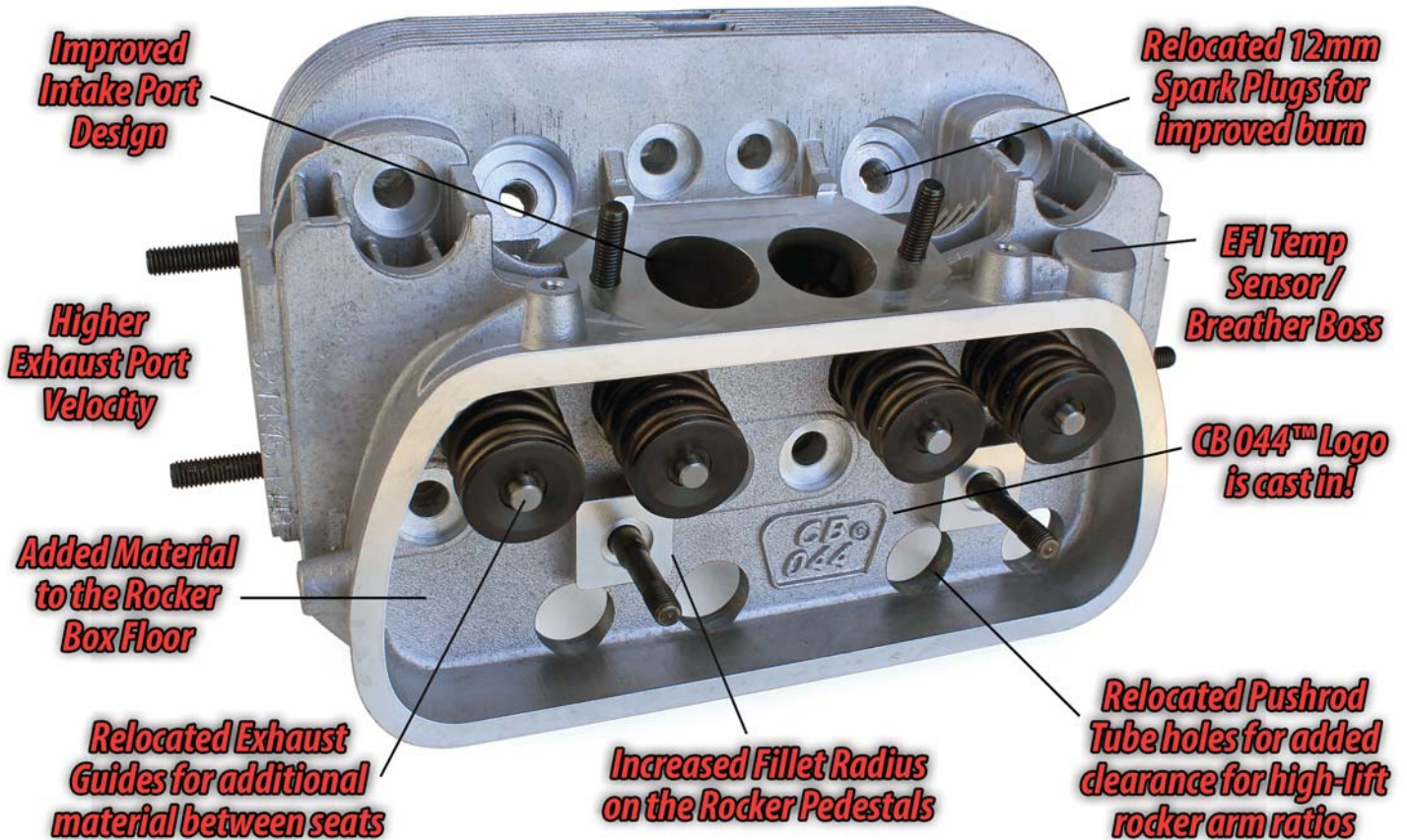
Optional 61cc
CNC Chamber (92, 94 Bore only)

Flow @ 25"

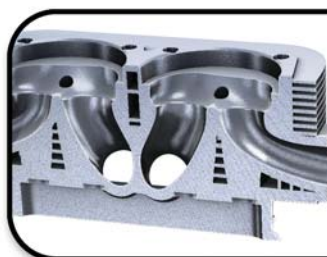
.100 - 50
.200 - 96
.300 - 138
.400 - 158
.500 - 167
.600 - 171

**ALL NEW
RE-DESIGN
FOR 2017!**

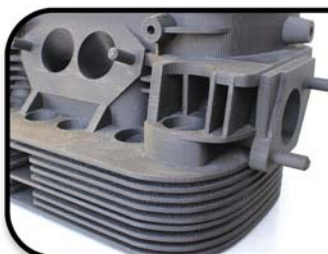
044™ **HI-VELOCITY** **CYLINDER HEADS**



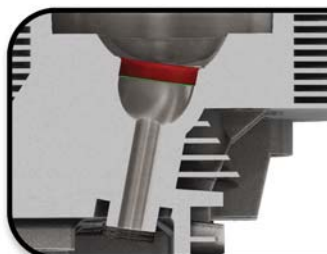
CB Performance has taken all of the necessary steps to design the best cooling, strongest, highest-flowing, street/strip 044™ head to date.



The 044™ was initially designed on the computer, where we were able to make adjustments and improvements wherever we saw a need.



Before producing the permanent molds for the 044™, we sent CAD drawings to a 3D Printer, which allowed us to check and verify all the new features.



Extra material was added around the 044™ combustion chambers & intake/exhaust ports to allow for a greater variety of CNC Porting profiles.

**CALL FOR
DEALER
PRICING!**

**STRONGER
BYDESIGN!**



**SHOWN
AS CAST!
CNC PORTING
AVAILABLE**



Standard Features:

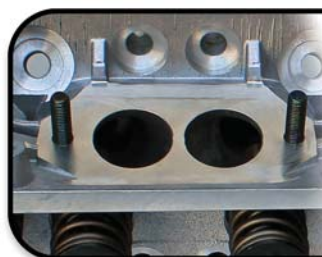
- 12mm 3/4" Reach Spark Plug Holes
- 40mm x 35.5mm SUPERGRIP™ 214N Single Groove S/S Valves With Stellite Tips
- SUPERGRIP™ Chromoly Valve Spring Retainers
- SUPERGRIP™ Single Groove Valve Locks
- Performance 4 Angle Valve Job (30°, 45°, 60° & 75°) on seats
- Manganese Bronze Racing Valve Guides
- Tungsten Carbide Alloy Valve Seats
- Single Hi-Rev Chrome Silicon Valve Springs

Upgrade Options:

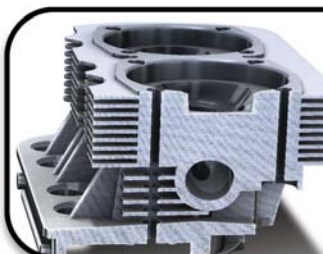
- Titanium Retainers
- Dual Hi-Rev Springs or VW650 Springs
- SUPERGRIP™ Snakeskin Valves



Relocated exhaust guides allow for additional material between the seats, improving head strength and allowing for valve sizes up to 46 x 37.5!



The ALL-NEW 044's™ feature an improved intake port design with smaller volume and more velocity, without sacrificing flow.



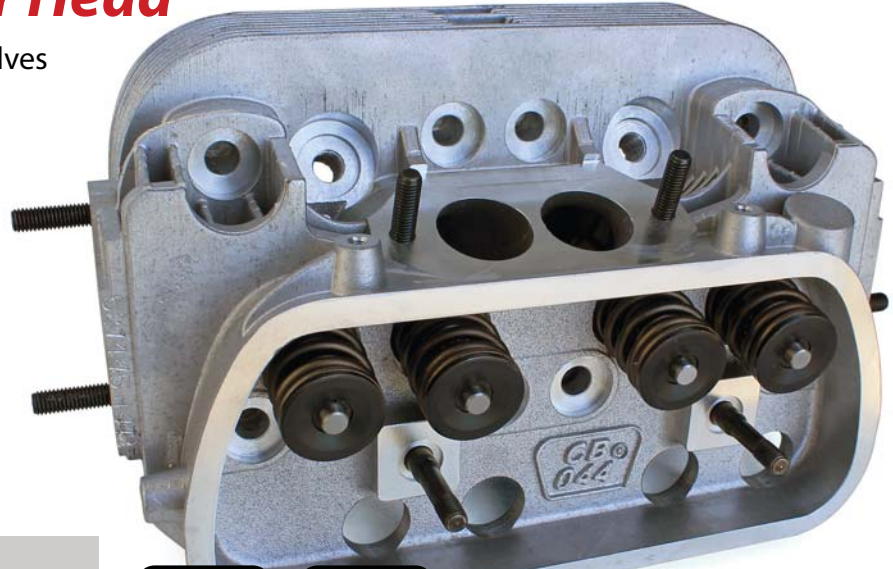
With the 044™ being used for all the CNC-ported heads in our lineup, it was important that the new design be as efficient, strong and versatile as possible.



CB offers in-house CNC Porting options on all of our 044™ Cylinder Heads. Each head can also be machined for larger cylinders.

044™ Magnum Cylinder Head

- 40 x 35.5mm or 42 x 37.5mm Stainless Steel Valves
- Dual Hi-Rev Springs
- Chromoly Retainers
- SUPERGRIP™ Valve Locks
- Bronze Silicon Racing Valve Guides,
- 3/4" Long Reach Spark Plug Bosses,
- Double Thick Combustion Chamber Walls,
- Tapered Cooling Fins
- Factory Produced by an O.E.M supplier to Volkswagen
- Specify Camshaft & Rockers when ordering!
- Sold Individually



Chamber Volume:
~55cc

Intake Port Volume:
58cc

ALL NEW FOR 2017!

1440	044™ Magnum (40 x 35.5) Standard Bore
1442	044™ Magnum (40 x 35.5) 90.5/92 Bore
1443	044™ Magnum (40 x 35.5) 94 Bore
1448	044™ Magnum Plus (42 x 37.5) Mahle 90.5/92 Bore
1449	044™ Magnum Plus (42 x 37.5) Mahle 94 Bore

STRONGER BY DESIGN with BIG FLOWING PORTS!

044's™ are more powerful than ever with optional 42 x 37mm S/S valves!

044™ Special Cylinder Head

- 40 x 35.5mm Stainless Steel Valves
- Single Hi-Rev Springs
- Chromoly Retainers
- SUPERGRIP™ Valve Locks
- Bronze Silicon Racing Valve Guides,
- 3/4" Long Reach Spark Plug Bosses,
- Double Thick Combustion Chamber Walls,
- Tapered Cooling Fins
- Factory Produced by an O.E.M supplier to Volkswagen.
- Specify Camshaft & Rockers when ordering!
- Sold Individually



Chamber Volume:
~55cc

Intake Port Volume:
58cc

ALL NEW FOR 2017!

1444	044™ Special (40 x 35.5) Standard Bore
1446	044™ Special (40 x 35.5) 90.5/92 Bore
1447	044™ Special (40 x 35.5) 94 Bore
1435	044™ Special - BARE with Guides & Seats (40 x 35.5) Standard Bore (each)

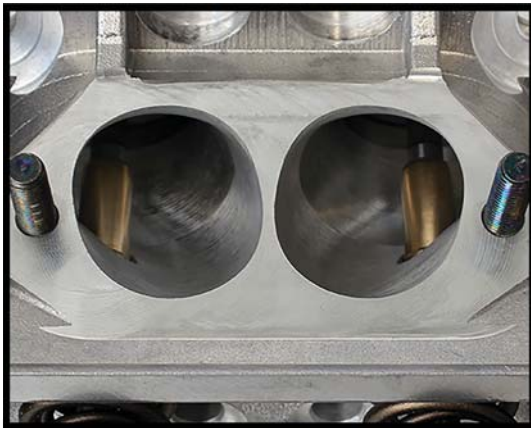


044™ CNC Super Mag Round Ports

Made for small to medium size engines, and based on the same 044™ Castings as the rest of the 044™ line up. Standard features include: 3 Angle Valve Job, 40 x 35.5mm S/S valves, silicon bronze valve guides, nickel chromium alloy valve seats,

- | | | | |
|---------------------------------------|---|--------------------------|-----------------------|
| Chamber Volume:
61cc | Intake Port Volume:
63cc | • Stainless Steel Valves | • CNC Porting |
| | | • Chromoly Retainers | • Dual Hi-Rev Springs |
| | | • SUPERGRIP™ Valve Locks | • 94mm Bore |

- | | |
|------|--|
| 1396 | 044™ CNC Super Mag Round Ports (40 x 35.5) Standard Bore |
| 1397 | 044™ CNC Super Mag Round Ports (40 x 35.5) 90.5/92 Bore |
| 1398 | 044™ CNC Super Mag Round Ports (40 x 35.5) 94 Bore |

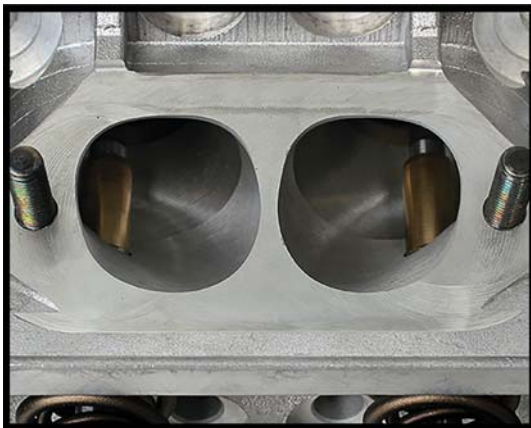


044™ CNC Ultra Mag Plus

To handle the extra flow capabilities of the intake ports, the combustion chambers are also CNC machined for maximum power and flame travel. Spark plugs are secured in relocated 12mm spark plug bosses for increased strength and durability. The exhaust charge is accelerated through the CNC Machined exhaust ports. Race Ready, and offer maximum HP potential for ultra high performance engines right out of the box!

- | | | | |
|---------------------------------------|---|--------------------------|------------------------|
| Chamber Volume:
62cc | Intake Port Volume:
75cc | • Stainless Steel Valves | • CNC Porting |
| | | • Chromoly Retainers | • Dual Hi-Rev Springs |
| | | • SUPERGRIP™ Valve Locks | • 90.5/92 or 94mm Bore |

- | | | | |
|------|--|------|--|
| 1450 | 044™ CNC Ultra Mag Plus (42 x 37.5) 90.5/92 Bore | 1457 | 044™ CNC Ultra Mag Plus (44 x 37.5) 90.5/92 Bore |
| 1451 | 044™ CNC Ultra Mag Plus (42 x 37.5) 94 Bore | 1458 | 044™ CNC Ultra Mag Plus (44 x 37.5) 94 Bore |

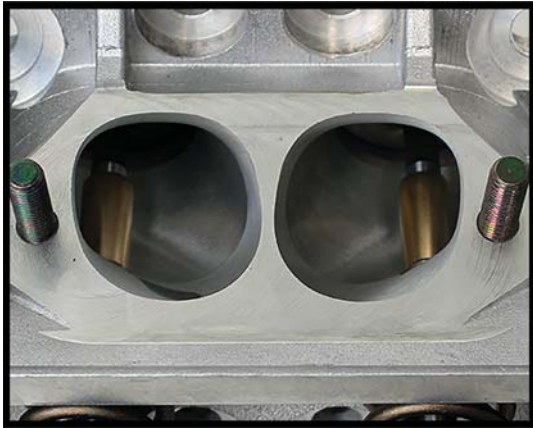


044™ CNC Mini Wedge Ports

Designed for engines needing a smaller port than the regular Wedge Port and Ultra Wedge Port 044™ heads. Ideal for street and race applications on engines as small as 1776cc's and as big as 2400cc's. Capable of producing over 200 HP with a 43mm intake valve. Available with a 43x37.5 valve combination in 90.5/92mm bore and 94mm bore.

- | | | | |
|---------------------------------------|---|--------------------------|------------------------|
| Chamber Volume:
64cc | Intake Port Volume:
78cc | • Stainless Steel Valves | • CNC Porting |
| | | • Chromoly Retainers | • Dual Hi-Rev Springs |
| | | • SUPERGRIP™ Valve Locks | • 90.5/92 or 94mm Bore |

- | | |
|------|--|
| 1420 | 044™ CNC Mini Wedge Ports (43 x 37.5) 90.5/92 Bore |
| 1421 | 044™ CNC Mini Wedge Ports (43 x 37.5) 94 Bore |



044™ CNC Wedge Ports

If you want the edge on the competition, these heads are just what you need! Maximum flow equals maximum horsepower! We have several engines running these heads that are making over 200 hp on the street! Available in 90.5/92mm or 94mm Bore. Also available Bare with Guides & Seats!

- | | | | |
|---------------------------------------|---|--------------------------|--------------------------|
| Chamber Volume:
67cc | Intake Port Volume:
76cc | • Stainless Steel Valves | • Chromoly Retainers |
| | | • CNC Porting | • SUPERGRIP™ Valve Locks |
| | | • Dual Hi-Rev Springs | • 90.5/92 or 94mm Bore |

1432	044™ CNC Wedge Ports (42 x 37.5) 90.5/92 Bore	1411	044™ CNC Wedge Ports (44 x 37.5) 94 Bore
1433	044™ CNC Wedge Ports (44 x 37.5) 90.5/92 Bore	1413	044™ CNC Wedge Ports - BARE (42 x 37.5) 94 Bore
1410	044™ CNC Wedge Ports (42 x 37.5) 94 Bore	1414	044™ CNC Wedge Ports - BARE (44 x 37.5) 94 Bore



044™ CNC Super Pro

This all-new port design focuses around high port velocity and smaller size. They have a 6cc smaller intake port than it's closest counterpart, the 044™ Wedge Port. This smaller intake port results in 35 fps improved port velocity. Higher port velocity results in greater drivability, with increased power and torque. The perfect choice for street cars, bracket race cars or turbo cars.

- | | | | |
|---------------------------------------|---|--------------------------|--------------------------|
| Chamber Volume:
67cc | Intake Port Volume:
81cc | • Stainless Steel Valves | • Chromoly Retainers |
| | | • CNC Porting | • SUPERGRIP™ Valve Locks |
| | | • Dual Hi-Rev Springs | • 94mm Bore |

1423	044™ CNC Super Pro (45 x 37.5) 94 Bore
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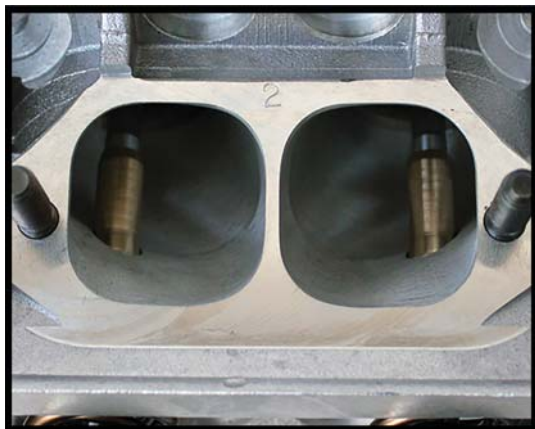


044™ CNC Ultra Wedge Ports

The intake valve has been increased to 46mm, resulting in 10% more flow than the standard Wedge Port. The Ultra Wedge Port uses the exclusive CB VW650 Valve Spring along with SuperGrip Single Groove Valve combination, which allows lift of up to .630" with .050" left before coil bind! The combustion chamber has also been redesigned for better quench. Chamber volume is now 69cc, perfect for turbo use, if desired.

- | | | | |
|---------------------------------------|---|--------------------------|----------------------|
| Chamber Volume:
69cc | Intake Port Volume:
89cc | • 46 x 37.5mm S/S Valves | • Titanium Retainers |
| | | • SUPERGRIP™ Valve Locks | • CNC Porting |
| | | • VW650 Valve Springs | • 94mm Bore |

1409	044™ CNC Ultra Wedge Ports - VW650 Valve Springs & Titanium Retainers (46 x 37.5) 94 Bore
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044™ Pro-Gas Square Ports

The ALL NEW 044™ Pro-Gas Square Port will become the Spec Cylinder Head for the Bugorama Racing Series Heads Up Pro-Gas Class, starting in 2018!

The 044 Pro-Gas Square Port uses an 81cc intake port, just like its predecessor, the 044™ Wedge Port. Each 044™ Pro-Gas Square Port head comes standard with 67cc combustion chambers, VW-650 Springs and Titanium Retainers.

For ease of inspection at BRS events, each 044™ Pro Gas Square Port is serial numbered and logged in our database. Flow numbers are listed below in two ways - a standard 67cc combustion chamber and also with a high compression .300" deep flycut chamber. Note that flycutting and CC'ing of combustion chambers is at an additional cost.

Sold in Pairs, but also available individually if needed.

IDA Match Ported Big Beef Manifolds are also available.

**Chamber
Volume:
67cc**

**Intake Port
Volume:
81cc**

- 44 x 37.5 S/S Valves
- Titanium Retainers
- SUPERGRIP™ Valve Locks
- CNC Porting
- VW650 Springs
- 94mm Bore

1417 044™ CNC Pro-Gas Square Ports (44 x 37.5) 94 Bore

1434 044™ CNC Square Ports (44 x 37.5) 94 Bore



ABOUT CB PERFORMANCE'S PRO-GAS CLASS.

This class is limited to Type 1, Type 3, and Karmann Ghia bodies, and must run the 044 CNC Wedgeport or Squareport Heads from CB Performance. PRO GAS starts on a .4 pro tree and runs in the high 10's to mid 11's.

See the complete list of up to date rules on our website:
<http://www.cbperformance.com/Pro-Gas-Rules-s/141.htm>

Street Eliminators



The all new Street Eliminators incorporate ultra clean castings from pure ingots, the latest process for heat treatment and aging, and toughest material for air-cooled applications. Combine that with precise machine work on all new tooling, backed up with a CMM to insure our exacting tolerances are met, and you have the best of the best! The CNC'd Street Eliminators feature All New CNC Intake and Exhaust Ports. These heads were designed on our SUPERFLOW SF-600 Flow Bench for Maximum Port Velocity and CFM.

Engineered to outlast modified or welded VW Factory Cylinder Heads that were designed to run on engines producing 55 to 60 hp, Street Eliminators were designed to produce 200 plus horsepower. Long reach 12mm spark plug threads assure improved heat dissipation resulting in longer plug life while reducing the danger of cracked spark plug bosses. Factory VW dual port tin, original and aftermarket dual port manifolds, original and aftermarket valve covers fit right on! You can also use stock or high ratio rocker arm assemblies on Street Eliminators.

Cylinder and combustion chamber scavenging in the Street Eliminator is more complete with than conventional ports. Squeeze exhaust ports improve power output through out the complete RPM range. Soot and deposits left over from incomplete chamber scavenging add to blow-by problems. Street Eliminators squeeze exhaust ports, to help eliminate this problem.



STREET ELIMINATOR FEATURES:

- 100% New Tooling & Molds
- New Heat treat processing to handle extreme conditions
- Close to 50% more material in the rocker box
- Double strength rocker supports to handle high lift rockers and high pressure valve springs
- Single groove, race proven, valves, locks and chromoly retainers
- Silicone Bronze racing valve guides
- Balanced flow intake and exhaust runners
- Valve Spring options available for all applications, street to strip
- Cast, machined, and assembled 100% in the USA!

1540	CNC Street Eliminators - Complete (42 x 37.5) 92 Bore
1541	CNC Street Eliminators - Complete (42 x 37.5) 94 Bore
1542	CNC Street Eliminators - Complete (44 x 37.5) 92 Bore
1543	CNC Street Eliminators - Complete (44 x 37.5) 94 Bore
1544	CNC Street Elim. w/VW650 Springs (46 x 37.5) 94 bore
1483	Street Eliminators - Complete (42 x 37.5) 90.5 Bore
1485	Street Eliminators - Complete (42 x 37.5) 92 Bore

1487	Street Eliminators - Complete (42 x 37.5) 94 Bore
1488	Street Eliminators - Complete (44 x 37.5) 92 Bore
1489	Street Eliminators - Complete (44 x 37.5) 94 Bore
1482	Street Eliminators - BARE with Guides and Seats - 92 Bore
1484	Street Eliminators - BARE with Guides and Seats - 94 Bore
1494	Street Eliminators - BARE, Castings Only - 92 Bore
1496	Street Eliminators - BARE, Castings Only - 94 Bore

Super Street Eliminators

Perfect for turbo use, but also makes for a very powerful running naturally aspirated head. Intake port volume was kept low for increased driveability (76cc for the 42 & 44mm intake valve, 86cc for the 46mm intake valve).

1561	CNC Super Street Eliminators (42 x 37.5) 90.5/92 bore
1562	CNC Super Street Eliminators (44 x 37.5) 90.5/92 bore
1547	CNC Super Street Eliminators (42 x 37.5) 94 bore
1548	CNC Super Street Eliminators (44 x 37.5) 94 bore
1549	CNC Super Street Eliminators (46 x 37.5) 94 bore w/VW650 Springs & Titanium Retainers



ALL NEW CNC PORT DESIGN FOR 2017!

Competition Eliminators

With 48mm intake valves, and Cosworth Style Ports, the RPM potential is over 9,000!

Our longer single groove valves make it a snap to set up the proper rocker arm geometry with big cams and high ratio rocker arms. We engineered these heads to use stock cylinder covers and VW style valve covers for ease of installation. With our intake manifolds, you can even fit the Competition Eliminators in a standard sedan engine compartment with the deck lid closed!

Competition Eliminators are the biggest, baddest, VW cylinder head ever designed and put into production. It's a factory ultra precision part produced from a high density 356A aluminum billet. The Competition Eliminator gives you everything that you have ever dreamed about in a VW high performance cylinder head.

Competition Eliminators are powerful and versatile. With just a little trimming of your stock cylinder covers, Competition Eliminators fit right in!

1431	CNC Comp Eliminators - Complete (44 x 38) 94 Bore
1426	CNC Comp Eliminators - Complete (46 x 38) 94 Bore
1427	CNC Comp Eliminators - Complete (46 x 40) 94 Bore
1428	CNC Comp Eliminators - Complete (48 x 38) 94 Bore
1429	CNC Comp Eliminators - Complete (48 x 40) 94 Bore



COMP. ELIMINATOR FEATURES:

- CNC Porting
- Race Master Valves (optional upgrade to Titanium Valves)
- Race Master Springs (optional upgrade to K-Motion Springs)
- Chromoly Retainers (optional upgrade to Titanium Retainers)
- Race Master Valve Locks

1461	Comp Eliminators - Complete (42 x 38) 90.5/92 Bore
1462	Comp Eliminators - Complete (44 x 38) 90.5/92 Bore
1463	Comp Eliminators - Complete (44 x 38) 94 Bore
1464	Comp Eliminators - Complete (46 x 38) 94 Bore
1425	Race Ready CNC Competition Eliminators (94 Bore)

BARE Competition Eliminators

CB also offers the Competition Eliminator heads for the shops and qualified machinist that wants to have it their way. Available with seats and guides, ready for your own custom valve job, or bare castings machined for 42 x 38 valve seats. With the bare machined heads all of the major machine work is finished by CB Performance. You can port 'em up and machine the valve seat pockets to whatever size you need, then install the valve seats and guides of your choice.

If installing valve seats and guides is too much for you, order the bare Competition Eliminator heads with seats and guides installed by our in-house professionals. This allows you to install your own valves, springs, and retainers as well as cutting your own custom valve job.



1459	Comp Elim - BARE, Castings Only - 94 Bore
1460	Comp Elim - BARE, Castings Only - 90.5/92 Bore
1466	Comp Elim - BARE w/Guides & Seats (42 x 38) 92 Bore
1467	Comp Elim - BARE w/Guides & Seats (44 x 38) 92 Bore
1468	Comp Elim - BARE w/Guides & Seats (44 x 38) 94 Bore

1469	Comp Elim - BARE w/Guides & Seats (46 x 38) 94 Bore
1405	CNC Comp Elim - BARE w/Guides & Seats (46 x 38) 94 Bore
1406	CNC Comp Elim - BARE w/Guides & Seats (46 x 40) 94 Bore
1407	CNC Comp Elim - BARE w/Guides & Seats (48 x 38) 94 Bore
1408	CNC Comp Elim - BARE w/Guides & Seats (48 x 40) 94 Bore

STRIP DOMINATOR



Strip Dominator

"Over 300 CFM, Off the Shelf!"

No more waiting 6 months to a year for a set of hand ported race heads and no more second mortgage to buy them!

100 PERCENT MADE IN THE USA from 356 aluminum heat treated to T6. Strip Dominator heads come standard with 50x38mm Titanium valves with hardened tips. The valve guide center-lines have been relocated on the Strip Dominator head in order to fit the large 50mm intake valve into a 94mm bore. Valves have a proprietary back angle and radius to improve flow and velocity. Intake and exhaust seats are made from beryllium copper. CB Performance does a 4-angle valve job to each head. Intake valves have 2 angles instead of the typical single 45 degree like most race heads. Valve guides are profiled to improve flow and are made from silicone bronze.

Each Strip Dominator head comes with 10 degree Titanium retainers, 10 degree locks and K-Motion K-800 valve springs. The Strip Dominator head will accept any conventional type rocker arrangement. Each head is also made to accept a brand new 4 bolt rocker arrangement made for CB Performance by Pauter Machine. This rocker arrangement is far superior to anything on the market. Available ratio's range from 1.3 to 1.5. All heads come standard with 5-axis CNC Porting. Combustion chambers are also reshaped using a 5-axis CNC. Chamber volume is 52cc's. Bore size is 94mm only.



Our CB Strip Dominator Heads will also fits the new-style Autocraft 910 Valve Covers (does not fit the old style.)

NOTE: Most aftermarket cylinders up to 96.9mm will fit into a 94mm bore.

Features:

- 50 x 38mm Titanium Valves
- 10 Degree Titanium Retainers
- Standard 5-Axis CNC Porting
- K-Motion K-800 Springs
- 4-Angle Valve Job
- 52cc Chamber Volume
- 94mm Bore Size

1606	Strip Dominator Cylinder Heads (50 x 38) 94 Bore
1608	Strip Dominator Billet Valve Covers
1609	Strip Dominator Billet Valve Cover O-ring Gaskets (pair)
1614	Strip Dominator Manifolds (set of 2)
1615	Strip Dominator Manifolds - CNC Ported (set of 2)
1969	Extended Valve Cover Nuts - Black (set of 10)



Big Beef Match Ported Manifolds - IDF & DRLA

CB Performance offers custom Match-Ported Manifolds for an exact fit with our CNC Ported Cylinder Heads. Each manifold is hand ported to a perfect match, for a smooth transition between manifold and intake ports.

With Match-Ported Manifolds, you will have uninterrupted flow and a quicker throttle response.

- | | |
|------|--|
| 3158 | Ultra Mag Plus Match Ported Manifolds - IDF & DRLA |
| 3162 | Panchito 044 Match Ported Manifolds - IDF & DRLA |
| 3164 | Super Mag Match Ported Manifolds - IDF & DRLA |
| 3165 | Wedge Port Match Ported Manifolds - IDF & DRLA |
| 3166 | Ultra Wedge Port Match Ported Manifolds - IDF & DRLA |
| 3174 | Mini Wedge Port Match Ported Manifolds - IDF & DRLA |
| 3177 | Super Pro Match Ported Manifolds - IDF & DRLA |
| 3181 | CNC Street Elim. Match Ported Manifolds - IDF & DRLA |



Big Beef Match Ported Manifolds - IDA

CB Performance offers custom Match-Ported Manifolds for an exact fit with our CNC Ported Cylinder Heads. Each manifold is hand ported to a perfect match, for a smooth transition between manifold and intake ports. With Match-Ported Manifolds, you will have uninterrupted flow and a quicker throttle response.

- | | |
|------|--|
| 3159 | Ultra Mag Plus Match Ported Manifolds - IDA |
| 3163 | Wedge Port Match Ported Manifolds - IDA |
| 3167 | Ultra Wedge Port Match Ported Manifolds - IDA |
| 3173 | Mini Wedge Port Match Ported Manifolds - IDA |
| 3176 | Super Pro Match Ported Manifolds - IDA |
| 3180 | CNC Street Eliminator Match Ported Manifolds - IDA |
| 3182 | Square Port Match Ported Manifolds - IDA |



CB Billet Valve Covers

They start off as a solid piece of 6061-T6 aluminum. We have machined them to use an o-ring seal at the head flange and rocker stud for an easy leak free installation. Featuring a machined-in 1/2" NPT breather port for maximum crankcase ventilation.



Features:

- Rocker Stud Adapters and Hardware Included
- Fits Stock Heads, or Comp & Street Eliminator Heads
- Clears K-800 Valve Springs
- Clears Pauter Rockers (Requires shorting pedestal nut & drilling holes to 10mm)



- 1694 CB Billet Valve Covers - Black Anodized (set of 2)
- 1695 CB Billet Valve Covers - Polished (set of 2)
- 1693 O Ring Kit for 1694 and 1695 CB Billet Valve Covers

Fil-Star Valve Covers

Cast from 356A aluminum, heat treated and machined to an exact fit.

Self-locking nuts and inner seals prevent oil loss around the mounting studs.



- 1702 Fil-Star Valve Covers (fits all Type-1) Fully Polished
- 1704 Fil-Star Valve Covers - for use w/10mm rocker studs Fully Polished
- 1707 Fil-Star Valve Covers - Ball Burnished (fits all Type-1) **NEW!**

C-Channel Valve Cover Gaskets

Replacement C-Channel gaskets that fit our 1702, 1704 & 1707 valve covers.



Oil Resistant neoprene rubber gaskets can last for many valve adjustments with zero leaks. A must have part if you are running our C Channel Valve Covers because they will not stock these at the local auto parts store.

- 1696 C Channel Valve Cover Gaskets (set of 2)

Type-4 Valve Covers

The "C" channel gaskets help keep your engines critical oil supply inside where it belongs.

Add a new dimension in appearance and utility. The thicker walls of the castings help to reduce rocker arm noise and reduce engine heat. All hardware and "C" channel gaskets are supplied with each set.



- 1697 Valve Covers - 914 & Type-4 (set of 2)
- 1698 Replacement C-Channel Gaskets for Type-4 valve covers (set of 2)

Clip-On Valve Covers

Brightly polished, deep finned and cool running!

Clip on valve covers have additional rocker arm clearance engineered right in. The specially designed gasket lip holds the valve cover gasket in position and helps eliminate oil leaks. They fit all 1200, 40hp, 13, 15 and 1600cc engines.



- 1691 Clip On Valve Covers

MST Billet Valve Covers

These bolt-on covers come with a no-slip lip for the gasket, a smooth o-ring seal for the bolts, and proudly display the MST Logo across the face.

As of 2020, the MST Valve Covers now include a Breather Port on each valve cover. Two plugs and two Brass Fittings are now included, along with the previously included mounting hardware.

9200	MST Billet Valve Covers - Black
9201	MST Billet Valve Covers - Blue
9202	MST Billet Valve Covers - Silver
9203	MST Billet Valve Covers - Red



Stock Valve Covers

Can be used on 40hp, 13, 15, and 1600cc engines.

For that original VW look, get a set of Stock Valve Covers. Leaking valve covers are not only messy but can also result in oil loss and a destroyed engine. Requires Valve Cover Clips for installation.



1657	Stock Valve Covers (pair)
1658	Valve Cover Clips (pair) OEM (also 311-101-487)

Chrome Plated Valve Covers

Can be used on 40hp, 13, 15, and 1600cc engines.



1700	Chrome Plated Valve Covers (set of 2)
1701	Chrome Valve Cover Clips (set of 2)

Valve Cover Gaskets

They fit all 40hp, 13, 15 and 1600 based engines using stock valve cover gaskets.



1977	Valve Cover Gasket - Type-1 (each)
1978	Valve Cover Gaskets (set of 25) OEM
1979	Valve Cover Gasket - Type 4 - 17-2000 (each)

Valve Cover Vent Tubes

Big engines need lots of breathing room. You can easily improve your engines breathing by installing a set of Valve Cover Vents.



Just drill a hole and screw 'em in. Helps eliminate messy blow-by and oil loss. Can be used on all stock and after market VW and Porsche valve covers. Can be used to vent into air cleaners, breather box or remote located filter vents.

1772	Valve Cover Vent Tubes (pair)
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Barrel Shims

Barrel Shims are now available in different thickness' so that you can properly set your deck height. The thinner .010 shims make an excellent base gasket for normal installations of Big Bore Kits. Shims are packaged in sets of 4.



	.010"	.020"	.030"	.040"	.060"	.090"
1600cc	1292	1293	1294	1295	1283	1285
90.5/92mm	1296	1297	1298	1299	1300	1286
94mm	1261	1262	1263	1264	1280	1281

Aluminum Barrel Spacers

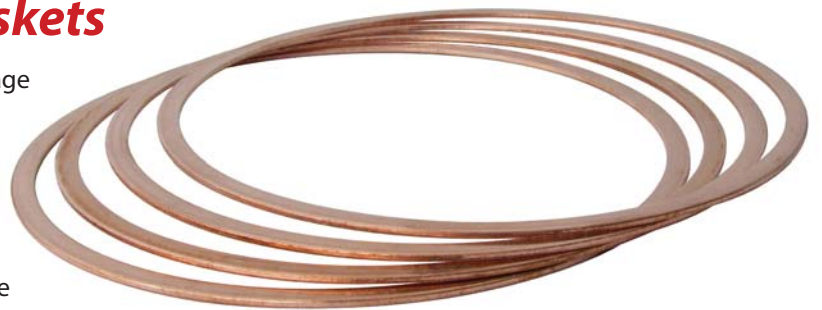
For use with stroker cranks and B stroke pistons. Currently Available to fit 94mm barrels. Lazer cut from aluminum plate and precision ground on each side to assure proper alignment of barrels and heads. Cylinder sealing surface depth to centerline may not be consistent from engine case to engine case. Copperhead gaskets may be used to dial in the exact deck height and compression ratio.



1094	Aluminum Barrel Spacers - 94mm x .145" (set of 4)
1095	Aluminum Barrel Spacers - 94mm x .200" (set of 4)
1096	Aluminum Barrel Spacers - 94mm x .240" (set of 4)

Copperhead Cylinder Head Gaskets

They help eliminate the continual problem of combustion leakage between the barrels and the cylinder head. When installed on a fresh set of heads, resurfacing of the cylinder head is never required due to the durability and temperature resistance (2300° F) of the copper alloy gaskets.



The use of Copperhead Cylinder Head Gaskets allows the engine builder to set engine deck height at zero. The thickness of the Copperhead Gaskets provides the actual piston to cylinder head clearance.

Engines that have been set up to run with zero deck height produce more power because the combustion energy of first ignition is contained within the combustion chamber. The containment of the heat and pressure of first ignition within the combustion chamber reduces the pressure shock on the walls of cast iron cylinders. This factor helps reduce cylinder cracking and splitting which is prevalent in high compression VW engines.

1385	Copper Head Gaskets - .040" thick, 90.5mm (set of 4)	1388	Copper Head Gaskets - .060" thick, 92mm (set of 4)
1386	Copper Head Gaskets - .060" thick, 90.5mm (set of 4)	1389	Copper Head Gaskets - .040" thick, 94mm (set of 4)
1387	Copper Head Gaskets - .040" thick, 92mm (set of 4)	1390	Copper Head Gaskets - .060" thick, 94mm (set of 4)

Chromoly Cylinder Head Studs

Manufactured from special Mil spec 4130 F4 Chromoly to provide a uniform holding force. They are hardened, tempered, cold drawn and feature rolled threads.

Centerless grinding assures maximum strength and fatigue resistance. Rated at 145,000 psi tensile strength. Ultra 90 Black coated and packaged in complete sets with hardened washers and hex nuts. A special long stud is included for late model engine cases.



These studs are 1/2" longer than stock.

1223 Cylinder Head Studs - 10mm Chromoly - Dual Port

1229 Cylinder Head Studs - 8mm Chromoly - Dual Port

Cylinder Head Studs

Shipped in full sets to fit single or dual port 8mm engines. Sets come complete with head nuts and washers.

Manufactured to the same quality as supplied on original engines.



1251 Cylinder Head Studs - 8mm - Single Port

1276 Cylinder Head Studs - 8mm - Dual Port

Cylinder Head Nut Sets



1269 Cylinder Head Nut Sets - 10mm
(w/special thick washers) (set of 16)

1270 Cylinder Head Nut Sets - 8mm
(w/special thick washers) (set of 16)

Cylinder Head Lock Nuts

16 Race Quality Shake-Proof Nylon Lock Nuts, for use with 10mm Cylinder Head Studs.

Torque it down, and forget it!



1922 Cylinder Head Lock Nuts - 10mm (16 nuts)

CB Super Race Cranks

Chromoly steel is one of the strongest metals that can be used for the manufacture of crankshafts. Progressive dies are used in the forging process to assure a grain flow that follows the shape of the finished crankshaft.

The special design of the counterweights help reduce oil foaming during high RPM while smoothing out your engines entire power range. The integral counterweights flatten out high-speed harmonic and dampen engine vibrations.

Super Race Crankshafts are available in several different strokes and connecting rod combinations.

1153	Super Race Crank - 78.4mm Stroke - VW Journals
1154	Super Race Crank - 82mm Stroke - VW Journals
2668	Super Race Crank - 78.4mm Stroke - Chevy Journals
2669	Super Race Crank - 82mm Stroke - Chevy Journals
2673	Super Race Crank - 84mm Stroke - Chevy Journals
2674	Super Race Crank - 86mm Stroke - Chevy Journals



**MACHINED FROM
AN E4340 CHROMOLY
FORGING!**

FEATURES:

- Forged from one-piece Chromoly billet
- Cross groove oiling holes
- Extra long 8mm crank/ flywheel dowels
- Uses standard or lightweight flywheels
- Micro polished bearing journals
- Dynamically balanced
- Bearing surfaces are nitrided
- Magnafluxed

Forged Chromoly Cranks

BOLT IN the HIGH RPM ADVANTAGE Today!

Machined from a 4140 Chromoly forging! Chromoly steel is one of the strongest metals that can be used for the manufacture of crankshafts. Progressive dies are used in the forging process to assure a grain flow that follows the shape of the finished crankshaft.

The special design of the counterweights help reduce oil foaming during high RPM while smoothing out your engines entire power range. The integral counterweights flatten out high-speed harmonics and dampen engine vibration.

The Natural Choice for high performance engines. Forged into the shape of a VW crank and then CNC machined, ground and micro-polished, every CB Forged Chromoly Crankshaft is shot peened, balanced and equipped with 8 hardened dowels. The bearing journals are standard, because it's brand new and it's stronger than a previously owned welded crank.

1105	4140 Forged Chromoly Crank (69mm Stroke) VW Journals
1106	4140 Forged Chromoly Crank (76mm Stroke) VW Journals
1107	4140 Forged Chromoly Crank (74mm Stroke) VW Journals



**THE NATURAL CHOICE
FOR HIGH PERFORMANCE
ENGINES!**

FEATURES:

- Forged from one-piece Chromoly Billet
- Cross groove oiling holes
- Extra long 8mm crank/ flywheel dowels
- Uses standard or lightweight flywheels
- Micro polished bearing journals
- Dynamically balanced
- Magnafluxed



Wedge-Mated SUPER RACE Crankshaft with Flywheel and Dowel Pins

Wedge-Mated SUPER RACE Crank with #1303 Lightweight Flywheel. Features eight 11/32" dowel pins. Available in VW or Chevy Journals.

Engineered for high horsepower engines, whether it's for off-road, street or race applications. If you're punishing your motor with hi-revving launches, or sustained RPM exceeding 6500, you're going to want to take a serious look at this setup.

We start with our Super Race Crankshaft (forged from 4340 Chromoly billet) and pair it with one of our Lightweight Chromoly Flywheels. Next, they're machined with a high-tolerance matching taper which delivers maximum contact area for a high-friction conical fit. This ensures superior strength and stability for increased durability and reliability.

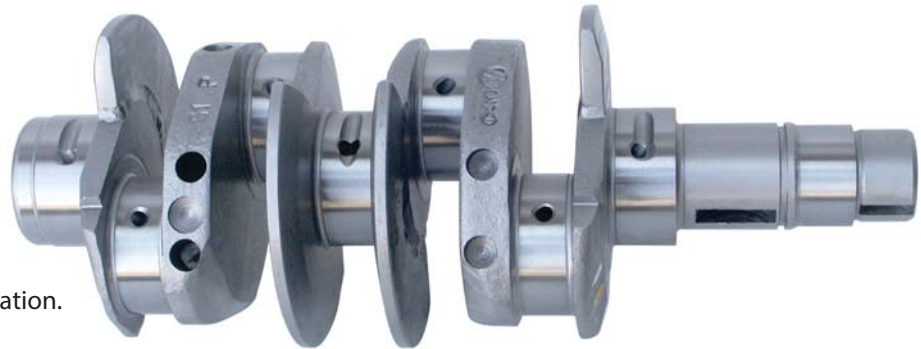


NOTE: Once the crank and flywheel are fully assembled and torqued, the fitment is so strong that a special tool is required to separate them later. CB recommends the Ron Lummus Racing Wedge-Mate Flywheel Removal Tool. **Endplay shims sold separately.**

1122	Wedge-Mated SUPER RACE Crank (84mm Stroke) Chevy Journals
1124	Wedge-Mated SUPER RACE Crank (86mm Stroke) Chevy Journals
1128	Wedge-Mated SUPER RACE Crank (82mm Stroke)VW Journals

Rev Power Welded Counterweight Crank

A pre-stressed Welded Counterweight Crankshaft will smooth out your engine's total power range. The welded counterweights help prevent "whipping" and upper RPM vibration due to normal 4 cylinder operation.



The Welded Counterweight is a good investment for high- performance or long haul street engines. A counterweight engine runs smoother, produces more power and lasts longer than similar non-counterweighted engines.

Each Welded Counterweight supplied by CB is precision indexed and ground to assure perfect alignment and straightness. Each bearing journal is radiused to prevent stress and breakage. The assembled counterweight unit is shot peened prior to grinding and micro polishing. The stock stroke (69mm) welded counterweight is your assurance of a strong bottom end and non-harmonic mid-range performance.

NOTE: These are drilled for 8 dowel, but dowels are sold separately (#1415, #1418) **These Counterweighted Crankshafts are cut UNDERSIZED, so ask a salesperson which bearings you will need.**

1110	Rev Power Welded Counterweight Crank - 69mm
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Lightweight Forged Chromoly Flywheel

CB flywheels are precision ground to insure quick, smooth clutch action. All flywheels are drilled for 8 dowel pins. You can increase the life of your engine by cutting down on rotating weight. Lightweight flywheels are recommended for use with all stroker cranks.

FOR STREET OR COMPETITION USE.



1303 Lightweight Forged Chromoly Flywheel - 200mm (o-ring seal)

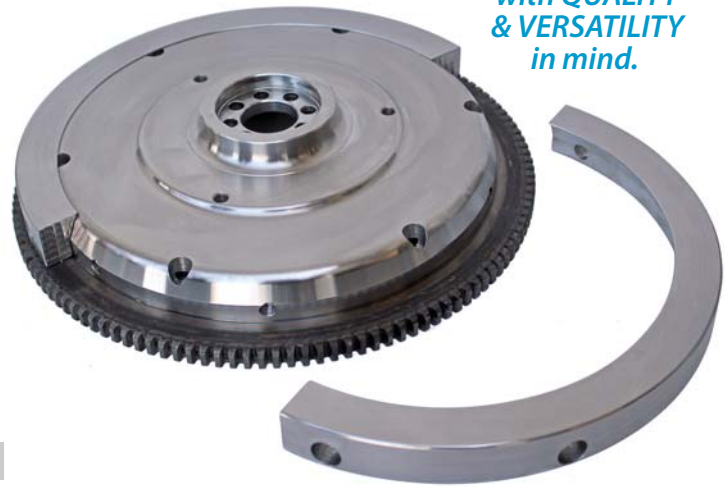
Dual Weight Chromoly Flywheel

We often get asked at CB, "what is the best flywheel for my application, stock or lightweight? The answer is, "it all depends on the application." Some heavier vehicles respond well to a heavy flywheel, lighter cars respond well to a lightweight flywheel.

Run the Dual Weight Chromoly Flywheel in stock form, and if you ever wanted to try a lightweight flywheel, simply remove the weight rings!

Manufactured from 4140 Chromoly Steel, and precision ground and drilled for 8 dowel pins. Accepts standard O-ring seal.

*DESIGNED
with QUALITY
& VERSATILITY
in mind.*



1305 Dual Weight Chromoly Flywheel

Standard Replacement Flywheel

Worn and defective flywheels can often result in high repair cost and expensive down time. Starters can be ruined by worn flywheel teeth. Clutches can chatter due to worn and uneven clutch surfaces.

Crankshafts and dowel pins often leak oil due to loose dowel pin holes. Crankshafts have even broken due to misfit of defective flywheels.

If you are in doubt replace your old unit with a factory fresh flywheel.



1308 Standard Replacement Flywheel (12 volt) 200mm (o-ring seal)

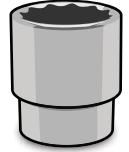
Racing Gland Nut with Washer

Manufactured from chromoly steel to provide the strongest gland nut available. The extra large thrust surface helps hold the flywheel firmly against the crankshaft to prevent loose dowel pins and oil loss. The increased diameter has better holding power than stock gland nuts.

Complete with inner needle bearing and special grease seal. Can be used with stock or lightweight flywheels with 4 or 8 hole pattern. Each Racing Gland Nut is sold with a hardened steel thrust washer for added strength and holding power. For use on all 40hp, 13, 15 & 1600cc based engines.



REQUIRES
1-1/2"
SOCKET



1360 Racing Gland Nut with Washer

Stock Replacement Gland Nut & Washer

Loose gland nut bearings will often freeze on the transmission main shaft and cause expensive repair and inconvenience.

Install a new gland nut at clutch replacement time and eliminate costly teardown due to worn gland nut bearings. Gland Nut Washer is sold separately.



1361 Gland Nut - Stock Replacement

1364 Gland Nut Washer - Stock Replacement

End Play Shim Kit

A flywheel or bearing change calls for re-setting the end play.

This kit contains a selection of end play shims to fit 12, 13, 15 & 1600 based engines to allow you to dial in the correct amount of crank shaft end play.



1362 End Play Shim Kit

Spring Steel Thrust Washer

Designed to provide a solid crush against the flywheel to help eliminate loose dowell pins and engine failure.

Also helps to keep the gland nut from loosening up. Can be used on stock or high performance gland nuts on 40hp, 13, 15 & 1600 based engines.



1363 Spring Steel Thrust Washer

Flywheel O-ring

New silicone based rubber O-rings are designed to keep a perfect seal under extreme temperature conditions.

Old style O-rings often fail, resulting in oil leakage and ruined clutches, and expensive down time. Don't gamble, install a silicone based O-ring and save time and money.



1375 Flywheel O-ring

White Rhino Aluminum Super Case

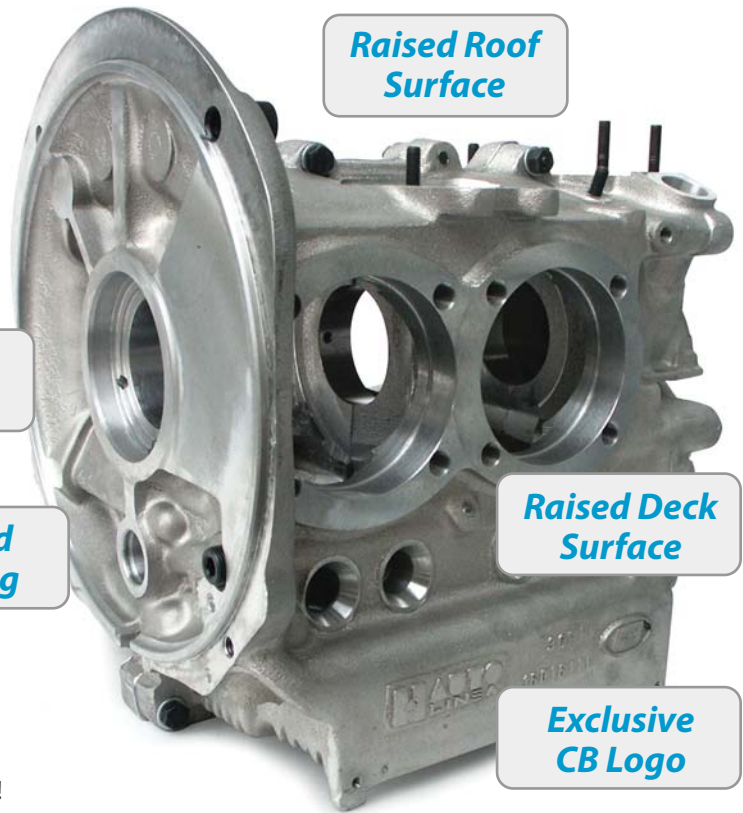
Available in multiple bore sizes, and deck heights.

Features:

- 6 Shuffle Pins for added strength
- Raised deck surface to eliminate the usage of Barrel Spacers or custom long cylinders
- Drilled & Tapped for Full Flow
- Cut for Grooved Cam Plug
- Filled in behind #3
- Clearanced for 86 stroke Crankshafts
- Pick up tube included

Specify 8mm or 10mm Case Savers - Included but not installed.
(Can be installed for \$25.00)

Dealers: Ask about our special dealer discounts when you buy in bulk!



1155	White Rhino Alum. Super Case (STD Bore) 9.5mm Deck (not drilled for head studs)
1156	White Rhino Alum. Super Case (94 Bore) STD Deck
1157	White Rhino Alum. Super Case (94 Bore) 3.5mm Deck
1158	White Rhino Alum. Super Case (94 Bore) 7.0mm Deck

1159	White Rhino Alum. Super Case (94 Bore) 9.5mm Deck
1160	White Rhino Alum. Super Case (92 Bore) STD Deck
1161	White Rhino Alum. Super Case (92 Bore) 3.5mm Deck
1162	White Rhino Alum. Super Case (92 Bore) 7.0mm Deck
1163	White Rhino Alum. Super Case (92 Bore) 9.5mm Deck

CB Super Case

We begin with a brand new case, and inspect each one in our Machine Shop, to ensure it meets our rigid standards, prior to beginning the transformation into a CB Super Case. Each case is clearanced for stroker cranks, using a 3-axis CNC mill. We offer your choice of Cylinder Bore, in 88 machine, 90.5/92mm or 94mm. Additionally, we also drill the case for full flow and include a plug if not needed. **IMPORTANT NOTICE: Only use the Shortened Plug provided by CB when NOT running Full Flow. DO NOT use other plugs, as it could damagem the case.**

We use only the latest O.E. AS41 Dual Relief Universal Cases. These new engine cases are made by RIMA of Brazil for Volkswagen, using brand new tooling. The new tooling is so precise, that there is NO CORE SHIFT and welding behind the #3 Cylinder is no longer necessary.

A CB Super Case will speed up the assembly of larger engines. For example, you will be able to "drop in" CB #1154 and #1289 when you use a CB Super Case. Additional grinding, cutting, or other machine operations are not required. Universal cases are equipped with rear mounts for use in late buses.

1274	Engine Case - CB Super Case (88, 90.5/92, or 94 Bore)
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READY for ASSEMBLY!



AS41 Dual Relief VW Universal Engine Case

New engine cases are equipped with steel case savers for use with 8mm studs. Also factory installed are the main journal studs, case half studs, and oil pick up tube. The main bearing saddles are factory standard.

Universal means it not only fits Type-1's, but it also has the mounting holes for a Type-2 Bus installation, as well as the dipstick hole for a Type-3 (Universal Case/Type-3 Block Offs are also available).

1275 AS41 Dual Relief VW Universal Engine Case (Type-1 & 2)



Dual Relief Engine Case

New engine cases are equipped with steel case savers for use with 8mm studs, and the #3 front top is deep studded for added strength.

Also factory installed are the main journal studs, case half studs, and the preferred large ID oil pick up tube. The main bearing saddles are factory standard.

043-101-005 Dual Relief Engine Case (fits Type-1 & Type-2)



CB's Max-Flow Oil Pick-Up Tubes

Our Max-Flow Pick-Up Tubes utilize the large ID tubing found in the dual relief 1600 engine case for maximum oil flow. We have made the Cut To Length tube over 5" long to work with most aftermarket oil sumps. Each tube is brazed on all seams to insure a perfect "no leak" fit and finish.

Included with the Max-Flow Cut to Length Pick-Up Tube is a template to help you cut the tube to the correct length for all of the CB Oil Sumps. Use these when installing a high volume oil pump or build a high revving VW engine.

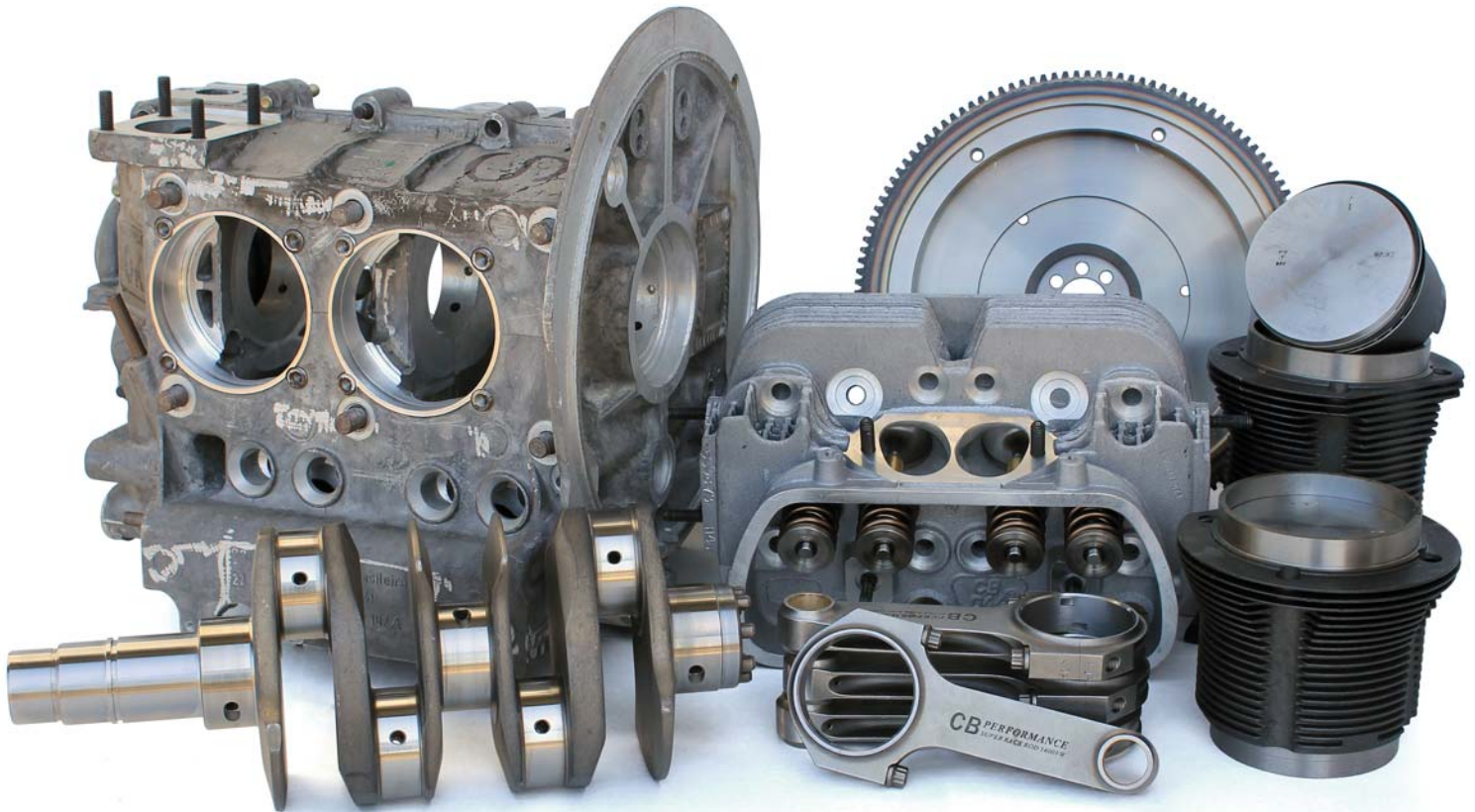
1272 Stock Replacement Max-Flow Oil Pick-Up Tube

1273 Cut to Length Max-Flow Oil Pick-Up Tube



**CB Max-Flow
PICKUP TUBES**

BUILDER'S CHOICE Engine Kits



Conceived, designed & developed by Award Winning engine builder, Pat Downs!

The "Builders Choice" Engine Kits are set up with the novice builder in mind. Easy to assemble with pre-determined compression ratio's, connecting rod length, camshaft and cylinder heads.

The "Builder's Choice" engine kit takes all the guesswork out of building your own engine. Each kit is listed with the correct carburetor size, intake manifold, and exhaust type needed to achieve the advertised Horsepower output. Never before have engine-building secrets like these been let out to the public! ***Take advantage from years of engine building experience with the Builders Choice Engine Kits!***

1179	Builder's Choice Engine Kits - 1904cc (74 x 90.5) - Gas Saver
1180	Builder's Choice Engine Kits - 105 HP 1776cc
1181	Builder's Choice Engine Kits - 120 HP 1915cc
1182	Builder's Choice Engine Kits - 140 HP 2005cc
1183	Builder's Choice Engine Kits - 150 HP 2110cc

1184	Builder's Choice Engine Kits - 160 HP 2165cc
1185	Builder's Choice Engine Kits - 180 HP 2276cc
1186	Builder's Choice Engine Kits - 200 HP 2332cc
1187	Builder's Choice Engine Kits - 220 HP 2387cc The Big Power Signature Kit

CB Super Race Rods

Manufactured from 4340 Chromoly forgings and then heat treated, CNC machined, and stress relieved. Each Race Rod is then visually inspected and magnafluxed.

The crankshaft end of the rod is bolted together, CNC machined and precision honed to + or - .0002". The rod journal bearing surfaces are hone finished to a fine crosshatch. Silicon bronze wrist pin bushings are pressed in and finish honed to + or - .0002". Super Race Rods are available to fit VW and Chevy Rod journals and in lengths from 5.325" to 5.700". Super Race Rods are assembled with ARP 2000 Rod Bolts and shipped in matched sets of four to assure continuity and convenience during engine assembly. You'll get bottom end torque with a set of CB Super Race Rods.

Super Race Rods are lighter and yet stronger than O.E.M VW connecting rods. The rod caps are engineered to reduce the amount of internal case clearancing inquired to drop in a stroker crank. You can run strokes up to 76mm without case clearancing. Super Race Rods allow you to run longer strokes while maintaining the structural integrity of the engine case.



1287	Super Race Rods - VW rod journal - 5.325" length
1289	Super Race Rods - VW rod journal - 5.400" length
1290	Super Race Rods - VW rod journal - 5.500" length
1291	Super Race Rods - VW rod journal - 5.600" length
2664	Super Race Rods - Chevy rod journal - 5.600" length
2665	Super Race Rods - Chevy rod journal - 5.500" length
2666	Super Race Rods - Chevy rod journal - 5.700" length
2667	Super Race Rods - Chevy rod journal - 5.325" length

SHORT RODS or LONG RODS?

The choice is yours, but modern engine builders know that longer rods make more power by reducing side load on the pistons. Long rods move the power band up the RPM scale because longer rods cause the piston to "dwell" longer in the vicinity of top dead center. This produces a cleaner burn of the

air/fuel mixture, and there is actually a longer period of time for the pressure created to press against the top of the piston. Rod ratios are an important part of engine design. The key factor is that pure-bred racing engines are equipped with the longest rods possible.

UNI-TECH Performance Rods

Race Level Quality at an Affordable Price!

Uni-Tech Performance Rods start life as brand new chromoly forgings. These are not re-manufactured stock rods. Uni-Tech Performance Rods are clearanced by design and can easily be installed in engines running strokes up to 82mm. Each rod is shot peened and finish honed to exact tolerances. Each rod is equipped with specially machined rod nuts to insure the proper clearance for use with stroker crankshafts. They can be used in stock engines or big bore stroker engines and are sold in balanced matched sets of 4.

1253	Uni-Tech Performance Rods - 5.500" (VW Rod Journal)
1254	Uni-Tech Performance Rods - 5.400" (VW Rod Journal)



**CHROMOLY FORGED
Uni-Tech Rods
are #1 in quality!**

Race Ready 94mm AA Cylinders & Wiseco Pistons

WISECO Pistons require additional clearance due to their design. Additionally, the hone finish on a standard AA Cylinder is not ideal for performance piston rings used on the Wiseco piston. CB Performance, in conjunction with Geoff Hart of Hart Performance and Machine, came up with the ideal hone finish and wall clearance for the Race Ready Cylinder. Each cylinder is precision honed using a torque plate, resulting in a perfectly straight cylinder once installed. We use a 480 grit hone finish for superior ring seal and break-in time.



- 1021 Race Ready 94mm AA Cylinders and WISECO Pistons (2 x 2 x 4 Ring Pack)
- 1022 Race Ready 94mm AA Cylinders and WISECO Pistons (1 x 1.2 x 2.8 Ring Pack)
- 1020 Race Ready 94mm AA Cylinders (CYLINDERS ONLY - NO PISTONS)

AA Cast Piston & Barrel Kit

This is a new set of VW Aircooled Type-1 Pistons and cylinders.

Each kit is complete with four pistons with rings, cylinders, wrist-pins and clips.

MACHINE WORK REQUIRED

*This kit does require machine work on the cylinder heads and case.



- 1023 AA Cast Piston & Barrel Kit (90.5 x 69mm)
- 1024 AA Cast Piston & Barrel Kit (90.5 x 82mm)
- 1025 AA Cast Piston & Barrel Kit (94 x 69mm)
- 1026 AA Cast Piston & Barrel Kit (94 x 82mm)

Wrist Pins & Wrist Pin Locks

Lightweight Wrist Pins are manufactured from L13 Tool Steel and are precision taper ground to ensure that each wrist pin is identical in weight. Replaces wrist pins in MAHLE Pistons 88mm thru 94mm.



True-Arc Wrist Pin Locks (#1030) securely retains your wrist pins under high RPM use. A must for any high performance engine.

- 1213 CB Lightweight Tool Steel Wrist Pins (set of 4)
- 1030 True-Arc Wrist Pin Locks (set of 8)

ARP 2000 Rod Bolts

ARP 2000 Rod Bolts are a superior choice for any person planning on pushing his/her car to its limits.



Designed from an exclusive hybrid-alloy to assure superior strength and far better fatigue properties. Although 8740 and 2000's share some similar qualities and characteristics, ARP 2000's are capable of clamp loads in the 215,000 to 220,000 psi range. In this strength level, stress corrosion and hydrogen embrittlement are typically not a problem, providing care and the proper torque is applied during assembly.

- 1260 ARP 2000 Rod Bolts - 5/16" (each)

Super Big Bore Piston & Barrel Kits

These Super Big Bore Kits are designed with close tolerance expansion characteristics for maximum compression and performance. Special thick wall cylinder design provides greater strength for use with hot fuel blends. Machine type Big Bore Kits have been used by long distance desert cars and drag strip machines. Two-strokes are available to fit 69mm and 82mm cranks.

Each kit contains: four barrels, pistons and hand fitted wrist pins. The rings supplied with each kit are high performance design.

92 and 94m Big Bores are designed for competition use and have close tolerance expansion characteristics for maximum compression and performance.

90.5-94mm Big Bore Kits require machining the cylinder heads and engine case before installation.



INSTANT HORSEPOWER!

THESE PISTONS ARE FORGED.

1046	Forged Piston & Barrel Kit (85.5 x 69mm)
1048	Forged Big Bore Piston & Barrel Kit (87 x 69mm)
1052	Forged Super Big Bore Piston & Barrel Kit (90.5 x 69mm)
1053	Forged Super Big Bore Piston & Barrel Kit (90.5 x 82mm)

1054	Forged Super Big Bore Piston & Barrel Kit (92 x 69mm)
1055	Forged Super Big Bore Piston & Barrel Kit (92 x 82mm)
1081	Forged Super Big Bore Piston & Barrel Kit (94 x 69mm)
1082	Forged Super Big Bore Piston & Barrel Kit (94 x 82mm)

Tapered Ring Compressors

Hard-Anodized and Teflon-coated for low friction and prolonged wear resistance.

Manufactured by Wiseco.



Size	85.5mm	87mm	88mm	90.5mm	92mm	94mm
Part#	6573	6574	6575	6576	6577	6578

Teflon Wrist Pin Buttons

A must in high performance VW engines! Standard VW wrist pin clips are small, fragile, and easily damaged during installation. Shipped in complete sets for one engine.



1083	85.5mm Teflon Wrist Pin Buttons
1084	87mm Teflon Wrist Pin Buttons
1085	88mm Teflon Wrist Pin Buttons
1039	90.5mm Teflon Wrist Pin Buttons
1040	92mm Teflon Wrist Pin Buttons
1087	94mm Teflon Wrist Pin Buttons
1033	Teflon Wrist Pin Buttons - for Lightweight Wrist Pins (94)

AA or MAHLE Barrels

These 94mm Barrels can be used as replacements or with other 94mm Pistons, like Wiseco, J.E., etc.

The MAHLE Barrels are the same barrels that are included in our Mahle Forged Piston & Barrel Kits.

Shipped in sets of four.



1034 AA Barrels - 94mm

1038 Mahle Barrels - 94mm

Cast Piston & Barrel Kits

Get more power in your VW with this new 1600cc Piston & Barrel kit. This kit can be used to convert your tired 13, 15 or 1600cc VW into a powerhouse! Special fin design runs cooler and increases engine horsepower.



Each kit is complete with four pistons with rings, cylinders, wrist pins and clips. All pistons are factory balanced and matched to the cylinder. **THESE PISTONS ARE CAST.**

1000 Moresa Cast Piston & Barrel Kit - 1600cc

1002 Mahle Cast Piston & Barrel Kit - 1600cc

Cast Big Bore Piston & Barrel Kits

The biggest of the Big Bore Kits that can be installed without cutting the case or heads! Increase the displacement of your 1500 or 1600cc VW engine.



Bolts right into any 1500 or 1600cc VW Engine without machine work. Our 87mm kit can be used on 1300cc engines with minor machining on the cylinder heads. **THESE PISTONS ARE CAST.**

1003 Mahle Cast Big Bore Piston & Barrel Kit - 87mm (slip-in)

Wiseco Forged Piston Set

- * Precision tolerance CNC machined for quality and performance.
- * Honed pin bore holes for a precise tolerance fit between piston pin and piston.
- * Complex piston skirt profiles that reduce power-robbing friction, yet promote stability in bore for optimum ring seal.
- * Precision machined ring grooves featuring excellent surface finish and flatness providing maximum ring seal and minimizes blow by and oil consumption.
- * The #1035 features a 2mm gas nitrided barrel faced top ring, 2mm Taper faced Napier cast iron 2nd ring, 4mm 3 piece oil assembly with stainless steel flex vent spacers and gas nitrided rails. The thicker rings offer the best protection against extreme heat produced by turbos.

1035 Wiseco Forged Piston Set - 94mm with 2 x 2 x 4 Ring Pack (set of 4)

1037 Wiseco Forged Piston Set - 94mm with 1 x 1.2 x 2.8 Ring Pack (set of 4)



**FORGED
FOR MAXIMUM
STRENGTH!**

CB High Performance Case Kit

We put this kit together with all the finest components available.

OEM oil pressure pistons, springs, socket style bypass plugs (non-OEM), main bearing dowel pins and an aluminum case block off plate really set this kit apart from the rest.



1278 CB High Performance Case Kit

Engine Hardware Kit

No need to run around spending valuable time and money looking for new hardware, this kit includes all the hardware necessary to assemble a long block except for the head nuts. We have even included copper locking exhaust nuts that will not come loose, even after years of use.



Does not include head nuts, which are available separately.

1901 Engine Hardware Kit (without Head Nuts)

Engine Case Washer Set & Lock Nut Kit

#1904 includes Six 12mm Washers and Eighteen 8mm Washers.

#1908 includes Twenty-Four 8mm Nylon Lock Nuts, Six 12mm Nylon Lock Nuts, and Eight 6mm Nylon Lock Nuts.



1904 Engine Case Washer Set

1908 Engine Case Lock Nut Kit

Shake-Proof Nut Kits

Includes head nuts & all nuts required to assemble short block.



1920 10mm - Shake-Proof Nut Kit

1921 8mm - Shake-Proof Nut Kit

Crankshaft Components

This Distributor Drive Gear Pinion Spring is OEM, which means you are getting a Top-Quality Part!

The Crankshaft Racer Spacer fits all 40hp. 1300 1500 and 1600 based engines.



1909 Distributor Drive Gear Pinion Spring - OEM

1919 Crankshaft Racer Spacer

Engine Case Bolts

These three bolts are used to keep your engine case halves mated properly.

8mm x 55mm.



1277 Engine Case Bolts - 8x55 (set of 3)

Piston Rings

Now available for high performance VW engines!

Competition proven piston rings have shown their merit at Pike's Peak, the Baja, and many other international events.

They are engineered to help eliminate blow-by in large bore VW engines. The top rings will withstand severe heat and give longer life under competition conditions. The second ring is designed to give torsional twist to help control oil at all engine speeds. These rings offer quick seating and side sealing qualities to back up the top compression rings.

The oil rings are engineered for maximum circumferential expansion and positive side sealing. The oil rings give top oil control with a minimum of drag.

Sold in complete engine sets only.



1056	Piston Rings (Type-1) 77mm 1200cc '54-64
1057	Piston Rings (Type-1) 77mm 1300cc '66
1058	Piston Rings (Type-1) 83mm 1500cc '67-70
1060	Piston Rings (Type-1) 85.5mm 1600cc '66-76
1063	Piston Rings (Type-1) 83mm 40hp Big Bore
1068	Piston Rings (Type-1) 15-1600cc Forged CIMA/MAHLE
1069	Piston Rings (Type-1) 90.5mm Forged CIMA/MAHLE
1071	Piston Rings (Type-1) 87mm 15-1600cc CIMA/MAHLE

1072	Piston Rings (Type-1) 92mm Forged CIMA/MAHLE
1075	Piston Rings (Type-1) 86mm Big Bore Porsche
1078	Piston Rings (Type-1) 94mm Forged CIMA/MAHLE
1061	Piston Rings (Type-4) 90mm 1700cc '72
1076	Piston Rings (Type-4) 93mm 1800cc
1077	Piston Rings (Type-4) 94mm 2000cc
1080	Piston Rings (Type-4) 96mm 1700cc

Wiseco Replacement Ring Sets

- Wiseco rings only fit Wiseco pistons
- Maintain their size and geometry for exceptional ring seal providing sustained peak performance in race applications.



1036	Wiseco Replacement Ring Set - fits 1 piston (1 x 1.2 x 2.8)
1041	Wiseco Replacement Ring Set - fits 1 piston (2 x 2 x 4)
1042	Replacement Wiseco Spiral Lox (1 pair)

TOTAL SEAL Pro Ring Set

Gapless Pro Ring Sets have 2 interlocking rings, designed to overlap and eliminate the old-tye ring gap. Lower leak down figures and less blow-by are the result of the special interlocking rings. **Pro Ring Sets include 2nd ring only!**



We recommend you also use Total Seals QUICKSEAT dry assembly lube.

Part#	1206	1207	1208	1209	1210	1211
Size	85.5mm	87mm	88mm	90.5mm	92mm	94mm

Rear Main Seal

Top quality seals are now available from CB.



- | | |
|------|--|
| 1940 | Rear Main Seal - 40hp VW Engine |
| 1941 | Rear Main Seal - 13, 15, & 1600cc |
| 1942 | Rear Main Seal - Type-4 914 & 2 Liter |
| 1943 | Front Main Seal - Type-4 914 & 2 Liter |

Gasket Sets



- | | |
|------|--|
| 1971 | Gasket Set - 40hp VW Engine |
| 1973 | Gasket Set - 13, 15, & 1600cc Dual & Single Port Engines |
| 1974 | Gasket Set - Type-4 - 1800cc/914 Engines |
| 1975 | Gasket Set - Type 4 - 1700cc/914 Engines |
| 1976 | Gasket Set - 2 Liter Engines |

QUICKSEAT Dry Assembly Lube



Quickseat is Total Seal's new dry film break-in compound that is applied to the cylinder walls prior to assembly. With the use of Quickseat, ring to cylinder bedding is almost immediate. When used in conjunction with Gapless rings, cylinder leakage rate is typically 0-1%.

Additionally Quickseat provides excellent piston to cylinder wall lubrication during the critical break-in operation.

- | | |
|------|-----------------------------|
| 1212 | QUICKSEAT Dry Assembly Lube |
|------|-----------------------------|

Engine Case Sealer



This is the same sealant used on factory VW aircooled engines. Provides a soft, pliable bond on engine case sealing surfaces. Loctite 518 Engine Case Sealer is oil and heat resistant and formulated for use on aluminum magnesium alloys.

- Preferred sealant for rigid metals flanges
- 1.69 Fl. Oz / Cont. 50 mL

- | | |
|------|----------------------------------|
| 3904 | Engine Case Sealer - Loctite 518 |
|------|----------------------------------|

Dowel Pins

Longer and stronger, to help hold your flywheel in place. Use the super, tough long-reach 8mm dowels to beef up your present crank before your high winding engine rips out the dowel. Just drill the crank dowel pinholes deeper and install. The larger diameter 11/32 dowel can be used to restore a crankshaft that has parted company with the flywheel.



- | | |
|------|--|
| 1415 | 8mm Extra Length Double Duty Dowel Pins (set of 8) |
| 1416 | 11/32 Extra Length Double Duty Dowel Pins (set of 8) |
| 1418 | Standard Length 8mm Dowel Pins (set of 4) |

Main Bearing Dowel Pins

They fit all 40hp through 1600cc engines to help hold your main bearings in position.

Use CB's factory fresh main bearing dowel pins to replace worn and misplaced parts.



- | | |
|------|--|
| 1424 | Main Bearing Dowel Pins (111-101-123) (set of 5) |
|------|--|

Main Bearings

Manufactured by OEM suppliers to exact factory standards. They are the duplicate of the originals in size. Sold in matched sets for perfect fit, long life, and like new performance.



CRANKSHAFT JOURNAL SIZES

(Main & Rod) 12, 13, 15 & 1600cc
Series VW Engines

MAIN BEARING O.D. SIZES

(Standard & Align Bore)
12, 13, 15 & 1600cc
Series VW Engines

Standard Size: 2.164"

- .010": 2.154" (0.25mm)
- .020": 2.144" (0.50mm)
- .030": 2.134" (0.75mm)
- .040": 2.124" (1.00mm)

Standard Size: 2.559"

- + .020": 2.579" (0.50mm)
- + .040": 2.599" (1.00mm)
- + .060": 2.619" (1.50mm)
- + .080": 2.639" (2.00mm)

Engine bearing sets are available in all popular sizes. Special align bore bearing sets are also available to fit rebuilt engine cases. Make certain of your year, model, and journal size when ordering engine bearings. Most crank grinders mark crankshafts during rebuilding. If in doubt to what size the crankshaft is, give us the measurement of the main and rod journals. We can then select the correct size for you.

Main Bearings (Type-1)

Part#	Case (O.D.)	Crank (I.D.)	Thrust
1804	STD	STD	STD
1805	STD	-.010"	STD
1806	STD	-.020"	STD
1832	STD	-.030"	STD
1831	STD	-.040"	STD

Align Bore Main Bearings (Type-1)

Part#	Case (O.D.)	Crank (I.D.)	Thrust
1807	+.020"	STD	STD
1808	+.020"	-.010"	STD
1809	+.020"	-.020"	STD
1810	+.020"	-.030"	STD
1812	+.040"	STD	STD
1813	+.040"	-.010"	STD
1814	+.040"	-.020"	STD
1815	+.040"	-.030"	STD

Align Bore Wide Thrust Main Bearings (Type-1)

Part#	Case (O.D.)	Crank (I.D.)	Thrust
1807w	+.020"	STD	.040" (1mm)
1808w	+.020"	-.010"	.040" (1mm)
1809w	+.020"	-.020"	.040" (1mm)
1810w	+.020"	-.030"	.040" (1mm)
1811w	+.020"	-.040"	.040" (1mm)
1812w	+.040"	STD	.040" (1mm)
1813w	+.040"	-.010"	.040" (1mm)
1814w	+.040"	-.020"	.040" (1mm)
1815w	+.040"	-.030"	.040" (1mm)
1817w	+.060"	STD	.080" (2mm)
1819w	+.060"	-.010"	.080" (2mm)
1820w	+.060"	-.020"	.080" (2mm)
1821w	+.060"	-.030"	.080" (2mm)
1816w	+.080"	STD	.080" (2mm)
1818w	+.080"	-.010"	.080" (2mm)
1822w	+.080"	-.020"	.080" (2mm)
1823w	+.080"	-.030"	.080" (2mm)
1824w	+.080"	-.040"	.080" (2mm)

Main Bearings (Type-4)

Part#	Case (O.D.)	Crank (I.D.)	Thrust
1850	STD	STD	STD
1851	STD	-.010"	STD
1852	STD	-.020"	STD

Align Bore Main Bearings (Type-4)

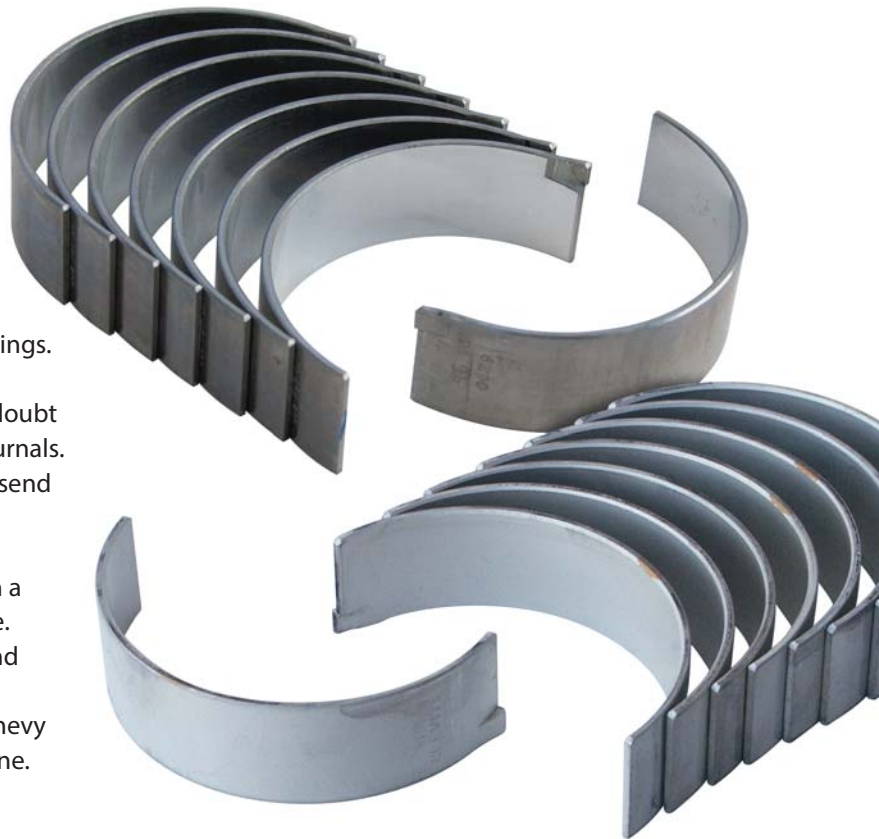
Part#	Case (O.D.)	Crank (I.D.)	Thrust
1833	+.020"	STD	STD
1837	+.020"	-.010"	STD
1838	+.020"	-.020"	STD

Rod Bearings

Manufactured by OEM suppliers to exact factory standards. They are the duplicate of the originals in size and material. Engine bearing sets are shipped in matched sets for perfect fit, long life and like new performance. Engine bearing sets are available in all popular sizes. Special align bore bearing sets are also available to fit rebuilt engine cases. Make certain to list year, model and journal size when ordering engine bearings.

Most crank grinders mark crankshafts during rebuilding. If in doubt to what size, give us the measurement of the main and rod journals. We can then ship you the correct size bearings. If time allows, send us your old bearings. We can check them for proper size.

Clevite Rod Bearings are made of a tri-metal construction with a steel backing, copper lead center and a soft alloy inner surface. Clevite bearings withstand the friction, dirt, wear, corrosion and heat that chew away at bearing and journal life. Clevite Rod Bearings are available to fit standard and undersize VW and Chevy rod journals. They are shipped in complete sets to fit one engine.



1865	Rod Bearings Type-1 (STD)
1866	Rod Bearings Type-1 (-.010")
1867	Rod Bearings Type-1 (-.020")
1834	Rod Bearings Type-1 (-.030")
1835	Rod Bearings Type-1 (-.040")
1855	Rod Bearings - Type-4, 1.7 & 1.8 Liter (STD)
1856	Rod Bearings - Type-4, 1.7 & 1.8 Liter (-.010")
1857	Rod Bearings - Type-4, 1.7 & 1.8 Liter (-.020")

1836	Rod Bearings - 2 Liter Porsche Engines - STD.
1874	Rod Bearings - 912 Porsche (STD)
1875	Rod Bearings - 912 Porsche (-.010")
1876	Rod Bearings - 912 Porsche (-.020")
2672	Rod Bearings - Clevite 77 Chevy Journals (STD)
2670	Rod Bearings - Clevite 77 Chevy Journals (-.010")
2671	Rod Bearings - Clevite 77 Chevy Journals (-.020")

Cam Bearings

The #1849 Racing Camshaft Bearing Set features double thrust shoulders provide an equal 360 degree base to aid in stabilizing the camshaft. The thrust shoulders also reduce friction and wear. Now available to fit all late 40hp, 1300, 1500 and 1600cc engines.

Camshaft Bearing Sets replace original parts to help restore oil pressure and quiet your engine. Shipped in complete sets to assure matched performance. Available to fit late 40hp through 1600 VW engines and Type-4 & 914 Porsche engines.



1849	Racing Camshaft Bearing Set
1880	Camshaft Bearing Set - fits 40hp-1600cc
1881	Camshaft Bearing Set - fits Type-4 & 914 Porsche

CB Pro Billet Alt/Gen Pulley Kits

The CB Pro Billet Alt/Gen Pulley Kit is a high quality part that is made of 6061 Billet, and is manufactured to be as close to OE look as possible.

Featuring correct backspacing, so it will not rub the Alternator. Each kit includes a Pulley Nut & Spacer, and 10 Shims for belt adjustment.



MADE IN THE USA!

- 1930 CB Pro Billet Alt/Gen Pulley Kit (Polished) **NEW!**
- 1931 CB Pro Billet Alt/Gen Pulley Kit (Black Anodized) **NEW!**

Billet Aluminum Alt/Gen Pulley

Made from 6061 T6, available in Chrome or Anodized Black, and includes 8 Shims for belt adjustment.

CB's Billet Aluminum Alt/Gen Pulley Hex Nut & Spacers are also available.



- 1912 Billet Aluminum Alternator/Generator Pulley (Chrome)
- 1914 Billet Aluminum Alternator/Generator Pulley (Black)

Chrome Plated 12v Alt/Gen. Pulley

Custom polished and chrome plated to add that finishing touch to your engine.

Can be used with all 12 Volt Generators and Alternators.



- 2162b 12 Volt Generator/Alternator Pulley (Chrome Plated)

12v Alt/Gen. Pulley

Replace your loose Generator or Alternator Pulley from OEM quality in black oxide plating.

If your pulley is worn or cracked, replace it before it breaks and fries your engine.

Shims included.



- 2164 12 Volt Generator/Alternator Pulley (OEM Quality)

Fan Belts

Fits upright VW engines.



- 2036 Fan Belt - Slightly wider than stock (10 x 900)
- 2039 Fan Belt - fits 5 3/4" Power Pulley (10 x 850)
- 2046 Fan Belt - fits 5 1/4" Race Pulley (10 x 825)
- 2047 Fan Belt - fits 6" Power Pulley (10 x 865)
- 2048 Stock Fan Belt - fits upright VW Engine (9.5 x 905)

CB Billet Pulley Nut

Fits our 1912 and 1914
CB Billet Alternator Pulleys.

Available in your
choice of Black,
Blue, Red or Silver.



2130	Black CB Billet Pulley Nut
2131	Blue CB Billet Pulley Nut
2132	Red CB Billet Pulley Nut
2133	Silver CB Billet Pulley Nut

Alternator Pulley Hex Nut & Spacer

Manufactured from 6061 T-6
Billet Aluminum and Anodized
to Mil Spec. Designed for use
with CB Billet Pulley Covers.



1870	Clear Billet Alum. Alternator Pulley Hex Nut & Spacer
1871	Black Billet Alum. Alternator Pulley Hex Nut & Spacer
1872	Red Billet Alum. Alternator Pulley Hex Nut & Spacer
1873	Blue Billet Alum. Alternator Pulley Hex Nut & Spacer

Solid Billet Pulley Cover

Fits 12 volt alt/gen pulleys
to provide added
strength and a
custom look.

Machined from
billet aluminum
and hard anodized.



1886	Solid Billet Pulley Cover (Black)
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Santana Style Billet Pulley Cover

Manufactured from 6061
T-6 Aluminum and
Anodized to Mil Spec.

Fits most
12 volt
Alt/Gen
pulley's.



Color	BLACK	BLUE	RED	SILVER
Part #	1891	1893	1892	1890

Alt/Gen. Pulley Nut & Spacer

Custom polished and chrome
plated to add that finishing
touch to your engine.

Fits most OEM Style pulleys.



2053	Chrome Plated Generator/Alternator Pulley Nut & Spacer
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Turbo Pulley Kit

Adds the finishing "Turbo Look"
to your Gen/Alt pulley.
Fits inside pulley to add
strength and beauty.

Looks great, increases
reliability, and slips right on.



2172	Turbo Pulley Kit (includes Turbo Cover & Pulley)
2189	Turbo Pulley Cover

Alternator Pulley with Cooling Fins

This Alternator Pulley with Cooling Fins was factory equipment on VW engines using Bosch AL82 Alternators. The fan blades help pull additional cooling air through the alternator to keep it cool, for a longer alternator life.

For use with Alternators.



2161 Alternator Pulley with Cooling Fins (Black) **NEW!**

2163 Alternator Pulley with Cooling Fins - Complete Kit **NEW!**

CB Complete Billet Pulley Kit

Features the following parts:

- Billet Santana Style 7" Crankshaft Pulley
- Chrome Plated Gen/Alt Pulley Nut & Spacer
- Santana Style Clear Billet Pulley Cover
- Extra Long Crank Pulley Bolt with Washer
- Stock Fan Belt
- Chrome Plated Gen/Alt Pulley
- Generator Pulley Shims (one pack).



2026 CB Complete Billet Pulley Kit

Mojave Green Fan Belt

This "PowerRated" Mojave Green Fan Belt is perfect for use with High-Revving applications when a stock fan belt just wont hold up.



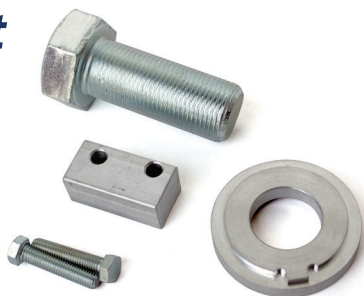
The Mojave Green Fan Belt is manufactured for industrial applications so it will not stretch or roll like many standard fan belts. Standard replacement V-Belt for stock size pulleys. Also available to fit 6" Power Pulleys.

2030 Mojave Green Fan Belt - fits 6" Power Pulleys **NEW!**

2033 Mojave Green Fan Belt - fits Stock Pulleys **NEW!**

Serpentine Belt Kit Adapter

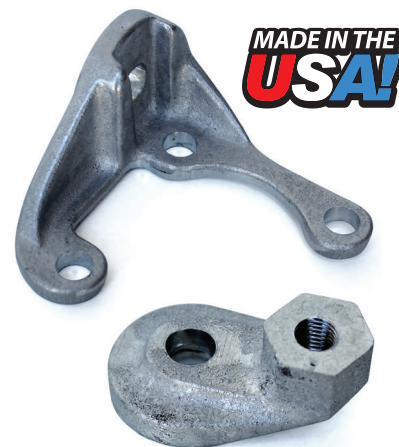
Serpentine Belt Kit Adapter for use with CB's Crank Trigger Ignition System.



1939 Serpentine Belt Kit Adapter for Crank Trigger

Replacement Serpentine Belt Parts

Replacement Serpentine Belt Bracket or Belt Tensioner, for use with CB Performance Serpentine Belt Systems.



2064 Replacement Serpentine Belt Bracket

2065 Replacement Serpentine Belt Tensioner

Serpentine Belt Systems

- CNC precision machined from a solid billet of T-6 Aluminum
- Timing Marks & Numbers at 0, 5, 10, 20, and 30 degrees
- Measures 7" in diameter
- Fits all upright, 1600-based air-cooled VW Engines

CB's Billet Serpentine Belt System stops the problems of broken Alt/Gen pulleys and thrown belts. The flat multi-grooved belt and idler pulley help reduce drag and lost power while increasing cooling efficiency and reliability. Serpentine Belts run with less noise and heat than old style V belts. The all NEW Billet Serpentine Belt System is easy to install. The belt tensioner bracket is held in position by the Alt/Gen stand base bolts, just bolt it on.

Serpentine Belts run silent, true, and outlast V belts many times over. Will not work when OE Mexico Alternator Stands are used, you must use a Stock style Alt/Gen Stand instead. ***Serpentine Belt Systems will not fit with stock fuel injection on late model bugs.***



Color	POLISHED	BLACK	BLUE	RED
Part #	1888	1888bk	1888bl	1888rd

1885	Replacement Serpentine Idler Pulley with Bolt & Nut
1889	Replacement Serpentine Belt
1896	Replacement Alternator Stand Nut for Serp. Belt System

SERPENTINE BELT SYSTEMS ARE ALSO AVAILABLE WITH SAND SEAL!

Serpentine Belt System with O.E. Style Pulley

- CNC precision machined from a solid billet of T-6 Aluminum
- Timing Marks & Numbers at 0, 5, 10, 20, and 30 degrees
- Measures 7" in diameter
- Fits all upright, 1600-based air-cooled VW Engines

CB's O.E. Style Billet Serpentine Belt System stops the problems of broken Alt/Gen pulleys and thrown belts while keeping the "stock" look. The flat multi-grooved belt and idler pulley help reduce drag and lost power while increasing cooling efficiency and reliability. The all NEW Billet O.E. Serpentine Belt System is easy to install. The belt tensioner bracket is held in position by the Alt/Gen stand base bolts, just bolt it on.

Serpentine Belts run silent, true, and outlast V belts many times over. Will not work when OE Mexico Alternator Stands are used. You must use a Stock style Alt/Gen Stand instead. ***Serpentine Belt Systems will not fit with stock fuel injection on late model bugs.***



1877	O.E. Style Pulley Serpentine Belt System (Anodized Black)
1878	O.E. Style Pulley Serpentine Belt System (Polished)

MST Serpentine Belt Systems



- CNC precision machined from a solid billet of T-6 Aluminum
- Timing Marks & Numbers at 0, 5, 10, 20, and 30 degrees
- Measures 7" in diameter
- Fits all upright, 1600-based air-cooled VW Engines

**Reduce Belt slip!
Operate Smoother!
Run Quieter!**

MST's Excalibur Serpentine Belt System features the same reliability and consistency of it's other Serpentine Belt Systems.

The pulleys are CNC machined from 6061-T6 aircraft quality aluminum to exacting tolerances. The idler assembly is designed with a knurl resistant face and comes with a high-RPM double row bearing. The MST system works with Alternators or Generators while delivering a 10-year track record of success and superior performance, EVERY TIME! Show off your Great-Looking engine to your friends.

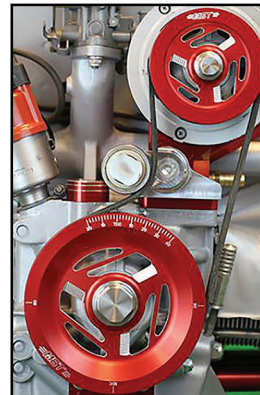
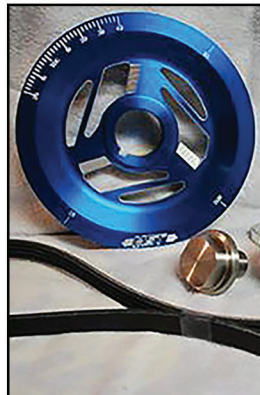
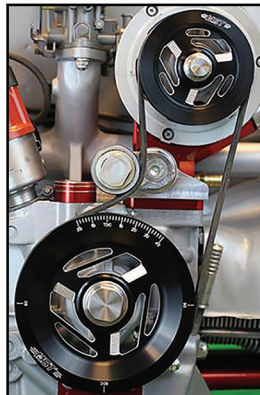
The MST Serpentine Pulley Assembly will deliver mile after mile of adjustment free performance.

Kit includes: Crank Pulley (with CNC etched timing marks), Alt/Gen Pulley, Idler Bracket Assembly with Bearing, Stainless Steel Crank Bolt and Alt/Gen Nut, 5-Rib Belt, Mounting Hardware, and installation instructions. Available in aluminum, black, red or blue finishes.

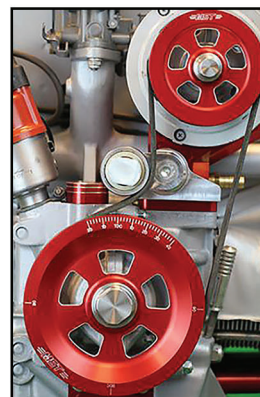
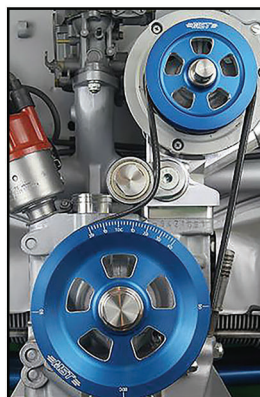
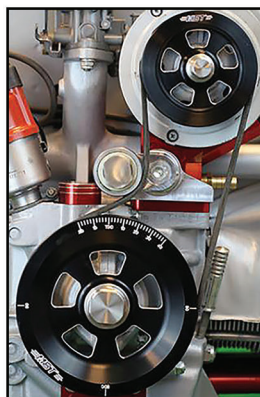
Serpentine Belt Systems will not fit with stock fuel injection on late model bugs.



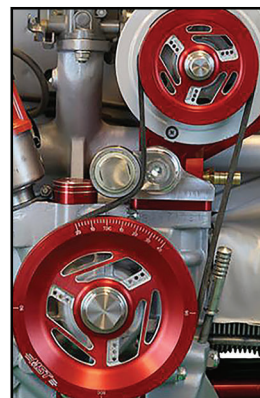
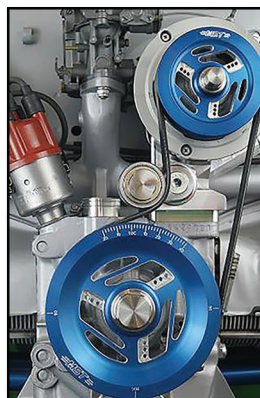
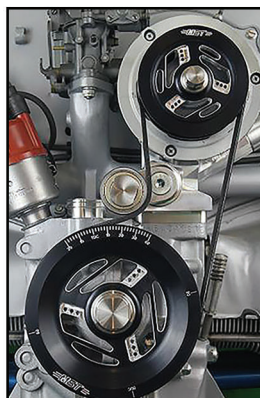
MST SERPENTINE BELT SYSTEMS ARE ALSO AVAILABLE WITH SAND SEAL!



- 9205 MST Serpentine Belt System - Excalibur Style (Black)
- 9206 MST Serpentine Belt System - Excalibur Style (Blue)
- 9207 MST Serpentine Belt System - Excalibur Style (Red)



- 9208 MST Serpentine Belt System - Renegade Style (Black)
- 9209 MST Serpentine Belt System - Renegade Style (Blue)
- 9210 MST Serpentine Belt System - Renegade Style (Red)



- 9211 MST Serpentine Belt System - Raptor Style (Black)
- 9212 MST Serpentine Belt System - Raptor Style (Blue)
- 9213 MST Serpentine Belt System - Raptor Style (Red)

7" Stock Replacement

An exact replacement part for use on upright 40 hp, 13, 15 & 1600 based engines.

Uses standard length fan belt. Can be used with factory and aftermarket engine cases.



1894 7" Stock Steel Replacement Crankshaft Pulleys

7" Stock Replacement

A chrome stock replacement pulley for use on upright 40 hp, 13, 15 & 1600cc based engines.

Uses standard length fan belt.

Can be used with factory and aftermarket engine cases.

The outside of the pulley is notched at 0, 7 and 12 degrees.



1902 7" Stock Replacement Crankshaft Pulley (chrome)

7" Billet O.E. Style

Manufactured from a solid billet of T-6 Aluminum, anodized black, with the original style of a stamped steel OEM pulley.

Manufactured by CB for Flat-4 to original VW specs and standards. You can keep your stock size fan belt and not worry about proper fit.

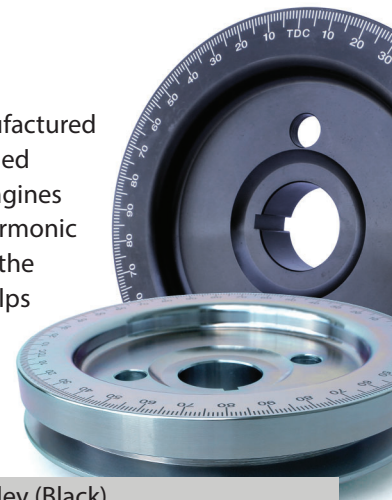


1887 7" Billet O.E. Style Crankshaft Pulley



7" Equalizer

Weights in at a full 6 lbs. and is manufactured from tough billet ring steel. The added weight helps absorb some of the engines harmonic vibrations, much like a harmonic dampener. Having more weight on the pulley end of the crankshaft also helps "Equalize" weight on both ends of the crankshaft, reducing crank twist on hard launches. 6 3/4" Diameter.



1905 7" Equalizer Crankshaft Pulley (Black)

1910 7" Equalizer Crankshaft Pulley (Silver Zinc Finish)

5 3/4" Billet Sand Seal

Made from 6061 T-6 aluminum and finished with mill spec anodizing, these pulleys will last a life time! The sand seal surface is made from solid stainless steel and all the timing marks and logo are CNC engraved into the pulley. Comes complete with a Pulley Bolt and Washer, Sand Seal, and Shim Kit.



1953 6" Billet Sand Seal Crankshaft Pulley (Clear Anodized)

1954 6" Billet Sand Seal Crankshaft Pulley (Black Anodized)

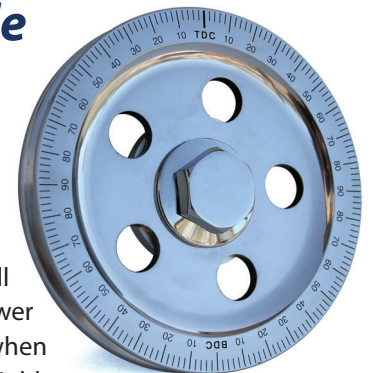
1955 6" Billet Sand Seal Crankshaft Pulley (Red Anodized)

1956 6" Billet Sand Seal Crankshaft Pulley (Blue Anodized)

6" Santana Style Power Pulley

Bolt on instant horsepower!

Easy to install and can be used on all sedans, Ghias, Vans and Buggies running Type-1 and 2 upright engines. Your engine will produce more useable horsepower without further modifications, when you install a power pulley. The highly accurate degree ring allows for precise timing for your engine.



1916 6" Santana Style Power Crankshaft Pulley

1911 6" Power Pulley Sand Seal Crankshaft Pulley Kit

7" Billet Santana Style Crankshaft Pulleys

Tired of Cheap Import pulleys offered by the other guys? CB Performance now offers the Santana Style Pulley crafted from 356 T-6, made in the USA at import prices. Hard anodized, available in Black, Black & Silver, Blue, Red or Polished Silver with laser etched timing numbers and CB Performance script.



1884 7" Billet Santana Style Crankshaft Pulley (Black & Silver)

1895 7" Billet Santana Style Crankshaft Pulley (Black)

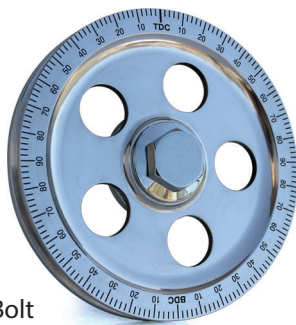
1897 7" Billet Santana Style Crankshaft Pulley (Blue)

1898 7" Billet Santana Style Crankshaft Pulley (Red)

1906 7" Billet Santana Style Crankshaft Pulley (clear)

7" Santana Style Crankshaft Pulleys

The Sand Seal surface utilizes a pressed on, micro-polished, stainless steel sleeve for a perfect seal. The seal and holder fit into a VW engine case without the need for machine work. Comes complete with a Chrome Pulley Bolt with Washer, Sand Seal, and a Pulley Shim Kit.



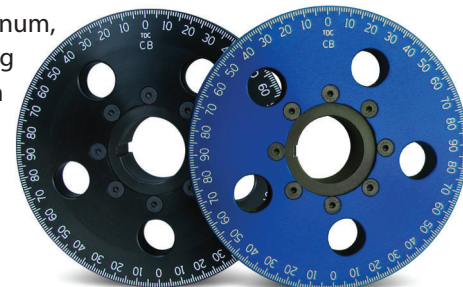
1899 7" Santana Style Crankshaft Pulley w/Sand Seal Kit (Black)

1917 7" Santana Style Crankshaft Pulley w/Sand Seal Kit

1900 Replacement Press-in Sand Seal & holder

6" Santana Style Billet Crankshaft Pulleys

Made of 6061 billet aluminum, anodized for a long-lasting finish, and machined with 360 degrees of timing marks - no more faded or disappearing degree rings!



2020 BLACK (with Steel Sand Seal Hub)

2021 BLUE (with Steel Reverse Groove Hub)

5 1/4" Crankshaft Drag Race Pulleys

Choose from 2 models to fit all drag race and dry sump applications. This pulley has been used on more drag engines than any other type of pulley! It's a 100% race ready billet pulley for use with or without a fan belt. Timing marks are silk-screened on each pulley.



**Designed for
the PURE RACER!**

1853 5 1/4" Crankshaft Drag Race Pulley - No Belt Groove

1854 5 1/4" Crankshaft Drag Race Pulley - Belt Groove

5 1/4" Crankshaft Sand Seal Drag Race Pulleys

Made of 6061 billet aluminum, anodized for a long-lasting finish, and machined with 360 degrees of timing marks - no more faded or disappearing degree rings! Available in Black, Blue, or Red. This pulley will clear all dry-sump oil pumps. NO BELT GROOVE!



1868 5 1/4" Sand Seal Drag Race Crankshaft Pulley (blue)

1869 5 1/4" Sand Seal Drag Race Crankshaft Pulley (red)

1907 5 1/4" Sand Seal Drag Race Crankshaft Pulley (black)

Stainless Steel Broached Crank Pulley Bolt

Our Stainless Steel Broached Crank Pulley Bolt is machined from 21-4N bar stock for strength and a clean custom look. We have made installation a breeze, your 3/8" drive ratchet fits directly into the broached hole. The large OD head provides more support for the pulley and eliminates the need for a washer.



2050 Stainless Steel Broached Crank Pulley Bolt (24mm long)

MST Stainless Steel Bolt & Nut Set



Machined from 303 Stainless Steel Bar and will work as a replacement for your current standard pulley nut and crank bolt set.

Features a built-in washer and measures 24mm long.



9204 MST Stainless Steel Bolt & Nut Set

Chrome Plate Engine Pulley Bolt & Washer

Puts the finishing touch on a show-winning engine.



2054 Chrome Plated Engine Pulley Bolt & Washer

Chrome Extra Long Crank Pulley Bolt with Washer

Extra Long Crank Pulley Bolts are needed when the use of pulley spacers or shims are used. The Extra Length insures that maximum thread count is achieved, keeping the pulley tight on the crank.



2051 Chrome Extra Long Crank Pulley Bolt with Washer

Crank Pulley Washer & Bolt

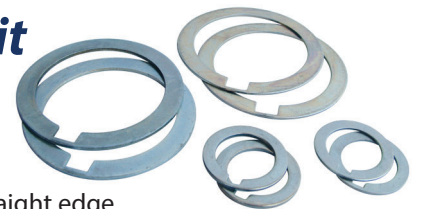


1935 Crank Pulley Washer - fits 1961-'75

1936 Crankshaft Pulley Bolt - fits 1961-'75

Pulley Shim Kit

The proper way to dial in your pulleys is to install the pulleys, check the actual vertical alignment with a straight edge and install the correct amount of pulley shims behind the pulleys. Our Pulley Shim Kits include special steel shims to fit the Alt/Gen. shaft and the main crankshaft. The shims, are in varying thicknesses to provide the adjustments needed to align just about any set of pulleys. A properly setup pulley should hang in there to over 7500 RPM. This kit features 2 large .045" Shims, 2 large .030" shims, 2 small .045" shims, and 2 .030" shims.



1915 Pulley Shim Kit

VW Heater Channel

Plays an important role in keeping your engine alive.

They create a smooth flow of air around the lower part of the cylinders, for added cooling. Can be used on all fresh air 40hp, 13, 15, & 1600cc upright engines.



3689 VW Heater Channel

Dual Port Cylinder Covers

Can be used on all 1600 based dual port engines.

This is the clean way to move on up to dual port cylinder heads.



1988 Dual Port Cylinder Covers - Black (set of 2)

1993 Dual Port Cylinder Covers - Chrome (set of 2)

Single Port Cylinder Covers

Fits all 13, 15, & 1600cc based engines with single port heads. This is your solution to rusted and bent cylinder covers.



1986 Single Port Cylinder Covers - Black (set of 2)

1997 Single Port Cylinder Covers - Chrome (set of 2)

Off-Road Dual Port Cylinder Covers

Cleanly trimmed of any unnecessary mounting flanges.

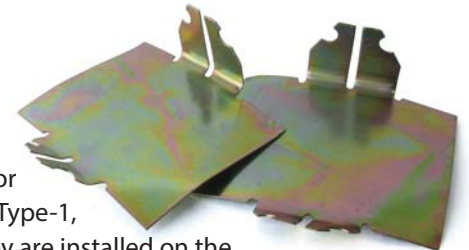


1984 Off-Road Dual Port Cylinder Covers - Black (set of 2)

1991 Off-Road Dual Port Cylinder Covers - Chrome (set of 2)

Deflector Plates

Stock Factory Deflector Plates are used on all Type-1, 2 & 3 VW engines. They are installed on the bottom side of the cylinders to force the cooling airflow around and through the fins. Installation is a must on every engine job.



1999 Deflector Plates (8mm) fits 13, 15, & 1600cc (set of 2)

1998 Deflector Plates (10mm) fits 13, 15, & 1600cc (set of 2)

Super Tin

You can lower the cylinder head and barrel temperature of your VW engine with installation of the new Super Tin. The Super Tin wraps snugly around the bottom of the cylinder fins and deflects an even airflow over all areas. Standard heat deflectors often create "hot spots" that can result in burnt pistons and warped barrels. Super Tin fits all 1600cc based engines and is shipped in sets of 2 to fit one engine. **NOTE: Not for use when using deflector plates.**



1987 Super Tin - Black (set of 2)

1989 Super Tin - Chrome (set of 2)

36hp Fan Shrouds

The early 36 hp fan shroud has many advantages over the later 1600 fan shroud.

They have a cleaner, less bulky look and provide additional room for the installation and tuning of dual carburetors.

The shrouds have been redesigned for added air flow, and increased cooling, and they accept the wider Super Beetle blower fan.

36 hp style fans can be used on 1500, and 1600 based engines with generators or alternators.

Several different models in black or chrome are available to fit your application, including the new Dog House model without fresh air heater outlets.



2688	36hp Fan Shroud (Black) Fresh Air
2689	36hp Fan Shroud (Chrome) Fresh Air
2694	36hp Fan Shroud (Black)
2695	36hp Fan Shroud (Chrome)

36hp Dog House Fan Shrouds

The early 36 hp fan shroud has many advantages over the later 1600 fan shroud.

They have a cleaner, less bulky look and provide additional room for the installation and tuning of dual carburetors.

The shrouds have been redesigned for added air flow, and increased cooling, and they accept the wider Super Beetle blower fan.

36 hp style fans can be used on 15, & 16 based engines with generators or alternators.

Several different models in black or chrome are available to fit your application, including the new Dog House model without fresh air heater outlets.



2690	36hp Dog House Fan Shroud (Black) Fresh Air
2691	36hp Dog House Fan Shroud (Chrome) Fresh Air
2693	36hp Dog House Fan Shroud (Black)
2696	36hp Dog House Fan Shroud (Chrome)

Fan Shroud to Cylinder Cover Spacers

These Aluminum Spacers fill the gap usually found when using 36hp fan shrouds.



2685	Fan Shroud to Cylinder Cover Spacers
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Fresh Air Block-Offs

If you have decided to bolt on a performance merged exhaust and scrap the heater boxes, these Fresh Air Block-Offs are an easy way to avoid having to change your fan shroud. They plug up the Fresh Air horns on your original fan shroud.



Sold in pairs.

2699	Fresh Air Block-Offs (one pair)
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6mm Engine Cover Screws

The special self-tapping design aids in re-running threads in aluminum cylinder heads, cases and steel cylinder covers. A heavy gauge washer is permanently fixed to each 6mm screw to aid in reducing engine vibrations and to help eliminate cracks in engine sheet metal. One set is required for each engine.



2156 6mm Engine Cover Screws (set of 12)

6mm Sheet Metal Screws

The special self-tapping design aids in re-running threads in aluminum cylinder heads, cases and steel cylinder covers. A heavy gauge washer is permanently fixed to each 6mm screw to aid in reducing engine vibrations and to help eliminate cracks in engine sheet metal. One set is required for each engine.



2136 6mm Sheet Metal Screws - Stainless Steel (set of 12)

Air Channel Kit

Hot air exiting the Dog House Oil Cooler is pushed out of the engine compartment through a port in the Bell Housing Cover. The two-piece air duct bolts to the front of the fan shroud. Available to fit European Style Dog House Shrouds.



Not compatible with Brazilian Low Profile Fan Shrouds.

2692 Air Channel Kit - Black (2 pieces)

2697 Air Channel Kit - Chrome (2 pieces)

Heater Hose

Replaces stock paper hoses and provides better airflow for increasing heater and defroster operation. Heater Hoses help give your engine a custom look, keep you warm, and are water and weather resistant. They are the perfect application for Baja Sedans, Bugs and VW Vans. They are flexible, and simplify the installation of high performance exhaust systems.



1982 German Heater Hose - 42" Black (one hose)

1985 Heater Hose - 36" Aluminum (one hose)

Hose Clamps & Couplers

Manufactured from stainless steel to provide good looks and trouble free service.

Features easy installation with hex socket or Screw-driver. Stainless steel clamps are not affected by hot fuels or engine oils and will not rust or corrode.



3807 Heater Hose - 2 1/4" Fresh Air Hose Clamp

3808 Hose Clamps - Fresh Air - 2"

3803 Heater Box to Heater Hose Coupler Clamp (each)

Dash Vent & Defrost Hoses

Replace the cracked or missing hose under your hood and get those fresh air vents working with this heavy duty Dash Vent Hose. 32mm x 580mm Fits Type-1 '66-79

Original German replacement defroster hose to keep your windows clear on those frosty mornings. 26mm ID x 900mm Long Fits Type-1 '63-79, Type-2 '63-71 & Ghia '63-72



1980 Dash Vent Hose (32 x 580mm)

1983 Defrost Hose (26 x 900mm)

Total Cal-Look Model



Without fresh air vents or near riser cut-outs. The total Cal-Look normally includes dual carbs and heater box replacement pipes. Dual Quiet Pak Mufflers are used for street driving with a quick change over to a Megaphone for drag and competition events.

- 1957 Total Cal-Look Model - Black
- 1957c Total Cal-Look Model - Chrome)

Fresh Air Cal-Look Model



Has outlets for heater hoses but does not have cut-outs for heat risers. This model is used for dual carb fresh air motors and is the most popular style for all weather driving.

- 1959 Fresh Air Cal-Look Model - Black
- 1959c Fresh Air Cal-Look Model - Chrome

Standard Fresh Air Model



Has cut-outs for heat risers.

Does not have warm air inlet for carburetor.

- 1960 Standard Fresh Air Model - Black
- 1960c Standard Fresh Air Model - Chrome

Cal-Look Model



Without fresh air inlets, but has heat riser cut outs. This model is most often used with a single carb running full heat risers for better cold weather driving. Most center section manifolds require the use of heat riser tubes as added support. The cut outs provide easy assembly of all heat riser tubes.

- 1961 Cal-Look Model - Black
- 1961c Cal-Look Model - Chrome

Engine Breast Plate

Fits snugly to the rear of the engine to provide a seal to help keep road grime, off-road trash and engine heat under the car.



Used to change over late model sheet metal with warm air pick-up in breast plate for cleaner more efficient Cal-Look Sheet Metal.

- 1962 Engine Breast Plate - Black
- 1962c Engine Breast Plate - Chrome

Dog House Bell Housing Cover



SPANS THE FRONT FLYWHEEL-END OF THE ENGINE.

Aids in sealing the engine compartment from road dust. Hot air exiting the Dog House Oil Cooler is pushed out of the engine compartment through a port in the Bell Housing Cover. The two-piece air duct bolts to the front of the fan shroud.

- 2686 Dog House Bell Housing Cover - Black
- 2687 Dog House Bell Housing Cover - Chrome

Chrome Plate Alt/Gen Backing Plate

Custom polished and chrome plated. Can be used with all 12 Volt Generators and Alternators.



2157 Chrome Plated Generator/Alternator Backing Plate

12 Volt Sheet Metal

This 3 piece 12 volt Sheet Metal Kit allows you to freshen up the looks in your engine compartment, for a great price!

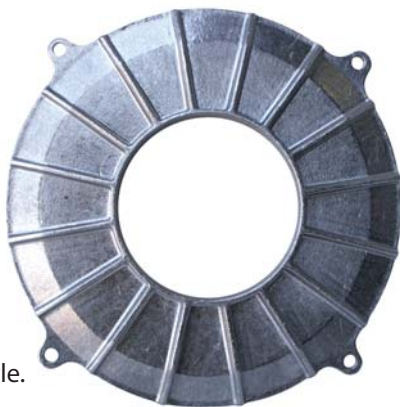


2158 12 Volt Sheet Metal (3 pieces)

Turbo Fan Cover Backing Plate

Looks like it's going 200 miles an hour parked at the curb. It fits over the stock fan cover to clean up your engine. Can be used on all 12 volt Generators or Alternators.

It's a great dress up goodie manufactured in True Turbo Style.



2175 Turbo Fan Cover Backing Plate

Turbo Fan Mount Backing Plate

Eliminates stock fan sheet metal to brighten up your engine compartment. Not just a "cover" but a stronger than stock replacement fan mount with deep aluminum fins. Can be used on all 12-volt upright engines.



2177 Turbo Fan Mount Backing Plate

Cylinder Cover Heat Deflectors (set of 2)

Cylinder Cover Heat Deflectors are shipped in sets of 2.

They provide a smooth flow of air around the rear of number 2 and number 4 cylinders for better cooling and push the heated air downward and away from the engine. Engines running without heat deflectors will often overheat the rear cylinders.



1994 Cylinder Cover Heat Deflectors (set of 2)

CB Billet Dip Sticks

Our billet 6061 CNC engraved dip stick adds style and functionality to your engine compartment.

Get one today and keep your oil in check!



2178	CB Billet Dip Stick (Clear Anodized)
2184	CB Billet Dip Stick (Blue Anodized)
2185	CB Billet Dip Stick (Red Anodized)
2186	CB Billet Dip Stick (Black Anodized)

Replacement Dip Sticks

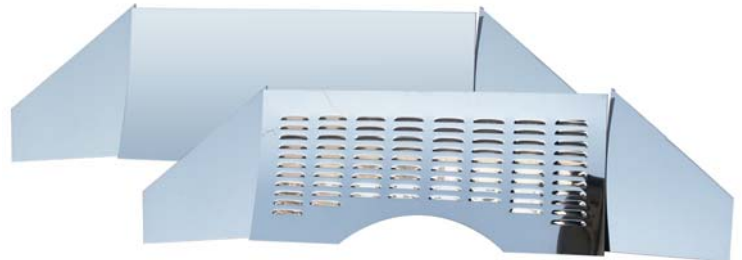


Standard Length Dip Sticks are available in chrome or Black . Use the extra long model in Baja Bugs and Dune Buggies to keep from burning your arm on the high rise exhaust pipes.

Order yours now to help keep your oil in check.

2176	Standard Length Dip Stick (Chrome)
2179	Extra Long Chrome Dip Stick
2190	Standard Length Dip Stick (Black Anodized)

S/S Firewalls



Dress up your engine compartment! Install a stainless steel firewall cover for safety and show car looks. Choose from plain or louvered models that slip right in for a total custom look.

5991	Stainless Steel Firewall - Polished (3 pieces)
5992	Stainless Steel Firewall - Polished with Louvers (3 pieces)

Oil Filler & Draft Tube

Here are some final touches to finish a show-winning engine.



1952c	Oil Filler & Draft Tube - Chrome Plated
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Chrome Plated Oil Cap

Add a little BLING to your engine compartment.



1777	Chrome Plated Oil Cap
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Oil Filler Breather Box Kit

Internally baffled to separate engine oil blow-by and return it to the oil into the crankcase. Special threaded oil filler has O-ring seal. Adding oil is a snap in Sedans and VW Vans. Vent your valve covers, crank-case, install a vented fuel pump return and run a vented road pipe for maximum engine breathing.

Fits all upright VW engines.

1771	Oil Filler Breather Box Kit
1764	Oil Filler Cap - Threaded
1774	Oil Filler Breather Box Replacement Gland Nut
1775	Replacement O-ring and Seal for Oil Filler Breather Box

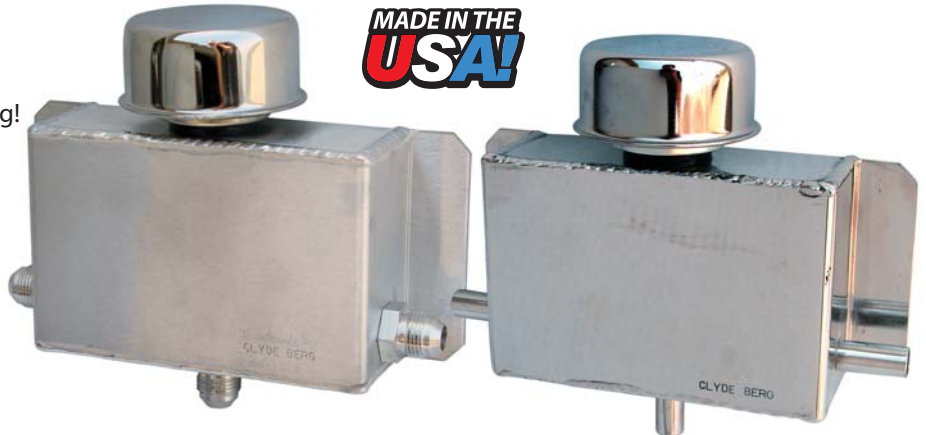


Clyde Berg Breather Box

Handmade, signed & serial numbered by Clyde Berg!

FEATURES:

- Manufactured from 190 6061 Aluminum
- Chrome Breather Vent
- Three XRP #8 Nipples or Slip-on hose fittings
- Flanged on both ends for easy mounting
- Brushed or Polished Finish.
- Measures 7 3/4" x 6 5/8" x 2 1/4"



1659	#8 AN Fittings (Brushed)
1660	#8 AN Fittings (Polished)

1661	1/2" Slip On Hose Fittings (Brushed)
1662	1/2" Slip On Hose Fittings (Polished)

Crankcase Breather Box Kit

Eliminate oil loss and blow-by, not the breather tube. Many high-winding VW engines need an additional crankcase ventilator. Crankcase pressure caused by blow-by can result in oil loss and destroyed engines. Using proper air cleaners, your engine will run clean and free of contaminants, even in the roughest conditions, and terrain.



1754	Crankcase Breather Box Kit
1773	Clear Plastic Vent Hose (5 feet)

Squareback Breather Box

Now you can have a custom, good-looking Breather Box that gives you the type of oil control never before available on a Squareback engine. The four tapered openings can be used to vent the engine to the air filters, valve covers, or a road tube. It has an internal foam filter that helps return the oil to the engine and helps you keep a cleaner engine.



1753	Squareback Breather Box
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Late Model VW Cooling Fan (Welded)

We start with a wide Late Model Cooling Fan, and strengthen it with spot-welds on every tab. This creates a stronger part, that will last years longer while tolerating higher RPM's.

Replaces all '71 & later Dog House fans on upright T-1 & 2 VW engines.

This fan measures at 37mm, 6mm wider than standard VW fans, and is required for use with all set-back or 'Dog House' fan shrouds.



2171 Late Model VW Cooling Fan (Welded)

Oil Cooler Fan

Blow off those BTU's with the Electric Warrior. It fits right in to your Full Flow or your Oil By-Pass Oil System to reduce your oil temperature and allow you to use that big engine extra power. The Electric Warrior can be attached to any oil radiator (heat exchanger) and uses only 4 amps to do the job. Each fan includes mounting hardware.



1721 Oil Cooler Fan - The Electric Warrior (12 volt)

Cooling Fan

The cooling fan is one of the most critical and overlooked parts of your VW engine. VW fans often reach speeds as high as 12,000 RPM. Don't rely on a used, worn and possibly out-of-round fan to get the job done on your next high-performance engine. Factory new fans are now available with late model cooling fins to help reduce noise, cavitation and improve cooling. Measuring at 31mm wide.



2167 Cooling Fan, '57-'70 fan housings (stock, alum, fiberglass)

Drag Race Cooling Fans

One of the best kept secrets of the racing pro's.

Engines that are run at excessive temperatures will lose horsepower with resulting damage to the pistons, rings and barrels. If you're running the quarter mile without a cooling fan, you're asking for trouble. Includes two Cooling Fans.



2813 Cooling Fans - Drag Race

Cooling Fan Mounting Hardware Kit

If damaged or broken cooling fan hardware is used, there are chances of major damage occurring to surrounding parts and expensive down time.

Be certain your engine's cooling fan is secured properly with good hardware. Kit contains everything needed to properly mount and secure the cooling fan.



2168 Cooling Fan Mounting Hardware Kit

Electric Warrior Oil System

The Electric Warrior features a 16 pass oil cooler and 10" swept design electric fan. The Electric Warrior will cool any size engine and can be mounted anywhere space permits. Billet aluminum brackets provide a moderm show car look. They are clear anodized to eliminate road dust and salt erosion. The cooling tubes are manufactured from 1/2" aluminum tubing. The complete heat exchange assembly is powder coated matte black for added protection and for visual enhancement. The Electric Warrior uses less than 10 amps. For added efficiency the fan can be switched on/off with a temperature sensor located in the oil system. Shipped with an electric fan heat exchanger assembly, high pressure oil hoses, oil by-pass adapter, oil filter bracket and hose clamps. **4.875" Tall, 16" Long, 10" Wide**



1737 Electric Warrior Oil System (Bypass style)

1749 Electric Warrior Oil System (Full Flow style)

Maxi-Cool 16 pass Oil Cooler w/Fan

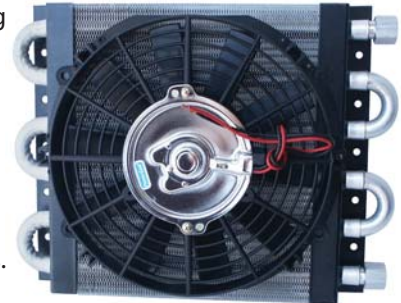
16 passes of full size 1/2" copper tubing and a Turbo Electric Fan provides the quality of cooling needed for serious driving. Your engine will hang in there during heavy stop and go city traffic or while you're blasting down the freeway.



1717 Maxi-Cool 16 pass Oil Cooler w/Fan

Maxi Cool 6 Pass Oil Cooler

Oversized 5/8" aluminum tubing is equipped with Patented Internal Turbulator™ Fins to improve cooling. Features thin line design and rugged construction. The Patented Turbulator™ provides more efficient cooling than all other oil coolers. Equipped with a 500 CFM Fan Module. The cooling fins are closely spaced and feature 100% welded construction. **3.75" Tall, 14" Long, 10.5" Wide**



1716 Maxi Cool 6 Pass Oil Cooler w/Fan (3/8" FPT Tube Ends)

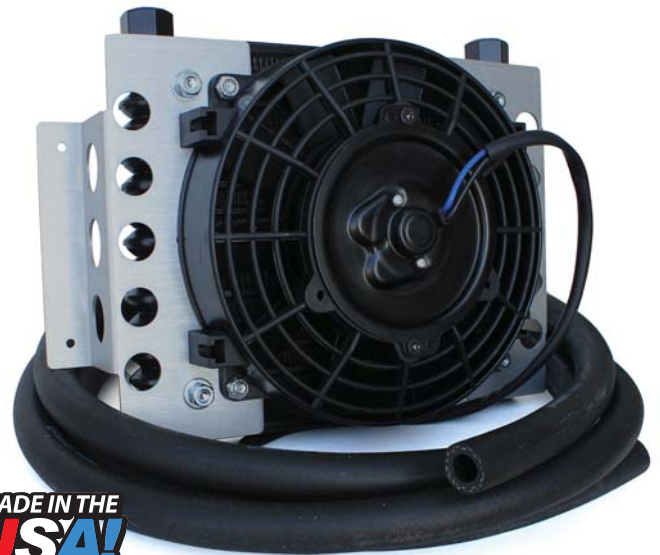
Thermostatically Controlled Atomic Cooler Kit

Provides the largest temperature drop of any fan mounted oil cooler! The fin and plate design minimizes pressure drops even with high viscosity oils. The attached electric fan provides optimum heat extraction regardless of mounting location.

The #1670 Kit comes equipped with AN-8 male fittings. Also included is an 180°F in-line thermostat to activate the electric fan, 10 feet of oil hose, and a complete installation kit. The #1689 is the Remote Oil Cooler Only.

1670 Thermostatically Controlled Atomic Cooler Kit

1689 Compact Atomic-Cool Remote Oil Cooler



Hi-Flow Racing Remote Oil Cooler

CB Performance is proud to introduce the newest addition to DERALE's remote cooler lineup. This 18 Row Hi-Flow Racing Oil Cooler is precision TIG welded and features the most efficient tube design in the aftermarket, which supports up to 350 PSI with minimal pressure drop. Mounted 8" Electric fan is IP68 certified (Water/Dust Proof) and designed to do its best under the most strenuous conditions. Perfect for everything from Drag racing to Off-Road.

Uses (2) #3880 Aluminum Cooler/Adapter Fittings (-8AN x -7/8-14 O-ring), Sold Separately.



1670 Thermostatically Controlled Atomic Cooler Kit

Thin Line Oil Cooler

It's tough and rugged and can be mounted under the car. The Thin Line is only 1 1/2" thick and fits where others don't. The 96 plate construction provides excellent reduction of engines BTU's. The compact 1 1/2" x 11" x 11" size allows you to mount this super cooler with or without the Electric Warrior. Just get the Thin Line in the air stream and it'll reduce your oil temps.



1729 The Thin Line Oil Cooler

180° Oil Thermostat

As the fluid temperatures exceed 180° F the thermostatic valve closes, allowing 95% flow through the oil cooler. At temperatures below 180° F, the valve is open, with 90% of the oil bypassing the cooler. The remaining 10% of the oil flows through the cooler, maintaining constant system pressure, preventing air pockets and eliminating cold oil shock. Uses a 3/8" Pipe - 1/2" Hose.



1724 180° Oil Thermostat

In-Line Automatic Thermostat

Automatic electric fan controller attaches to the inlet port of the oil cooler. Activates the electric fan when the fluid temperature reaches 180 degrees F, and shuts the fan off when the fluid temperature reaches 170 degrees F.



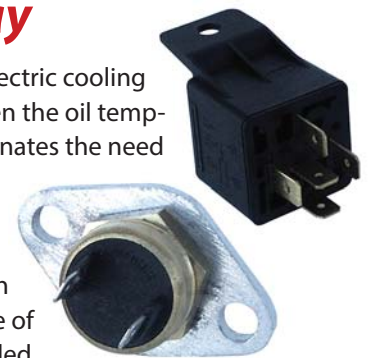
For use with A/N or push-on hose style tube ends.

1690 In-Line Automatic Thermostat

Cooling Fan Thermostat Switch and Relay

Automatically switches on any electric cooling fan such as the Road Warrior when the oil temperature reaches 180°, which eliminates the need for continuous operation of your engines electric cooling fan.

A mounting plate is supplied with each Cooling Fan Switch. The use of a 12-volt relay is also recommended to reduce the load on the fan switch.



1719 Cooling Fan Thermostat Switch and Relay

Oil Coolers

Choose from our new Oil Coolers to fit Type-1s or Type-4s, that will bolt right on to replace worn and defective OEM parts. Don't gamble with questionable oil coolers, install a brand new model today!



- 1722 Oil Cooler - fits all Type-4 1700-2000cc
- 1726 Oil Cooler - Type-1 & 2 (fits 1961-70)
- 1727 Oil Cooler - Type-1 & 2 (fits 1971 - later)
- 1728 Oil Cooler Seal - Early to Late (each)
- 1740 Oil Cooler Adapter (fits 1971 - later)

Oil Cooler Kits

The #1725 Standard hose fittings provide a safe permanent connection for high-pressure oil lines (not recommended for use in race-cars, but perfect for use in VW Sedans, Buses and Dune Buggies. The #1723 is equipped with special aircraft design AN hose fittings, which allow for fast disconnect of oil hoses. **3.5" Tall, 16" Long, 6" Wide.**



- 1723 Racing Oil Cooler Kit - fits upright VW engines
- 1725 Maxi Standard Oil Cooler

Dog House Oil Cooler Assembly

Includes a #1740 Oil Cooler Adapter, a #1727 Oil Cooler and installation hardware.



- 2698 Dog House Oil Cooler Assembly

Oil Cooler Sealing Tin (aka Hoover Bit)

The missing link is here! This is the most forgotten part of most engine builds. The Hoover Bit helps ensure that all of the hot air coming from your oil cooler is directed away from the engine. Some aftermarket shrouds will require modification to make this fit properly.



Fits Type-1 '71-77 & Type-2 '71 Doghouse style shrouds.

- 1743 Oil Cooler Sealing Tin (aka Hoover Bit)

Oil Cooler Bypass Kit

Allows complete removal and bypass of stock VW and Porsche oil coolers. Hoses can be attached to relocate oil cooler and filter in just about any position. Kit includes aluminum casting, bolts, brass fittings and rubber gasket seals. Kit can be installed on all upright VW engines.



- 1730 Oil Cooler Bypass Kit

Oil Cooler Block Off Plate

Used to replace standard oil cooler when using dry sump system. Used on many off-road racecars, dune buggies and even street machines running full dry SUMP oil systems. Also used on drag strip engines to eliminate bulk and excess weight.



Fits all 40hp through 1600 engines.

- 1733 Oil Cooler Block Off Plate
- 1787 Oil Cooler Bypass Gasket

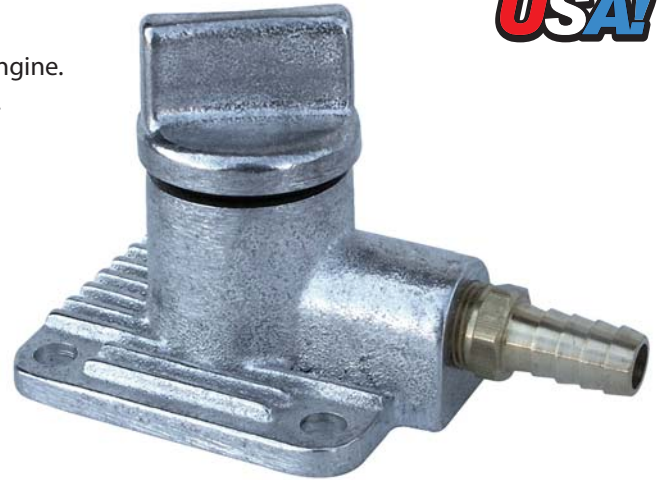


Oil Filler & Crankcase Vent

Here's the way to eliminate your generator stand, add oil, and vent your engine. It's the perfect part for drag strip machines and alky burning off-road cars. The cap screws into precision threads and seats on an O-Ring to seal the oil in, and the dirt out.

The CB Crankcase Vent is manufactured from an aluminum casting and machined to accept the oil filler and vent tube.

It can be used on all 40hp, 13, 15 and 1600cc engines.



1744 Oil Filler & Crankcase Vent

Hi-Tech Oil Fillers

Manufactured from a solid aluminum bar to give your engine that Hi-Tech aerospace look.

Features screw-on threads with O-ring seal. Shipped pre-tapped for connection to breather box or vent tube. For use on all upright engines.



- 1763 Hi-Tech Oil Filler with Billet Cap
- 1776 Hi-Tech Oil Filler with Black Plastic Cap
- 1784 Angled Neck Hi-Tech Oil Filler with Billet Cap (Aluminum)

Stock Oil Filler & Accessories

Looking for hard to find VW oil tower basic parts?

We have them in stock and ready to bolt on.



- 1950 Oil Cap - Stock VW
- 1951 Oil Filler Gland Nut (same as 113-115-495)
- 1952 Oil Filler & Draft Tube
- 1952c Oil Filler & Draft Tube - Chrome Plated

Uni Vent

Designed for racing, but trick enough for show. Push it on and clamp it down to provide extra added breathing for the crankcase or valve covers.

Permanent lifetime and cleanable.

Fits 1/2" barbed fitting.



1768 Uni Vent

Barbed Swivel Connector

For use with 1/2" hose. Sold Individually.



1751 Barbed Swivel Connector (each)

Oil Filter Mount

This CNC machined Oil Filter Mount is machined from billet aluminum, laser etched and anodized for long lasting good looks. Thread is 3/8" NPT.

Available in your choice of Anodized Clear, Black, Blue or Red.

- 1646 Oil Filter Mount (Clear) **NEW!**
- 1647 Oil Filter Mount (Black) **NEW!**
- 1648 Oil Filter Mount (Blue) **NEW!**
- 1649 Oil Filter Mount (Red) **NEW!**



Oil Filter Header Mount

- CNC machined from 6061 aluminum
- Laser etched for long lasting good looks
- Machined relief on the back of the mount clears any welding at the header flange.



- 1839 Oil Filter Header Mount (Clear) **NEW!**
- 1840 Oil Filter Header Mount (Black) **NEW!**
- 1841 Oil Filter Header Mount (Blue) **NEW!**
- 1842 Oil Filter Header Mount (Red) **NEW!**

Remote Oil Filter Adapter Mount

Allows you to mount a Full Flow Oil Adapter under the fender!

It's made of Stainless Steel, and attaches with the included bumper bracket bolts (hardware included).

Fits Type-1 Sedans '56-73



- 1718 Remote Oil Filter Adapter Mount - Under Fender

Oil Hose Clamp

The perfect solution for burned hoses when running a full flow oil system. The Claw mounts to the #4 Cylinder exhaust studs, keeping the oil hoses secure and away from hot exhaust tubing.

The claw is CNC machined from 6061-T6 Aluminum and Anodized to Mil Spec in three colors. ***Will not work with heater boxes.**



- 3894 The Claw Oil Hose Clamp by Chico Performance (Black)
- 3895 The Claw Oil Hose Clamp by Chico Performance (Red)
- 3896 The Claw Oil Hose Clamp by Chico Performance (Blue)

Racer Oil Filter Mount

Here's the super trick set up for mounting your oil filter. Fits on the exhaust studs to provide a secure mount for your spin on filter.

You can use it with a full flow or by-pass installation.

It's precision cut from .250" plated steel. It's easy to install on dune buggies or sedans and tucks the filter up out of the way. Pre-drilled holes fit a variety of oil filter mounts, including BERG and the Remote Oil Filter Adapter. ***Will not work with heater boxes.**



- 1705 Racer Oil Filter Mount

MAHLE Oil Filter

All oil filters feature a new improved gasket design to insure sealing and longevity. The outer shell is constructed from heavy gauge steel to withstand many times the normal operating oil pressures and temperatures. The inner multi-pleated filter is designed to trap the smallest particles and remove them from the engine.



1703 MAHLE Oil Filter

High Performance Oil Filter

Fram's HP Series filters are just for performance and racing use. The spin-on filters can trap very small micron-sized particles that cause most engine wear. All filters have an anti-drainback valve with a maximum flow rate.



1801 H.P. Oil Filter (fits adapter with 3/4" 16 threads)

SYSTEM-1 Billet Oil Filters

Used by some of the biggest names in drag racing. The SYSTEM-1 filter uses a 45 micron cleanable element. You will never have to replace your filter again!

With a cleanable element, you will be able to monitor the amount of contaminants in your oil, unlike paper filters. Strong cast aluminum housing with double O ring seal. The SYSTEM-1 filter is a must for any high performance VW engine.

The SYSTEM-1 Billet Spin-on Oil Filters feature dual O-ring grooves and comes with 2 universal mounting inserts to fit most 3 3/4" diameter X 3 3/4" long short filter applications with 13/16-16 or 3/4-16 threads. Flows 28 G.P.M.



Available in 2 sizes:
3 3/4" or 5 3/4" tall.

1741 System 1 Filter (3.75" Tall)

1742 System 1 Filter (5.75" Tall)

WIX Racing Oil Filter

This high performance racing oil filter is manufactured using T-71 racing media that lowers restriction & increases horsepower.

It's rated at 28 GPM flow, has an 8-11 PSI bypass, and an anti-drain back valve to keep the oil where it belongs.

3.6" Base diameter, 5.17" Height, and 3/4 x 16 Thread.



1655 Wix Racing Oil Filter

Oil Filter Relocation Adapter

Convert your T-4 to remote oil cooling and filtering. Installation is easy; spin off the filter, install the relocation adapter, and connect two hoses. Oil can be routed to remote mounted filters and oil coolers without modifying the engine. The relocation adapter is manufactured from die cast aluminum and CNC machined for a precision fit. Includes O-ring and instructions. **Fits T-4/914 Engines only!**

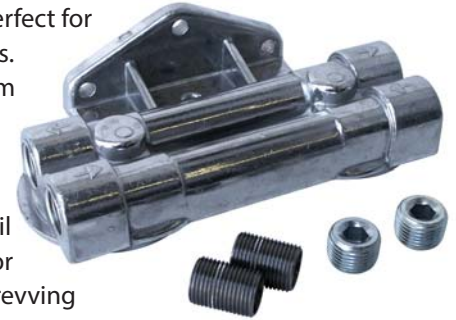


1731 Oil Filter Relocation Adapter - Type 4

Dual Oil Filter Mount

Twice the filtration and perfect for use with high viscosity oils. This is high flow, maximum filtration at it's best.

Uses standard Ford spin on filters. Your choice of oil flow direction and ideal for use on severe duty, high-revving engines. Oil Filters are available seperately.



1800 Dual Oil Filter Mount

Wafer Adapter Oil Filter Mount

This highly versatile adapter allows you to route oil to your Oil Cooler and fits easily between your Maxi Pump 2 and the oil filter.



1735 Wafer Adapter Oil Filter Mount

Remote Oil Filter Adapter

Oil filtration is a vital part of any high-performance engine. You can locate your VW oil filter in just about any position with this handy unit.

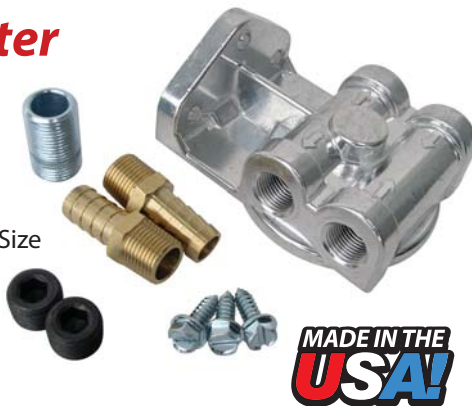
Accepts popular Ford type filters that are available in just about any size.



1732 Remote Oil Filter Adapter

Remote Oil Filter Adapter

- Allows oil filter to be remote mounted anywhere
- Left / Right Side Ports
- 3/4"-16 Engine Thread Size
- 2 1/2", 2 3/4" Filter Landing
- 3/8" NPT x 1/2" Hose Barb Fittings Included



1734 Remote Oil Filter Adapter (w/Dual Side Ports)

FRAM Style Oil Filter Kit

FLAT 4 Original 50's, 60's style Fan housing mount style oil filter is now available. As seen on early OKRASA and PORSCHE 356 engine.

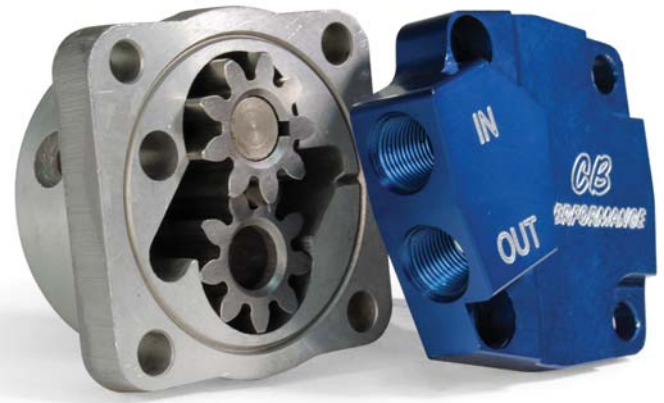
Oil filter mounting bracket comes with 4 holes to mount it on the fan housing. You can also use the original ignition coil mount location for one of the bracket holes.



1699 Flat4 Fram Style Oil Filter Kit

Maxi 26 & 30 Full Flow Oil Pumps

Provides a way to operate your engine "Full Flow" without the inconvenience and cost of drilling and tapping your engine case. Manufactured with large 3/8" inlet and outlets for unrestricted, high volume oil flow. The aluminum alloy used in manufacturing the housing matches the temperature characteristics of the engine case to help reduce leaks and oil loss. Keyed 9 tooth 26mm or 30mm drive gear and blue-printed specs help provide an oil system that will greatly reduce oil temperature and increase engine life.



Maxi 30 Full Flow Oil Pump (with 3/8" outlet)

Color	Black	Blue	Red
(Up to '70)	1551	1552	1553
('71-later)	1554	1555	1556

Maxi 26 Full Flow Oil Pump (with 3/8" outlet)

Color	Black	Blue	Red
(Up to '70)	1590	1591	1592
('71-later)	1597	1598	1599

Maxi 26 & 30 Full Flow In & Out Oil Pumps

Engineered like our other Maxi series pumps with a die cast, blue-printed housing and pressure chamber. The Maxi 26 / Maxi 30 housing is designed to be used as a full flow pump, so no need to install a plug. The 26mm / 30mm drive gear is keyed to the shaft so you never have to worry about slipping a gear. The anti-cavitation design insures 100% of the oil will make it out of the T-6 billet, large 3/8" outlet cover, to whatever you have between the pump and engine block. With features like 30mm 9 tooth gears and a 3/8" outlet this is the highest volume pump in the line-up, and it looks good too!



Maxi 30 Full Flow In & Out Oil Pump

Color	Black	Blue	Red
(Up to '70)	1859	1860	1861
('71-later)	1862	1863	1864

Maxi 26 Full Flow In & Out Oil Pump

Color	Black	Blue	Red
(Up to '70)	1582	1583	1584
('71-later)	1585	1586	1587

Billet Full Flow Style Oil Pump Covers

- CNC Machined from 6061 T-6 Billet Aluminum
- Full Flow Outlet
- Drilled & Tapped for 3/8" NPT



1846	Billet Full Flow Style Oil Pump Cover (Black Anodized)
1847	Billet Full Flow Style Oil Pump Cover (Blue Anodized)
1848	Billet Full Flow Style Oil Pump Cover (Red Anodized)

Billet Oil Pump Covers

CNC Machined from 6061T-6 Aluminum. Designed to fit most Oil Pumps, as well as all CB Maxi Pump 1's.



1821	Billet Oil Pump Cover (Black Anodized)
1822	Billet Oil Pump Cover (Blue Anodized)
1823	Billet Oil Pump Cover (Red Anodized)
1824	Billet Oil Pump Cover (Clear Anodized)

The OIL PUMP that helps your engine MAKE POWER!

4 Gear Dry Sump Oil Pump

Bolts into any Type-1 engine case without drilling, tapping or machining!

Connect the pressure lines to a filter, cooler and a dry sump pump and you'll have a professional 100% full flow oiling system that will free up engine RPM, reduce engine temperature, and help control crankcase blow by. Whether you've got racing on your mind or just cruising down a winding road, a 4 Gear Dry Sump System will give you the high-end performance that you desire. Designed to fit Type-1 upright applications.

1745bk 4 Gear Dry Sump Oil Pump (Black Anodized)

1745bl 4 Gear Dry Sump Oil Pump (Blue Anodized)

1745cl 4 Gear Dry Sump Oil Pump (Clear Anodized)

1745rd 4 Gear Dry Sump Oil Pump (Red Anodized)



For use with 3 bolt camshaft

Heavy Duty Oil Pumps

Increase your engines oil pressure by 30% and lower the operating temperature with an easy to install heavy-duty oil pump. The gears in this pump are a full 1" long (1/4" longer than stock) and will help your engine run cooler longer. Fits perfectly, no drilling or tapping required. Just bolt it on. Can be used on all VW engines '61 or later. Available with 6mm or 8mm mounting holes. '68 & later use 8mm mounting holes. This pump is often used to help restore the oil pressure to 40hp engines with worn cam journal supports.

1710 Heavy Duty Oil Pump - 6mm bolts

1711 Heavy Duty Oil Pump (26mm Gears) 8mm bolts fits to 1970

1720 Heavy Duty Oil Pump (30mm Gears) 8mm bolts fits 1971-later

111-115-107ak Heavy Duty Oil Pump (30mm Gears) 8mm bolts fits to 1970



Full Flow 30mm Oil Pumps

Full 30mm gears, aluminum housing and manufactured by the top name in VW oil pumps - SCHADEK.

Available in long and short models to fit traditional full flow applications in T-1 engines. For use with Full Flow Style Billet Oil Pump Covers. 90° Return Fitting. **Sold Separately.**

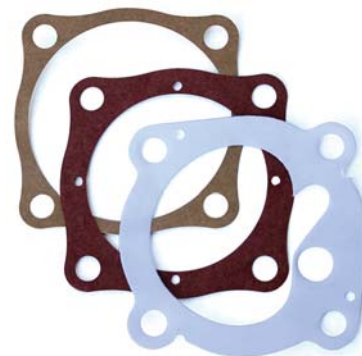


1788 Full Flow 30mm Oil Pump (early short shaft)

1789 Full Flow 30mm Oil Pump (late long shaft)

Replacement Oil Pump Gaskets

Sold separately, or all three in one kit.



1794 Replacement Gasket Kit for CB's Dry Sump Oil Pumps

1797 Oil Pump Base Gasket Type-4

1802 Maxi Pump Face Plate Gasket (Type-1, 2, 3 & 4)

1803 Oil Pump Base Gasket (Type-1, 2, & 3)

Original Quality Oil Relief Kit

This kit includes an upgrade with two Oil Pressure Relief Plugs that utilize an 8mm Allen Wrench to install them (much easier to install than the slotted screwdriver style). The kit is finished off with two copper sealing rings, both the long and short OEM Oil Relief Springs, and two pistons to maintain original spec oil pressure. For use in a Dual Oil Relief Engine Case.



1230 Original Quality Oil Relief Kit **NEW!**

Oil Cooler Relief System

Factory designed oil plungers and springs can cause un-cooled oil to be routed directly to the engine bearings. You can help cure your oil control problems with the installation of an Oil Cooler Relief System.

Includes a special spring and oil plunger. The spring controls relief piston positioning in the bore. You can do it in 5 minutes with only a screwdriver.



1766 Oil Cooler Relief System - fits 1961-'69

1767 Oil Cooler Relief System - fits 1970-later

High Pressure Oil Hose

The High Pressure Oil hose supplied by CB is pressure tested to 300 lbs. It will resist heat and pressure under most all extreme conditions. Available in all lengths. Fits all Oil Coolers and Oil Pumps supplied by CB. Stainless Steel Oil Line Hose Clamps are not affected by hot fuels or engine oils and will not rust or corrode.



1748 High Pressure Oil Hose (1/2" ID) ***SOLD BY THE FOOT***

3806 Oil Line Hose Clamp - 1/2"

Oil Pressure Relief Bypass Plug

These are the latest style Oil Pressure Relief Plugs and use a 8mm Allen Wrench to tighten.

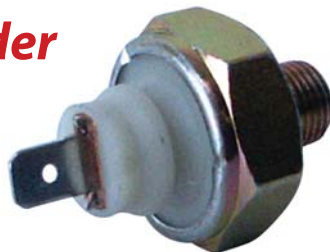
Much easier to install and tighten than the old slotted type.



1279 Oil Pressure Relief Bypass Plug

Oil Pressure Sender

This oil pressure sender grounds the idiot light circuit, which indicates that your oil pressure has dropped below 2.5 psi.

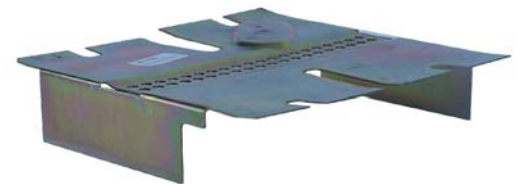


2303 Oil Pressure Sender

High Rev Windage Tray

Helps to keep your oil where it belongs. A stock VW engine has only 2 3/4 quarts of oil. Hard turns, quick stops and fast acceleration causes the oil to surge away from the pick-up tube. Results: no oil for those vital bearing surfaces and often a blown engine.

For better cooling and higher RPM slip in a CB windage tray. A small cost for big protection.



1760 High Rev Windage Tray

Oil Pumps are the most overlooked part of an engine. It doesn't make sense to put big bucks and time into an engine and then tack on just any old off-brand oil pump. CB's **MAXI PUMPS** are the only VW Oil Pumps that have the main drive shaft locked to the pump gear with a wedge key. They can't slip or lose oil pressure. The driven gear runs on a shouldered shaft that locks it firmly in place. It can't be forced through the pump body and jam against the cam gear as with cheaper oil pumps.

- Manufactured by an OEM supplier
- Features full size 26mm gears.
- Assembled with closer tolerances than stock pumps
- Provide increased oil pressure during low speed operation.
- Slips right in and increases the life of your engine.
- TUV Quality Certified to ISO 9001:2008

Maxi Pump 1

Perfect for street, off-road and competition.

The die-cast blue-printed housing features a "pressure chamber" to help provide a constant flow of oil. The added volume and anti-cavitation features of the Maxi 1 make it the top choice for use with external oil cooler and filter systems.



1795	Maxi Pump 1 (up to '70)
1796	Maxi Pump 1 ('71 & later)
1829	Maxi Pump 1 - 914/Type-4

Maxi Pump 2 *Filters 100% of your oil all of the time!*

It guarantees total filtration of all engine oil before it reaches the bearings. Increases engine life while lowering engine temperature. Features a die cast aluminum alloy pump housing pre-set to racing specs.



1791	Maxi Pump 2 - w/Filter Mount (up to '70)
1792	Maxi Pump 2 - w/Filter Mount ('71 & later)
1703	Maxi 2 Spin-Off Filter

Maxi Pump 3

The ULTIMATE VW Bug or Bus Oil Pump!

It was designed to solve oil flow and cooling problems on '68-71 VW bugs, vans or buses. It fits between your engine case and the rear mount and provides both outlet and inlet for unrestricted oil flow. The Maxi pumps feature die cast pump housings.



1798	Maxi Pump 3 - Full Flow In & Out (up to '70)
1799	Maxi Pump 3 - Full Flow In & Out ('71 & later)
1830	Maxi Pump 3 - Type-4

Maxi Pump 4 *Provides "Full Flow" oiling for your engine.*

With the Maxi 4 you can mount your filler and cooler in most any location. The 9 tooth gears and anti-cavitation design of the Maxi 4 will provide adequate flow of oil to handle the biggest engines going. The blueprinted pump housing is manufactured from a die casting to assure proper expansion rates to match the engines case during peak operating temperature. Can be installed without drilling or tapping the engine case.

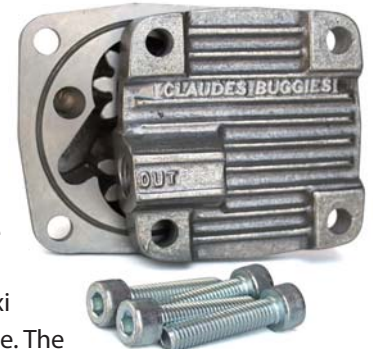


1785	Maxi Pump 4 - Full Flow In & Out (up to '70)
1786	Maxi Pump 4 - Full Flow In & Out ('71 & later)

Maxi Pump 5

A "FULL FLOW" Oil Pump in the traditional style.

A single outlet is located on the pump face to route oil to the cooler and filter. Features the same 9 tooth gears, "pressure chamber" and blue-printed housing as all Maxi pumps. From uprights to late buses, the increased volume and anti-cavitation features of the Maxi series will really get the job done. The engine case must be drilled and tapped for return oil flow.



1778	Maxi Pump 5 - Full Flow (up to '70)
1779	Maxi Pump 5 - Full Flow ('71 & later)

CB Performance Oil Sumps

Adds Extra Oil Capacity to your Engine!

- Cast from heat-treated 356 A aluminum for added strength and durability.
- Shipped complete with all hardware.



Thin Line Oil Sump

11" W
10 1/2" L
1 7/8" D
Adds 1 1/2 Quarts

Ultra Wide Glide Sump

15 1/2" W
11" L
2 3/4" D
Adds 4 Quarts

Super Deep Oil Sump

11" W
10 1/2" L
4 3/4" D
Adds 4 Quarts

Wide Glide Oil Sump

16" W
11" L
1 7/8" D
Adds 2 Quarts

Extends only 2" below your engine case. The front of the Thin Line Sump features a ram air profile to force air between the engine case and sump for even greater cooling.

Designed to hold twice the capacity of the Wide Glide Sump, and maintain maximum ground clearance! Cast of 356 Aluminum and featuring 1/2" Tapered Cooling Fins.

An easy bolt on for all VW Buses running 40hp, 13, 15 & 1600cc based engines. Can be used on many types of flat track racing machines but is too deep for use on street sedans.

Get increased oil capacity and cooling. The tapered cooling fins are a full 1/2" deep to provide increased heat dissipation and reduced oil temps.

1770	Thin Line Oil Sump (Adds 1 1/2 Quarts)
1706	Ultra Wide Glide Oil Sump (Adds 4 Quarts)
1761	Super Deep Oil Sump Kit (Adds 4 Quarts)
1708	Wide Glide Oil Sump (Adds 2 Quarts)
1709	Wide Glide Oil Sump (Adds 2 Quarts) w/Maxi Lifetime Hi-Flo Filter



Thin Line Filter Sump

Filters 100% of your engine oil, 100% of the time!

You get added capacity, improved cooling and most of all 100% filtration before the oil reaches the main bearings. Nothing does it like CB's Thin Line Filter Sump.

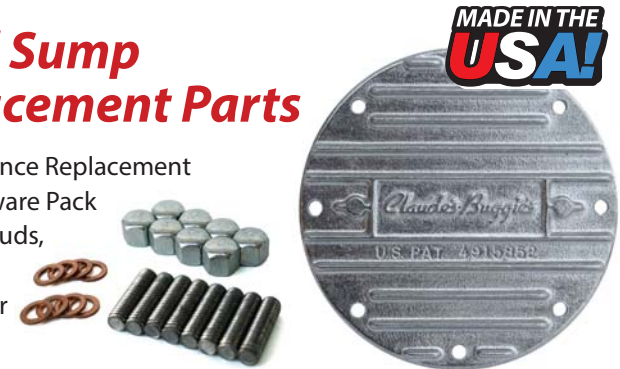
11" L x 10 1/2" W x 1 7/8" D



1738	Thin Line Filter Sump (1 1/2" Quart) w/Maxi Lifetime Hi-Flo Filter
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CB Oil Sump Replacement Parts

CB Performance Replacement Sump Hardware Pack includes 8 studs, 8 acorn nuts and 8 copper washers.



1762	Replacement Oil Sump Hardware Pack
1765	Replacement Oil Sump Drain Plate (Drain Plate Only)
1769	Replacement Oil Sump Drain Plate Gasket
1793	Oil Change Kit for CB Oil Sumps

Billet Drain Plate Covers

Add the finishing touch to your engine with a New Billet Drain Plate Cover. Available in your choice of Black Anodized or Polished. Includes Drain Plug, Crush Washer, 6 small washers and a drain plate gasket.

Fits all standard VW T-1, 2, & 3 engine cases.



MADE IN THE USA!

- | | |
|------|---|
| 6666 | Billet Drain Plate Cover - Black Anodized |
| 6671 | Billet Drain Plate Cover - Polished |

MST Oil Sump Cover Plates

CNC machined from 6061-T6 Billet Aluminum

Designed to replace your stamped, steel version and maintain that great stock look.

Flat, precision machined and NO Leaks!

Available in Black, Blue, Clear or Red Anodized.

- | | |
|------|--|
| 9220 | MST Oil Sump Cover Plate w/Hardware (Black Anodized) |
| 9221 | MST Oil Sump Cover Plate w/Hardware (Blue Anodized) |
| 9222 | MST Oil Sump Cover Plate w/Hardware (Clear Anodized) |
| 9223 | MST Oil Sump Cover Plate w/Hardware (Red Anodized) |



MADE IN THE USA!

Oil Change Kit

Fits all 40hp, 13, 16 and 1600cc engines.

Drain Plate may be black or cad-plated.



- | | |
|------|---------------------------|
| 1780 | Oil Change Kit - Complete |
| 1781 | Oil Change Kit |
| 1782 | Oil Strainer |
| 1783 | Bottom Drain Plate |

Magnetic Drain Plug

Catch ferrous metal debris BEFORE it wreaks havoc in your engine!

The original style drain plug has been upgraded with a rare earth magnet. We also include the original crush washer for a perfect seal.



- | | |
|------|---------------------|
| 1759 | Magnetic Drain Plug |
|------|---------------------|



Straight Female to Female Flare Swivel

Part#	Size:	Use Hose:	Use Male Flare:
3875	-4	-4	-4
3876	-6	-6	-6
3877	-8	-8	-8
3878	-10	-10	-10



Non-Swivel Hose End: Straight

Part#	Size:	Use Hose:	Use Male Flare:
3845	-4	-4	-4
3847	-6	-6	-6
3848	-8	-8	-8
3849	-10	-10	-10



Flared Tee

Part#	Size:	Use Hose:	Use Female Flare:
3870	-4	-4	-4
3871	-6	-6	-6
3872	-8	-8	-8
3873	-10	-10	-10



Double Swivel Hose End: 45°

Part#	Size:	Use Hose:	Use Male Flare:
3850	-6	-6	-6
3851	-8	-8	-8
3852	-10	-10	-10



Flared 90° Elbow

Part#	Size:	NPT Size:	Use Female Flare:
3879	-8	3/8	-8



Double Swivel Hose End: 90°

Part#	Size:	Use Hose:	Use Male Flare:
3853	-6	-6	-6
3854	-8	-8	-8
3855	-10	-10	-10



Male Flare to NPT Pipe Adapters

Part#	Size:	NPT Size:	Use Female Flare:
3828	-4	1/8	-4
3829	-4	1/4	-4
3830	-6	1/8	-6
3831	-6	1/4	-6
3832	-6	3/8	-6
3833	-6	1/2	-6
3834	-8	1/4	-8
3835	-8	3/8	-8
3836	-8	1/2	-8
3837	-10	3/8	-10
3838	-10	1/2	-10
3839	-10	3/4	-10



Double Swivel Hose End: 120°

Part#	Size:	Use Hose:	Use Male Flare:
3856	-6	-6	-6
3857	-8	-8	-8
3858	-10	-10	-10



Double Swivel Hose End: 150°

Part#	Size:	Use Hose:	Use Male Flare:
3859	-6	-6	-6
3860	-8	-8	-8
3861	-10	-10	-10



Double Swivel Hose End: 180°

Part#	Size:	Use Hose:	Use Male Flare:
3866	-6	-6	-6
3868	-8	-8	-8
3869	-10	-10	-10



XRP Hose Finishers (Econo Hose Ends)

Part#	Size:	Color:	Part#	Size:	Color:
3818	-4	Red	3819	-4	Blue
3820	-6	Red	3821	-6	Blue
3822	-8	Red	3823	-8	Blue
3824	-10	Red	3825	-10	Blue

XRP Vise Jaw Inserts



Made from soft aluminum and they prevent damaging hose ends while assembling them to the XRP Stainless Hose. Can also be used for other items held in the vise that may get damaged from rough steel vise jaws. **Sold in Pairs.**



For use with XRP Quick Disconnect Performance Plumbing.

3798 XRP Vise Jaw Inserts (set of 2)

Straight Push-On Aluminum Hose End (#6)



3874 XRP - #6 Straight Push-On Aluminum Hose End

XRP Pro-Series Double End Wrenches



Designed and manufactured for use on XRP hose ends and fitting to prevent damage and marring the fitting surface.

Made from 6061 T-6 Billet Aluminum & anodized to mil-specs.



3795 XRP Double End Wrench Fits -3 and -4 Fittings (black)

3796 XRP Double End Wrench fits -6 and -8 fittings (blue)

3797 XRP Double End Wrench fits -10 and -12 fittings (red)

XTREME Performance S/S Braided CPE Hose

Though it's usually described as "beautiful", the fact that it's lightweight, flexible, fuel, oil and fire resistant, is often overlooked. You've seen it in professional racecars, boats, aircraft and industrial applications because it's the best Steel Braided Line available. We now offer Steel Braided Line and Couplings that greatly reduce installation problems. All that it is required for installation is a hacksaw to cut the Steel Braided Line, a couple of end wrenches to tighten the couplings and a screwdriver if the new Quick Fit Hose Ends are to be used.



**IT'S AS EASY AS
INSTALLING REGULAR
HOSE LINES**

Part#	Size:	Length:	Part#	Size:	Length:
3810	-4	6 ft.	3811	-4	10 ft.
3812	-6	6 ft.	3813	-6	10 ft.
3814	-8	6 ft.	3815	-8	10 ft.
3816	-10	6 ft.	3817	-10	10 ft.

TYPICAL SIZE & APPLICATION FOR VW USE

- #4: Turbo Feed Line / Turbo Boost Line / Vacuum Line
- #6: Fuel Lines
- #8: Fuel Lines / Remote Oil Filter or Cooler Lines
- #10: Dry Sump / Remote Oil Filter or Cooler Lines

Universal Case/Type-3 Oil Block Off Plate

For use with universal or T-3 engine cases to block off the oil filter hole on engine case. Made of lightweight billet aluminum and anodized to one of four colors.

Adds a custom look to your VW engine.



1746	Universal Case/Type-3 Oil Block Off Plate (Black)
1747	Universal Case/Type-3 Oil Block Off Plate (Blue)
1757	Universal Case/Type-3 Oil Block Off Plate (Clear)
1758	Universal Case/Type-3 Oil Block Off Plate (Red)

Alum. Cooler/Adapter Fitting

O-ring male adapters made from aluminum with a black anodized finish. Manufactured by DERALE Performance.

- AN aluminum adapter fitting
- Ideal for DERALE Stacked Plate coolers



3880	Alum. Cooler/Adapter Fitting (-8AN x -7/8-14 O-ring)
3881	Alum. Cooler/Adapter Fitting (-10AN x -7/8-14 O-ring)

XRP Flare w/Crush Washer

2 required per pump, for use w/-8 A/N fittings or Barbed Swivel Fittings.

Sold Individually.



1750	XRP - M16 x 1.50 to -8 AN Flare w/Crush Washer - Alum
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Maxi Filter Oil Sump

The Maxi Filter has 168 sq. inches of filtration area - that's 25 times more than a stock VW oil screen! It traps harmful metal and carbon particles before they reach the engine bearings, meaning your engine will run cleaner and cooler. You can clean your filter as often as required to remove sludge and acid build-up. Installation is as easy as changing your oil - just remove your stock oil plate and screen, then slip in the Maxi Filter and bolt on the mini sump. A special one-way pressure relief valve assures continual flow of oil if the filter becomes clogged with sludge or goo. Shipped complete and ready to install with Filter Sump, filter, by-pass valve, gaskets & seals. Can be installed on all 40hp, 13, 15, & 1600cc based engines.



BOLTS RIGHT ON, TO FILTER OIL 100% OF THE TIME!

1756	Maxi Filter Oil Sump
1739	Replacement Maxi Lifetime Hi-Flo Filter
1755	Maxi Lifetime Hi-Flo Filter Update Kit

Brass Fittings

CB has a large selection of Brass Fittings for your application.



- 3930 Internal Hex Head Plug 1/8" NPT
- 3931 Internal Hex Head Plug 1/4" NPT
- 3932 Internal Hex Head Plug 3/8" NPT



- 3933 Street Tee 1/8" NPT
- 3934 Street Tee 1/4" NPT



- 3935 Tee 1/8" NPT
- 3936 Tee 1/4" NPT
- 3941 Tee - Female to 1/4" Pipe Male



- 3942 Brass Fuel Tee - 5mm
- 3943 Brass Fuel Tee - 7mm



- 3966 3/16" Hose x 1/8" - 27 NPT
- 3967 1/4" Hose x 1/8" - 27 NPT
- 3968 1/4" Hose x 1/4" - 18 NPT
- 3971 1/2" Hose x 1/4" - 18 NPT
- 3972 1/2" Hose x 1/2" - 18 NPT



- 3973 90 degree 1/4" Hose x 1/8" - 27 NPT
- 3976 90 degree 1/2" Hose x 1/4" - 18 NPT
- 3978 90 degree 1/2" Hose x 3/8" - 18 NPT



- 3977 1/2" Hose x 3/8" - 18 NPT



- 3982 Brass Elbow - 45 degree 1/4" NPT
- 3983 Brass Elbow - 45 degree 3/8" NPT



- 3985 Metric Brake Line "T"

- 3986 90 Degree Return Fitting (3/8" NPT)



The BLACK BOX by CB Performance

TURN YOUR OLD SCHOOL MECHANICAL ADVANCE DISTRIBUTOR INTO A HIGH-POWERED PROGRAMMABLE IGNITION!

MADE IN THE USA!

The Black Box Programmable Timing Control Module connects directly to your distributor and existing coil offering a fully programmable 21x21 spark table, good up to 10,000 rpm. The Black Box incorporates a 5 Bar MAP Sensor, allowing boosted timing control over 40 psi. The Black Box also has an internal low and high-end rev limiter. Housed in an attractive billet aluminum housing, the Black Box looks as good as it functions. The Black Box is incredibly small for its performance output, measuring only 3 5/16" L x 2 3/16" wide.



The Black Box will connect to ignition points, aftermarket ignition modules such as Compufire and Pertronix, MSD distributors, CB Performance Magnaspark-II Ready-to-Run and Magnetic Trigger distributors. Most aftermarket ignition boxes can also be used such as MSD 6A, 6AL, 7AL, Summit and Mallory. ****Will not work with a Compu-Fire DIS-IX Module**** ****Distributor must be locked out with no internal advance.****

The Black Box uses an internal coil driver that will support up to 8 cylinders. V8 ignitions using old school distributors can now be affordable converted into modern high powered programmable ignitions at a fraction of the cost. Need fuel economy? The Black Box will allow up to 45 degrees of ignition advance. CB has seen as high as 20% improved fuel economy when the Black Box was installed and properly tuned.

Features:

- 21 x 21 Spark Table
- 5 Bar MAP Sensor (good to 43 psi)
- Adjustable RPM/MAP Load Boundaries
- Low and high end adjustable rev limiter
- 4, 6 & 8 Cylinder Applications
- Easy to use Windows-based Software (requires XP, Vista, 7 or 8)
- 7' Flying Lead Harness
- Electrical Terminals Included
- Serial Cable Included (may require #2015 USB to Serial Adapter)
- Instructions, wiring diagrams and Tuning Video on included CD
- Conformal coated circuit board with surface mount components
- #2040 Vacuum Reference Kit recommended for Dual Carb Applications

Improved Idle Quality!
Improved Drive-ability!
Improved Performance!



2013	CB Performance Black Box Programmable Timing Control Module
2015	MAGNASPARK™ - USB to Serial Communication Cable

Vacuum Reference Kit

A simple bolt on, no drill option for getting a manifold air pressure signal to your ignition devices, when running a dual carburetor induction system. The plates feature a 50mm inner hole and are approximately 5mm thick. This Kit includes 4 Plates, 8 gaskets, 3 (1/8") Vacuum Tees and 7' of vacuum line. For use with #2013 Black Box and #2094 Magnaspark Crank Trigger System.

MADE IN THE USA!



2040	Vacuum Reference Kit
2043	Replacement Gaskets for Vacuum Reference Kit



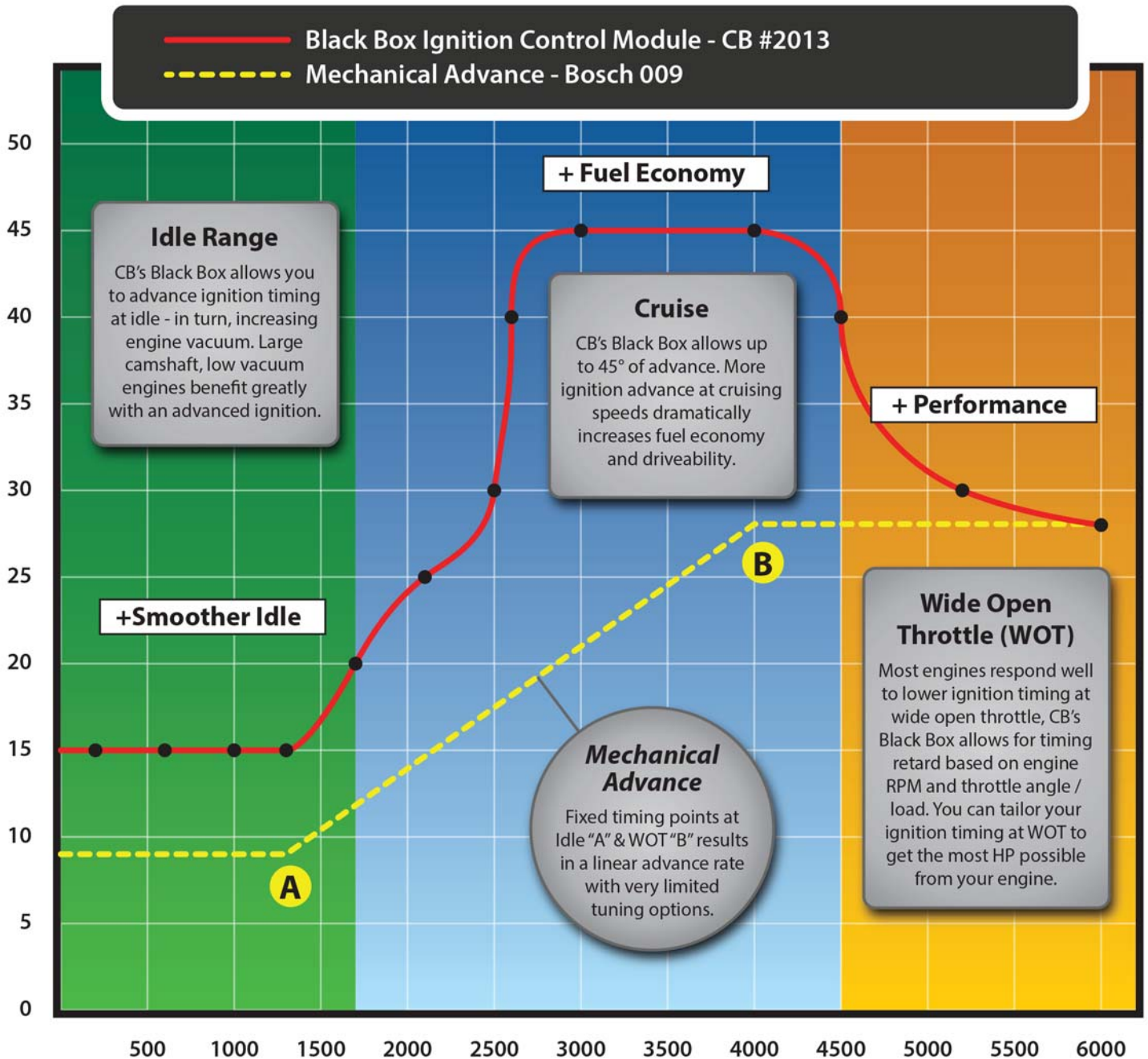
Connects to your Window Laptop via included Serial Cable.



Works on 4, 5, and 8 Cylinder Applications.



Installs virtually anywhere, from under the dash, to on the Engine.



Magnaspark II™ Ready-to-run Kit

This kit includes a Magnaspark II™ Ready-to-run Distributor (#2008), Magnaspark II™ Wires (#2003), a Billet Distributor Clamp, and a Magnaspark II™ Coil (#2009). **Buy these in kit form, and save!**

**BUY THESE IN
KIT FORM
AND SAVE!**

FEATURES:

- Easy 2-wire installation works with most aftermarket coils, or an external spark controller box.
- To ensure quality, each MAGNASPARK II™ Distributor is CNC machined and assembled by hand.
- Accurate spark controlled all the way through 10,000 RPM.
- Hardened steel .50" diameter steel shaft with sealed quality roller bearing upper support and bronze bushed lower support for extreme stability at maximum RPM.
- Powerful magnetic pickup and CNC machined reluctor pickup.
- Fully adjustable advance mechanism with easy to use spring and bushing design for a nearly infinite advance curve.
- MAGNASPARK II™ module built in for drop-in reliability from 50 to 10,000 RPM.
- High quality injection molded caps with brass terminals for long life and conductivity.
- A Billet Distributor Clamp is also included



**TWO COLOR
OPTIONS**



**ONE OF OUR
BEST SELLING
PRODUCTS!**

NOTE: Magnaspark II will not fit T-3 or T-4 without modification to engine tin.

2000 Magnaspark II™ Ready-to-run Kit (includes Wires, Distributor and Coil)

Magnaspark II™ Premium Ready-to-run Kit

This kit includes a Magnaspark II™ Ready-to-run Distributor (#2008), Magnaspark II™ Wires (#2003), a Billet Distributor Clamp (choose color), a Magnaspark II™ Coil (#2009), and a CB Billet Dry Pack Coil Mount. Be sure to choose your desired color from the drop down menu.

NOTE: Magnaspark II will not fit Type-3 or Type-4 without modification to the engine tin.

FOUR COLOR OPTIONS



2010 Magnaspark II™ Premium Ready-to-run Kit (includes Wires, Distributor, Coil and Dry Pack Coil Mount)

Magnaspark-II™ Distributors

The ALL NEW Magnaspark-II Distributors are now available in your choice of POLISHED or BLACK. Get a better spark, better idle, better performance & better fuel economy, all in one product! Each MS-II Distributor is shipped with a #6674 Billet Distributor Clamp.

MAGNASPARK-II™ Coils, and MAGNASPARK-II™ Wires are also available separately, or with the Distributor as complete kits (#2000 MAGNASPARK-II Ready-to-Run Kit).

Distributors are shipped with Grey Caps (Replacement caps are now available in your choice of Grey, Black or Red).



- 2007 MAGNASPARK II™ Distributor (BLACK) Ready to Run (connects directly to coil) **NEW!**
- 2008 MAGNASPARK II™ Distributor (POLISHED) Ready to Run (connects directly to coil)

Magnaspark-II™ Replacement Parts

Individual replacement parts for Magnaspark-II Distributors.

Replacement Caps for MAGNASPARK-II Distributors are now available in your choice of Red, Black or Grey.

For #2007 and #2008 Magnaspark-II Distributors. #2025 includes an Adapter Plate to allow you to install the updated Magnaspark-II Module into the older Magnaspark-II distributors.

- 2002 MAGNASPARK™ Replacement Rotor
- 2003 MAGNASPARK II™ 8.2mm Wires
- 2009 MAGNASPARK II™ Coil
- 2011 MAGNASPARK Coil Pack (4 post)
- 2017 MAGNASPARK™ - Serial Communication Cable
- 2018 MAGNASPARK-II™ Replacement Cap (Red) **NEW!**
- 2019 MAGNASPARK-II™ Replacement Cap (Black) **NEW!**
- 2029 MAGNASPARK-II™ Replacement Cap (Grey)
- 2012 MS-II™ Replacement Ignition Module (One-Piece, for use with 2019 and newer versions) **NEW!**
- 2025 MS-II™ Replacement Ignition Module w/Adapter Plate (Two-Piece, for use with 2018 and older versions) **NEW!**



Complete Magnaspark™ Crank Trigger Ignition System & Data Logger

This is a fully laptop-programmable ignition system with adjustable load+rpm boundaries. Timing control can be done MaP based or Alpha Numeric. Spark Table has a huge 21 x 21 matrix.

Our CNC Machined Trigger Wheel uses 36:1 tooth design for high resolution. The VR Sensor mount is made from 356/T6 Aluminum for superior strength.

The Magnaspark Crank Trigger Kit is also a Data Logger. Logging is done using a windows based PC. You can trigger data logging by an external switch or directly through your laptop computer. Available inputs are RPM, MaP, Head Temperature, Throttle Position and Ignition Timing.

The Magnaspark Crank Trigger Kit incorporates Boost Control technology. Using the optional External CB Select-A-Boost, dial in 4 different boost settings by simply turning the dial. Each of the 4 boost levels are customizable. Over boost protection and turbo anti-lag technology is incorporated into the Magnaspark Crank Trigger Kit.



SOFTWARE FEATURES:

- 21 x 21 spark table
- Adjustable High Rev Limit
- Adjustable Two Step Rev Limit
- Adjustable load and RPM boundaries
- External Fan and Shift Light Control
- 3 Selectable general purpose outputs: RPM Trigger / Temperature Trigger / TPS Trigger
- Data Log Technology
- Boost Control Technology
- Optional external "Select-A-Boost" boost level control
- Over-boost protection / Turbo Anti-Lag Technology

FEATURES:

- Crank VR Sensor included.
- 36-1 tooth universal crank trigger kit.
- Requires no machining, completely bolt-on kit.
- Will work with sand seal and screw type hub pulleys.
- Trigger wheel is cad plated for rust resistance.
- VR Sensor mount is made from 356-T6 alloy for superior strength.
- The Distributor Hole Plug requires no clamp, using internal expansion for clamping. This allows for a clean appearing installation. (Your choice of Black, Blue or Red)



2092 Magnaspark™ Crank Trigger Mounting Kit with Coil Pack and Spark Plug Wires (No ECU included)

2093 Magnaspark™ Crank Trigger Mounting Kit (No ECU, wires or Coil Pack included)

2094 Complete Magnaspark™ Crank Trigger Ignition System and Data Logger

2071 Serpentine Belt Adapter Kit

A SERPENTINE BELT ADAPTER KIT (#2071) is required for use with Serpentine Belt setups.

CB Select-A-Boost

Need more Power? Crank it up! Boost Adjust on the fly is now possible with the CB Select-A-Boost!

Four programmable boost settings, remote mountable, for use only with the #2094 programmable Magnaspark Crank Trigger Kit.



2095 CB Select-A-Boost

PERTRONIX Ignitor Billet Distributors

THE WINNING PACKAGE!

Fits all VWs that accept Bosch 009 Distributors. It's designed to provide maximum ignition performance and easy installation at an attractive price. This distributor is a "plug-n-play" unit that does not require an additional "box" to use. Enthusiasts can choose either the original Ignitor, for stock applications, or the Ignitor II, for the engine that requires more energy. The Ignitor II module features the latest Hall Effect technology combined with a microprocessor. The microprocessor allows the Ignitor II module to adjust dwell angle to maintain peak energy throughout the entire RPM range. The distributor housing is CNC machined from 6061 T-6 aluminum and is polished to a beautiful finish. These distributors are adjustable utilizing a "GM Delco Style" advance mechanism. For use with Pertronix 8.0mm Plug Wire Sets, and Flame-Thrower Coils.



2077	Ignitor-I, non-vac (Black Cap)	2055	Ignitor-I Replacement Module
2078	Ignitor-I, non-vac (Grey Cap)	2056	Ignitor-II Replacement Module
2075	Ignitor-II, non-vac (Black Cap)	2087	Replacement Cap & Rotor (Black)
2076	Ignitor-II, non-vac (Grey Cap)	2088	Replacement Cap & Rotor (Grey)

PERTRONIX Flame-Thrower Coils

The super low resistance 0.3 ohm Flame-Thrower II 45,000 volt coil was engineered for use with the Ignitor-II electronic ignition. This lethal combination averages 4 times more available energy between 3000 and 5000 RPM compared to stock points. It's compatible with most capacitive discharge (CD) boxes. Choose from chrome or OEM black, they're oil filled for better cooling and voltage insulation, or get the epoxy version of the Flame-Thrower II when extreme vibration is a factor.

Applications: Ideal for use with our Ignitor II ignition system. Compatible with capacitive discharge systems (CD Box). For use with Pertronix 8.0mm Plug Wire Sets, and Pertronix Coil Brackets. The #2090 Pertronix Coil Bracket also works with standard coils 2.2" (26 mm) diameter.

2085	Pertronix Flame-Thrower® Coil
2086	Pertronix Flame-Thrower II® Coil
2090	Pertronix Coil Bracket



PERTRONIX Flame-Thrower Perf. Distributor

Now you can get a quality distributor that delivers excellent performance and doesn't break the bank. Pertronix has taken all the things you like about the Bosch 009 distributor and designed them into the all new Flame-Thrower distributor. To top things off, this distributor features integrated Ignitor electronics.



2069	Pertronix Flame-Thrower Performance Distributor
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PERTRONIX 8mm Plug Wire Set

These Plug Wire Sets are designed to work with the Pertronix Flame-Thrower Billet Distributor, and Pertronix Flame-Thrower Coils.



2079	Pertronix 8.0mm Plug Wire Set (Black)
2080	Pertronix 8.0mm Plug Wire Set (Red)
2081	Pertronix 8.0mm Plug Wire Set (Blue)

ACCUVANCE Centrifugal Advance Distributor

Manufactured in Canada to exacting performance standards. The points are mounted on a solid breaker plate to eliminate point wobble, bounce and flutter. All cylinders fire evenly and it will wind and fire to over 6000 RPM.

Runs great on stock or high performance engines. Can be used with stock or aftermarket ignition systems. Accuvance Distributors can be used on all 4 cylinder air cooled VW and Porsche engines except those with factory injection.

Designed for use with original Bosch 009 caps, rotors, points and condensers.

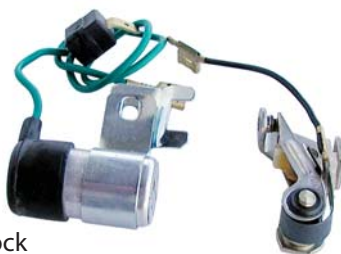


**FEATURES
DUAL SPRING
ADVANCE!**

2006 Accuvance Centrifugal Advance Distributor

Ignition Points & Condenser

High RPM, heat and engine contaminants can cause rapid wear of ignition points. The rubbing block wears due to friction and the contact points pit and deteriorate as up to 18,000 switching operations per minute are performed. Dwell and spark timing change as the ignition points wear. Change your ignition points and condenser every 3,000 miles.



2005 Ignition Points & Condenser - fits 009
2034 Ignition Points & Condenser - fits 094
2035 Ignition Points & Condenser - fits 050

COMPU-FIRE Module Kit

The solid-state ignition system with simple drop-in assembly. Just remove your points and condenser, install the electronic module, slide on the trigger wheel and you're ready to go. The best part is that you'll never have to change points again. Your engine will have higher RPM potential, start quicker, and run cleaner than with standard breaker points.



2041 Compu-Fire Module Kit - 009, 050, 094
2042 Compu-Fire Module Kit - 205 1971-on

Replacement Distributor Caps & Rotors

Loss of power and poor fuel economy are often traced to a worn and defective cap and rotor. Check the listings below for the right combination for your engine.

2038 - 009 & 094 Cap & Rotor
2038 -205 Cap & Rotor (Rabbit)
2038 - Cap & Rotor, fits '69-'74 Beetle & Super Beetle, '73-'75-Thing



2037 Cap - fits 050
2038 Cap and Rotor Kit

Distributor Hole Plug

Features a triple 'O' ring sealed design for a leak free installation!

Locks in place with a socket set screw and slotted shaft. No need for your distributor clamp, just slip it in and lock it down!

Manufactured from 6061 bar stock with an anodized cap and CNC engraved.



2072 Distributor Hole Plug (Black)
2073 Distributor Hole Plug (Red)
2074 Distributor Hole Plug (Blue)

Billet Distributor Clamps

CNC Machined from billet stock and anodized to Mil-Spec.

This is the ultimate distributor clamp that will not let your distributor move around like the stock stamped steel junk ones. Keep your timing set with the new precision machined Billet Distributor Clamp. Lose your old stamped steel one and get yours today, for a better clamping power and great looks. Works well with Magnaspark II™ Distributors!

**WORKS WELL
WITH MS-II
DISTRIBUTORS!**



6674	Billet Distributor Clamp (Plain)
6677	Billet Distributor Clamp (Red)
6678	Billet Distributor Clamp (Blue)
6679	Billet Distributor Clamp (Black)

BOSCH Rev Limiter

Drops right in to all 009 Distributors to limit your engines RPM. This is the low cost, fail safe way to protect your high performance engine. Choose from 2 positive RPM ranges... 5,400 and 6,500. Your engine will run smoothly at all RPM ranges, right up to the predetermined limit. You don't have to watch the tach or guess about shift points - the Bosch Rev Limiter does it for you.

Fits all 009 mechanical advance distributors and 71-later vacuum advance distributors. Works with carburetors or fuel injection.



2063	Bosch Rev Limiter (5,400 RPM)
2061	Bosch Rev Limiter (6,500 RPM)

Distributor O-ring

Replacement Distributor O-ring.



111-905-261	Distributor O-ring
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Stock Distributor Clamps

#2156 - Cad plated stock replacement distributor clamp.

Made in Mexico (113-905-250).



Chrome distributor clamp replaces the standard clamp for that little bit of custom detail, which can make a big difference.

2165	Distributor Clamp (Cad Plated)
2166	Distributor Clamp (Chrome Plated)

BOSCH Super Blue Coil

Standard equipment on many of the world's most famous cars. The larger reserve capacity of the Super Blue Coil provides a hotter spark for quicker starts and higher RPM's.

The one-piece housing is hermetically sealed and insulated for longer life and cooler operation even under adverse conditions. **This coil is epoxy filled.**



2031 Bosch Super Blue Coil - 12 Volt

Original BERU Blue Coil

This ignition coil provides the necessary high volume ignition energy for producing a high voltage spark at the spark plug. BERU Systems ignition coils are developed vehicle-specific according to original specifications. They are extremely temperature resistant. This is a stock replacement 12 volt coil and it does not require a resistor.



2032 Original Beru Blue Coil

Accufire Ignition Coil

HOTTER SPARK THAN A BOSCH BLUE COIL!

CB Performance 26000 Volt Accufire coils produce a hotter spark for quicker starts and higher RPMs.

Shipped with Chrome Mounting Bracket.



2066 CB Performance Accufire Ignition Coil (Silver 26000 Volt)

Single Carb Coil Mount

Relocate your coil the easy way. CB's new Coil Mounts take the guesswork out of remounting your coil. The deep finned design adds a super race look to any engine while providing a solid coil mount for street or off-road. Mounts to any stock or high performance fan shroud and can be used to repair cracked or broken coil mount surfaces. **Coil Sold Separately**



2089 Single Carb Coil Mount

High Performance Coil Mount

Mounts the ignition coil in a lower position to help prevent fan shroud vibration and breakage. Can also be used to repair and remount coil on broken fan shrouds.

Fast, easy way to re-position ignition coil to clear Porsche and cross bar style throttle linkage. Fits all upright VW fan shrouds. Kit includes standard mounting hardware and special moly screws to attach to fan shrouds with cracked or broken coil mount surfaces.



2052 High Performance Coil Mount

Fuel Pump Block Off w/Dry Pack Coil Mount

Fuel Pump Block off, Coil Mount and Engine Case Breather all built into one! This new mount was specifically designed to work with CB's MagnaSpark-II Dry-pack coil (#2009).

We thought of everything and machined a large 3/8" NPT breather port to help control engine case windage issues.

There is no need to mount your coil on your fan shroud or firewall any longer. The CB Performance Fuel Pump Block Off/Coil Mount neatly places the coil behind the distributor for a clean functional look.



Part#	3250	3251	3252	3253
Color	Black	Blue	Red	Silver

Fuel Pump Block Off w/Coil Mount

Allows you to vent your crankcase with a large 3/8" NPT hole.

The billet aluminum block off also provides a secure mount for your stock diameter VW coil, and places them right behind the distributor.

Great looks, top quality and functionality!



Part#	3230	3231	3232	3233
Color	Black	Silver	Blue	Red

Chrome Plated Coil Cover & Bracket

Chrome cover wraps around the standard VW coil. Heavy gauge chrome plated bracket mounts to the standard location for a fast custom change over.



2028 Chrome Plate Coil Cover & Bracket (fits 6 & 12 volt coils)

**CHECK US OUT
ONLINE AT**
cbperformance.com

And Follow us on Social Media:
[Facebook.com/CBperformance](https://www.facebook.com/CBperformance)
[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

8mm Spiro-Pro Wire Set

Resists temperatures up to 600 degrees!

For racing or street applications.

Provides maximum firepower without radio interference.

Can be used with standard or high performance ignition and are a must for HEI and Fuel Injection applications.



Part#	2096	2097	2099	2101	2105
Color	Black	Purple	Red	Blue	Yellow

TAYLOR 409 Race Wires

A full 10.4mm in diameter!

Constructed from three layers of silicone. 102,000 volts dielectric strength.

Simply the best ignition wires available!



2082	Taylor 409 Race Wires (Black)
2083	Taylor 409 Race Wires (Blue)
2084	Taylor 409 Race Wires (Red)

TAYLOR ThunderVolt 8.2 Ignition Wires

Get more HORSEPOWER just by changing plug wires!!

Delivers greater spark energy with less resistance than any other wire!



2057	Taylor Thunder Volt 8.2 Ignition Wires - Type-1 (Black)
2058	Taylor Thunder Volt 8.2 Ignition Wires - Type-1 (Red)
2059	Taylor Thunder Volt 8.2 Ignition Wires - Type-1 (Blue)

Spark Plugs

CB Performance has a huge selection of spark plugs, ranging from short to long reach, 12 or 14mm thread sizes, and from cold spark to hot spark, to fit varying needs.



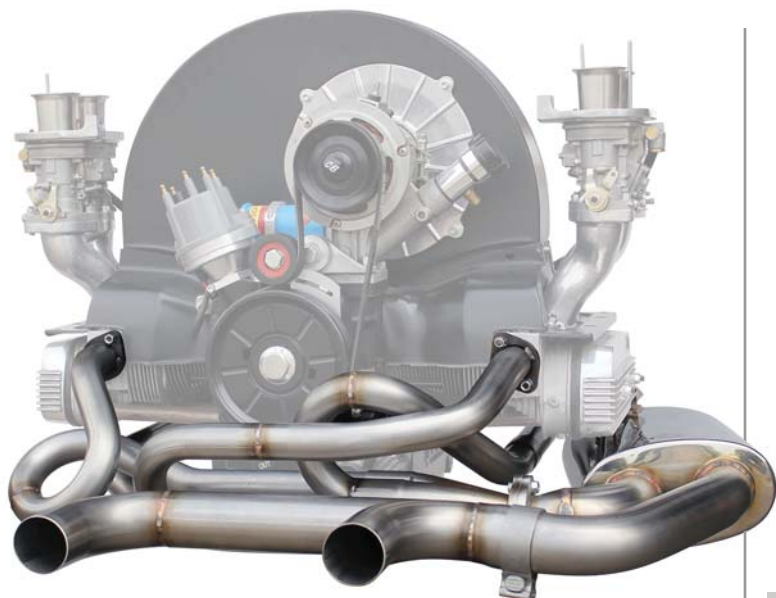
7911	Bosch Super Plus - 14mm 3/4" Reach (same as WR9DC)
B5ES	NGK (same as Bosch W8CC) Std. Tip - 14mm 3/4" Reach
B5HS	NGK (same as Bosch W8AC) Std. Tip - 14mm 1/2" Reach
B6HS	NGK (same as Bosch W7AC) Std. Tip - 14mm 1/2" Reach
BP5HS	NGK (same as Bosch W8BC) Racing Tip - 14mm 1/2" Reach
BP6HS	NGK (same as Bosch W7BC) Racing Tip - 14mm 1/2" Reach
D6EA	NGK - 12mm 3/4" Reach - Stock Heat Range
D7EA	NGK - 12mm 3/4" Reach - Hotter Plug
D9EA	NGK - 12mm 3/4" Reach - Colder Plug
DP8EA-9	NGK - 12mm 3/4" Reach - Moderate Heat Range
DR7EA	NGK - 12mm 3/4" Reach
DR8EA	NGK - 12mm 3/4" Reach - Used in most HEI applications
WR8AP	Bosch Spark Plug - 14mm - 1/2" Reach



A-1 Sidewinder Exhaust Systems

A-1 Sidewinder mufflers use A-1's exclusive 'Magna Flo' muffler design, incorporating a full 2 1/2" Hi-Flo straight through core design, which allows the muffler to flow equally to that of an open stinger upwards of 220hp, yet allows a clean even exhaust note, achieving a noise level under 90 decibels (sound levels may vary). Numerous 11 & 12 second quarter-mile street/drag cars have achieved excellent performance results with these mufflers.

**THE HIGHEST QUALITY
AND BEST PERFORMING
EXHAUST SYSTEMS
ON THE MARKET!**

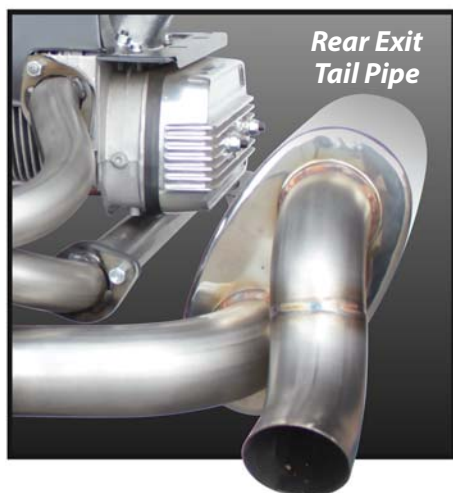


- 3510 (1 1/2") Dual Tip Muffler (fits Sedan or Ghia)
- 3511 (1 5/8") Dual Tip Muffler (fits Sedan or Ghia)

- 3512 (1 1/2") Corner Exit Tail Pipe (fits Sedan, Ghia, Bus to '67)
- 3513 (1 5/8") Corner Exit Tail Pipe (fits Sedan, Ghia, Bus to '67)
- 3514 (1 1/2") Corner Exit Tail Pipe (fits Bus '68-71)

A-1 Sidewinders Exhaust Systems

Each of these three are sold with your choice of J-pipes, Painted Heater Boxes or Ceramic Coated Heater Boxes. Featuring Raw Finish Steel, 16 gauge mild steel tubing, 3/8" thick head flanges, SuperFlo merged collector and Gasketless Tru flat collector flanges.



**Rear Exit
Tail Pipe**

- 3515 A-1 Sidewinder Exhaust (1 1/2") Rear Exit Tail Pipe (fits Sedan or Ghia, not S.B.)



**Turn Down
Corner Exit
Tail Pipe**

- 3520 A-1 Sidewinder Exhaust (1 1/2") Turn Down Corner Exit Tail Pipe (fits Bus to '67)



**Oval
Rear Exit
Tail Pipe**

- 3522 A-1 Sidewinder Exhaust (1 1/2") Oval Rear Exit Tail Pipe (fits Bus to '67)

Streetster Hideaway Exhaust System

**MADE IN THE
USA!**



Tucks up under the right rear fender - Out of sight, out of the way!
The ultimate custom exhaust for your lowered VW Sedan.

3500 Streetster Hideaway Exhaust System

550 Spyder Exhaust

**MADE IN THE
USA!**



Two models are available to fit either Beck or Vintage 550 Spydery. 1 5/8" Exhaust Size.

3548 Ceramic Coated Exhaust for Beck 550 Spyder

3549 Ceramic Coated Exhaust for Vintage 550 Spyder

Streetster Quiet Pack

Bolts right on without special tools and provides cooler engine temps, increased HP and MPG. The 1 3/8" tubing is a perfect match for factory heater box outlets. The equal length header pipes flow into a "short merge" collector to a 1 5/8" outlet for improved full range exhaust gas scavenging.

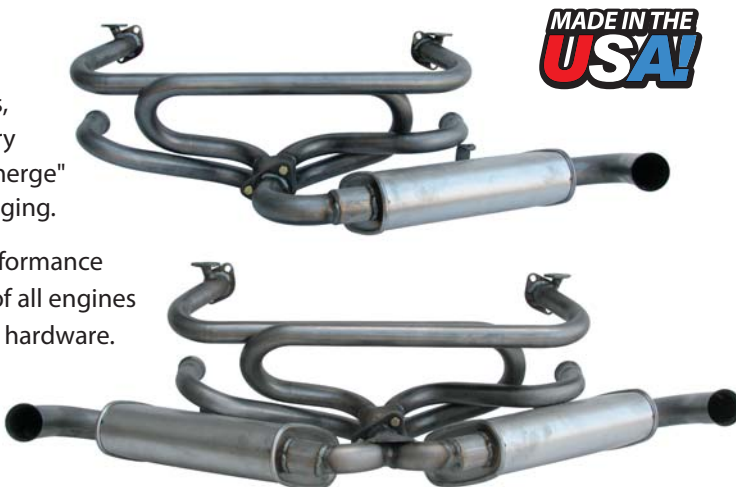
12% more flow than a single muffler system. The Ultimate in high performance exhausts for VW Sedans, Vans, and Ghias. Will improve the efficiency of all engines from a mild 1200 to big bore strokes. Includes gaskets and mounting hardware.

3603 Streetster Single Quiet Pack - '66-73

3605 Streetster Dual Quiet Pack - Type-1 '66-73

3613 Streetster Single Quiet Pack - Type-2 '66-71

3615 Streetster Dual Quiet Pack - Type-2 '66-71



Streetster Single Quiet Pack (Type-3)

**MADE IN THE
USA!**



Tired of that under-performing, worn out stock muffler? Ready to step up to a performance exhaust system? Scrap the stocker and replace it with a new Streetster Single Quiet Pak. Includes gaskets and mounting hardware.

3623 Streetster Single Quiet Pack - Type-3 '64-73

Streetster with Racing Megaphone

**MADE IN THE
USA!**



Ships with gaskets, ready to install. Hardware is sold separately. Accepts the #3675 Pro-Flow Performance Muffler.

3683 Streetster with Racing Megaphone (Raw Steel)

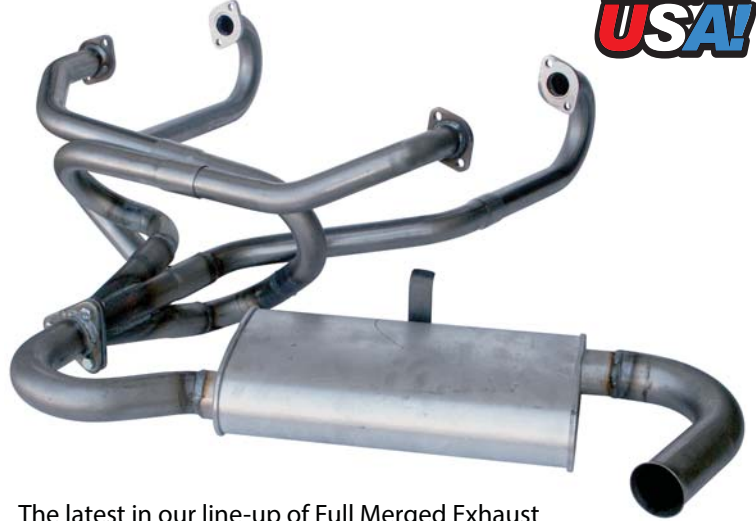
1 1/2" Flanged Pro-Flow Street System



What sets CB's Pro-Flow Street system apart from the competition? Our 1 1/2" full merged header matched with our High Performance Flanged Heater Boxes (CB #3678).

3644 1 1/2" Flanged Pro-Flow Street System

Full Merged w/Fat Boy Quiet Muffler



The latest in our line-up of Full Merged Exhaust Systems. The New 1 3/8" Full Merged Exhaust System was designed for smaller engines running smaller valves and smaller exhaust ports. Great for stock to 90hp engines.

3674 1 3/8" Full Merged with Fat Boy Quiet Muffler

Full Merged Exhaust Systems

You've got it all - A Stroker crank, dual carbs, high lift cam and ultra wahzoo cylinder heads. Now, you need the ultimate in a performance exhaust system. You need a full merged competition street and race system.

All systems come standard with competition stingers.

Optional Dual Muffs are available for the 1 1/2" and 1 5/8" models. The Full Merged Collector fits snugly under your VW Sedan to provide driveway and road clearance..



3660	1 1/2" Full Merged Exhaust w/Stinger
3658	1 5/8" Full Merged Exhaust w/Stinger
3664	1 3/4" Full Merged Exhaust w/Stinger
3668	1 7/8" Full Merged Exhaust w/Stinger
3669	2" Full Merged Exhaust w/Stinger
3663	Full Merged Dual Mufflers - 1 1/2" & 1 5/8" models only

CB Recommends:

#3674	1 3/8"	Stock to 90hp
#3660	1 1/2"	90hp to 140hp
#3658	1 5/8"	140hp to 175hp
#3664	1 3/4"	175hp to 220hp
#3668	1 7/8"	220hp to 260hp
#3669	2"	260hp and greater

Pro-Flow Performance Muffler

Unleash your engines horsepower with an all new Pro-Flow Performance Muffler! Designed to provide optimum performance for today's high horsepower street engines. Two styles of mufflers are available to fit Full Merged or Streetster style exhaust headers with small 3-bolt flange. Both use the DYNOMAX Super Turbo all-aluminized muffler for great looks and long-lasting protection - Patented flow directors eliminate turbulence, large diameter internal tubes improve exhaust flow / reduce back-pressure, and fiberglass matting to absorb unwanted interior resonance.

You'll love the Mellow Rumble and gain in horsepower!

3675	Pro-Flow Performance Muffler (Streetster header)
3676	Pro-Flow Performance Muffler (Full Merged header)



FEATURES:

- DYNOMAX Super Turbo muffler - aluminized finish
- 1 1/2" heavy gauge steel tubing - unpainted "raw" steel
- Small muffler flange (2 1/4" bolt pattern - 1 5/8" center hole)
- Fits CB Streetster or Full Merged Headers

OEM Quality Muffler Kit

Manufactured to OEM German standards, this is the finest replacement muffler we can find. The original tooling has been rebuilt and improved for a perfect fit. Designed to reduce back pressure and help your engine run at peak performance.

Constructed of heavy gauge steel with a cast OEM flange on one side to resist rust and road shock. Kits are complete and include all necessary parts for installation. Each kit includes one muffler, two chrome muffler tips and one muffler installation kit.

3656	OEM Quality Muffler Kit ('66-73 Type-1)
3650	Muffler Installation Kit
3651	Muffler Tip - Chrome Type-1 (each)



Muffler Tip Clamp Kit

Used to clamp muffler tips to your stock exhaust, or to clamp your header to your j-tubes.

Sold Individually.



3652	Muffler Tip Clamp Kit (each)
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cbperformance.com

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[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

Performance Replacement Flanged Heater Boxes

Provide the comfort of warm air cockpit-heating while increasing engine power! Bolts right on to all T-1 & T-2 1600cc based engines.



Provides 20% MORE FLOW than Stock Heater Boxes.

3678 Performance Replacement Flanged Heater Boxes (set of 2)

Ultra Complete Heater Box Kit

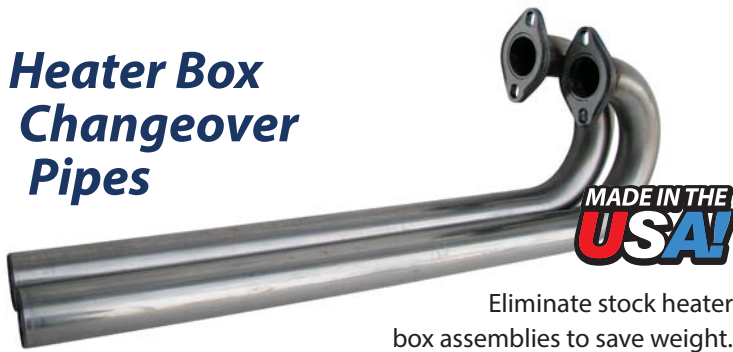
Shipped with Fittings Kit.



Fits T-1 1600cc based Sedans to '74 and T-2's to '71.

3681 Ultra Complete Heater Box Kit

Heater Box Changeover Pipes



MADE IN THE USA!

Eliminate stock heater box assemblies to save weight.

Just remove your old heater boxes and bolt'em on. Can be used with extractor exhaust headers in stock bodied cars, or in glass bodied sand buggies to replace rusty and damaged heater boxes.

3680 Heater Box Changeover Pipes - Type-1 & 2 Upright (pair)

Heater Cables

Use these heater cables to open and close your heater box flanges, so you can keep your extremities warm during those cold winter commutes. **Sold in pairs.**



111-711-629b	Type-1 8/'55 to 11/'62
111-711-629e	Type-1 12/'62 to 7/'64
111-711-717a	Type-1 '66-72, Super Beetle '71-72
111-711-717d	Type-1 8/'72 (No Super Beetle)
133-711-717	Type-1 8/'72 to 74
133-711-717b	Super Beetle '75-79, Type-3 '67-on

Heater Box Fittings Kit



Replaces cable lever arms on 2 heater boxes.

3687 Heater Box Fittings Kit

Heater Hose Coupler

Fits in top of stock muffler to mount fresh air hose to muffler.



Used on all T-1 fresh air mufflers. Also used on Fury Continental Exhaust.

Couplers become rusted with use and should be replaced at muffler change time. Shipped in sets of 2.

3639 Heater Hose Coupler (set of 2)

Heat Riser Block-Off Plates



Used to block-off heat risers on each side of stock mufflers and high performance headers. Bolts into position using stock gaskets and bolts.

3679 Heat Riser Block-Off Plates

Bombshell Muffler

The Bombshell Muffler was originally designed for VW turbo-charged applications using a 3" exhaust outlet (S1A, S2A, T3).

The polished stainless steel shell measures 13" long with a 3" inner spiral louvered core... Provides a full 5 decibel reduction in sound without any horsepower loss.

CB recommends using quality exhaust type T-Clamp (not included).



3532 Bombshell Muffler - 3" exhaust outlet

S/S Turbo Shorty Mufflers

Designed specifically for lightweight, high performance VW sand cars. The Turbo Shorty measures 9" long with a 2" spiral louvered core and reinforced mounting bracket.

Constructed from 304 stainless steel, computer welded for durability and long life, then polished to a "mirror" type finish. The Turbo Shorty provides a 6 decibel reduction of normal open exhaust noise.

CB recommends using quality exhaust type 2" T-Clamp, CB #7623 (sold separately)



3533 S/S Turbo Shorty Muffler - 2" exhaust outlet

3534 S/S Turbo Shorty Muffler - 2" exhaust outlet w/ Spark Arrestor

Spark Arrestor Mufflers

Polished Stainless Steel shell w/ serviceable fiberglass packed muffler. Fits Tri-Mill, T-Bird and other exhausts with 2" tubing. Includes 12 discs.

Features a "no-brainer" single clamp mount (3638) or a reinforced mounting bracket (3649) Removable US Forrest Service approved Spark Arrestor. Fiberglass packed inner core for reduced sound levels.

CB recommends using quality exhaust type 2" T-Clamp, CB #7623 (sold separately)



3638 Spark Arrestor Muffler - Polished Stainless Steel w/o Bracket - fits 2" Exhaust Pipe

3649 Spark Arrestor Muffler - Polished Stainless Steel with Bracket - fits 2" Exhaust Pipe

Hideaway Sedan Turbo Header

Fits under the rear of a VW bug.
Shipped with header/collector, and J pipes.

Mandrel bent 1 5/8" tubing is designed to use Schwitzer S2A or Airesearch TO3 turbos with rectangular flange.

Use of alternate turbo will require welding of matching exhaust flange. Turbos larger than S2A or TO3 will not fit under a sedan body.

One size fits most

7301t Hideaway Sedan Turbo Header



Turbo Headers

Mandrel bent from 1 5/8" tubing to fit rear engine Baja Sedans, Buggies and Mid-Engine vehicles.

Available to fit TO3 & T3/T4 hybrid turbos.

Flanged J pipes are also included.

The waste gate flange is welded in place.

7610 Turbo Header (1 5/8" tube size) T03 & T3/T4



Racing Turbo Exhaust

Finish your turbo project with these hard to find turbo goodies, oil inlet blocks, oil outlets, turbo gaskets, clamps, and turbo heat shields will improve and simplify installation.



7637 Racing Turbo Exhaust - fits S1A & S2A, T3

Spyder / Mid-Engine Turbo Header

Mid-Engine Header for T04 Turbo.

Designed to fit 550 Spyder Replica or mid-engine Buggy.

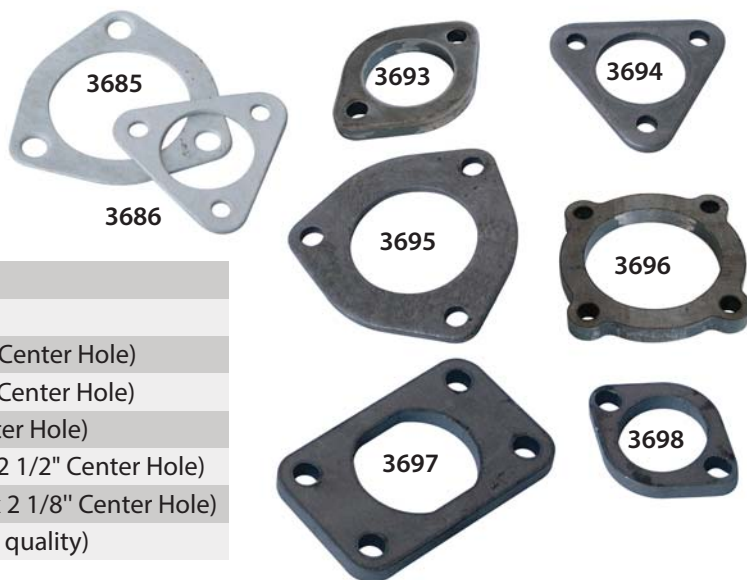


7608 Spyder / Mid-Engine Turbo Header

Turbo Exhaust Flanges & Gaskets

Build or repair your exhaust or turbo exhaust headers. The Flanges are manufactured from extra thick steel to help eliminate warping and exhaust leaks.

3685	Large Three Bolt Gasket (3 1/8" Bolt Pattern)
3686	Small Three Bolt Gasket (2 1/4" Bolt Pattern)
3693	VW Cylinder Head Exhaust Flange (2 1/4" Bolt Pattern - 1 1/2" Center Hole)
3694	Small Three Bolt Extractor Flange (2 1/4" Bolt Pattern - 1.650" Center Hole)
3695	Large Three Bolt Extractor Gasket (3 1/8" Bolt Pattern - 2" Center Hole)
3696	T03 Turbo Exhaust Gasket (2 1/2" from bolt hole to bolt hole, 2 1/2" Center Hole)
3697	T03 Turbo Exhaust Flange (1 3/4" x 3 3/8" Bolt Pattern 1 7/8" x 2 1/8" Center Hole)
3698	Turbo Exhaust Flange - Type-1 Cylinder Head (1 5/8" ID, turbo quality)



Copper Exhaust Gaskets

Manufactured from thick, pliable copper with a raised compression ring to maintain improved sealing. This is your answer to leaking exhaust flanges on just about any set of stock or custom cylinder heads. They are a must when running fuel injection or a turbo. They have a crush-ring, to help ensure a tight fit.



1882	Copper Exhaust Gaskets 1 1/2" (set of 4)
1883	Copper Exhaust Gaskets 1 5/8" (set of 4)

Exhaust Hardware

Use the #3333 hardware kit to bolt your muffler or stinger to your header.

12 point 8mm x 10mm Flange Nuts (#3334), are heat-treated to Grade 8 and plated to inhibit rust.

8 x 11 Nuts (#3335) are Super Small on the outside to provide additional clearance when installing exhaust systems.



3333	Three Bolt Exhaust Hardware Kit
3334	12 point 8mm x 10mm Flange Nuts - Grade 8 (each)
3335	8 x 11 Nuts (each)

Stock Exhaust Gasket

Stock Exhaust Port Gasket with crush ring.



1879	Stock Exhaust Gasket (each)
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1 5/8" Metal Reinforced Graphite Exhaust Gasket

Sold Individually.



1581	1 5/8" Metal Reinforced Graphite Exhaust Gasket
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Bung Cap

If you have an exhaust header with an oxygen sensor bung, and you need to plug the hole, this is your part.

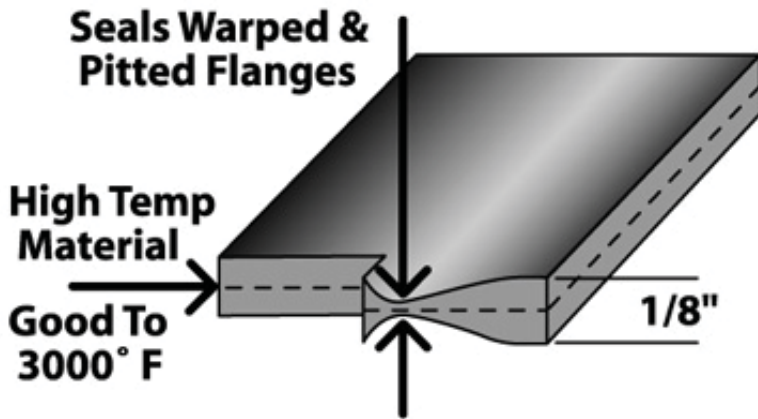


2930	Bung Cap
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CB's Graphite Compression Gaskets

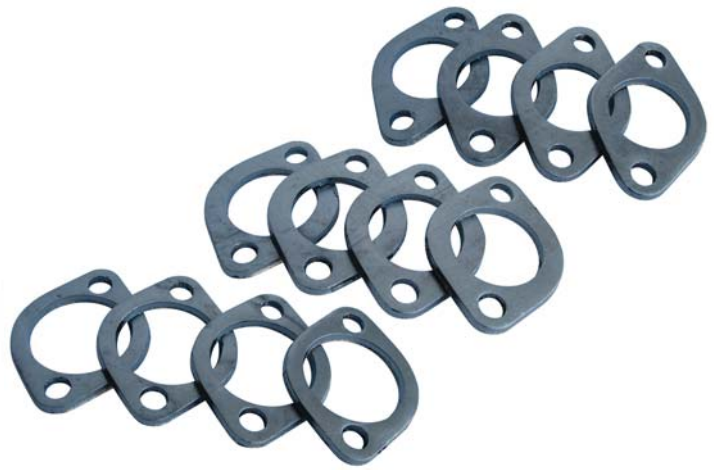
All New CB Performance Graphite Compression Gaskets are specifically engineered to handle the extreme heat and pressures of a high performance engine.



These gaskets start off at 1/8" thick, but crush to 1/16", filling the void created by warped or pitted flanges.

CB Performance Graphite Compression Gaskets can really take the heat (up to 3000 degrees!), so they are the answer for a perfect seal on a turbo charged engine. Due to the expanded graphite matrix of these gaskets they rebound against the sealing surface so they do not require re-tightening of the exhaust nuts.

From stock to big turbo engines, CB Performance Graphite Compression Gaskets will be the last gaskets you will need to buy!



- 2800 GCG - 1 5/16" Stock Exhaust (set of 4)
- 2801 GCG - 1 1/2" Exhaust Port (set of 4)
- 2802 GCG - 1 5/8" Exhaust Port (set of 4)



- 2803 GCG - Large Three Bolt Gasket - 3 1/8" Bolt Pattern (each)
- 2804 GCG - Small Three Bolt Gasket - 2 1/4" Bolt Pattern (each)



- 2805 GCG - Turbo Base Gasket - fits S1A & S2A (each)
- 2806 GCG - Turbo Exhaust Gasket - fits S1A & S2A (each)
- 2807 GCG - Turbo Exhaust Gasket - fits T04 (each)
- 2808 GCG - Turbo Base Gasket - fits T04 (each)
- 2809 GCG - fits Ultragate38 by Turbosmart (each)

JAMAR Super Shifters

Designed for use in sand rails, custom street cars, buggies, and off-road cars. The JAMAR Super Shifter works with T-1 & T-2 '72 VW transmissions in rear and mid-engine format. It features positive reverse lock out and super shifter control. Available in black powder coat or chrome plate.

Shift rods are also available.

6216	JAMAR Super Shifter - Black
6217	JAMAR Super Shifter - Chrome
6233	JAMAR Super Shifter Rod Kit (rod, heim joint, & coupler)



Hurst Look-A-Like Shifters

It looks just like the original. The reverse lock out ring prevents accidental movement into reverse. The custom chrome finish, precise shift pattern, and classic round shift knob make the Hurst Look-A-Like one of the smoothest shifters ever bolted into a VW.

#6331	7 1/2" Shaft
#6324	10" Shaft

6331	The Hurst Look-A-Like Shifter (short model)
6324	The Hurst Look-A-Like Shifter (standard height model)
6328	Type-2 Bus Shifter - The Hurst Look-A-Like



Flat 4 Eliminator Shifter

It's a reproduction of the shifter originally used in the Inch Pincher. The original shifter is now a much sought after item, and is very hard to find. Flat 4 eliminator shifters are made from a chromed heavy duty steel shift lever and a "T" shaped, wood shifter handle. This shifter is designed to give you 40% shorter stroke than a stock VW shifter, for a fast, positive shift change. This shifter comes in vintage look-a-like packaging, with instructions.

For T-1, Karmann Ghia, T-3 - L.H.D or R.H.D

6326	Flat 4 Eliminator Shifter
6318	Flat 4 Eliminator Shifter Replacement T-Handle
6319	Flat 4 Eliminator Shifter Replacement Boot Kit



JAMAR Pro-X Series Shifter

The JAMAR Pro-X Series Shifter features a sealed hardened stainless steel selector shaft and shift lever. The housing is manufactured from 6061 Billet Aluminum and comes with a Polished Finish. The All New Design allows shifting into reverse by pushing down and pulling back; no more two handed shifting as with the old super shifter.



6230 Shifter - JAMAR Pro-X Series

JAMAR Polished Mid-Engine Shifter



The complete nose cone replacement shifter. Designed to operate a T-1 swing axle or IRS VW tranny in mid-engine format.



You'll get lightning shifts every time!

6218 JAMAR Polished Mid-Engine Shifter

T-Handle Shifter

Polished aluminum & black powder coating with short gate shifts make this a great choice for both street and off-road. T-handle shift knob features a positive push-button reverse lockout.

Patterned after the original Dyno Soar Shifter.



6317 Short T-Handle Shifter

6316 Long T-Handle Shifter

Drag Fast Shifter

Bolt in a Drag Fast Shifter for the fastest shifts in town. It's manufactured from solid steel plate and triple chrome plated for a lasting luster.

You can use 'em on or off the road to get precise fast shifts.



6322 Straight Handle Drag Fast Shifter (Sedan)

6323 Angled Handle Drag Fast Shifter (Buggy/Ghia)

Quick Shift Kit

The most economical way to shift faster and easier under all driving conditions.

Shortens throw of VW shift linkage by 40%.

Heavy duty sturdy construction. Easy to install, no special tools needed.



6315 Quick Shift Kit - fits all VW models

Gear Shift Lever Assembly

Replacement Stock Shifter Kit. The #6320 also works well in dune buggy applications.

The #6146 prevents accidental shifts into reverse, by requiring the reverse button/lever to be pressed/ pulled on the shifter.



6320 Gear Shift Lever Assembly (Sedans & Squarebacks)

6325 Gear Shift Lever Assembly (Type-2 '66-74)

6146 Reverse Lock-out Shift Plate (fits most standard trans.)

Urethane Shift Coupler

Eliminate the problem of broken shift rod couplers in early bugs and busses. It's manufactured from poured urethane with steel inner bushings for added support and durability. The urethane construction reduces noise transition and provides a flexible yet tight connection for fast, accurate shifts.



6027 Early Urethane Shift Coupler
(fits Type-1 to '64 & Type-2 to '67)

RHINO Super Coupler

If your missing shifts due to weak and stretchy OEM shift couplers, the Super Coupler will solve your troubles. It's tough, easy to install, and will outlast a stock coupler many times over. It features a solid steel cage and mounting flange with floating Insoform inserts.



An 8mm shake proof fastener assures a positive, no slop shift. It's a natural for Sand Rails and Baja Bugs.

6110 RHINO Super Coupler (fits Type-1, 2, & 3 from 1965)

Stock Shift Coupler

Missed shifts, popping out of gear, and reverse selector problems are often due to worn and damaged Shift Couplers.

If your car has these symptoms, it's most likely your shift coupler.



6309 Stock Shift Coupler (fits Type-1 & 2 to 64)

6329 Stock Shift Coupler (fits Type-1, 2, & 3 65-on)

Shifter Adjuster

Weld it to your shift rod and dial in critical shift rod length and rotation.

Easy to use, fast adjustment.



6330 Shifter Adjuster (Type-1 to '64)

6335 Shifter Adjuster (Type-1 & 3 65'-on, Type-2 '68-on) **NEW!**

Shifter Box

Here's the easy way to install shifter linkage in your Sand Rail or off-road machine. Standard VW shifter parts slip right in to provide solid positive shifts.

Uses most any year shifter lever and can also be used with quick shifters. (#6152 is for use with the shifter box only.)



6145 Shifter Box

6152 Shift Rod Bushing - Urethane Heavy Duty

Shift Rod Bushing & Accessories

If your shift rod jumps around and makes funny sounds, check it out. Go for the small plastic bushing first, if that doesn't do the job, replace the whole unit. Your tranny will thank you. They fit all VW Sedans.



6332 Shift Rod Bushing - Stock

6337 Shift Rod Bushing Clip

6334 Shift Rod Hanger - Sedan

Dual Friction Clutch Disc **MADE IN THE USA!**

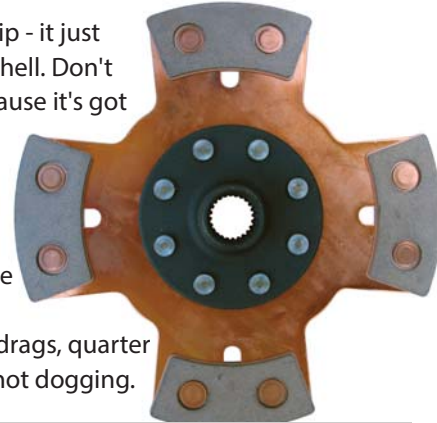
The ultimate clutch disc for street driven high performance engines. The patented Dual Friction design allows you to run a lighter clutch pressure plate assembly for most applications, which helps make this the ideal clutch disc for the daily street use and occasional trips to the drag races.



1301 Dual Friction Clutch Disc (200mm)

4 Disc Pad-Lock Clutch Disc

This is the one that doesn't slip - it just grabs, locks up and goes like hell. Don't try to run it on the street because it's got the radical race car "in or out no messing around action." 4 Ceramic Discs are riveted and heat bonded to a heat-treated steel center to provide race performance for all VW engines. It's perfect for sand drags, quarter mile competition and super hot dogging.



1333 Clutch Disc - Pad-Lock - 4 Disc

6 Button Kwik-Lock Clutch Disc

Designed for drag and road race use. Incorporates six sintered copper pucks bonded and riveted to a heat-treated high carbon steel plate. Available with solid or spring center. The spring center helps provide an even tip in.



1356 Clutch Disc - 6 Button Kwik-Lock - 200mm (solid center)

Solid Center Clutch Disc

It's budget priced and designed for use in all 200mm VW fly-wheels. This heavy-duty clutch disc is perfect for hot street machines and dune buggies. It's manufactured from woven material with vented rivets. The center hub is forged steel and power riveted to the clutch plate.



1339 Solid Center Clutch Disc (200mm)

Super Disc

Absolutely the best all around combination clutch disc available today! It operates on the progressive engagement principal made possible with the use of a center wave spring and a pair of outer aluminum, heat-dissipating plates.

For street and off-road applications.



1359 Clutch Disc - Super Disc - 200mm

Clutch Discs

Install a Heavy Duty Clutch Disc and feel the difference. The facing used is of special woven material to withstand the extreme heat and heavy wear of all out driving.



- 1330 Clutch Disc - 180mm (1200 & 1300cc)
- 1331 Clutch Disc - 200mm (1500 & 1600cc)
- 1348 Clutch Disc - 215mm - 1700cc
- 1346 Clutch Disc - 228mm - 2.0 liter VW Bus

Kennedy Clutches

The all-new Kennedy Racing Clutch series offers you a proven design with less flex and more grabbing power. You'll get less clutch pedal travel and crisper shifts. Choose from four power rated clutches from the healthy 1700lb. model to the load tested 3000lb. earth shaker.

Kennedy Clutches will let you handle unbridled horsepower to deliver race winning performance and durability.

All Kennedy Clutches are sold with an early style T/O bearing pressure ring. The ring is easily removed to make a late style pressure plate. This clutch should be used with a Heavy Duty cross shaft.

1311	Stage 1 (1700 lb.) 200mm Kennedy Clutch
1312	Stage 2 (2100 lb.) 200mm Kennedy Clutch
1313	Stage 2 (2600 lb.) 200mm Kennedy Clutch
1314	Stage 4 (3000 lb.) 200mm Kennedy Clutch

**MADE IN THE
USA!**



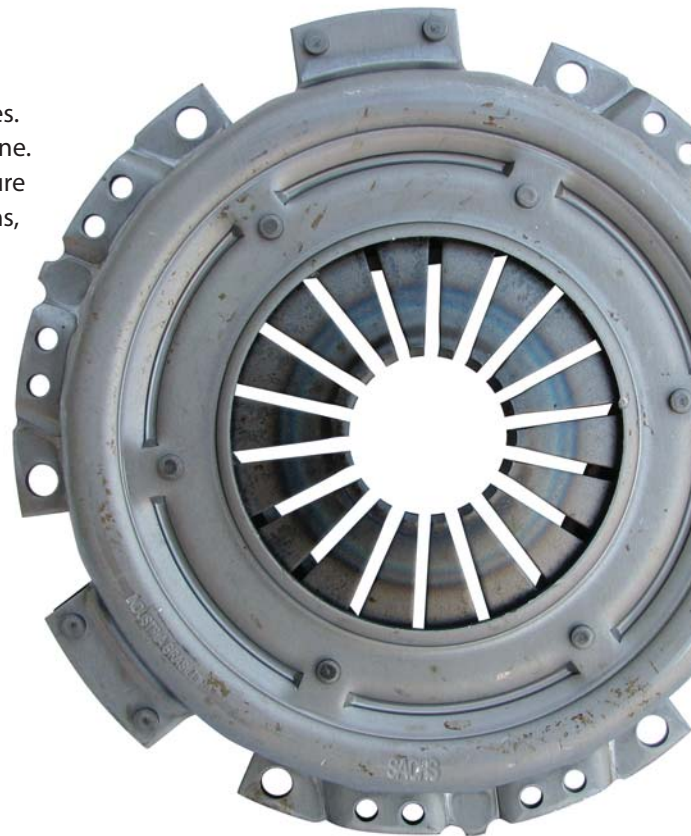
Porsche Style Clutches

Porsche Style Diaphragm Clutches are tougher than stock spring action clutches. They can be used as standard replacement parts or to handle a beefed-up engine. The release action of a Porsche Diaphragm is precise, and positive. Pedal pressure is less than that of old fashioned spring clutches. They work perfectly in VW Vans, Bugs, Buggies and Baja Sedans. These clutches are manufactured from special heat-treated steel and assembled to exacting tolerances to assure maximum performance. They are available in 200mm in early and late style.

1323 - Often described as "early type". Has thrust ring for wide T/O Bearing. Used in most Swing Axle Dune Buggies.

1324 - Does not have center ring. Requires the use of late cross shaft and T/O bearing collar on trans. Most often the correct clutch for IRS applications.

1323	Porsche Style Clutch - 200mm (fits Type-1, 2, & 3 VW to 1970)
1324	Porsche Style Clutch - 200mm fits Type-1, 2, & 3 VW '71-later)
1329	Porsche Style Clutch - 180mm (fits 180mm Flywheels)



Racing Clutch Bolt Kit

Each kit contains 6 plated bolts.
Can be used on all '61 & later engines. (set of 6).

Torque to 22 ft/lbs.



1369 Racing Clutch Bolt Kit (6 bolts)

T/O Bearing Collar

Can be used on any Kennedy Clutch to replace the existing worn or damaged collar.

The collars can be also added to any late style clutch to convert it to an early style clutch for different application purposes.



1315 Replacement Center Clutch T/O Bearing Collar

Clutch Release Bearings

Prevent future teardowns with a heavy-duty ball bearing type Clutch Release Bearing. It replaces the old style carbon bearing perfectly and will last 5x longer! Your clutch action will be smoother with reduced effort, and the life of your entire clutch assembly will be greatly increased. Available to fit early and late Type-1, 2 and 3 VW transmissions. The Clutch Release Bearing Guide Tube (#113-141-181) fits '71-on IRS models, and helps to keep the clutch release bearing in place, due to the absence of centering rings in late model cars.

- | | |
|-------------|--|
| 1342 | German Clutch Release Bearing (fits to '70, Type-1, 2 & 3) |
| 1344 | German Clutch Release Bearing (fits '71-on, Type-1, 2 & 3) |
| 4533 | Early T/O Bearing Clips (pair) |
| 113-141-181 | Clutch Release Bearing Guide Tube '71-on |



Clutch Clevis Pins

Replace this Clutch Clevis Pin before it wears out on you, and leaves you stranded.



- | | |
|------|--|
| 4858 | Clutch Clevis Pins - Type 2 to 1967 (211-721-351) |
| 4859 | Clutch Clevis Pins - Type 2 1968-79 (211-721-351a) |

Clutch Return Springs

A broken clutch return spring is a surefire indication that you're gonna wear out your T/O bearing. This is one those parts that doesn't give any warning and when it snaps you have to replace it.



- | | |
|------|--|
| 4532 | Clutch Return Spring (Type-1 '72-74, and Type-3 72-on) |
| 4534 | Clutch Return Spring (Type-1 '61-71) |

Heavy Duty T/O Bearing Cross Shaft

Designed for use with Racing Clutch Pressure Plates, such as the Kennedy Stage 1 - 4.

Comes packed with the following features:

- Induction Hardened 4140 Chromoly T/O Bearing Saddles.
- Graphite Impregnated Self Lubing Bronze Pilot Bushing
- Silicone Bronze Main Shaft Bushing
- Replacement Set Screw, Snap Ring, and End Play Shim



4565 T/O Bearing Cross Shaft - Heavy Duty (to '70)

Type-2 Cross Shaft

This is the one that doesn't slip

- it just grabs, locks up and goes like hell.



Don't try to run it on the street because it's got the radical race car "in or out no messing around action." 4 Ceramic Discs are riveted and heat bonded to a heat-treated steel center to provide race performance for all VW engines. It's perfect for sand drags, quarter mile competition and super hot dogging.

4530 Type-2 Cross Shaft, fits 1968-70

Heavy Duty Cross Shaft



Replace your worn or broken factory cross shaft with a super strong Heavy Duty Cross Shaft. These all-new cross shafts feature heavy steel bearing fingers that are fully welded around the shaft. Includes spacer. Will fit '73-later with an adapter bushing.

4562 Heavy Duty Cross Shaft (16mm) Type-1, fits '71-72

4564 Heavy Duty Clutch Shaft

Clutch Actuating Arm

It's budget priced and designed for use in all 200mm VW flywheels.

This heavy-duty clutch disc is perfect for hot street machines and dune buggies.



4538 Chromoly Forged HD Clutch Actuating Arm Type-1 '61-71, All 002 & Most aftermarket cross shafts

4539 Chromoly Forged HD Clutch Actuating Arm Type-1 '72-79, All 091

Clutch Cables Available for Type-1, 2 & 3.

4860 Clutch Cable Type-1 to 7/'60, 8/'61-2/'63 (111 721 335)

4861 Clutch Cable Type-1 8/'60-7/'61 (111 721 335A)

4862 Clutch Cable Type-1 8/'71-7/'74 (111 721 335C)

4863 Clutch Cable Type-1 8/'74-on (111 721 335E)

4864 Clutch Cable Type-1 3/'63-1/'66 (113 721 335)

4865 Clutch Cable Type-1 2/'66-7/'71 (113 721 335A)

4866 Clutch Cable Type-2 to 5/'59 & 10/'61-7/'67 (211 721 335B)

4867 Clutch Cable Type-2 8/'67-7/'71 (211 721 335E)

4868 Clutch Cable Type-2 8/'71-8/'75 (211 721 335J)

4869 Clutch Cable Type-3 4/'65-'74 (311 721 335A)

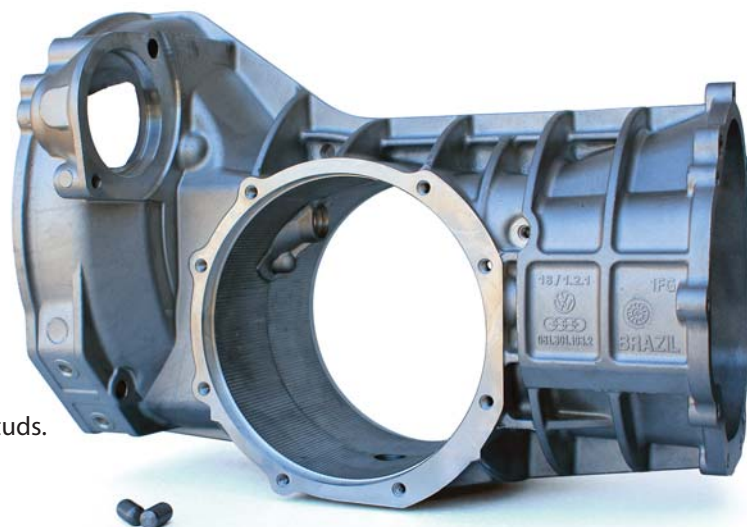
4840 Clutch Cable Adjusting Nut Type-1, 2 & 3



White Rhino Aluminum Alloy Tranny Case

Now available exclusively from CB Performance is the Aluminum Alloy White Rhino Transmission Case. This is the Magnesium RHINO case on Steroids! Volkswagen stepped up the game and took a great part and made it even better. While Magnesium has the weight advantage, Aluminum Alloy is the definitive choice for a better yield strength under high stress applications.

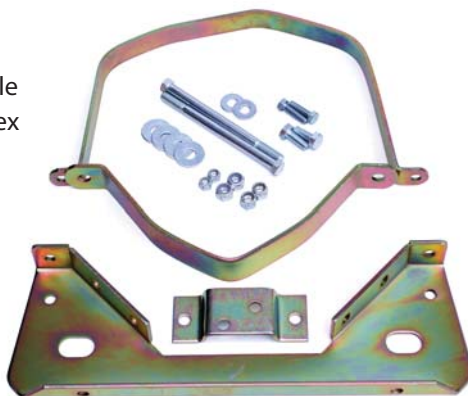
Case does not come with starter bushings, cross shaft bushing or studs.



4528 Tranny Case - White Rhino Aluminum Alloy

Transaxle Strap Kits

Designed to reinforce and stiffen the transaxle within the chassis. A strap kit helps reduce flex and twist of the frame horns. It eliminates broken nose cone mounts and reduces clutch chatter. And now you can choose from a direct bolt solid model or the new Padded Transaxle Strap Kit for quiet running. Each kit is shipped complete and ready to bolt on. They fit all swing and IRS frames.



6149 Transaxle Strap Kit (solid)

6153 Transaxle Strap Kit (padded)

Trans Adapter/Strap Kit

Securely mounts a late model bus tranny into a bug chassis.

Includes front and rear formed steel retaining straps and solid motor mount frame, steel nose mount, and heavy duty mounting hardware.



4493 Trans Adapter/Strap Kit - Type-2 trans into Type-1 IRS

4492 Shift Rod Adapter - Type-2 into Type-1

Tranny Nose Cone & Accessories



4536 Tranny Nose Cone (Type 1) '61-72 (113-301-205g)

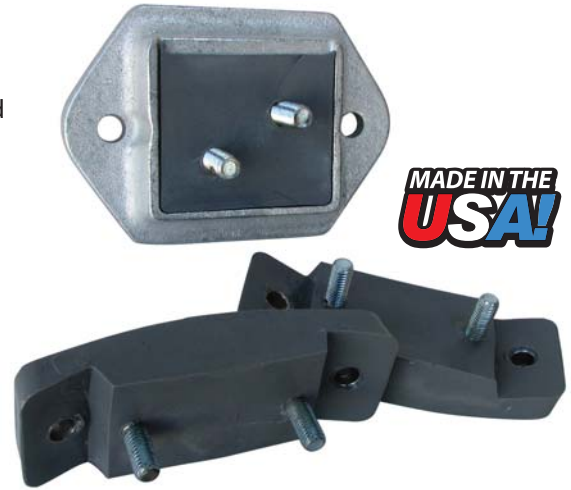
5886 Nose Cone Boot - '61-77 (also 111-301-289d) OEM

6333 Nose Cone Shift Lever Seal and Bushing Kit

RHINO Tranny Mounts

Double the strength of stock rubber mounts! Made from injected Insoform to provide you with engine mounts that run quiet and strong. The mounting bolts of the front and rear mount are welded to a steel support and then the Insoform is molded around the steel support. The outer shell of the front nose mount is manufactured from cast ZA 1 metal. You'll get less engine and tranny movement and more stability than ever before.

You can run Rhino Tranny Mounts as a complete kit, or replacements for front or rear mounts on all VW sedans and tranny's, '61 to '72. The use of Rhino Tranny Mounts will in most cases eliminate the need for noisy tranny strap kits.



6210	Tranny Mounts - RHINO Nose Mount, fits swing axle & IRS
6211	Tranny Mounts - RHINO Rear mounts, fits swing axle & IRS (2 per kit)
6212	Tranny Mounts - RHINO Engine Mount Kit, Complete - front & rear (3 pieces)

Engine Mounting Bolt Set

Complete Engine Mounting Bolt Set used for mounting VW Type-1 based Engine Cases to Type 1 VW Transmissions.

Two sets available to cover most years and models.



1220	Engine Mounting Bolt Set (to '70)
1221	Engine Mounting Bolt Set ('71-on) or late case using Dog House Type Oil Cooler

Motor Mounts

Replace worn and broken original mounts to eliminate clutch chatter and engine vibration. Motor mounts supplied by CB replace original OEM mounts without modification or special tools.



6161	Nose Cone Mount (fits Type-2 '63-67)
6162	Motor Mounts - fits to 1972 - rear (set of 2)
6163	Motor Mounts - fits '73 & later - rear (set of 2)
6164	Motor Mount (fits to '60 - front)
6165	Motor Mount (fits '61-'64 - front)
6166	Motor Mount ('65-'72 - front)
6167	Motor Mount ('73 & later - front)

Super Differentials

4552 - Double Strength of your stock VW spyder section. The budget priced Super Diff uses a double thick casting, super strength double snap rings and 4 spyders (not supplied) to give you the strength needed for powerful engines and quick shifts. A beefed up tranny is a must for drag racing, off-road competition and road control. Slips right into all 1961 and later swing axle transmissions. Instead of threaded collars, this differential uses double snap rings.

4555 - Put the power to the road with a 4 Spyder IRS Super Diff. The housing is machined from double thick steel casting that helps eliminate flexing and increases gear life. The IRS Super Diff is a direct bolt-in for all 1969 and later Type-1 transmissions. Order yours today!

- 4552 Super Differential - Swing Axle
- 4555 Super Differential - IRS 1969



Super Duty Side Cover

All new design! CB's Super Duty Side Plates are designed to keep your ring and pinion gear properly meshed. They are thicker and provide more strength than stock factory side plates. The new design includes a groove to retain the factory O-ring (sold separately) to aid in preventing oil leaks at the location where the axle tube is bolted to the side plate.

"Tough" engineered and manufactured from 613 alloy to provide strength and ductility. Super Duty Side Plates are available in two models to fit all 61 through 68 swing axle transmissions and 69 through 77 IRS T-1 transmissions.

- 4560 Super Duty Side Cover - IRS (fits '69-later)
- 4561 Super Duty Side Cover - Swing Axle, fits '61-'68



Transmission Lock Nut Kit

Keep your transmission together and stop oil leaks due to loose nuts with a Plated Lock Nut Set.



Plated Lock Nuts are functional and mechanically beautiful. For that instant racer look, clean-up your tranny, give it a quick coat of paint, remove the old nuts and finish it off with a Plated Lock Nut Kit. Fits T-1 '61-'79. Also fits T-2 '61-'67 & T-3 '64-'73.

- 1923 Transmission Lock Nut Kit (44 lock nuts)

Transmission Gasket Set

Includes the Gaskets, O Rings and Main Shaft Seal required to assemble a Type-1 Standard Shift Transmission. Manufactured by an OEM supplier. Each gasket is cut from material of the same type and thickness as originally used by Volkswagen. The O Rings and Main Shaft Seal are manufactured from oil resistant nitrile (Buna N) compounds to provide flexibility and mechanical stability.



- 1981 Transmission Gasket Set - Type-1 '61-'79
Also fits Type-2 '61-'67 & Type-3 '64-'73

Velocity Joints

These are ORIGINAL GKN/Loebro CV Joints. You will know it is time to replace your factory Velocity Joints when you hear them "click" during short radius turns.

Replace yours before they fail.



- 4360 Velocity Joint - Type-1 & 3 - 69-on
- 4361 Velocity Joint - Type-2 - 68-on

Bowden Tubes

Clutch Bowden Tubes.



- 4838 Bowden Tube Type-1 '72-'74, Type-2 '68-'73
- 4839 Bowden Tube Type-1 to '71, Type-2 thru 7/'67, Type-3 all

Drive Flange

Fits T-1 IRS Transmission and allows use of '68-on T-2 CV Joints. Sold Individually.



- 4482 Drive Flange - Type-1 IRS to 68-on Type-2 CV

Conversion Stub Axle

For use with T-1 and aftermarket control arms.
For use with T-2 Velocity Joints.



- 4488 Conversion Stub Axle - fits Type-1 IRS (for use with Type-2 CV Joint)

Axle Boot Kits

4690, 4692, 4693 - Replace worn and ripped Axle Boots to keep the grease in and the dirt out. The boots are all original and easy to install. Each VW Axle Boot Kit is complete with all clamps and hardware. Manufactured in Germany to original factory specifications. Clamps may vary in kits.

4695 - 4 clamps, shipped complete with hardware kit.

- 4690 Swing Axle Boot Kit (each)
- 4692 Axle Boot Kit - IRS '69-on (each)
- 4693 IRS Boot Kit - Type-2 Bus 68-on (each)
- 4695 Boot Clamp Kit



Racing Axle Spacer Kit

VW Axle Spacer Kits are designed to replace the stock spacers in Swing Axle and IRS cars. These spacers are made from heat treated alloy steel to resist crushing which causes loose axle nuts.

6229 - New Old Stock from Speed Unlimited! Chromoly Racer Axle Spacer Kits are designed to replace the stock spacers in Swing Axle cars.

Limited Quantities - Available while supplies last!

6224	Racer Axle Spacer Kit - Type-1 Swing Axle
6226	Racer Axle Spacer Kit - Type-1 I.R.S.
6229	Chromoly Racer Axle Spacer Kit - Type-1 Swing Axle (New Old Stock)



Sway-A-Way Racing Axles

Tough Hi-Performance Racing axles. They start with superior steel, and heat treating. The axles are actually forged prior to machining.



The middle diameter of these axles is not tapered like a stock axle. The diameter is constant all the way to the spline. The design provides greater strength than stock axles.

7568	Sway-A-Way Racing Axles - Short Spline 26 11/16 - 61-66 Sedan (pair)
7569	Sway-A-Way Racing Axles - Short Spline 23 11/16 (3" shorter) Special Construction (pair)
7571	Sway-A-Way Racing Axles - Short Spline 27 13/16 - 1967 Sedan (pair)
7572	Sway-A-Way Racing Axles - Long Spline 28 7/16 - 1968 Sedan & Type-3 (all) (pair)

Performance Transaxles

From STOCK REBUILT to PRO DRAG, CB Performance is a proud distributor of both Rancho Performance Transaxles and Metalcraft Performance Transaxles, available for aircooled volkswagen vehicles.

ALL TRANSAXLES ARE SPECIAL ORDER ONLY, AND CORE CHARGES MAY APPLY.

\$330 CORE CHARGE APPLIES IF NO CORE IS SUPPLIED.

Not available for discounts, CALL FOR MORE INFORMATION.



930 Turbo Drivetrain Conversion

These parts on this page are used when converting your stock drivetrain into a beefed up 930 Turbo Drivetrain.

Rager Axles

For use with 3" x 3" Rear Control Arms, and 002, 091 Bus Trans with 930 CV Joints and Flanges.



4484 Rager Axles - 20 1/4" (pair)

930 Velocity Joint

These are ORIGINAL GKN/Loebro CV Joints. Ideal for 930 Turbo Drivetrain Conversions. Bigger, stronger, and more durable than T-1 or T-2 Velocity Joints. A must for high performance off-road IRS cars with T-2 Transmissions. **Sold Individually.**



4485 930 Velocity Joint

4481 930 CV Bolt (3/8" x 24 Thread Pitch)

Conversion Stub Axle

For use with T-1 and aftermarket control arms, and 930 Turbo Velocity Joints. **Sold Individually.**



4489 Conversion Stub Axle - fits Type-1 IRS (for use with 930 Turbo CV)

930 Drive Flanges

4483 - Fits T-1 IRS Transmission and allows use of Porsche 930 Turbo CV Joints.

4486 - The first step in beefing up your drive train. The larger flange is required to mount the 930 Turbo Velocity Joints.

4487 - Same as the 4486, but with shaft and spline to fit the 091 tranny. Uses 36mm axle nut. Sold Individually.



4483 Drive Flange - Type-1 IRS to 930 CV

4486 Drive Flange - Bus 002 to 930 CV

4487 Drive Flange - Bus 091 to 930 CV

930 Axle Boots

Boot Retaining Flange Bolts to the Velocity Joint to provide a sealing surface for the rubber CV Boot.

For use with #4491 and #4496, 930 Turbo Drivetrain Conversion. **Sold Individually.**



4490 930 Axle Boot Retaining Flange

4491 930 Axle Boot

4496 930 Axle Boot Clamp

Dropped Ball Joint Disc Brake Kits

Stopping is the other part of going! Now you can "bolt-on" a lower center of gravity, improved handling, and powerful fade resistant braking. Kit includes NEW Dropped Spindles, billet hubs, rotors, calipers, & mounting bolts. The #4177 Kit includes Cad-Plated Slotted & Drilled Rotors, which are also offered as an optional upgrade on the #4194 Kit.

- 4177 Dropped Disc Brake Kit (Ball Joint) with 5 Lug Porsche Alloy bolt pattern
- 4190 Dropped Disc Brake Kit (Ball Joint) 4 Lug 66-later Sedans & Ghias
- 4194 Dropped Disc Brake Kit (Ball Joint) WIDE 5



WIDE 5 Bolt-On Ball Joint Disc Brake Kits

Features the Early VW 5 Lug Pattern - CB's unique two piece Rotor/ Hub design is what makes this kit possible. The lug pattern is so large that an All-New Custom Rotor/ Hub Assembly had to be designed and engineered - The Hub itself is cast and machined from 356 Aluminum, heat treated to a T6 rating, then secured to a machined SAE Certified Grey Iron Rotor. Kits include NEW Rotors, Calipers/ Brackets (and mounting hardware), S/S Braided Brake Lines, Bearings, and Seals.

NOTE: Vehicles with four wheel disc brakes using a 67-later master cylinder are recommended to install a 4 lb. Residual Pressure Valve.

- 4201 Disc Brake Kit (Ball Joint) WIDE 5 Bolt-On



Standard Height Ball Joint Disc Brake Kits

Kits include standard height new spindles, new rotors, calipers & mounting bolts. Bearing & seal kits can be ordered separately.

NOTE: Vehicles with four wheel disc brakes using a 67-later master cylinder are recommended to install a 4 lb. Residual Pressure Valve.

- 4287 Disc Brake Kit (Ball Joint) 4 Lug '66-later Sedans & Ghias
- 4292 Disc Brake Kit (Ball Joint) 5 Lug Porsche Alloy bolt pattern



Dropped Link Pin Disc Brake Kits

Designed for use with 50 and 60 series tires, and featuring a 2 1/2" drop and chromoly axles. This all adds up to a perfect set of spindles that drops your car a full 2 1/2", retains stock steering geometry and stock length shocks, and improves handling.

Kits include NEW Dropped Spindles, Rotors, Calipers, S/S Braided Brake Lines, Spindle Clamp Nuts, Bearing Dust Covers, as well as all the necessary hardware, bearings, and seals required for installation.

- 4191 Dropped Disc Brake Kit (Link Pin) 4 Lug Pre-65 Sedans
- 4192 Dropped Disc Brake Kit (Link Pin) WIDE 5
- 4280 Dropped Disc Brake Kit (Link Pin) with 5 Lug Porsche Alloy bolt pattern (14mm studs pressed in)



WIDE 5 Bolt-On Link Pin Disc Brake Kits

Features the Early VW 5 Lug Pattern - CB's unique two piece Rotor/ Hub design is what makes this kit possible. The lug pattern is so large that an All-New Custom Rotor/ Hub Assembly had to be designed and engineered - The Hub itself is cast and machined from 356 Aluminum, heat treated to a T6 rating, then secured to a machined SAE Certified Grey Iron Rotor. Kits include NEW Rotors, Calipers/ Brackets (and mounting hardware), S/S Braided Brake Lines, Bearings, and Seals.

NOTE: Vehicles with four wheel disc brakes using a 67-later master cylinder are recommended to install a 4 lb. Residual Pressure Valve.

- 4202 Disc Brake Kit (Link Pin) WIDE 5 Bolt-On
- 4291 Replacement Bearing and Seal Installation Kit (for 4202 kit)



Super Beetle Disc Brake Kits

They run cooler and stop quicker. Even better, they bolt right on. Kits are available to fit all Super Beetles through 1979. Each kit includes calipers, four bolt rotors, mounting brackets, hardware, grease seal and brake lines.

NOTE: Vehicles with four wheel disc brakes using a 67-later master cylinder are recommended to install a 4 lb. Residual Pressure Valve

- 4163 to '73 1/2 (5 Lug Studs are preinstalled for 911 Alloy Wheels)
- 4164 '74-up (5 Lug Studs are preinstalled for 911 Alloy Wheels)
- 4185 '71-73 1/2 (Equipped with standard VW 4 bolt pattern)
- 4284 '74-up (Equipped with standard VW 4 bolt pattern)



2" Narrowed Front Beams (Type-1)



Designed, Engineered and Produced by CB Performance:

1. Allows for use of wider tires.
2. More tire-to-fender clearance.
3. OEM needle bearings are used for long lasting support and ease of movement through the entire range of travel. The inner bushings are made of tough wear-resistant Delrin.
4. No body modifications required.
5. Re-designed CB PUMA™ Adjusters are the most secure and quick way to set the ride height on your VW. You can go from standard height to a full 3 1/2" drop.
6. Produced in the U.S.A. by CB Performance.
7. Each beam is Jig Assembled and mig-welded to insure a perfect fit and a lifetime of reliability.
8. When lowering over 1 3/4", a shortened shock is recommended.



6277 2" Narrowed Front Beam (Ball Joint) with Puma™ Style Adjusters ('66-on)

6278 2" Narrowed Front Beam (Link Pin) with Puma™ Style Adjusters (to '65)

2" Narrowed Front Beam (Type-2)



CB has done it again! The Type 2 Narrowed Adjustable Beam. After two years of design and testing, they are here and ready for shipment!

1. Designed and engineered by CB Performance!
2. Narrowed a full 2 Inches
3. Black Powder Coating for a long lasting & durable finish.
4. Fully Adjustable! Go from stock height to slammed.
5. Includes Puma Style adjusters with precise fit teeth designed just for Type 2's
6. Added Caster for better steering stability.
7. Includes shortened steering pin for better ground clearance.
8. Fits T-2's to 1963 1/2, also late 1963 1/2 to '67 with slight modification to upper and lower torsion arms.

Custom Manufactured in the USA by CB Performance.

NOTE: These beams can be modified to -4" in about an hour. Proper shock angle must be maintained.

6300 Type-2 2" Narrowed Adjustable Beam with Puma™ Style Adjusters



FEATURES:

- New Gusseted Sideplates
- New ALL METAL large tooth/long slot adjusters. (Puma™ style)
- New Torsion Spring Centers
- New Center Pin and Shock Bushings
- New tubes and bushings

Stock Width Beams

Replacement Stock Front Beam for Link Pin Type-1 Sedans.

OEM needle bearings are used for long lasting support and ease of movement through the entire range of travel. The inner bushings are made of tough wear-resistant Micarta.

The Front Ends with PUMA™ Style Adjusters are easy to adjust and once you dial it in, it won't slip. Set it and forget it.



- | | |
|------|--|
| 6281 | Stock Width Beam (Link Pin) with Puma™ Style Adjusters (to '65) |
| 6286 | Stock Front Beam - Ball Joint ('66-on) |
| 6279 | Baja Bug Stock Width Beam (Link Pin) with Puma™ Style Adjusters (to '65) |

50/50 Beam (Link Pin)

The 50/50 PUMA™ adjustable beam is just the answer for someone that needs their ride height adjusted above or below stock. You can adjust the beam approximately 2" up or down, and anywhere in between. OEM needle bearings are used for long lasting support and ease of movement through the entire range of travel. The inner bushings are made of tough wear-resistant Micarta.

When used with dropped spindles this beam will allow you to achieve a reasonable ride height and comfortable suspension.



- | | |
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| 6293 | 50/50 Beam (Link Pin) with Puma™ Style Adjusters (to '65) |
|------|---|

OEM Adjustable Beam (Ball Joint)

We took an OEM VW Ball Joint Beam and installed German-made Puma style adjusters on it, and the results were fantastic - Nothing but Quality!

From the high quality OEM Needle Bearings in the beam, to the awesome fit of the teeth on the German PUMA style adjusters, it's a perfect way to set the ride height of your 1966 and later Type-1 Sedan or Ghia. You can go from standard height to a full 3 1/2" drop!

**Featuring
German PUMA Style
Adjusters!**



- | | |
|------|--|
| 6299 | OEM Adjustable Beam (Ball Joint) with Puma™ Style Adjusters ('66-on) |
|------|--|

Warrior Beams

The perfect item for your off-road vehicle project! Manufactured from Chromoly Steel, and jig-welded for accuracy. Available in standard or six inch wider width.

The six inch wider model is available with either 8" or 10" shock towers; the standard comes with 8" towers. The standard width also comes with single adjusters, while the six inch width comes with dual adjusters, which requires two sets of torsion leaves.



4503 Stock Width Warrior Beam with 8" shock towers - Link Pin (to '65)

4504 6" Wider Warrior Beam with 8" shock towers - Link Pin (to '65)

4505 6" Wider Warrior Beam with 10" shock towers - Link Pin (to '65)

Front Beam Adjusters

Installs in upper and lower front end cross tubes to allow 2" of adjustment, either up or down. With a full 4" of total adjustment, you can set the height and ride to fit your driving requirements. The super strong construction allows for street or off-road usage. Front end adjusters can be used on stock width or specially widened front ends.

NOTE: CUTTING & WELDING IS REQUIRED FOR INSTALLATION.

6311 Front Beam Adjuster - Link Pin (each)

6312 Front Beam Adjuster - Ball Joint (each)

6313 Front Beam Adjusters - Puma Style - Type-2 (each)

6253 Front End Adjuster - fits early Link Pin

6254 Front End Adjuster - fits late Ball Joint



6253



6254



6311



6312

Torsion Arms



The use of these will give 1 1/2" Extra Track width and extra wheel travel.

Forged trailing arms to fit warrior front axle beams, made 1 1/2" longer than stock and 3/4" wider.

4502 Torsion Arms 1 1/2 x 3/4

Torsion Arm Seals

Sold in sets of four.



211-405-129 Bus Torsion Arm Seals - to '67

6260a Torsion Arm Seals (to '65)

6260b Torsion Arm Seals ('66-on)

Steering Gear Box

Eliminate that creepy feel of a worn steering box.



New steering boxes are now available to tune up your steering and handling.

- 6248 Steering Gear Box - Super Beetle to-'74 (new)
- 6250 Steering Gear Box - Type-1 New '59-later

Steering Dampeners

- Full floating piston
- Chrome Plated Stabilizer Shaft.
- Heavy-Duty Natural Bushings
- Low Friction Hydraulic Seals
- All Weather Hydraulic Fluid
- Hardened Cylinder Tube



- 4009 Steering Dampener - Super Beetle
- 4010 Steering Dampener - Sedan
- 4012 Steering Dampener - Type-3 '61-73
- 4013 Steering Dampener - Type-2 56-79

Steering Shaft Coupler

Rugged, long lasting, and manufactured from insoform to reduce noise transfer. It's not effected by the elements, like sticky factory rubber parts so it won't rot or crack with age. Fits all types of Bugs and Baja Bugs. Bolts right in. Metal grommets are cast in for even greater strength and support. A basic Replacement Steering Shaft Coupler (#6241) is also available.



- 6213 Rhino Steering Box Coupler
- 6241 Replacement Steering Shaft Coupler

German Steering Pin Kit (Type-2)

Fits Type 2's to 1967.

Includes new Pin and Bushing.



- 6215 German Steering Pin Kit - Type-2 Replacement (to '67)

King Pin Kit

When you're upgrading to Front Disc Brakes, it's the perfect time to refresh your old and tired front end components.



Replace your worn-out King Pins with this Replacement King Pin Kit (111-498-021).

Fits Type-1 Sedans, to '65

- 4090 King Pin Kit - fits Type-1 Sedans to '65

Link Pin Set

Link Pin Set (211-498-041a).

Fits Type-2's, from 8/'63 to 7/'67



- 6306 Link Pin Set - Type-2 Bus from 8/63 to 7/67 (211-498-041a)

Super Beetle Bushing Kits

This is the kit you need to help get rid of the Super Beetle Shimmy.

Kit includes control arm bushings and sway bar bushings.



- 4368 Super Beetle Sway Bar Bushing 74-79 (pair)
- 4370 Super Beetle Bushing Kit ('71-73)
- 4371 Super Beetle Bushing Kit ('74-79)

Sway Bar Kits

The Performance Sway Bar Kit includes a powder-coated Sway Bar, urethane bushings and clamps. These Front Sway Bar Kits are 3/4" in diameter for better handling and stability through the curves.



- 4021 Narrowed Sway Bar 3/4" Diameter- Ball Joint Front End
- 4022 Narrowed Sway Bar 3/4" Diameter - Link Pin Front End
- 4023 Performance Sway Bar Kit (Ball Joint) Stock Width
- 2833 High Perf. Sway Bar Bushing Kit - fits L.P. or BJ.. Sway Bars

Sway Bar Clamp Kits

Designed to replace lost and broken front sway bar clamps. These clamps are made from stainless steel and are easier to install than stock clamp kits. A single nut is used to tighten the clamp.



- 2834 Sway Bar Clamp Kits - Front - Link Pin
- 2835 Sway Bar Clamp Kits - Front - 66-on

Caster Shims

Straighten out your act with a set of CB Caster Shims.

You can install a set in very little time with the use of only one metric wrench.

Caster Shims will help you get straight and put more fun into your ride. They fit any standard Sedan, Ghia, or Dune Buggy.



- 6215 Caster Shims (set of 2)

Torsion Leaves

6283, 6284 - Now with 10% less spring rate for that stock ride feel with a narrowed beam!

#6301 2" Narrowed Torsion Leaves are available to fit CB's #6300 Type-2 Narrowed PUMA™ Adjustable Beam.



**100% NEW
Not REBUILT!**

- | | |
|---|--|
| <ul style="list-style-type: none"> 6295 Torsion Leaves to 65 - Standard Width 6296 Torsion Leaves 66-on - Standard Width (Upper & Lower) 6298 Torsion Leaves to 65 - Standard Width (Heavy Duty) 6308 Torsion Leaves - Standard Width - Type-2 (to '67) | <ul style="list-style-type: none"> 6297 Heavy Duty Tor. Leaves '66-on, Std. Width (Upper & Lower) 6283 2" Narrowed Torsion Leaves - Link Pin 6284 2" Narrowed Torsion Leaves - Ball Joint 6301 2" Narrowed Torsion Leaves - Type 2 |
|---|--|

Complete Tie Rod Assemblies (Type-2)

Replace those worn out and rusted up stock assemblies with brand new complete Tie Rod Assemblies from CB. Sold individually as right and left sides complete and ready to bolt on with new rods and ends.



4017	Type-2 Complete Tie Rod Assembly - Adjustable (56-67) Stock Width (left)
4018	Type-2 Complete Tie Rod Assembly (68-79) Stock Width (left)
4019	Type-2 Complete Tie Rod Assembly - Fixed (56-67) Stock Width (right)
4020	Type-2 Complete Tie Rod Assembly (68-79) Stock Width (right)

2" Narrowed Tie Rod Sets



Includes 2 Rods, 4 Ends, Clamps & Lock Nuts. For use with the CB Performance Narrowed Beams. Both sides feature Adjustable ends (required when using Dropped Spindles).



4048	2" Narrowed Tie Rod Set (to '68) - Black
4049	2" Narrowed Tie Rod Set ('69 on) - Black
6302	Type-2 2" Narrowed Tie Rod Set (pair)

Stock Width Tie Rod Sets



Includes 2 Rods, 4 Ends, Clamps & Nuts.

4088	Tie Rod Set - Stock Width (to '68)
4089	Tie Rod Set - Stock Width ('69-later)

Tie Rod Ends



4078	Tie Rod End (thru 4/'68) Outer Left	4083	Tie Rod End ('69-77) Outer Right
4079	Tie Rod End (thru 4/'68) Outer Right	4084	Tie Rod End ('69-77) Inner Left
4080	Tie Rod End (thru 4/'68) Inner Left	4085	Tie Rod End ('69-77) Inner Right Steering Dampener End
4081	Tie Rod End (thru 4/'68) Inner Right Steering Dampener End	4086	Tie Rod End (Super Beetle) Outer Left or Inner Right
4082	Tie Rod End ('69-77) Outer Left	4087	Tie Rod End (Super Beetle) Outer Right or Inner Left

Sway-A-Way Front Leaf Springs

Produced from high-strength steel to withstand brutal driving conditions. The manufacturing process includes shot penning, heat-treating and pre-oiling. Models are available to fit standard or widened front ends in link pin or ball joint format.



Leaf springs are available for widened front ends upon special request.

7543	Sway-A-Way Front Leaf Springs - Link Pin - 5 leaves (20% stiffer than stock) 53-65
7544	Sway-A-Way Front Leaf Springs - Ball Joint (15% stiffer than stock) 66-on
7545	Sway-A-Way Front Leaf Springs - Link Pin - 6 leaves (13% stiffer than stock) 53-65
7546	Sway-A-Way Front Leaf Springs - Link Pin - 7 leaves (15% stiffer than stock) 53-65

Type-2 Bus Drag Link



4015	Type-2 Bus Drag Link 56-67
4016	Type-2 Bus Drag Link 68-79

Racing VW Front Snubbers

Super tough vacuum molded snubbers are designed to go the distance. You can avoid mid-race snubbers changing and slower lap times.



Sold in sets of two.

6206	Racing VW Front Snubbers (set of 2)
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Long Axle Beam Mounting Bolts



Used to mount Type-1 Front Beams (link pin and ball joint, except Super Beetle) with caster shims.

Sold in sets of 2.

6222	Long Axle Beam Mounting Bolts (set of 2)
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Axle Beam to Body Bushing

Use these when you are installing a new Front Beam in your Type-1 Sedan.



Sold in pairs.

6290	Axle Beam to Body Bushing (set of 2)
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8mm Grease Zerk

Fits Type-1 Axle Beams and CB's Type-1 Narrowed Beams and Type-2 Narrowed Beams.



Each Beam requires 4 Grease Zerks.

Sold Individually.

6266	8mm Grease Zerk (each)
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CB's Dropped Spindles

A smoother ride and that low custom Cal-Look for ball joint or link pin front ends.

CB's all new Dropped Spindles are manufactured from all new castings and feature Chromoly axles. Stronger and narrower than welded spindles! Dropped Spindles maintain factory steering geometry and you can use stock length shocks.

Disc brake models use late model four bolt rotors.

Disc brake rotors are also available to fit five bolt Porsche 911 Alloys. Your VW will handle and ride better with a set of CB's Dropped Spindles.

Not Available for Super Beetles or Buses. Sold in Pairs.

NOTE: CB Dropped Spindles drop your ride a full 2 1/2" and extend the tires out 1/4" on either side.

FEATURES:

- CNC Machined from New Castings for a Perfect Fit!
- Maintains Factory Steering Geometry
- Improves ride & handling
- Full 2 1/2" Drop
- Chromoly Axles
- Stronger than Welded Spindles
- Narrower than Welded Spindles

WORKS WITH:

- 50 and 60 series tires
- VW Rotors
- Standard Length Shocks
- Standard VW bearings and seals

**Bolt on a
2 1/2" Drop!**

MADE IN THE
USA!

2 1/2"
DROP

4060	Dropped Disc Spindles (Link Pin) fits up to 65 Sedan - uses late 4 bolt rotors & bearings (1 pair)
4061	Dropped Disc Spindles (Ball Joint) 4 Lug VW Pattern (1 pair) fits Type-1 Ball Joint Front Ends, '66-77
4062	Dropped Drum Spindles (Link Pin) fits up to 65 Sedan uses early 5 bolt drums & bearings (1 pair)
4063	Dropped Drum Spindles (Ball Joint) 4 or 5 Lug VW Pattern (1 pair) fits Type-1 Ball Joint Front Ends, '66-77

Front Wheel Bearings

All bearings are precision manufactured to meet or exceed factory specifications.



111-405-625a	Front Wheel Bearing - Sedan & Ghia to 65 - Inner
111-405-645a	Front Wheel Bearing - Sedan & Ghia to 65 - Outer
211-405-625d	Taper Roller Bearing - Inner 59mm Type-2 '64-'79
211-405-645d	Taper Roller Bearing - Outer 45mm Type-2 8/'63-'80
311-405-625	Front Wheel Bearing - Inner 8/'65-5/'68
311-405-625b	Front Wheel Bearing - Inner Type-1 & Type-3 6/'68-on
311-405-645	Taper Roller Bearing - Outer Front Wheel Type-1 & Type-3 from 8/'65-'75

Front Wheel Seal



111-405-641a	Front Wheel Seal to 65
111-405-641b	Front Wheel Oil Seal 6/'68-'79
131-405-641a	Front Wheel Seal - 8/65-5/68

Bearing and Seal Installation Kit

Kit includes Inner & Outer Tapered Roller Bearings and Grease Seals (both left / right) required to replace brake drums or install disc brakes.

Fits all Ball Joint '68 and later front ends.



4290	Bearing and Seal Installation Kit
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Splindle Nuts

Replace worn and stripped axle or splindle nuts with OEM quality parts.



4345	Spindle Nut Sedan '54-65 (front)
4346	Spindle Nut '66-on (pair)
4347	Spindle Nut Locking Tab (111-405-681) '54-65 Sedans

Disc Brake Conversion Installation Kit

Disc Brake Conversion Installation Kit for Super Beetles.



4186	Disc Brake Conversion Installation Kit - Super Beetle
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Ball Joints

Here's a complete selection of hard to find front end ball joints. These parts are manufactured by OEM suppliers and are top quality.



- 4030 Ball Joint Super Beetle 71-73 (each - L or R)
- 4031 Ball Joint Super Beetle 74-79 (each - L or R)
- 4032 Ball Joint Type-3 Upper (each)
- 4033 Ball Joint Type-3 Lower (each)

- 4034 Ball Joint Type-2 68-on - Fits Upper or Lower (each)
- 4076 Type-1 Ball Joint - Upper (pair)
- 4077 Type-1 Ball Joint - Lower (pair)

Radiused Ball Joints

Allows the extra clearance necessary for raised or lowered axle beams.

Stock ball joints can bind and even break when wheel travel is maxed out.

If you are going to slam or build a high riding Baja, you need Radiused Ball Joints!



- 4073 Radiused Ball Joints - Upper (pair)
- 4074 Radiused Ball Joints - Lower (pair)

Ball Joint Eccentric (OEM)

Original Replacement Camber Caster Eccentrics.

Replaces damaged, rusty eccentrics when installing Dropped Spindles or Rebuilding your Ball Joint Front End. **Sold Individually.**



- 4374 Ball Joint Eccentric - OEM (each)

Racing Spindle Clamp Nuts

Designed for use on all early front ends.

They replace the standard double nut and allow for precision bearing adjustment.

Sold in sets of 2.

Also fits link pin spindles on Spindle Mount Wheels (set of 2).



- 6238 Racing Spindle Clamp Nuts

Ball Joint Thrust Washer

Sold Individually.



- 4350 Ball Joint Thrust Washer (each)

Stock Front Shock

Requires 3993 for installation.



3989 Stock Front Shock - 66-later (requires 3993)

Heavy Duty Shock Absorbers

The unmatched design and construction of these heavy-duty shocks assure superlative performance in all types of driving conditions. They feature a seamless eye-mounting ring to prevent breakage. A special multi-lip seal is used to keep the oil in and the dirt out. The piston rod is hard chromed for long life and all shocks have a built in recoil stop.



3990 Heavy Duty Shock Absorbers - Front to 65
3992 Heavy Duty Shock Absorbers - Front 66-on

Front Shock Mounting Kit

A must with original replacement shocks. Replaces worn and defective mounts for added safety.

These brand new mounts are designed to improve the handling and ride of your VW.

Shipped complete and ready to install in sets of 2.



3993 Front Shock Mounting Kit (pair) fits 66-later

Front Gas-A-Just Shock

They use a combination of highly pressurized nitrogen gas and a full floating piston to prevent foaming of shock absorber fluid at all times, resulting in an automatically adjustable shock absorber that will meet all road and driving conditions. The installation of KYB Gas-A-Just Shock Absorbers will result in longer tire wear and increased gas mileage. Reduced sway, vehicle motion and bounce mean less wear on your complete suspension system and increased driver comfort.



3999 Front Gas-A-Just Shock - fits Sedan to 1965 & Type 2 1968 - On (each)
4001 Front Gas-A-Just Shock - fits Sedan 66-later (each)

Chrome Gas Shock

These high-polish chrome gas shocks will give your car the show quality look and ride you have been looking for. They feature oil resistant weatherproof synthetic rod seals, competition one way check valve, sintered iron rod guide with a sulfurized surface, high polished hard chrome piston rod, automatic rebound and compression valve which adjusts to terrain changes. NOTE: These Shocks are not recommended for off-road use, and carry no warranty for such use.



4028 Gas Shock - Chrome - Type-1 Front 66-on (each)

Adjustable Chrome Spring Shocks

Beef up the front end of your Ball Joint Type-1 Beam! A must when installing wide wheels or heavy hauling. They can also be used to customize and beef up dune buggy front suspensions. Can be adjusted right on the car!



4036 Adjustable Chrome Spring Shocks (front) for use on all VW Sedans - '66-later - Non-Superbeetle (1 pair)

Cal-Look Front Shocks

Shorter than standard VW front shocks. The perfect application for VW sedans running the new lower front end "California Look". These heavy-duty shocks have been computer tuned for comfort and ride control. They provide smooth steady performance on Radial or Bias Ply tires. *Will not fit Super Beetles.



- 4038 Cal-Look Front Shocks to 65 (each)
- 4039 Cal-Look Front Shocks from 66 (each)

KYB Road Tamers

Featuring the proven concept of internal gas pressure to eliminate the two greatest problems of normal shocks, aeration and cavitation. They feature an oversize gas pressure chamber, anti-foam valve, multi-lip seal, and chromed piston to reduce friction. Gas Shocks self adjust to help you meet road conditions.



- 4095 KYB Road Tamers - Gas Shock (each)
- 4096 KYB Road Tamers - Gas Shock, T-1 '66-on Ball Joint (each)

Super Beetle Strut

4040 - The strut is 16 1/2" in length and the stud is 3 5/16" long, for a total compressed length of 19 13/16". Includes one bushing and one lock nut.

4041 - The strut is 14" in length and the stud is 2 7/16" long, for a total compressed length of 16 1/2". Includes one end cap and one lock nut.

4047 - The strut is 14" in length and the stud is 3" long, for a total compressed length of 17". Includes one end cap.



- 4040 Super Beetle Strut ('71-73)
- 4041 Super Beetle Strut ('73-75)
- 4047 Super Beetle Strut ('75-79)

Adjustable Super Beetle Struts

Lower the front of your Super Beetle and maintain a smooth comfortable ride by installing a set of Adjustable Struts. You use your existing springs without welding. Shorter length shocks are required because standard shocks are too long. Choose up to 6 different height settings, from 2" to 4" drop.

Two models of Lowered Struts and special shocks are available: one model fits 1971 through 1973 and the other fits 1974 and later Super Beetles.

- 4445 Super Beetle Struts - Adjustable Lowering Strut 71-73 (pair)
- 4446 Super Beetle Struts - Adjustable Lowering Strut 74-79 (pair)
- 4447 Super Beetle Struts - Adjustable - Special Shock Insert 71-73 (pair)
- 4448 Super Beetle Struts - Adjustable - Special Shock Insert 74-79 (pair)



Master Cylinders

Don't waste your valuable playing time trying to rebuild a master cylinder that can't be rebuilt. Replace it with a brand new one!

Brand new VW Master Cylinders are manufactured by one of the leading suppliers of brake cylinders.

113-611-015bd



113-611-015bdd



311-611-015j



311-611-015j

113-611-015bd Master Cylinder - Type-1 '67-on (Standard Beetle)

113-611-015bdd Master Cylinder - Type-1 '67 on (Disc Brakes)

113-611-015bh Master Cylinder - Super Beetle '71-on

113-611-021c Master Cylinder - Type-1 to '64

113-611-023b Master Cylinder - Type-1 '65-66

211-611-011j Master Cylinder - Type-2 to 7/'66 (22.2mm)

211-611-021aa Tandem M.C. 23.8mm T-2 w/Servo 8/'67-7/'75

311-611-015j Master Cylinder Type-3 from '67

Brake Fluid Reservoirs

The Single Circuit Master Cylinder Reservoir (#113-611-301g) works with the Master Cylinder to '64 (#113-611-021c), or the Master Cylinder '65-66 (#113-611-023b).

The Dual Circuit Master Cylinder Reservoir (#6085) works great with the '67-on Master Cylinder (#113-611-015bdd) when doing a disc brake conversion, or you can use it on your stock Dual Circuit Master Cylinder. The Sand Buggy Master Cylinder Reservoir (#6109) is for use with the Sand Buggy Master Cylinder (#6080).

113-611-301g



113-611-301l



6085



6109



113-611-301g Single Circuit Master Cylinder Reservoir

113-611-301l Brake Reservoir for Dual Circuit Master Cylinder (Type-1 '68-79)

6085 Dual Circuit Master Cylinder Reservoir

6109 Sand Buggy Master Cylinder (Reservoir Only)

Tandem Master Cylinder

Now is a good time to upgrade your old Master Cylinder to a Tandem Style Master Cylinder, which separates your front and rear brakes, for added safety and peace of mind. Use your existing Steel Brake Lines, or purchase new ones here: #3958 (8") & #3960 (20"). Add some Rear Stainless Steel Brake lines for a show quality installation.

Includes the following components:

#113-611-015bd - Master Cylinder Type-1 '67-on (Standard Beetle)

#6085 - Dual Circuit Master Cylinder Reservoir

#4339 - Master Cylinder Plug

#5087 - Stop Light Switch - 2 terminal - blade type

6090 Tandem Master Cylinder Kit



DOT Stainless Steel Brake Lines

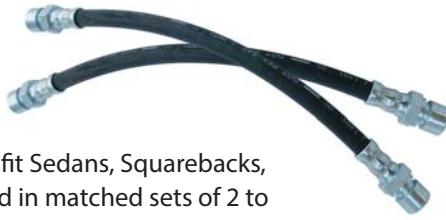
Pre-assembled to fit your custom VW perfectly, they are the finest quality stainless steel brake lines you can run. They are manufactured from 100% stainless steel, braided around a Teflon inner tube, covered with clear rubber tubing, and pressure tested to over 19,000 lbs.

4294	fits Type-1 Super Beetles, '71-on (female/female) Front
4316	fits Type-3 '65-on w/drum brakes (male/female) Front
4317	fits Type-3 '65-on w/disc brakes (male/female) Front
4320	fits Type-1, up to '66 (male/female) Front
4321	fits Type-1 '67-on w/drum brakes (male/female) Front
4322	fits Type-1 '67-on w/disc brakes (male/female) Front
4325	fits Type-1 '65-66 and Type-2 '56-67 (male/female) Front



You will have the custom looks and the precision of steel braided line when you install a set of CB's new DOT approved Stainless Steel Brake Lines.

Front Brake Hose



OEM style Brake Hoses to fit Sedans, Squarebacks, and T-2 requirements. Sold in matched sets of 2 to provide you with ease of replacement and improved braking.

4267	fits Type-1's '54-64 (pair)
4269	fits Type-2 Transporter '55-67 (pair)
4274	fits Fastback & Squareback '67-on (pair)
4276	fits Type-1, 8/64 to 7/66 - Drum Brakes (pair)
4278	fits Type-1 '67-77 - Drum Brakes (pair)
4365	fits Super Beetles '71-73 (pair)
4366	fits Super Beetle 8/73 and later (pair)

Brake Hose

Sold by the foot. This is the replacement hose that fits between the brake fluid reservoir and master cylinder.



This hose is custom formulated just for use with brake fluid.

****CAUTION: do not use the cloth braided fuel hose for this application, it will break down and plug up your brake system!****

2775	Brake Hose (by the foot)
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Complete Steel Brake Line Kit



5070	Complete Steel Brake Line Kit - Sedan & Ghia '56-64
5072	Complete Steel Brake Line Kit - Sedan & Ghia '66-68
5071	Complete Steel Brake Line Kit - Sedan & Ghia '69-on
5073	Complete Steel Brake Line Kit - Super Beetles (All Years)

Steel Brake Line

Available in 7 lengths.



3958	Steel Brake Line - 8" Length
3959	Steel Brake Line - 12" Length
3960	Steel Brake Line - 20" Length
3961	Steel Brake Line - 30" Length
3962	Steel Brake Line - 40" Length
3963	Steel Brake Line - 51" Length
3694	Steel Brake Line - 60" Length

Black Cross-Drilled & Slotted Rotors

These beautifully machined cross-drilled and slotted brake rotors give you incredible stopping power. The cross-drilled holes are chamfered to eliminate cracking and move air away from the disc surface while reducing surface temperature, eliminating hot spots and warping. Cross-drilled brake discs are machine-balanced, with a double disc ground surface.

Sold in left or right (also available as an upgrade on Wide-5 Disc Brake Kits) and come zinc coated to help prevent rusting and give you a performance race look. These will help keep brake temps down, reduce brake fade and improve braking in wet conditions. For use with CB's WIDE 5 Front Disc Brake Kits only.



- | | |
|------|--|
| 4160 | Black Cross-Drilled & Slotted Rotor - Front Driver Side (Left) |
| 4161 | Black Cross-Drilled & Slotted Rotor - Front Passenger Side (Right) |

Front Replacement Rotors

Front Replacement Rotors to fit CB's WIDE 5 Disc Brake Kit or 4 Lug vehicles in a variety of years.



- | | |
|-------------|--|
| 4184 | Front Replacement Rotor - WIDE 5 (Rotor Only) |
| 113-407-075 | Front 4 Lug Disc Rotor - fits Type-1 '68-78, Ghia '67-74, Type-3 through 4/'71 |

5 Lug Porsche Front Rotor

All new design with a CNC machined 6061 billet hub, black cad-plated cross-drilled & slotted rotor, with Sway-A-Way 14mm studs pressed in.

Fits 5 x 130mm bolt circle Porsche wheels and does not increase the track width of your front end.

Available to fit CB Disc Brake Kits - uses Ball Joint bearings.

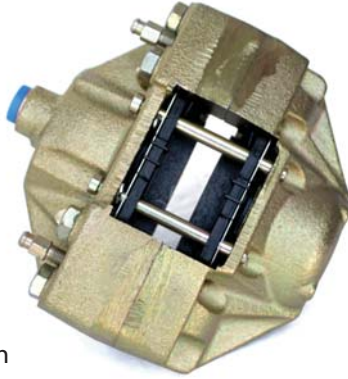


- | | |
|------|---|
| 4182 | Front Replacement Rotor - 5 Lug Porsche w/14mm Pressed In (specify left or right) |
|------|---|

Replacement Front Caliper

Fits '67-2/71 Type-3 Squareback and Fastback Front Ends.

Also fits '67 & later Ghias equipped with disc brakes. Used on most Type-1 ball joint and link pin disc brake conversion kits with four bolt wheel patterns.



4193 Front Caliper - fits Type-3 and Type-1 Disc Brake Conversion Kits

Front Brake Pads

Sold in sets of four.



4170 Transporter, fits '71-'72 (front disc)
 4171 Transporter, fits '73-'79 (front disc)
 4173 Squareback & Fastback, fits '65-'70 (front disc)
 4174 Squareback & Fastback, fits '71-later (front disc)

WIDE 5 Front Calipers

This is a replacement Front Caliper for CB's WIDE 5 Front Disc Brake Kits.



4188 Wide 5 Front Caliper (CB 4192/4194 Driver side) or (CB 4201/4202 Passenger side)

4189 Wide 5 Front Caliper (CB 4192/4194 Passenger side) or (CB 4201/4202 Driver side)

CB WIDE 5 Front Disc Brake Pads

Replacement Disc Brake Pads for CB Performance WIDE 5 Front Disc Brake Kits.



Sold in sets of four.

4645 WIDE 5 Disc Brake Pads for Varga Brand Calipers (set of 4)
 4646 WIDE 5 Disc Brake Pads for CB Brand Calipers (set of 4)

One Man Brake Bleeder Screws

Now you can bleed your brakes without help. Just install One Man Bleeder Screws in each wheel cylinder and you can do the job in just minutes without a mess and without the danger of air leaking back into the system. They are easy to use and once tightened, provide a leak proof seal.



Sold in sets of two.

4703 One Man Brake Bleeder Screws - fits CNC & Jamar disc brake calipers (set of 2) 1/4" x 2.8

**CHECK US OUT
 ONLINE AT
cbperformance.com**

**And Follow us on Social Media:
[Facebook.com/CBperformance](https://www.facebook.com/CBperformance)
[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)**

Front Brake Drums

Replacement Front Brake Drums, for use on a variety of applications.

113-405-615a

131-405-615a



111-405-615b

113-405-615d

113-405-615a	Front Brake Drum - Type-1 to '65
131-405-615a	Front Brake Drum - Type-1 '66-67
111-405-615b	Front Brake Drum - 4 Hole Type-1 from 8/67 (Except Super Beetles)
113-405-615d	Front Brake Drum - Type-1 '71-79 Super Beetle

Front Wheel Cylinder

All new Wheel Cylinders are manufactured by a leading supplier for VW and exceed most specifications.



113-611-057b	Front Wheel Cylinder ('58-64)
131-611-057	Front Wheel Cylinder ('65-78)
211-611-069c	Front Wheel Cylinder (Left T-2 8/'63-7/'70 25mm)
211-611-070c	Front Wheel Cylinder (Right T-2 8/'63-7/'70 25mm)
361-611-067a	Front Wheel Cylinder (Super Beetle 24mm '71-79)
4145	Brake Adj. Star Wheels, 64-65 (each)

Brake Shoes

Replacement Front Brake Shoes to fit your specific application.



Sold in sets of four.

4149	Brake Shoes - '63-70 Transporter (front)
4151	Brake Shoes - '54-57 Sedan (front)
4154	Brake Shoes - '58-64 Sedan (front)
4156	Brake Shoes - '65-on Sedan (front)
4158	Brake Shoes - '71-on Super Beetle (front)

Brake Spring Kit

Re-new your brakes with a Complete Brake Spring Kit.

Each kit includes springs and clips for 2 wheels.



4300	Brake Spring Kit, to '64 (front)
4302	Brake Spring Kit, '65-79 (front)
4305	Brake Spring Kit, Type-2 fits '63-8/'70 (front)

Bearing Dust Covers

Wheel Bearing Dust Covers, also known as a Grease Cap or a Dust Cap.

Keeps dust and other debris out of your front wheel bearings.



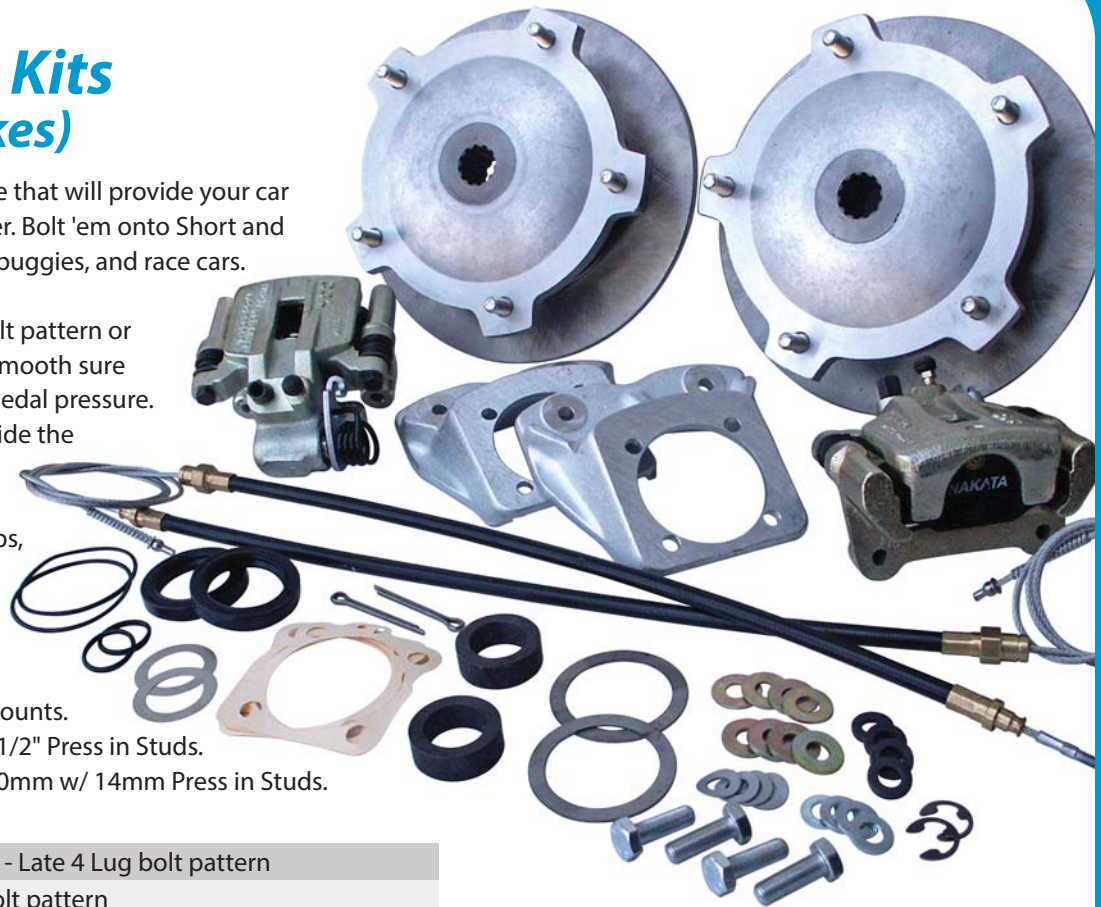
4342	Bearing Dust Cover (set of 2)
4343	Bearing Dust Covers - Ball Joint (pair)

Rear Disc Brake Kits (with Parking Brakes)

This is the original race proven package that will provide your car with dynamic non-fade stopping power. Bolt 'em onto Short and Long Swing Axles or IRS Sedans, dune buggies, and race cars.

The kits are available with late 4 lug bolt pattern or 5 lug Porsche Alloy pattern. You'll get smooth sure footed stopping power with reduced pedal pressure. The cable pull parking brakes will provide the safety and security you demand, on or off the road. All parts are brand new, race quality, and feature steel billet hubs, press in studs, 914 rotors and high performance OEM calipers with parking brakes and cables.

Features High Strength Alloy Caliper Mounts.
Late 4 Lug Bolt Pattern: 4 x 130mm w/ 1/2" Press in Studs.
Porsche Alloy 5 lug bolt pattern: 5 x 130mm w/ 14mm Press in Studs.



4197	fits long swing axle, 1968 only - Late 4 Lug bolt pattern
4198	fits IRS '69-later - Late 4 Lug bolt pattern
4299	fits short swing axle to '67 - Late 4 Lug bolt pattern
4357	fits short swing axle to '67 - Porsche Alloy 5 Lug bolt pattern
4358	fits long swing axle, 1968 only - Porsche Alloy 5 Lug bolt pattern
4359	fits IRS '69-later - Porsche Alloy 5 Lug bolt pattern
4640	fits short swing axle to '67
4641	fits long swing axle, 1968 only
4642	fits IRS '69-later

**DISC BRAKE KITS
come COMPLETE and
READY TO BOLT-ON!**

Competition Rear Disc Brake Kits (without Parking Brakes)

The strongest most powerful Rear Disc Brake Kit you can bolt on to your VW. Available with late 4 lug bolt pattern or 5 lug Porsche Alloy pattern.

All parts are brand new, race quality, and feature steel billet hubs, press in studs, 914 rotors and high performance OEM calipers with parking brakes and cables. Features High Strength Z-21 Alloy Caliper Mounts. Kits come complete ready to bolt on.

4270	fits short swing axle to '67 - Late 4 Lug bolt pattern
4271	fits long swing axle, 1968 only - Late 4 Lug bolt pattern
4272	fits IRS '69-later - Late 4 Lug bolt pattern



ROTOHUB™ Rear Disc Brake Kit (With Parking Brakes)

Awesome non-fading stopping power at a new low price. Complete Rear Disc Brake Kits with 4 bolt and 5 bolt Porsche Alloy lug patterns are now available with NEW one piece rotors to fit long and short axles. Kits with blank rotors are also available.

4620	fits short swing axle to '67 - Late 4 lug bolt pattern
4621	fits long swing axle, '68 only - Late 4 lug bolt pattern
4622	fits IRS '69 and later - Late 4 lug bolt pattern
4623	fits short S/A (to '67) Porsche Alloy 5 lug bolt pattern
4624	fits long S/A ('68 only) Porsche Alloy 5 lug bolt pattern
4625	fits IRS '69-later - Porsche Alloy 5 lug bolt pattern
4629	fits short swing axle to '67 - Blank ROTOHUBS
4630	fits long swing axle, '68 only - Blank ROTOHUBS
4631	fits IRS '69 and later - Black ROTOHUBS



**BOLT 'EM ON,
RIGHT OUT OF THE BOX!**

ROTOHUB™ Rear Disc Brake Kit (Without Parking Brakes)

One piece rotors with 14mm threads, double action calipers, High Strength Z-21 Alloy Caliper Mounts, hardware, and seals are included.

4626	fits short swing axle to '67 - Late 4 lug bolt pattern
4627	fits long swing axle, 1968 only - Late 4 lug bolt pattern
4628	fits IRS '69-later - Late 4 lug bolt pattern
4632	fits short swing axle to 1967 - BLANK Rotors
4633	fits long swing axle, 1968 only - BLANK Rotors
4634	fits IRS 1969 and later - BLANK Rotors



JAMAR WIDE 5 Drag Brakes

This kit is for the serious competitor!

Designed to stop a drag car at 150 mph and will handle 1000 horsepower!

Made from the highest quality billet, this is the best kit for sand, drag, or off-road.



6172	JAMAR Wide 5 Drag Brakes - 4 Piston Caliper - Short Axle
------	--

Rear Replacement Rotors

Front Replacement Rotors are also available.

4356	fits Porsche Alloy 5 Lug Bolt Pattern (each)
4600	Blank (short)
4601	Blank (long)
4602	4 Laug (short)
4604	5 Lug Porsche (short)
4605	5 Lug Porsche (long)
4606	Porsche 4 Lug Rotor (not ROTOHUB™) - RACE STRENGTH
4607	Wide 5 Rotor Only



Rear Brake Calipers

For use with CB Performance Rear Disc Brake Systems.



4199	Rear Brake Caliper - Left
4200	Rear Brake Caliper - Right
4644	Disc Brake Pad Replacements for Rear Disc Brake Kits with Emergency Brake Cables (sets of 4)

Emergency Brake Handle Kit



This is the hot set up for fast, easy installation.

It includes all those parts that you couldn't find at your local parts store. It fits all VW Sedans and Squarebacks.

4841	Emergency Brake Handle Kit - Black
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Rear Brake Drums



113-501-615d	Rear Brake Drum (5 hole) fits 58-67 Type-1
113-501-615J	Rear Brake Drum (4 hole) fits 68-78 Type-1
211-501-615a	Rear Brake Drum Type-2 '55-'63
211-501-615e	Rear Brake Drum Type-2 '64-'67

113-501-615j	
211-501-615g	Rear Brake Drum Type-2 8/'67-7/'70
211-609-615	Rear Brake Drum Type-2 8/'70-7/'79
311-501-615e	Rear Brake Drum - fits '67 Type-3

Brake Spring Kit

Re-new your brakes with a Complete Brake Spring Kit. Brake return springs are just about the most over looked part in your brake system. If they get rusty, over heated, or fail due to various problems, your brakes will drag or even lock up. Don't gamble with faulty brake springs, go with a set of brand new factory fresh springs and retaining clips. We've got them to fit most popular applications. Each kit includes springs and clips for 2 wheels.



- 4301 Brake Spring Kit - Type-1 fits to '64 (rear)
- 4303 Brake Spring Kit - Type-1 fits '65-'79 (rear)
- 4304 Brake Spring Kit - Type-2 fits '63-8/'70 (rear)
- 4308 Brake Spring Kit - Type-3 fits 8/'67-on (rear)
- 4309 Brake Spring Kit - Vanagon fits 5/'79-on (rear)

Rear Wheel Cylinder

Rebuilding Brake Wheel Cylinders is a thing of the past!

When you are talking brakes, save the gambling for the Casinos and use all new Brake Wheel Cylinders on your car.

All new Wheel Cylinders are manufactured by a leading supplier for VW and exceed most specifications.



- | | | | |
|--------------|--|--------------|--|
| 113-611-053b | Rear Wheel Cylinder 17mm Type-1 from 8/'67-79 | 211-611-047c | Rear Wheel Cylinder - Type-2 (to 7/71) |
| 113-611-055c | Rear Wheel Cylinder 19mm Type-1 to 10/'57-7/'64 | 211-611-047d | Rear Wheel Cylinder - Type-2 24mm ('71-later) |
| 131-611-055 | Rear Wheel Cylinder 19.5mm Type-1 to 8/'64 - 7/'67 | 311-611-067c | Rear Wheel Cylinder 22mm Type-3 from 8/'64 Except Wagon '65 Type-4 |

Brake Shoes

Rear Brake Shoes for VW Sedans.

Sold in sets of four.



- | | | | |
|------|---|------|--|
| 4155 | Brake Shoes - '58-'64 Sedan (rear) | 4166 | Brake Shoes - '63-69 Transporter (rear) |
| 4157 | Brake Shoes - '65-67 Sedan (rear) | 4167 | Brake Shoes - '70-'71 Transporter (rear) |
| 4159 | Brake Shoes - '68-on Sedan (rear) | 4168 | Brake Shoes - '72 only Transporter (rear) |
| 4165 | Brake Shoes - '56-63 Transporter (rear) | 4169 | Brake Shoes - '73-'78 Transporter (rear) |
| | | 4172 | Brake Shoes - Type-3 Squareback & Fastback '63-73 (rear) |

Emergency Brake Cables

If your brake shoes are in good shape, but you can't get the slack out of your hand brake, you probably need a set of new parking brake cables.

113-609-721b	Type-1 '55-58
113-609-721f	Type-1 8/57-7/65 1752mm
113-609-721l	Type-1 8/65-7/67
113-609-721j	Type-1 '68-72 IRS
113-609-721m	Type-1 & SB 8/67-7/72 1722mm
133-609-721	Type-1 '73-later
211-609-701f	Type-2 '63-67
211-609-701l	Type-2 '68-71
211-609-701t	Type-2 '72-79 2960mm



Axle Nuts & Cotter Pins

Replace worn and stripped axle nuts with OEM quality parts.

CB now stocks these hard to locate items.



6242	Cotter Pin - Rear Axle Type-1
6243	Cotter Pin - Rear Axle Type-2
6257	Axle Nut (Type 2) '64-79 (rear) 211-501-221a
6258	Axle Nut - to 67 (rear) 111-501-221
6259	Axle Nut - 68-on (rear) 311-501-221

Axle Spacers

Here's the answer to narrow drums or rotors and long axles.

Axle Spacers fit between the axle nut and the drum or rotor to allow the use of narrow (early) components on long axles.

Axle Spacers are manufactured from heat treated Chromoly and can be used on all T-1 and T-3 swing axle and IRS axles.



4655	Axle Spacers - IRS or Longaxle
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Rear Axle Seal Kit

Here's everything needed to re-seal your rear axles.

Each kit includes 1 axle seal, gasket, O-ring, and cotter pin.

Two kits are all that's required to completely re-seal both rear axles.



4691	Rear Axle Seal Kit
------	--------------------

IRS Final Drive Seal

Final Drive Seal, Type-1 '69-79 w/IRS.

This seal fits around the side drive flanges on an IRS Transmission.

36mm Inner Diameter x 60mm Outer Diameter x 10mm Thickness



113-301-189f	Type-1 IRS Final Drive Seal
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DOT Stainless Steel Brake Lines

Pre-assembled to fit your custom VW perfectly, they are the finest quality stainless steel brake lines you can run. They are manufactured from 100% stainless steel, braided around a Teflon inner tube, covered with clear rubber tubing, and pressure tested to over 19,000 lbs.

You will have the custom looks and the precision of steel braided line when you install a set of CB's new DOT approved Stainless Steel Brake Lines.



- | | |
|------|---|
| 4318 | fits Type-3 '65-on Swing Axle (female/female) Rear |
| 4319 | fits Type-3 '68-on IRS (male/female & fem/fem) Rear |
| 4323 | fits Type-1 Swing Axle (female/female) Rear |
| 4324 | fits Type-1 IRS (male/female) Rear |



Rear Brake Hose

OEM style Brake Hoses to fit Sedans, Squarebacks, and T-2 requirements.

They are sold in matched sets of 2 to provide you with ease of replacement and improved braking.



- | | |
|------|---|
| 4268 | Rear Brake Hose - fits Sedans 54-67 (pair) |
| 4273 | Rear Brake Hose - fits Type-2 Transporter 55-67 (pair) |
| 4275 | Rear Brake Hose - Fastback & Squareback - fits 61-68 (pair) |
| 4279 | Rear Brake Hose - fits Sedan 69-on (pair) |
| 4364 | Rear Brake Hose - Fastback & Squareback - fits 69-on (pair) |

Rear Axle Seals

The 113-501-315 Rear Axle Seal fits T-1 & T-3 Swing Axle & IRS models.

The 113-501-315h Type-1 IRS Inner Axle Seal



- | | |
|--------------|----------------------------|
| 113-501-315 | Rear Axle Seal |
| 113-501-315h | Type-1 IRS Inner Axle Seal |

Rear Axle Bearings

High Quality Rear Axle Bearings are now available to fit your specific application.



- | | |
|--------------|--|
| 113-501-277a | Rear Axle Bearing - Type-1 & 3 IRS 69-on (outer) |
| 113-501-283 | Rear Axle Bearing - Type-1 & 3 IRS 69-on (inner) |
| 311-501-283 | Rear Axle Bearing - Type-1 & 3 Swing Axle to-68 |



Heavy Duty Shock Absorbers

The unmatched design and construction of these heavy-duty shocks assure superlative performance in all types of driving conditions. A special multi-lip seal is used to keep the oil in and the dirt out. The piston rod is hard chromed for long life and all shocks have a built in recoil stop. Grip the road with Heavy Duty Shock Absorbers.



- 3991 Heavy Duty Shock Absorbers - Rear All
- 3994 Heavy Duty Shock Absorbers - Rear 69-on Type-1

Rear Gas-A-Just Shock

The combination of nitrogen gas, floating piston and precision machining result in an automatically adjustable shock absorber that will meet all road and driving conditions. They will result in longer tire wear and increased gas mileage. Reduced sway, vehicle motion and bounce mean less wear on your complete suspension system and increased driver comfort.

- Expanded Measurement (eyelet to eyelet): 16"
- Compressed Measurement (eyelet to eyelet): 10 5/8"



- 4000 Rear Gas-A-Just Shock - fits Sedan (each)
- 4002 Rear Gas-A-Just Shock - fits Type-2 from '68 (each)

Adjustable Chrome Spring Shocks



Now you can easily beef up the rear end of your VW with a set of fully adjustable chrome shocks. A must when installing wide wheels or heavy hauling. They can also be used to customize and beef up dune buggy rear suspension. They're the perfect application for lightweight sand machines.

- 4035 Adjustable Chrome Spring Shocks (rear) for use on all VW Sedans & Squarebacks to '75. Also fits Type-2 VW Vans to '67 (1 pair)

Shock Bolt Kit

Replace your rusted, tired old shock mount bolts. They are manufactured from high tensile strength 8.8 grade steel.



Can be used for off-road racing, Dune Buggies, Baja Sedans or to beef up the suspension on stock street equipment.

They are custom plated to prevent rust and corrosion. Shipped with plated washers and shake proof lock nuts where applicable.

- 4071 Shock Bolt Kits - Heavy Duty - Rear (to 68) includes 4 bolts, 8 washers & 4 shake proof nuts
- 4072 Shock Bolt Kits - Heavy Duty - Rear (69-on) includes 4 bolts, 8 washers & 4 shake proof nuts

Swing Axle Boot Kit

Replace worn and ripped Axle Boots to keep the grease in and the dirt out.

The boots are all original and easy to install. Each VW Axle Boot Kit is complete with all clamps and hardware. Manufactured in Germany to original factory specs. Clamps may vary in kits.



4690 Swing Axle Boot Kit (each)

IRS Axle Boot Kit

Replace worn and ripped Axle Boots to keep the grease in, and the dirt out. They are all original and easy to install. Shipped complete with all clamps and hardware. Manufactured in Germany to original factory specifications.



4692 Axle Boot Kit - IRS '69-on (each)

4693 IRS Boot Kit - Type-2 Bus 68-on (each)

Sway-A-Way Racing Axles

Tough Hi-Performance Racing axles. They start with superior steel, and heat treating. The axles are actually forged prior to machining. The middle diameter of these axles is not tapered like a stock axle.

The diameter is constant all the way to the spline. The design provides greater strength than stock axles.



7568 Short Spline - 26 11/16" - '61-66 Sedan (pair)

7569 Short Spline - 23 11/16" (3" shorter) Special Construction (pair)

7571 Short Spline - 27 13/16" - '67 Sedan (pair)

7572 Long Spline - 28 7/16" - '68 Sedan & Type-3 (all) (pair)

Sway-A-Way IRS Axles

30% stronger than stock axles. Available in special lengths to facilitate conversion projects.



Sway-A-Way IRS Axles feature longer splines, and are designed to absorb a large portion of the shock transmitted from the wheel to the gear box. All axles are 33 Tooth Spline.

7573 Bus trans. in Bug Chassis - 15 5/8" (pair)

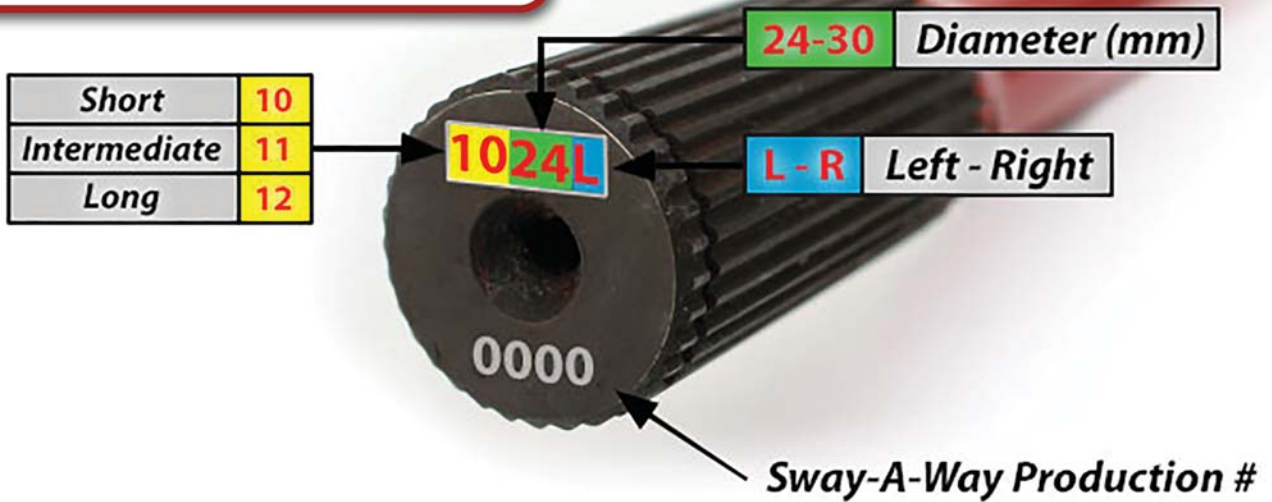
7574 Replaces stock axle in Bug Chassis - 16 1/4" (pair)

7578 Bus trans. w/3" longer trailing arms - 17 1/4" (pair)

7579 Bus trans. stock length arms & 5 3/4" rear section - 18 3/4" (pair)

7582 Bus trans. 3" longer x 3" wider arms, stock rear section - 19 1/4" (pair)

7598 Sway-A-Way IRS Axle Circlip for 33 tooth VW axles (each)



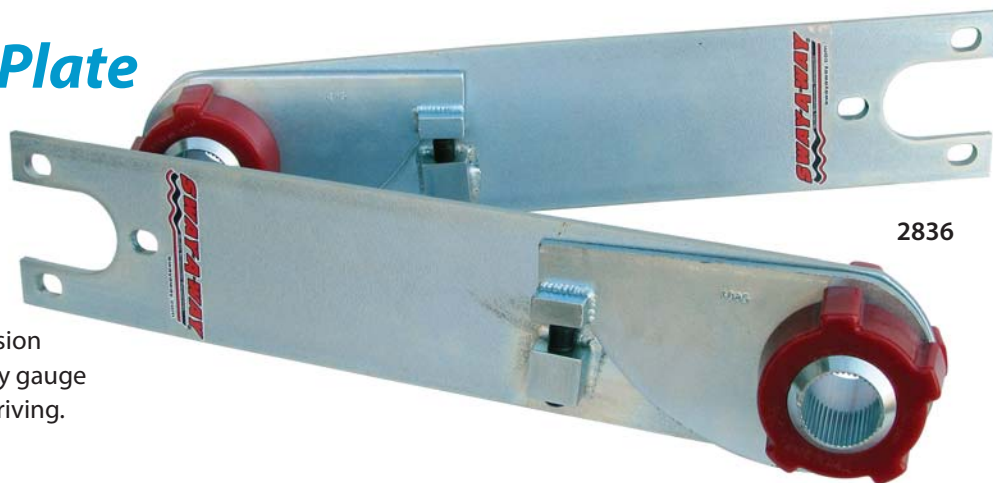
Torsion Bars - Application Chart

CB #	SAW #	Diameter (mm)	Length (in)	Description	Applications
7531	1024	24			
7534	1025	25			
7535	1026	26			
7536	1027	27	21 3/4"	Short	'60-68 Type-1 Swing Axle
7537	1028	28			
7538	1029	29			
7539	1030	30			
7547	1124	24			
7548	1125	25			'49-59 Type-1 Swing Axle
7549	1126	26			
7553	1127	27	24 11/16"	Intermediate	'69-72 Type-1 IRS
7554	1128	28			
7559	1129	29			'65-67 Type-3 Swing Axle
7560	1130	30			
7561	1224	24			
7562	1225	25			
7563	1226	26			
7564	1227	27	26 9/16"	Long	'73-on Type-1 IRS
7565	1228	28			
7566	1229	29			
7567	1230	30			

Adjustable Spring Plate

Adjust your racing suspension and change your cars height in just minutes. Two models are available to fit all swing axle and IRS sedans and buggies.

Racing Adjustable Spring Plates are for the serious racer requiring the ultimate in suspension tuning. They are constructed of selected heavy gauge steel to withstand the rigors of competition driving. Shipped in sets of 2 and ready to install.



2836

2836	Adjustable Spring Plate - Swing Axle Type-1 (60-68) 21 3/4"
2837	Adjustable Spring Plate - Swing Axle Type-3 (65-67) 24 11/16"
2838	Adjustable Spring Plate - Swing Axle Type-1 (49-59) 24 11/16"
2839	Adjustable Spring Plate - Swing Axle (all chassis with long bar) 26 9/16"
2840	Adjustable Spring Plate - IRS (all chassis with short bar) 21 3/4"
2841	Adjustable Spring Plate - IRS Type-1 (69-72) 24 11/16"
2842	Adjustable Spring Plate - IRS Type-3 (68-69) 24 11/16"
2843	Adjustable Spring Plate - IRS Type-1 (73-later) 26 9/16"
2844	Adjustable Spring Plate - IRS Type-3 (73-later) 26 9/16"

Racing Spring Plates

Racing spring plates are manufactured from spring steel, full heat treated and cadmium plated. The spring plates are .250" thick (twice as that of stock units) and are a must for off-road racing. You can convert yours to the short 21 3/4" length torsion bars for tire clearance.

The hubs are broached an extra .500" to compliment the extra length of the racing torsion bar serrations. They will also fit standard torsion bars.

Racing spring plates are available to fit both swing axle and IRS rear suspensions.



6340

6342

6340	Racing Spring Plates - Swing Axle Type-1 (60-68) 21 3/4"
6341	Racing Spring Plates - Swing Axle Type-1 (49-59) Type-3 (65-67) 24 11/16"
6342	Racing Spring Plates - Swing Axle Type-1 26 9/16"
6343	Racing Spring Plates - IRS Type-1 21 3/4"
6344	Racing Spring Plates - IRS Type-1 (69-72) Type-3 (66-69) 24 11/16"
6345	Racing Spring Plates - IRS Type-1/Type-3 (73-later) 26 9/16"

Racing Spring Plate Retainers

These All New GEERS Racing Spring Plate Retainers are the lightest in the industry! They feature a new profiled design which are lighter and better looking than others! **Sold in Pairs.**



- 4400 Racing Spring Plate Retainers (Sway-A-Way) Black **NEW!**
- 4403 Racing Spring Plate Retainers (Sway-A-Way) Polished **NEW!**
- 4406 Racing Spring Plate Retainers (Stock) Black **NEW!**
- 4409 Racing Spring Plate Retainers (Stock) Polished **NEW!**

Racing Spring Plate Covers

Designed to bolt right on to early springs to provide race strength performance. Manufactured from cast aluminum and ball burnished to a bright luster. The deep fins add the racers touch to your street or off-road chassis. They fit all early chassis with swing axle rear ends.



- 6231 Racing Spring Plate Covers

Chrome Spring Plate Covers

Warehouse Find!

Limited to Stock on hand



- 6232 Chrome Spring Plate Covers (one pair)

Rear Urethane Racing Snubbers

Color may vary between Red or Black. **Sold in pairs.**



- 4380 Rear Urethane Racing Snubbers (set of 2)

Rear Torsion Grommets



Consult the Grommets Size Chart to the right for the correct sizing and application.

- 6204 Rear Torsion Grommets 1 7/8" Round (one pair)
- 6205 Rear Torsion Grommets 1 3/4" Round (one pair)
- 6207 Rear Torsion Grommets 1 3/4" Knobby (one pair)
- 6208 Rear Torsion Grommets 1 7/8" Knobby (one pair)
- 6209 Rear Torsion Grommets 2" Knobby (one pair)

Year	Vehicle	Inside	Description	Outside	Description
SWING AXLE GROMMETS FOR STOCK SPRING PLATES					
'50-60	Type-1	6204	1-7/8" Round	6208	1-7/8" Knobby
'61-67	Type-1	6208	1-7/8" Knobby	6207	1-3/4" Knobby
'65-67	Type-1	6208	1-7/8" Knobby	6208	1-7/8" Knobby
SWING AXLE GROMMETS FOR SWAY-A-WAY STOCK REPL. SPRING PLATES					
Repl.	ANY	6207	1-3/4" Knobby	6208	1-7/8" Knobby
SWING AXLE GROMMETS FOR SWAY-A-WAY ADJ. SPRING PLATES					
Adj.	ANY	6209	2" Knobby	6204	1-7/8" Round

Year	Vehicle	Inside	Description	Outside	Description
IRS GROMMETS FOR STOCK SPRING PLATES					
'68-79	Type-1 & 3	6208	1-7/8" Knobby	6204	1-7/8" Round
IRS GROMMETS FOR SWAY-A-WAY STOCK REPL. SPRING PLATES					
Repl.	ANY	6207	1-3/4" Knobby	6204	1-7/8" Round
IRS GROMMETS FOR STOCK SPRING PLATES					
Adj.	ANY	6209	2" Knobby	6208	1-7/8" Knobby
OTHER APPLICATIONS					
#6205			1-3/4" Round		

NOTE: All Sway-A-Way regular spring plates use 1-7/8" outside and 1-3/4" inside grommets.

All Sway-A-Way adjustable spring plates use 1-7/8" outside and 2" inside.

Camber Compensator

Bolts right on in less than 30 minutes to help eliminate wheel lifting during cornering, improve the ride, control cross wind-buffeting, and improve steering.

It's a vital part of your complete performance package. Shipped complete and ready to install. Just bolt it on, no special tools required.

2819 Camber Compensator - fits all Swing Axle VW Sedans, Square Backs, and Ghias to 1968



**Reduce BODY ROLL
in your VW SEDAN!**

Axle Tube Kit (Swing Axle)

The new Axle Tube Kit is just what you need when building and installing a new Swing Axle transaxle in your car.

The OEM Kit comes with a pair of brand new complete OEM axle tubes with long end castings installed and a pair of quality short axle end castings for those of you running the short axles.



4405 Axle Tube Kit (Swing Axle)

Heavy Duty Trailing Arms

Designed for Off-Road use, and manufactured from forged and welded heavy gauge steel. They provide you with 3" wider track width per side, and 3" longer wheel base. Wheel travel is increased as well. Can be used with torsion bar or coil over suspension.

The perfect choice for a lifted VW that wants to maintain the factory track width. Helps to center the rear wheel in the fender after raising the rear of your VW, and increase your wheel travel. Boxed In for off-road abuse, manufactured from welded heavy gauge steel with a billet bearing housing. They provide you with a 1" longer wheel base while keeping the track width stock. Can be used with torsion bar or coil over suspension. **SOLD IN PAIRS.**



4494 Heavy Duty 3x3 Trailing Arms

4495 Heavy Duty Stock Width x 1" Longer Rear Trailing Arms

Mid-Mount



If too many hard launches have resulted with a broken mount, the Mid-Mount by EYEBALL ENGINEERING will greatly strengthen this area of your transmission resulting in peace of mind.

NOTE: Installation requires welding.

4499 Mid-Mount from Eyeball Engineering

Truss Bar Assembly Kit



A complete bolt-in kit - No welding required! Designed to limit flex in the chassis under load. By connecting the shock towers & frame horns, you can transfer more power to the ground that is normally lost in wheel hop. Fits all Type-1 VW suspensions (Beetle & Ghia), both Swing Axle & IRS. Includes hardware for installation.

4501 Truss Bar Assembly Kit (fits Beetle & Ghia, All Years) **NEW!**

Control Arm Brackets

4705 - This is how you convert a swing axle to IRS. Weld 'em on and bolt on the trailing arms.



4362 - Replaces factory rubber bushings and helps maintain better alignment of the rear wheels for better handling and tire wear.

4705 Control Arm Brackets - Weld On IRS

4362 IRS Urethane Control Arm Bushings with Steel Sleeve

Rear Anti-Tuck Straps

Rear Anti-Tuck Straps can be set to limit the downward travel of all Swing Axle Rear Ends. You can prevent dangerous over steer by limiting the amount of "drop" on the inside rear axle during hard cornering. They work and are easy to install. You can set the desired amount of travel to match the height of your car. They can be used on all VW Sedans, Ghias and Squarebacks to 1978. Rear Anti-Tuck Straps are shipped in sets of 2, and are ready to install.



4005 Rear Anti-Tuck Straps

IRS Beef-Up Kit

Stock VW trailing arms were not designed to take on the desert in top gear.

With this pre-cut kit, and a good welder, you can box-in your IRS trailing arms to help keep 'em straight while bouncing through the rough stuff.



4497 IRS Beef-Up Kit

**CHECK US OUT
ONLINE AT
cbperformance.com**

And Follow us on Social Media:
[Facebook.com/CBperformance](https://www.facebook.com/CBperformance)
[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

FLAT4 BRM Wheels

Since FLAT4 started making the BRM Wheel in 1991, it has been popular not only in Japan but also all over the world. In 2009, they made a totally new FLAT4 BRM Wheel using the latest low pressure die casting technology. They matched the fine details of the original EMPi/SPEEDWELL wheel as closely as possible. FLAT4 BRM Wheels can make the difference on your VW, and is the ultimate wheel for that '60 to '70's 'Cal-Look'.

Each Rim includes a Center Cap and a Valve Stem. **15" Diameter, 5" Width.**

- 4801 FLAT4 BRM Wheel - Black 5 Lug (60 Degree Nut)
- 4804 FLAT4 BRM Wheel - Grey 4 Lug (60 Degree Nut)
- 4805 FLAT4 BRM Wheel - Black 4 Lug (60 Degree Nut)



FLAT4 Slotted Dish Wheel

In the late 1960's, ENKEI was the first company to produce aluminum wheels in Japan and their success of wheel manufacturing continues on today. FLAT4's project to produce new wheels to the market was joined by ENKEI and we adapted the design from a 1970's 5 spoke and Dish Style Wheel. All these FLAT4/ENKEI wheels are produced to fit on all VWs.

These FLAT4 Aluminum Slotted Dish Wheels are available in 5 lug VW pattern (15 x 5 1/2"). Wheel inset (ET) is 23mm.

- 4807 FLAT4 Slotted Dish Wheel - 5 Lug VW 15 x 5 1/2"
- 4810 FLAT4 Slotted Dish Wheel - 4 Lug VW 15 x 5 1/2"
- 4811 FLAT4 Slotted Dish Wheel - 5 Lug VW Type-2 - 15 x 5 1/2"



FLAT4 5 Spoke Mag Wheel

The newest Wheel in the FLAT4 Lineup!

15 x 5 1/2" - 5 Bolt
205mm VW Bolt Pattern.

A Replacement Center Cap (#4871) for the 5 Spoke Mag Wheel is now available!



- 4806 FLAT4 - 5 Spoke Mag Wheel

FLAT4 Sprint Star Wheels

SPRINT STAR wheels are cast in aluminum. Each wheel's spokes are fully polished, and then each wheel is beautifully finished with a clear coat to provide years of use and great looks. Center Cap included - Lug Bolts are sold separately. **MADE IN JAPAN.** Wheel Inset (ET) is 17mm.



- 4809 FLAT4 Sprint Star Wheels - 5 Lug 15x5

FLAT4 911 Style Wheels

FLAT4 Original 911 style wheels are cast from aluminum in a one piece structure, with quality that competes with the original forged wheel.

Now you can have 4.5" wide up front and 5.5" wide in the back with FLAT4 original 911 style wheels. Originally, the 4.5" wide wheel was available only with a 1967 Porsche 911 S. Because of it's narrow size and rarity, any remaining original wheels are very hard to come by, and fetch premium prices. FLAT4's 911 style wheels are perfect in detail and its quality is guaranteed by VIA. Original FLAT4 Stuttgart Center Caps are also available to match the wheel.

Polished or Chrome FLAT4 Deep 6 911 Style Wheels are available in this size:
15 x 5.5" - 5 on 130mm. Wheel offset is +45mm

4812	Polished FLAT4 - 911 Style Wheel 15 x 5.5 (5 x 130mm) 5" Back Spacing
4813	Polished FLAT4 - 911 Style Wheel 15 x 4.5 (5 x 130mm) 4 9/16" Back Spacing
4836	Chrome FLAT4 - 911 Style Wheel 15 x 4.5 (5 x 130mm) 4 9/16" Back Spacing
4837	Chrome FLAT4 - 911 Style Wheel 15 x 5.5 (5 x 130mm) 5" Back Spacing



FLAT4 Chrome BRM Wheel

Same great features of the BRM Wheels, but in Chrome.

15 x 5 - 5 x 205mm Bolt Pattern.



4816	FLAT4 - Chrome BRM Wheel
------	--------------------------

FLAT4 Deep 6 911 Style Wheel

Same great features of the 911 Style Wheels, but in a 6" Deep version, featuring 4 7/8" Back Spacing.

Available in your choice of Polished or Chrome.



4855	Polished FLAT4 - Deep 6 911 Style Wheel
4856	Chrome FLAT4 - Deep 6 911 Style Wheel

BRM Wheel Lug Bolts

For use with FLAT4 BRM Wheels.

#4210 - .950" thread length.

#4211 - 1.080" thread length.

4210	BRM Wheel Lug Bolts - 12mm (set of 5)
4211	BRM Wheel Lug Bolts - 14mm (set of 4)



FLAT4 Center Caps

Flat 4 Replacement Center Caps.



- 4821 FLAT4 BRM Wheel Replacement Center Cap - Silver
- 4822 FLAT4 BRM Wheel Replacement Center Cap - Chrome
- 4824 FLAT4 911 Style Center Cap - Chrome

FLAT4 Center Caps



- 4871 for 5 Spoke Mag Wheel (includes mounting screws)
- 4872 for Slotted Dish Wheel
- 4873 for Slotted Dish Wheel and 4807 5 Lug VW

Hub Caps

The three dimensional emblem is mounted on a chrome plated hub cap designed to mount on four or five bolt VW wheels.

The wheels must be equipped with standard mounting clips.



- 4432 Hub Cap - 4 Bolt Wolfsburg (each)
- 4433 Hub Cap - 5 Bolt Nipple Wolfsburg Emblem (each)
- 4440 Hub Cap Clips and Rivets

Aluminum Drum Covers

Made to look like Aluminum Porsche brake Drums. They are a must for 550 and 356 Speedster Replicas. They fit most 5 lug VW Brake Drums as well as the A.C. Industries Wide-5 Disc Brake Kits.



- 4430 Aluminum Drum Covers (set of 4)

5 Bolt Wheel Cover

The perfect addition to a set of steel spoke off-road wheels.

The 5 bolt wheel covers are formed to fit inside the open center of 5 bolt wheels, to hide the brake drum and axle nuts.

It also sports a polished chrome finished for lasting custom looks.



- 4436 5 Bolt Wheel Cover (each)

Wolfsburg Crest Wheel Emblems

Add the finishing touch to that new set of wheels and knock offs with a set of brand new Wheel Emblems.

Self Adhesive backs make for an easy installation. Don't settle for that unfinished look, buy your set of Wheel Emblems today. Sold in sets of 4. O.D. 1 3/4".



- 4442 Wheel Emblems - Wolfsburg Crest (set of 4)

GORILLA Stud Nut Kits

Gorilla Stud/Nut kits include heat treated wheel studs with allen sockets. Two stud sizes are supplied depending on the application.

With the exception of the conical washers, interchange of hardware from 12mm to 14mm is not possible. Each Kit accommodates one wheel.

4218 Gorilla Stud Nut Kit (12mm) fits 5 Bolt wheels with 60 degree taper seat (5 Chrome Acorn Nuts & Studs)

4311 Gorilla Stud Nut Kit (12mm) fits 5 Bolt wheels with 60 degree taper seat (4 Chrome Acorn Nuts & Studs)

4312 Gorilla Stud Nut Kit (14mm) fits 4 Bolt wheels with 60 degree taper seat

4313 Gorilla Stud Nut Kit (12mm) for use with Mag Lug Nut style wheels on early VW drums with 12mm threads

4314 Gorilla Stud Nut Kit (14mm) for use with Ball Seat style wheels on late VW drums with 14mm threads.

4315 Gorilla Stud Nut Kit (1/2" x 20 Chrome Mag Nut with 14mm to 1/2" adapter studs and washers)



GORILLA Wheel Locks

Tough, hardened, and triple chrome plated to protect your wheels against theft.

There are four Gorilla Wheel Locks in each set - one for each of your tires. A special 'key' is also included to help prevent any clown with a socket wrench from helping himself to your rims. Protect your investment with Gorilla Wheel Locks.

#4252 fits 4 bolt steel or aluminum wheels with ball or tapered seats on late VW w/14mm x 1/2 Adapter Studs.

#4253 fits 5 bolt steel or aluminum wheels with ball or tapered seats on early VW w/12mm threads.

4219 Gorilla Wheel Locks (14mm Chrome) fits 5 bolt Porsche Alloy, & '71-later VW Vans

4247 Gorilla Wheel Locks (1/2" x 20 Chrome Lock with 14mm to 1/2" adapter studs and washers)

4248 Gorilla Wheel Locks (12mm Chrome)

4252 Gorilla Wheel Locks (1/2" x 20 Chrome Lock with 14mm to 1/2" adapter studs and washers)

4253 Gorilla Wheel Locks (12mm Chrome)



GORILLA Acorn Lug Nuts & Conical Washers

Gorilla wheel and lug accessories are available as individual parts to allow you to replace missing or damaged components.



- 4222 Conical Washers for tapered seats. Zinc finished
- 4224 Chrome Acorn Nut 12mm (Heat Treated & Triple Chrome Plated)
- 4225 Chrome Acorn Nut 1/2" (Heat Treated & Triple Chrome Plated)
- 4295 Chrome Acorn Nut 14mm (Heat Treated & Triple Chrome Plated)
- 4298 Buggy Wheel Washers (Aluminum) fits acorn style lug nuts
- 7526 Sway-A-Way Lug Nut - Open End Ball Seat (14mm)

GORILLA Mag Lug Nuts

Available as individual parts to allow you to replace missing or damaged components.



- 4223 Mag Lug Nut Washer (Zinc finished) fits 1/2" 12, & 14mm lug nuts
- 4226 Chrome Mag Lug Nut 12mm
- 4227 Chrome Mag Lug Nut 1/2"

RACE STRENGTH Wheel Stud

Uses 14mm lug nut. Gorilla wheel and lug accessories are available as individual parts to allow you to replace missing or damaged components.

1.50 x 14mm 1.50 x 2.125 Inches long.



- 4297 Wheel Stud - RACE STRENGTH (Black Oxide Finished) - 14mm

Wheel Studs

Gorilla wheel and lug accessories are available as individual parts to allow you to replace missing or damaged components.



- 4220 Wheel Stud (12mm Zinc Finished) 12mm 1.50 x 12mm
- 4221 Wheel Stud (14mm Zinc Finished)

GORILLA Sand Buggy Stud Nut

Manufactured from light weight aluminum and require special mounting hardware.

Designed to do the job. Bolt 'em on and drive trouble free.

Large heat treated aluminum compression washers are included in each kit.



- 4228 Gorilla Sand Buggy Stud Nut (12mm) 5 Lug
- 4229 Gorilla Sand Buggy Stud Nut (14mm) 4 Lug

2 Spoke Knock Offs

They fit most mag and aluminum wheels and can be installed in just minutes.



Adapter O.D is 2.420"
Sold in sets of 4.

4250 2 Spoke Knock Offs (Chrome)

Valve Stems

The perfect solution for mag, aluminum, and custom chrome steel wheels. Installs with chrome nut and seals with rubber gaskets.



Sold in sets of 4.

4230 Snap-In Valve Stem (pull through design)

4231 Universal Valve Stem (outer threaded nut design)

Stock Lug Nut

Stock 12 or 14mm Lug Nuts are sold individually. Uses 19mm Socket.



(12mm - 111-601-139)

(14mm - 251-601-139)

4238 Stock Lug Nut - 12mm x 1.5 (each)

4239 Stock Lug Nut - 14mm x 1.5 (each)

GORILLA Wheel Locks

Made from heat treated hardened steel, engineered to exacting standards and utilize the same technology as our lug nuts and wheel locks.



4255 Gorilla Wheel Locks - Cone Seat Bolt (12mm x 1.50)

4256 Gorilla Wheel Locks - Cone Seat Bolt (14mm x 1.50)

Alloy Lug Nuts

CB now offers top German quality original Alloy Lug Nuts.



They fit only 14mm wheel studs.

Shipped in sets of 5.

4232 Alloy Lug Nuts - Black

4233 Alloy Lug Nuts - Polished

Thread-In Lug Studs

Thread-In Lug Studs and Ball Seat Lug Nuts, for stock VW & Porsche Wheels.



4097 Thread-In Lug Studs (14mm) 45mm length (set of 5)

4098 Chrome Ball Seat 14mm Lug Nuts (set of 5)

4099 Thread-In Lug Studs (14mm) 38mm length (set of 5)

Replacement Studs

This wheel stud is cold headed, all threads are rolled for maximum strength. Requires drilling of hub or drum. Bolt is then pulled or pressed through with an interference fit. #7522 is for BRM Wheels in CB Wide 5 Disc Brake Kits. #7524 is for CB Wide 5 Disc Brake Kits.



7522 Replacement Stud (48mm) fits WIDE 5 Front/Rear

7524 Replacement 12mm Stud (38mm) fits WIDE 5 Front/Rear

Sway-A-Way Studs

Requires drilling of hub or drum. Bolt is then pulled through with an interference fit. All threads are 14mm x 1.5.



7527 Sway-A-Way Stud - 48mm long/starter

7528 Sway-A-Way Stud - 57mm long/starter

7529 Sway-A-Way Stud - 52mm long

7530 Sway-A-Way Stud - 65mm long

Wheel Adapters

Quick and easy custom styling. Use Ford or Chevy stock wheels or mags for that wide, low, look.

Just bolt the adapter plate to your standard brake drums. You can then mount most all types of custom wheels and tires to your VW Sedan or Bus. **Sold in Pairs.**



4258	Wheel Adapters (pair) Adapts 5 x 205mm VW to 5 x 130mm Porsche Pattern - 14mm studs
4260	Wheel Adapters (pair) '52-67 VW to Chevy - 5 on 4 3/4 - uses standard Chevy 1/2" lug nuts
4262	Wheel Adapters (pair) '57-67 VW to Ford - 5 on 4 1/2 - uses 1/2" lug nuts
4264	14mm Wheel Adapters (pair) 4 Lug VW to 5 Lug VW
4265	Wheel Adapters (pair) 5 Lug VW to 4 Lug VW - uses 1/2" lug nuts
4266	Wheel Adapters (pair) 4 Lug VW to 5 Lug VW

Wheel Spacers

The precise solution where additional offset is needed.

Gorilla Wheel Spacers are available in two bolt patterns: 4 and 5 on a 130mm circle.

Each spacer is 5/16" thick.



4195	Wheel Spacers 4 Bolt (set of 2)
4196	Wheel Spacers 5 Bolt - Porsche (set of 2)

Billet Wheel Spacers

They are manufactured from 6061T6 Aluminum and are 3/8" thick.

They can be used for obtaining a wider track or needed clearance for Brake Calipers and Tire to Spring Plate Clearance.



4477	Billet Wheel Spacer (each) 4 Lug (4 x 130mm)
4478	Billet Wheel Spacer (each) Wide 5 (5 x 205mm)

Radial Tires NANKANG

Designed and manufactured for use on European automobiles.

No other tire design will give you the ride, handling and style of a true European Metric road tire.

European Metric Tires are standard equipment on the world's finest and most expensive cars.

5400	Radial Tire SR-135 X 15
5401	Radial Tire SR-145 X 15
5402	Radial Tire SR-165 X 15





JAMAR Adjustable Billet Front Beams



The most beautiful Front Beams you can install are manufactured by JAMAR. Light weight and full on billet!

- 6235 JAMAR Front Beam - Adjustable w/o Shock Towers
- 6236 JAMAR Front Beam - Adjustable with Shock Towers

JAMAR Billet Front Beams



- 6263 JAMAR Front Beam - w/o Shock Towers (No Adjusters)
- 6264 JAMAR Front Beam - with Shock Towers (No Adjusters)

Replacement & In/Out Bushings



- 6239 Replacement Bushings - JAMAR or Warrior Beam (set of 4)
- 6276 Replacement Bushings for JT Beam (set of 4)
- 6244 In/Out Bushings - Micarta (set of 4)
- 6245 In/Out Bushings - Needle Bearing Link Pin (set of 4)
- 6246 In/Out Bushings - Ball Joint (set of 4)



Buggy Whips

Manufactured from rugged wound fiberglass and equipped with a brilliant red flag. Whips are supplied with mounting hardware and an electrical connector.



6150	Buggy Whip Flag - Replacement
6170	Buggy Whip - 5 ft. Non-Lighted Econo
6173	Buggy Whip - 8 ft. Non-Lighted Econo
6180	Buggy Whip - 5 ft (with light connector)
6181	Buggy Whip - 8 ft (with light connector)
6182	Buggy Whip Quick Mount

Buggy Whip Bulb Shield

Fits snugly over the Buggy Whip light socket.



Part #	6157	6158	6183	6184
Color	Amber	Green	Red	Blue
6155	Buggy Whip Bulb (35 Watts)			
6223	Buggy Whip Bulb Shield Cover			

Buggy Whip Lamp Shield

Bulb is completely enclosed and protected from the environment.

Available in four colors: Blue, Amber, Red & Green.



Part #	6195	6196	6197	6198
Color	Blue	Red	Amber	Green

LED Whip Light

Fits standard pole socket.

Perfect addition to your lighted Dune Buggy Whip.



Use it at base camp to find your way home. Draws less than one half amp. Solid state with LED lights and designed to outlast your vehicle.

6192	Red White & Blue LED Whip Light - Flashing
6193	Red White & Blue LED Whip Light - Non-Flashing

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[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

Seat Belts

Bolts into standard factory locations.

Features wide comfortable buckles with easy release buttons.

Double stitched from SAE approved nylon webbing.

Shipped in complete sets to fit 2 seats.



7028 2 Point Seat Belts - Black w/Wolfsburg Logo (two seats)

7030 3 Point Seat Belts - Black w/Wolfsburg Logo (two seats)

Seat Belt Bolts

OEM Forged Seat Belt bolts thread right into all VW Sedan pans and door posts to mount all VW seat belt assemblies.



These bolts are shipped in sets of 4, and can be used to mount front or rear seat belts.

7020 Seat Belt Bolts - VW (set of 4)

Floor Mount Washer Kit

Used to secure one seat belt to the floor or chassis.



6593 Floor Mount Washer Kit



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cbperformance.com**

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[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
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Poly Seats

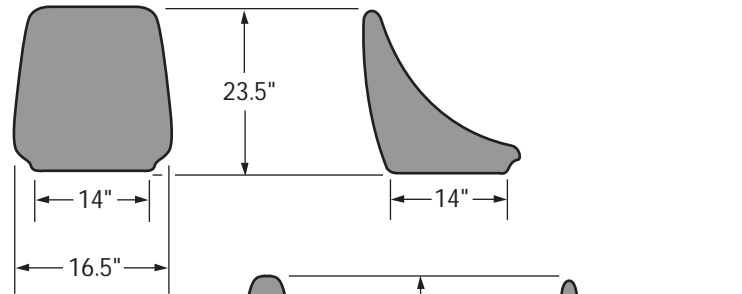
Polyethylene plastic seats feature hollow, one piece, seamless construction with a molded black non-fade grained surface. The unique double-walled design delivers a comfortable, impact-absorbing ride. They provide maximum strength and minimum weight with excellent elasticity to resist vibration and shock damage. Each Poly Seat has molded in 5/16"- 18 threaded inserts for easy mounting. Each seat has slots for a 5-way harness.

Fiberglass Seats

Low cost, easy installation, light weight, and durability! Fiberglass seats allow the driver to sit lower in the car, thereby providing additional head room in sand buggies and vehicles with roll cages. Many Pro Stock chassis builders prefer this type of seat for driver safety and quick removal.

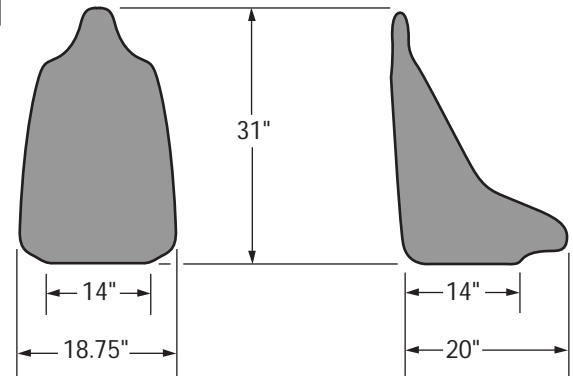
Low Back Bucket Seat

5495	Low Back Bucket Seat (Fiberglass)
5496	Low Back Seat Cover (Black)



Universal High Back Seat

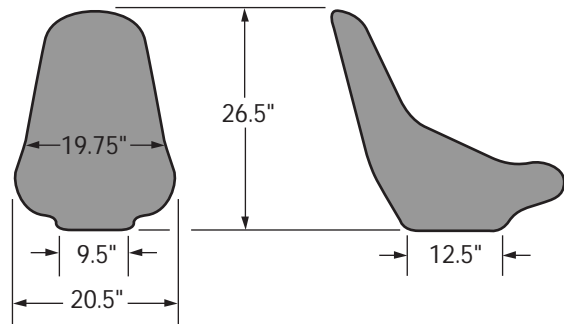
5485	Universal High Back Seat (Fiberglass) **OVERSIZES**
5486	Universal High Back Seat Cover (Black)



36" Bench Seat

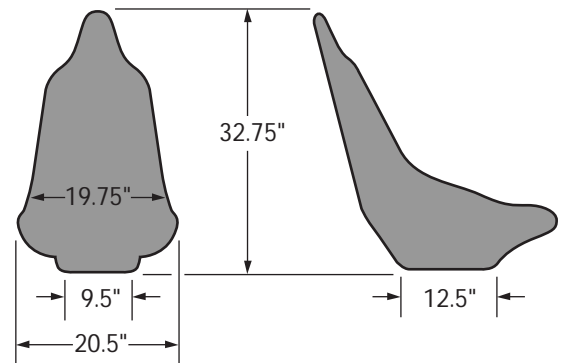
The simple solution for off-road buggy or Baja Bug backseats. Lightly padded Seat Covers fit the 36" Fiberglass Bench Seat.

5501	36" Bench Seat (Fiberglass)
5502	36" Bench Seat Cover (Black)
5503	36" Bench Seat Cover (Red)
5505	36" Bench Seat Cover (Yellow)



Low Back Turbo Pro Poly Seat

7450	Low Back Turbo Pro Poly Seat
7457	Low Back Turbo Pro Seat Cover (Black)



High Back Turbo Pro Poly Seat

7451	High Back Turbo Pro Poly Seat
7452	High Back Turbo Pro Seat Cover Black

Dune Buggy Tail Lights

- 4 1/4" Diameter
- DOT-approved lenses
- Precision Injected from high-impact Polyvinyl
- Never-Rust bright chrome-plated housing
- Cast-in base flanges
- 9/16" mounting bolts w/rubber washers



Part#	7682	7683	7684	7685
Color	Red	Amber	Purple	Blue

Oval Tail Lights

Installs easily to provide tail lights, brake lights and turn signals.



Operates on 12 volts. Features weather-proof seals and rubber grommets electrical pigtails. Shipped in sets of two.

7681	Oval Tail Lights - Red (set of 2)
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Mini-Compact Chrome Lights

Modern Mini-Compact design is easy on the eyes, features die cast construction, and a brilliant custom chrome finish. Perfect for use as parking, clearance, turn signals, or even tail lights. **1 3/4" x 1 1/8" x 1 5/8".**



Part#	7651	7652	7653	7654
Color	Blue	Green	Purple	Red

7656	Mini-Compact Single Filament Replacement Bulb
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Billet Buggy Light

Features a chrome finish and an attractive bullet shape.

Uses a 2 1/4" Diameter clear lens.



Sold Individually.

6663	Billet Buggy Light - 50 Watt
6665	Billet Buggy Light - 85 Watt Bulb

2 1/4" Quartz Lights

Powerful, state of the art lighting in a small chrome housing.

A potent 50wt quartz halogen beam is mounted in a Patented Dichronic multi-faceted reflector.

Strictly for off-road use only.



7690	2 1/4" Quartz Lights (set of 2)
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Amber Bulbs

Real colored glass, not painted!

Shipped in sets of two.



7688	Amber Bulb - Single Pole (2)
7688	Amber Bulb - Dual Pole (2)

Rectangular Eagle Eye Lights - 100w

Equipped with rubber mounts and defused lenses to fill in the gaps.

Eagle Eye gives out the extra coverage you need in the rough country.

Two sizes are available to fit your driving requirements.



6692 Rectangular Eagle Eye Lights (100w) Stainless Steel 8"

6693 Rectangular Eagle Eye Lights (100w) Black Enamel 8"

6694 Rectangular Eagle Eye Lights (100w) Chrome Plated 9"

Round Eagle Eye Lights - 100w

See what you've been missing with a set of Eagle Eye Off-Road Lights. Eagle Eye Lights are manufactured for the serious off-road racer.

They are 100% rubber shock mounted, feature a metal B-X wire loom lead, and a rubber sealed bulb retainer.

You can choose from stainless steel, chrome plated or black enameled six inch lights with up to 200,000 candle power. Five inch Racing Lights blazing out with 120,000 candle power are also available in stainless steel, chrome and black enamel.

These lights are strictly for off-road use. They are so powerful that they are not approved for highway use in any state! This is the same type of lighting used on aircraft for night landing. Distinctive vinyl protective covers are supplied with each light.

6685 Round Eagle Eye Lights (100w) Black Enamel 5"

6686 Round Eagle Eye Lights (100w) Black Enamel 6"

6687 Round Eagle Eye Lights (100w) Chrome Plated 5"

6688 Round Eagle Eye Lights (100w) Chrome Plated 6"

6689 Round Eagle Eye Lights (100w) Stainless Steel 5"

6690 Round Eagle Eye Lights (100w) Stainless Steel 6"



Grant Steering Wheels

Chrome Three Spoke Design with Round Holes and Black Foam Cushion Vinyl grip.

Available in three classic diameters. Great for Sand Rails and Fiberglass Buggies.



- 4780 Steering Wheel - 10" Super Deep Classic (5 1/2" dish)
- 4781 Steering Wheel - 11 1/2" Classic (3 3/4" dish)
- 4782 Steering Wheel - 13 1/2" Super Classic (2" dish)

Chrome Steering Shaft



The final link between car and driver, this shaft is designed to be used on any chassis or kit car. Long enough for any application, it can be cut to fit any size, Hub allows for a bolt on installation of any custom steering wheel. Made of thick 7/8" diameter tubing

- 4050 Chrome Steering Shaft

Buggy Steering Shaft Mount

Here's the first good looking steering shaft mount available for dune buggies.



It's manufactured from top quality, cast aluminum, and features a self lubricating bushing. The textured surface has the appearance of an expensive sports car dash. The face plate has plenty of room for a starter button and switch.

- 6099 Custom Buggy Steering Shaft Mount



Steering Wheel Hubs

CNC machined from aluminum stock to give your buggy a custom billet look. Bolts right on to 3 bolt dune buggy steering shafts to facilitate installation of all Wolfsburg steering wheels.

The #6228 bolts to the Quick Release Steering Hub to provide for the installation of a Wolfsburg series steering wheel.



6220



6227



6228

- 6220 Steering Wheel Hubs - Billet Steering Wheel Adapter - Adapter and Emblem kit
- 6221 Steering Wheel Hubs - Billet Emblem
- 6227 Steering Wheel Hubs - Billet Steering Wheel Adapter - Adapter Only
- 6228 Steering Wheel Hubs - Quick Release Billet Adapter
- 4771 Quick Release Steering Wheel Hub (includes hex stub shaft)



4771

Aluminum Gauge Consoles

Provides fast installation and lasting protection for your switches and gauges. Each instrument box is manufactured from sturdy .060" aluminum with a custom brushed surface. A 2" glare shield provides added protection for switches and gauges. The larger enclosures measures 9 1/2" W x 3" T x 3 x W.

The instrument openings measure 2 1/8" and accept VDO COCKPIT gauges. Two 3/4" holes are provided for your cars ignition switch and warning light. Four toggle switch holes allow you quickly to wire it up and get it on the dunes.



7470



7471



7472

7470	Aluminum Gauge Console - Large w/holes
7471	Aluminum Gauge Console - No holes
7472	Aluminum Gauge Console - Small

Roller Pedal

The early style VW pedal works great in all types of dune buggies and race cars. The large roller helps smooth out throttle movement in the rough stuff. It can be used to replace standard throttle pedals in stock sedans or in pedal mount assemblies installed in off-road race cars or dune buggies.



6093	Roller Pedal - Black
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VW Sedan Pedal Assembly

Replace your worn and cracked clutch, brake and gas pedal parts with a brand "NEW" O.E.M. assembly.

Now featuring a grease Zerk.



6094	Pedal Assembly - VW Sedan
6095	Pedal Ass. Repair Kit - fits Sedans & Squarebacks (to '65)
6102	Pedal Ass. Repair Kit - Sedans & Squarebacks ('66-on)

Dune Buggy Throttle Cable Kit

Fits most applications, early or late. Cut the cable to the required length and bolt it on.

The Dune Buggy Throttle Cable Kit provides the basic parts required for use with single or dual carbs.

18' 8" Overall length, 8' 4" housing length.



5265	Dune Buggy Throttle Cable Kit
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Tach Bag

Keeps sand and moisture out of your Five Inch Tachometer. Just slip it over your Tach and tighten the drawstrings.

Features a durable waterproof "see through" plastic lens that provides you with clear vision of the Tach face. The Tach Bag is the best way to assure all weather protection for your expensive monster Tach.



Part#	3780	3781	3783
Color	Red	Blue	Black

Baja Bug Hood Tie Downs

Snap on-snap off. Manufactured from specially compounded rubber to hold your hood firmly in position. Steel hinge and mounting hardware is cad plated to prevent rust and corrosion.



Easy to install and can be used on all Baja Bug Front Ends.

6134 Baja Bug Hood Tie Downs

DZUS Buttons

The DZUS Button Removal Tool makes removing your DZUS Buttons a breeze.

Also works great for opening paint and soda cans!

Sold Individually.



5680 DZUS Style Fastener Button

5681 DZUS Style Mounting Tab with Spring Clip Attached

5682 DZUS Button Removal Tool

Chrome Push Rod Tube Protectors

Protect your push rod tubes and add luster to your engine.

Made from heavy gauge steel and then chrome plated.

Easy to install and designed to fit all T-1 engines. Sold in sets to fit one engine.



1964 Chrome Push Rod Tube Protectors (one pair)

Weld In Brackets

Heavy gauge steel brackets packaged in sets of four. Weld them on to mount lights, seat belts, or any other number of accessories. The Formed Brackets wrap around the frame to provide the strongest type of mount. These mounts are ideal for use on dune buggies, race cars, and sedans.



The mounts have a pre-drilled 1/2" hole.

6595 Weld In Brackets - Flat (set of 4)

6596 Weld In Brackets - Formed (set of 4)

Off Road Side Mount Mirror

Designed for Off Road cars traveling through thick brush and trees.

The 5 Inch Stainless backed mirror is protected by a 3/4" Stainless tube surround welded to a 1 1/2" half round. Can be held in place by two stainless hose clamps or drilled and bolted in place. For use on 1 1/2" tubing.



6070 Off Road Side Mount Mirror - 5" Diameter Universal

Drip Rail Mount Mirror

Designed to be mounted on the Drip Rail of cars and can be adapted to many other applications.

Mounting hardware included.

Universal left or right mount.



6072 4" Stainless Steel Drip Rail Mount Mirror (aka Peep Mirror)

JAMAR Slave Cylinder



JAMAR Slave Cylinder for Buggies, VW Type-1 or Type-2 vehicles that are using a hydraulic clutch set-up.



6078 JAMAR Slave Cylinder

JAMAR Replacement Master Cylinder



JAMAR Billet Master Cylinder, complete with EZ-Fill Lid, Large Reservoir with large diaphragm for maximum fluid displacement (11/16" Bore).



6079 JAMAR Replacement Master Cylinder (11/16" Bore)

JAMAR Pedal Assembly



These Slim Line solid billet master cylinders make this unit unique and one of the finest available. Works with 2 wheel brake combinations and applications. Clutch master cylinder is 11/16" bore, Brake master cylinder is 3/4" bore. Slave Cylinder Sold Separately.



6082 JAMAR Pedal Assembly w/Roller Pedal

JAMAR Turning Brakes



Single or Dual Upright Handle Turning Brakes can often be utilized when straight or vertical handles interfere with the shifter, dash or other hardware. Equipped with a chrome handle(s). Solid billet steering brake with 3/4" diameter cylinders (for use with Disc Brakes) and hardened bores to ensure longevity.



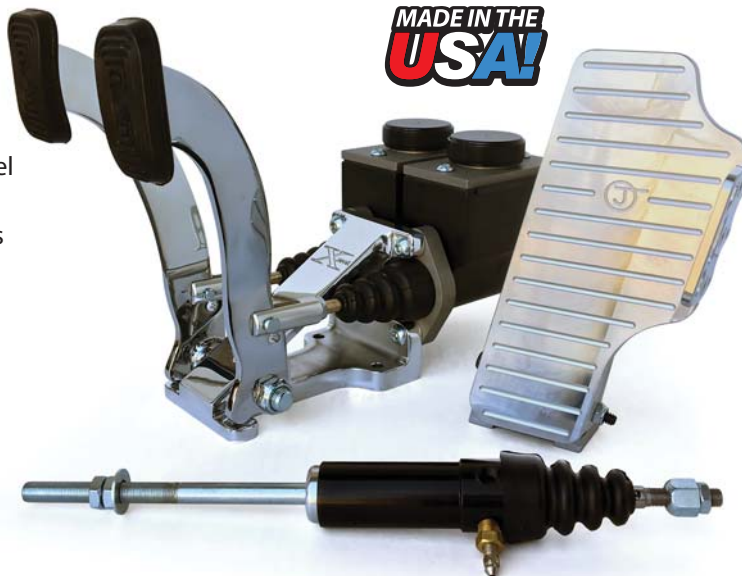
6338 JAMAR Turning Brake - Single Upright Handle (3/4" Bore)

6339 JAMAR Turning Brake - Dual Upright Handle (3/4" Bore)

JAMAR 4 Wheel Disc Brake Pedal Assembly Kit

JAMAR Billet Pedal Assembly Kit with Billet Throttle Pedal for 4 Wheel Disc Brake. These solid billet master cylinders make this unit unique and one of the finest available. An excellent combination that works great with 4 wheel brake combinations and applications.

This Kit includes the X-Series Billet Throttle Pedal, made from aircraft quality aluminum, and a Slave Cylinder.



6084 JAMAR 4 Wheel Disc Brake Pedal Assembly Kit

JAMAR Clutch Pedal

A great looking JAMAR competition clutch pedal with a billet slave cylinder.



6202 JAMAR Clutch Pedal with 11/16" Slave

JAMAR Brake Pedal Assembly

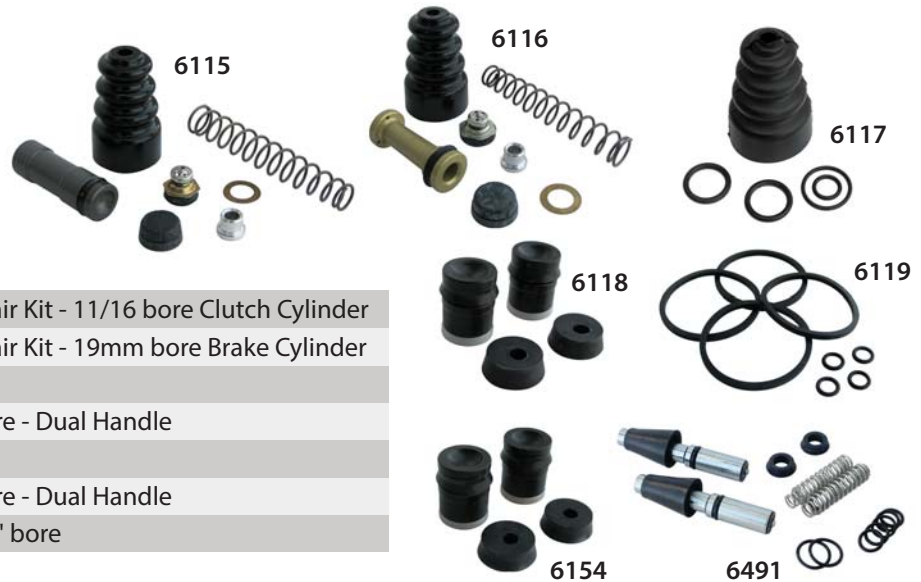
A dual master cylinder with a balance beam to provide independent adjustment of front and rear braking force.



6203 JAMAR Brake Pedal Assembly - w/Slim Line Master Cylinder & Easy Fill Tops

JAMAR Billet Repair Kits

Kits include everything you need to rebuild your JAMAR Turning Brakes, Pedal Assemblies and Clutch Slave Cylinders.



- 6115 JAMAR Billet Sand Buggy Pedal Assembly Repair Kit - 11/16 bore Clutch Cylinder
- 6116 JAMAR Billet Sand Buggy Pedal Assembly Repair Kit - 19mm bore Brake Cylinder
- 6117 JAMAR Billet Clutch Slave Cylinder Repair Kit
- 6118 JAMAR Billet Turning Brake Repair Kit - 3/4" bore - Dual Handle
- 6119 JAMAR Sand Buggy Disc Brake Repair Kit
- 6154 JAMAR Billet Turning Brake Repair Kit - 5/8" bore - Dual Handle
- 6491 JAMAR Compact Turning Brake Repair Kit - 5/8" bore

JAMAR Park Lock

Push on the brake pedal, depress the Park Lock and your brakes are locked.

To release, just step on the brake pedal.

Fits most any vehicle and can be used to stage on hills. (Uses 1/8" NPT)



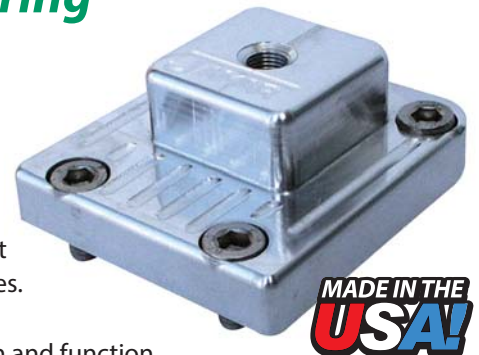
6077 JAMAR Park Lock

JAMAR Steering Box Cover

Add glitz to the ugliest part on your dune buggy, the steering box!

It's designed to bolt right onto all T-1 steering boxes.

It's 100%, reliable in form and function because it adds strength and custom looks to your dune buggy.

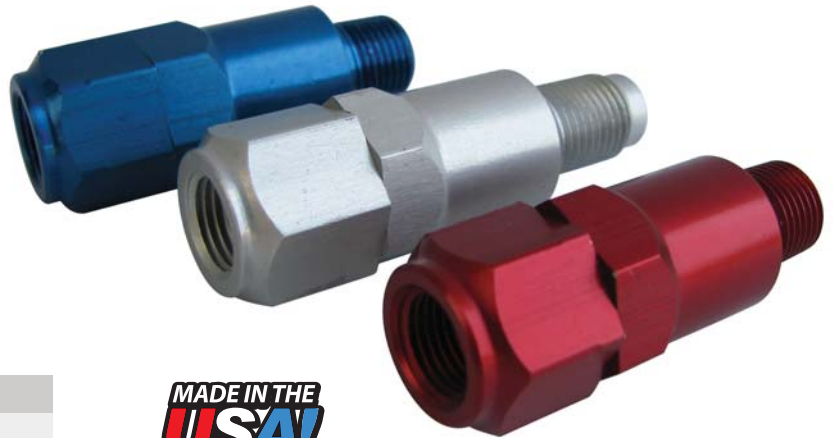


6151 JAMAR Billet Steering Box Cover

Residual Pressure Valves

The JAMAR Pro-X Series Shifter features a sealed hardened stainless steel selector shaft and shift lever. The housing is manufactured from 6061 Billet Aluminum and comes with a Polished Finish.

The All New Design allows shifting into reverse by pushing down and pulling back; no more two handed shifting as with the old super shifter.



- | | |
|------|---|
| 6112 | Residual Pressure Valve - 2 lb. (1/8" NPT) |
| 6609 | Residual Pressure Valve - 4 lb. (metric) 67-later |
| 6624 | Residual Pressure Valve - 10 lb. (1/8" NPT) |

Metric Bubble Flare

These sometime hard-to-find fittings are now available in one convenient location. Great for plumbing a new buggy or just to replace a broken or lost part.



- | | | | | |
|------|------|------|------|------|
| 6634 | 6635 | 6636 | 6637 | 6638 |
|------|------|------|------|------|

- | | |
|------|---|
| 6634 | 3/16" American Line to Metric Thread Bubble Flare - Coupler |
| 6635 | Metric Bubble Flare - Female to 1/8" Pipe - Male - Straight |
| 6636 | Metric Bubble Flare - Female to 1/8" Pipe - Male - Elbow |
| 6637 | Metric Bubble Flare - Male to 3/16" American Line Female - straight |
| 6638 | Metric Coupler |

Master Cylinder Plug

For use to plug outlets in VW Master Cylinders.



- | | |
|------|----------------------|
| 4339 | Master Cylinder Plug |
|------|----------------------|

JAMAR Pro-X Billet Aluminum Throttle Pedal

Looks fast just mounted in your car. Great fit and feel combined with an adjustable throttle cable mount make this a perfect pedal for the strip or sand.



- | | |
|------|--|
| 6186 | JAMAR Pro-X Billet Aluminum Throttle Pedal |
|------|--|

Turbo Throttle Pedal

Gives you precise throttle control and custom appearance. It bolts right into '66 and later Type-1 and Type-3 VW's to replace the complete factory throttle assembly. Manufactured from cast aluminum for increased strength, rigidity and smooth action. The pedal rides on an aluminum roller to assure full throttle response and quick "no jam" operation.



- | | |
|------|----------------------|
| 6098 | Turbo Throttle Pedal |
|------|----------------------|

Alternator Kit by CB

To meet the demand for more electrical power CB has designed a new easy to install, Alternator Kit. The kit contains all necessary parts for fast installation and is available in two numbers to fit all upright VW engines. The installation of the CB Alternator Kit will enable you to operate a full compliment of high performance driving lights, air conditioners and other electrical goodies.

The Alternator Kits are a must for off-road driving fans. It's also a welcome addition to any VW Sedan or Transporter (to '71) requiring additional power.

**SOLD OUT RIGHT,
NO EXCHANGE
REQUIRED!**



1966 Alternator Kit by CB - fits '67-later 12 volt upright engines

CB Econo Alternator Kit

Affordably priced, and very dependable! It will keep your battery topped off, giving you fresh starts, and bright headlights. This kit contains all necessary parts for fast installation and is available to fit all upright VW engines.

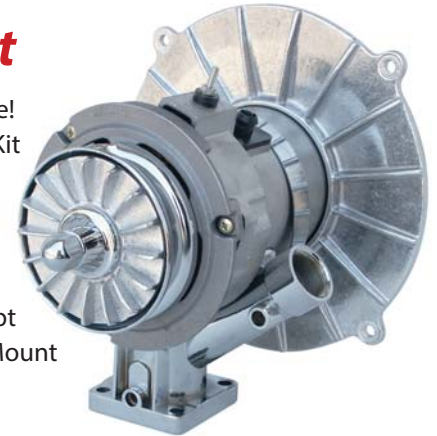


1967 CB Econo Alternator Kit (60 Amp Version)
1968 CB Econo Alternator Kit (75 Amp Version)
1965 CB Econo Alternator Kit (Chrome 75 Amp Version)

Alternator Kit

Design an engine with style! CB's special Chrome Plate Kit features a chrome pulley, strap, stand and rear sheet metal.

Everything is chrome except the Alternator. The Turbo Mount includes a turbo fan cover



2180 Alternator Kit - Custom Chrome Plate
2181 Alternator Kit - Turbo Mount

Type-3 Alt. Conversion Kit

Upgrade your Type 3 VW to a new 12 volt 55 Amp Alternator.

Quick and easy installation, bolts right in without any modifications. Comes complete with a new fan belt and billet mounting brackets.



Replacement Belt size is 10 x 965.
Fits Squareback, Notchback, and Fastback VW's.

2183 Type-3 Alternator Conversion Kit

12 Volt Change Over Kits

This kit has it all - Alternator, stand, fan cover, pulley, strap, head-lights, tail-lights, flasher, coil and volt-a-drop to power your wiper motor.



2146 Change Over Kits - Turbo 12 Volt
2152 Change Over Kit - 12 Volt
2154 Change Over Kits - Chrome 12 Volt

MST Billet Alt/Gen Stand

Made from aircraft quality 6061-T6 Aluminum Alloy. Precision machined on a 5-Axis CNC Machining Center. This stand is a direct replacement to your existing setup and requires no modifications or enhancements and will work with both an alternator or generator.



Part#	9240	9241	9242	9243
Color	Black	Blue	Silver	Red

Center Mount Support Stand



This support will accept a 12-volt Generator or Alternator, and is designed to be used with the Center Mount Fan Shroud. The support is machined from an aluminum casting and ball burnished to a bright luster.



2001	Center Mount™ Support Stand
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Chrome Plated Alt/Gen Stand

Custom polished and chrome plated to add that finishing touch to your engine.

Can be used with all 12 Volt Generators and Alternators.



2151	Chrome Plated Alternator/Generator Stand
------	--

12 Volt Alt/Gen Stand

The 12 volt alternator stand is a must have when converting your 6 volt system.

Fits all 40hp and up Volkswagen upright air-cooled engines.



2153	12 volt Alternator/Generator Stand
------	------------------------------------

BOSCH Voltage Regulators

Keep your battery charged with a brand new genuine Bosch Voltage Regulator.

Same as OEM equipment to assure quick starts, bright lights and music to cruise by.



2191	BOSCH Voltage Regulator - 12 Volt
2192	Voltage Regulator - BOSCH Alternator

Alt/Gen Straps

Can be used with all 12 Volt Generators and Alternators.



2159	Alternator/Generator Strap - Chrome Plated
2160	Alternator/Generator Strap (12 volt model)
2182	200 MPH Alternator/Generator Clamp
2194	Stainless Steel T-bolt Alt/Gen Clamp

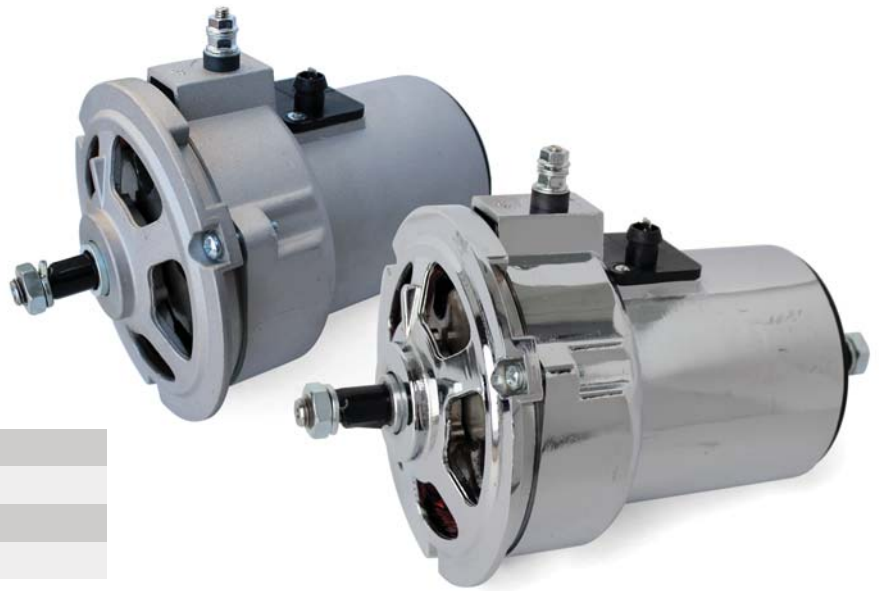
New!

12 Volt Alternators

This 12 Volt Alternator will keep your battery topped off, giving you fresh starts, and bright headlights.

Available in your choice of 60 or 75 Amp, and Chrome or Non-Chrome.

2137	12 Volt Alternator (60 Amp)
2139	12 Volt Alternator (75 Amp)
2129	12 Volt Chrome Alternator (60 Amp)
2134	12 Volt Chrome Alternator (75 Amp)



12 Volt BOSCH Alternator

This 12 Volt Bosch Alternator will keep your battery topped off, giving you fresh starts, and bright headlights.



2155 12 Volt Bosch Alternator (regulator built in)

Original Robert Bosch NOS 6 Volt Generator

WAREHOUSE FIND!

Fits up to '66 Bus & Karmann Ghia. GR14X. For a concours level restoration or the purist VW lover, these are like gold! You will not find many of these out there, and our stock is very limited, so don't hesitate as they are priced to move, and will sell out!



2138 Original Robert Bosch NOS 6 Volt Generator fits up to '66 Bus & Karmann Ghia - GR14X

12 Volt Sheet Metal

This 3 piece 12 volt Sheet Metal Kit allows you to freshen up the looks in your engine compartment, for a great price!



2158 12 Volt Sheet Metal (3 pieces)

Generator Pulley Shims

Sold in sets of 10.



2170 Generator Pulley Shims (pack of 10)

IMI Super Hi-Torque Starter

This new model starter was developed for use on extra high compression engines running 12 to 1 and high compression ratios.

The Super Hi-Torque Starter produces 40% more cranking torque than the standard IMI Hi-Torque Starter and 30% Higher RPM.



- 2140 IMI Super Hi-Torque Starter - Ball Burnished & Silver Finish
- 2141 IMI Super Hi-Torque Starter - 12 Volt Black & Aluminum - fits 091 Bus Trans.
- 2142 IMI Super Hi-Torque Starter - Chrome & Polish Finish

Hi-Torque Gear Drive Starter

Gear Drive Starters spin up fast, with less amperage pull on the battery than VW starters, plus they have a front bearing to support the drive gear. They run quiet, you can use a smaller battery, and they out last traditional VW starters. They operate on 12 volts and are equipped with a standard 12 (small tooth) drive gear.

- 2143 12 Volt - fits all Type-1 & includes Auto Stick
- 2144 12 Volt Polished & Chrome Plated - fits all Type-1 & includes Auto Stick
- 2145 6 Volt Gear (12 Volt) - fits all Type-1
- 2148 12 Volt Black & Aluminum - fits 091 Bus Tranny
- 2149 12 Volt Polished & Chrome Plated - fits 091 Bus Tranny
- 2150 6 Volt Polished & Chrome Plated - fits all Type-1
- 2195 Replacement Starter Gear (6 volt)
- 2196 Replacement Starter Gear (12 volt)



WOSP High-Torque Starter

They run quiet, you can use a smaller battery, and they outlast traditional VW starters.

Installing a Gear Drive Starter is your assurance of reliable fast starts, even with a high compression engine!



- 2135 WOSP High Torque Starter (Type-1, including Autostick)

Starter Bushing

Convert your 6 Volt VW Transaxle to a 12 Volt Starter or 12 Volt Transaxle to a 6 Volt Starter with the easy installation of 1 quick change starter bushing.



- 2109 Starter Bushing - 6 Volt Starter to 12 Volt Transaxle
- 2110 Starter Bushing - 12 Volt Starter to 6 Volt Transaxle
- 2197 Starter Bushing - 6 Volt Replacement
- 2198 Starter Bushing - 12 Volt Replacement

VDO Cockpit Gauges (Black)



Full transistorized tachometer with RPM shift pointer and inner glare free illumination. Fits most 3 1/8" openings. Connects directly to the distributor and doesn't require special sender or wiring kit. Easy to install and provides accuracy and trouble free service.



The internal lighting assures day or night viewing of oil pressure under all driving conditions. 2 1/16" case fits all standard dash openings.



Temperature is a vital indication of engine condition. Their internal lighting and easy to read matte faces brighten up the cockpit of any high performance machine.



Measures your fuel level accurately. Can be used in all '61 and later 12 volt cars with electric sender in tank.



The 2 1/16" Voltmeter will supply complete knowledge of your cars electrical system. A bad battery, malfunctioning Alternator or belt problem can be spotted with the aid of a Voltmeter. The internally lighted 2 1/16" case fits most standard panels.



Check the output of your generator or alternator at a glance. The 2 1/16" housing fits in standard size panels. Internally lighted for easy night or day time viewing. For use on all 6 or 12 volt systems.



Reads to 100 PSI. Back lighted with white letters and red pointer. Standard VDO 2 1/16" housing. Requires a tubing kit for installation. A "T" can be installed in the engine oil pressure outlet to allow use of an oil warning light in addition to the gauge.



It's programmable features a resettable LCD trip odometer and improved night-time visibility. Supplied in kit form, ready to install in your VW Bug, Van or Type-3. The kits includes a powerful GPS speed sender that transmits 200,000 pulses per mile driven.

2325	3 1/8" Cockpit Tachometer
2330	2 1/16" Cockpit Electric Oil Pressure Gauge
2331	2 1/16" Cockpit Electric Oil Temp Gauge
2333	2 1/16" Cockpit Electric Fuel Gauge

2336	2 1/16" Cockpit Voltmeter
2337	2 1/16" Cockpit Amp Gauge
2418	2 1/16" Cockpit Mechanical Oil Pressure Gauge
2400	3 1/8" Electronic Speedometer Kit

8,000 RPM Mini Tach

Precision accuracy for 4, 6, or 8 cylinder engines stuffed into a compact 2 1/16" housing. It's fully back lighted and nestles snugly in your cars gauge cluster. The VDO Mini Tach is easy to install and requires only one engine wire, one 12 volt feed wire, and a ground connection.



2362	8,000 RPM Mini Tach
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3 1/8" Replacement Electronic Speedometer

This Speedometer features push button odometer and trip odometer clearly displayed in the LCD window. Unique auto-calibration feature allows for easy adjustment and can be used with Hall Effect and inductive senders or most electronic controlled transmission outputs.



2401	3 1/8" Replacement Electronic Speedometer
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Mechanical Gas Gauge & Mechanical Float

Slips right into all 1961 through 1967 VW Sedans to give you an accurate gas level reading. Connects to the mechanical sender inside the tank.

Gauge face is bright chrome plate with black face. Mechanical cable and ball end is attached for fast installation.

Mechanical Float works with the Mechanical Gas Gauge.



- 2339 Mechanical Gas Gauge
- 2340 Mechanical Float (fits '61-67 Type-1 Beetle)

Electrical Gas Gauge

Works in 1968-1979 VW Sedans.

When changing out the current gauge, it is recommended to also change the Gauge CVR. The CVR acts as a voltage regulator.



For proper gauge reading, the gauge and CVR must be in correct working order.

- 2342 Electrical Gas Gauge (68-on)
- 2343 Electrical Gas Gauge CVR

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[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

VDO GPS Speed Sender

Now, any VDO electronic speedometer can be an incredibly accurate GPS-driven speedometer. With the VDO GPS Speed Sender, there are no cables required - just hook up power and ground and you're ready to go.

The VDO GPS sender's small size allows a variety of easy mounting options including the back of the speedometer. The sender features an LED activity status indicator and a signal loss protection circuit that continues to transmit last known speed until the GPS signal is regained.



**INCREDIBLE ACCURACY,
WITH NO CALIBRATION!**

- 2409 VDO GPS Speed Sender

VDO Cockpit Royale Gauges (White)

Today's modern technology is packaged in traditional styling. Dependability and accuracy are assured when you choose VDO. The Royale instrumentation series reflects yesteryear's motoring and will add unique finished touch to your car.



NOTE: Temp gauges require engine mounted sender.



Keep tabs on your batteries health with a VDO Cockpit Voltmeter Gauge. Dependability and accuracy are assured when you choose VDO.



Fully electrical. Oil pressure is a vital sign when running air cooled engines. The new Cockpit Royale will keep you informed while adding traditional style to your vehicle. Requires the use of an engine mounted sender (sold separately).



It's programmable and represents the next generation in instrumentation. It features a resettable LCD trip odometer and improved night-time visibility. With this kit, your electronic speedometer will auto-calibrate to any changes you make with tire sizes.



Check the fuel level in your gas tank at a glance! The 2 1/16" housing fits in standard size panels. Internally lighted for easy night or day time viewing. For use on all 6 or 12 volt systems. Fits most 2 1/16" openings. Requires our Electric Fuel Sender (#2432).

The Electronic Speedometer is supplied in kit form, ready to install in your VW Bug, Van or Type-3. The kits include a powerful GPS speed sender that transmits 200,000 pulses per mile driven. The GPS speed sender is linked to 8 satellites for great coverage worldwide. The GPS speed sensor can be mounted to the back of your speedometer or anyplace you prefer. There is even a LED light on the sensor to confirm connection to the satellites.

2372	2 1/16" Cockpit Oil Temp Gauge
2373	2 1/16" Cockpit Oil Pressure Gauge (80 PSI)
2377	2 1/16" Fuel Gauge
2379	2 1/16" Cockpit Voltmeter Gauge
2404	3 1/8" Electronic Speedometer Kit
2408	3 1/8" Electronic Speedometer

The speedometer housing fits all standard 3 1/8" dash openings and features the Spin-Lok mounting system.

Direct Mount Mini Gauges

They're only 1 1/2" in diameter and can be used right on the engine to monitor fuel or oil pressure. Use them "under the hood" while you dial in all types of fuel management systems from carburetors to fuel injection.

Direct Mount Gauges are designed to withstand engine vibrations and are packaged in select housings. They're equipped with a 1/8" pipe fitting and can be screwed directly into pressure lines, fuel rails or the engine oil galley.



Choose from two pressure settings in BLACK or WHITE face.

2420	0-15 PSI (black with chrome bezel)
2421	1-100 PSI (black with chrome bezel)
2422	0-15 PSI (white with chrome bezel)
2423	0-100 PSI (white with chrome bezel)

Speedometer Cables

Want to know how fast you're really going? Slip in a new Speedometer Cable and save yourself all the pain. They fit like new parts and are easy to install.



2310	1235mm - Sedan, 9/57-7/65 & Ghia '67-'71
2311	1195mm - Sedan, '66-'75, except Super Beetle
2312	1390mm - Super Beetle, '71-'74
2313	1167mm - Ghia & Type 3, to 7/66
2314	2070mm - Type 2, to 7/67
2315	2460mm - Type 2, 8/67 - 7/74

VDO Electric Oil Pressure Sender

VDO Pressure Senders have a 1/8" X 27 NPT pipe thread and can be installed directly into a VW engine case or used with a Multiple Adapter. Provides for location of pressure and temperature senders. For use with all 12-volt pressure gauges.



2349	VDO Electric Oil Pressure Sender - Single Pole
2350	VDO Electric Oil Pressure Sender - Dual Pole
2363	VDO 150 lb. Electric Oil Pressure Sender - Single Pole

Electric Fuel Sender

For use with stock VW electric fuel gauge or Cockpit series gauges.



2356	Electric Fuel Sender (in tank) '61 and later Sedans
2376	Electric Fuel Sender (in tank) all Super Beetles
2430	Replacement Electric Fuel Sender (in tank) fits T-2 '73-'79
2431	Replacement Electric Fuel Sender (in tank) fits Type-2 '55-72 and Karmann Ghia '67- 2/'73
2432	Electric Fuel Sender - fits '61-later VW Sedan, except S.B.
2433	Electric Fuel Sender Installation Kit

VDO Electric Oil Temp Sender

Screws into special CB multiple adapter to monitor engine oil temperature. Manufactured from sturdy brass and bakelite. Uses only one wire to connect to the Oil Temp Gauge. Perfect for use in rear engine cars. Fast, easy installation of oil temperature and pressure senders is made possible with the new Multiple Adapter.



2351	VDO Electric Oil Temperature Sender
2355	VDO Multiple Adapter (senders not included)

Mechanical Fuel Gauge Sending Unit

High quality metal fuel gauge sending unit/float assembly for your classic VW.

Engineered like the original with a brass weight to help stabilize the fuel gauge needle.

Sealed float arm and new tank gasket helps keep that nasty fuel smell out of your car. For use with #2339 Replacement Gauge. Fits all T-1 from 8/'61 to 7/'67



2375	Mechanical Fuel Gauge Sending Unit
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VDO Oil Relief Oil Temp Sender

This VDO oil temp sensor fits right into the VW engine case oil pressure relief plug hole. Constant flow of oil through this passage insures a quick and accurate reading.



2424	VDO Oil Relief Plug Oil Temp Sender
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Turn Signal Switches

Replace your faulty Turn Signal Switch with a replacement assembly. It replaces the original perfectly to restore turn signal operation and light beam selection on later models.



- 7501 Turn Signal Switch (Type-1 '62-65)
- 7502 Turn Signal Switch (Type-1 '66-67)
- 7503 Turn Signal Switch (Type-1 '68-70 & Type-3 '68-69)
- 7504 Turn Signal Switch (Type-1 1971)
- 7505 Turn Signal Switch (Type-1 '72-on)

Weather-Proof Starter Switch

Water and dust resistant sealed rubber push button with silver contacts.



Heavy duty, designed for full load momentary contact.

Operates in rugged conditions, suitable for boats, buggies and farm equipment. Starts your engine when others fail. Equipped with two screw terminals and lock washers.

- 5098 Weather-Proof Starter Switch

Ignition Switches

Available with or without keys to fit a variety of applications.

- 111-905-803d Ignition Switch w/Keys - fits all T-1 '58-7/67 (includes 2 keys)
- 111-905-865f Ignition Switch Electrical - fits T-1 8/'70-7/71 & T-2 8/'70-11/73
- 111-905-865k Ignition Switch Electrical - fits all T-1 8/'71-11/73 & T-3 from 8/'72
- 111-905-865l Ignition Switch Electrical - fits Type-1 '74-on
- 113-905-853 Switches - Lock Cylinder w/Keys - fits Type-1, Ghias & Type-3 '68-70
- 113-905-855b Switches - Lock Cylinder w/Keys - fits Type-1 & 3 from 8/'70
- 211-905-811c Ignition Switch w/Keys - fits Type-2 to 7/'66
- 211-905-855c Ignition Lock Cylinder w/Keys - fits Type-2 from '71-7/79
- 311-905-865a Ignition Switch Electrical - fits Type-1, 2, & 3 8/'67-7/70
- 411-905-855c Switches - Lock Cylinder w/Keys - fits Rabbit, Scirocco, Jetta, Quantam, 4000-5000, Coupe & Quattro



4 Position Ignition Switch

Key is removable in the OFF position only. The accessory position can be used for park lights, 2 way radio, or other low draw requirements. Designed for off-road use with silver contacts and shutter lock for dust protection.



SAVES YOUR BATTERY!

- 5096 4 Position Ignition Switch

Lever Type Ignition/ Starter Switch

Extra heavy duty, weatherproof, with a spring return to ignition position. 3 positions: off, ignition and start.



Features silver inlaid quick connect contacts and super rugged construction.

- 5090 Lever Type Ignition/Starter Switch

Battery Disconnect Switch

Heavy Duty - UL Rated 300 Amps Continuous Load Case allows surface, rear, or front mount. Mounting studs are tin coated copper and except 3/8" ring terminals.

Cranking rating is 1500 amps for 10 seconds and 500 amps for 5 minutes.

You can run 6 to 48 volts DC using cable size to meet ratings of 4/0.



5094 Battery Disconnect Switch

Stop Light Switches

The inner contacts are normally open. Closes when brakes are applied. Special features include heavy duty plated case and your choice of blade or screw type connectors. Can be used to replace defective switches on VW Sedans, Vans and T-3's or as new construction in off-road vehicles.



5075

5087

5088

5075 Stop Light Switch - 3 Terminal ('68-on)

5087 Stop Light Switch - 2 terminal - Blade Type

5088 Stop Light Switch - 2 terminal - Screw Type

Triple Sealed Toggle Switch

Specially designed for low voltage and high amperage applications such as dune buggies and off-road cars. Heavy duty copper and bronze contacts are packaged in a triple sealed housing. All hardware is plated to resist corrosion. Available in 2 & 3 position operating modes. Designed to be stem mounted in panels up to .240" thick.

(SPST) Single Pole - Single Throw
(SPDT) Single Pole - Dual Throw
(DPST) Double Pole - Single Throw
(DPDT) Double Pole - Double Throw
(MOM) Momentary



Part #	Action	Up Position	Center Position	Down Position	Number	Type	Amps
5079	SPST	ON	OFF		2	Blade	20
5081	SPST	MOM-ON	OFF		2	Blade	15
5082	SPDT	ON	OFF	ON	3	Blade	15
5083	DPST	ON	OFF		4	Blade	20
5084	DPDT	ON	OFF	ON	6	Blade	20

Toggle Switch Lever Seal

Converts switches to water and dust resistant by covering the entire toggle handle and switch face. Durable rubber toggle boot bonded to brass nut with 15/32" thread size.

The mounting surface of the nut has O-ring type seal for protection from dirt and moisture.



5099 Toggle Switch Lever Seal (each)

Sealed Start-Run-Off Toggle Switch

Specifically designed to start and run your sand buggy. This unique switch is your answer to simplicity and function. It has a 20 amp inductive load rating to provide fast starts. Silver plated contacts assure full voltage to run the ignition system and electric fuel pump. All mounting hardware is nickel plated to resist corrosion. A rubber toggle boot is supplied with each switch.



5089 Sealed Start-Run-Off Toggle Switch

Headlight Switches & Accessories

VW Headlight Switches are just about like all other automotive parts in that they will wear out and fail at the wrong time. Get a replacement today, and stay on the road! Switch Lock Rings are easy to lose, and hard to locate. Two models are available to fit VW push and pull switches.

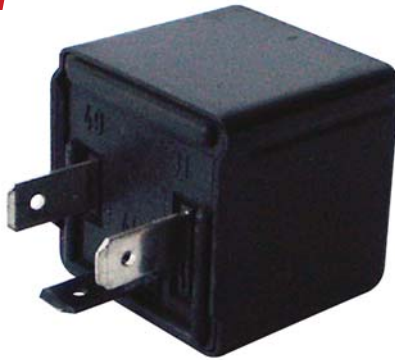
113-941-531e	Headlight Switch - fits Type-1 & 3 71-on 71-72 Super Beetle
133-941-531b	Headlight Switch - fits 73-on Super Beetle
211-941-531e	Headlight Switch - fits Type-2 1971-78
311-941-531a	Headlight Switch - fits Type-1 & 3 1958- 67 & Type-2 68-70
311-941-531b	Headlight Switch - fits Type-1 & 3 68-70
7520	Switch Lock Ring - Early (to '67)
7521	Switch Lock Ring - Late ('68-later)



3 Prong Flasher

A good working flasher is important and safe.

A defective Signal Light Flasher can get you some mean looks and could be dangerous.



2396 3 Prong Flasher

Power Relay 20/30 Amp

Instant on 20/30 AMP capacity relay is triggered by a small amount of power from your dash mounted switch. It's small, vibration and shock resistant, and features sealed construction. Silver alloy contacts provide extended life and minimal resistance. Operates on 12 volts only.



6697 Power Relay - 20/30 AMP

Headlight Dimmer Switch (Hi/Low)

Type 1 to 1965. Type 2 to 1966.



7499 Headlight Dimmer Switch (Hi/Low)

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12 Volt Horn

Replaces the original traffic horn on all 12 volt VW Sedans, Buses, and T-3 Square Backs.

Uses the same mounting hardware and wire connectors as the original horn. Functions only with 12 volt electrical systems.

Replicates the original distinctive Beetle horn sound.



2506 12 Volt Horn

Voltage Drop

Voltage Drop can handle those 6V accessories being used on a 12V car.

Easily mounted and can handle up to 50 watts. So tough it will take a direct short for up to two minutes! Features an attractive finned aluminum housing with two spade ends. Great when using 6V Wipers or 28Pict Carb Ceramic Choke on a 12V car.

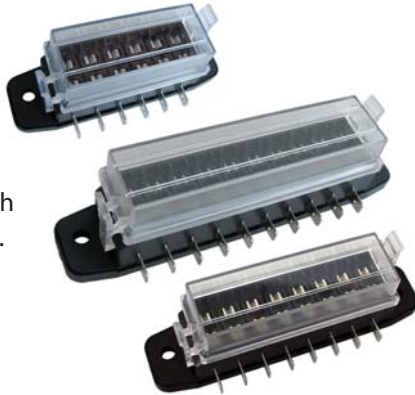


2344 Voltage Drop (12 Volt to 6 Volt)

Fuse Blocks

Now available with late ATC style plug ins and see-through detachable cover. This is the modern approach to wiring your car or buggy.

Move into state of the art wiring at budget prices.



2397 Fuse Blocks - 6 Gang

2398 Fuse Blocks - 10 Gang

2399 Fuse Blocks - 8 Gang

Fuse Boxes

Featuring a transparent plastic cover.



111-937-037 Fuse Boxes - 8 Slot

111-937-505f Fuse Boxes - 10 Slot

111-937-505l Fuse Boxes - 12 Slot

5 Pack Fuses

You cant always locate VW fuses when you need 'em.

Order an extra set, put 'em in your glove box and you'll be ready for the next big blow out.



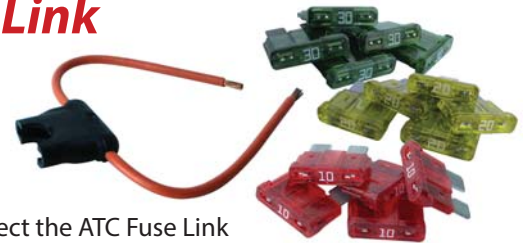
2345 8 amp Fuses (5 pack)

2346 16 amp Fuses (5 pack)

2347 25 amp Fuses (5 pack)

ATC Fuse Link

ATC Fuses plug securely into the fuse block to eliminate loose connections. Connect the ATC Fuse Link in line to provide fail safe electrical service for radios, lights and other circuits. Uses modern ATC style fuses.



2405 ATC Fuse Pack - 5 fuses (10 amp)

2406 ATC Fuse Pack - 5 fuses (20 amp)

2407 ATC Fuse Pack - 5 fuses (30 amp)

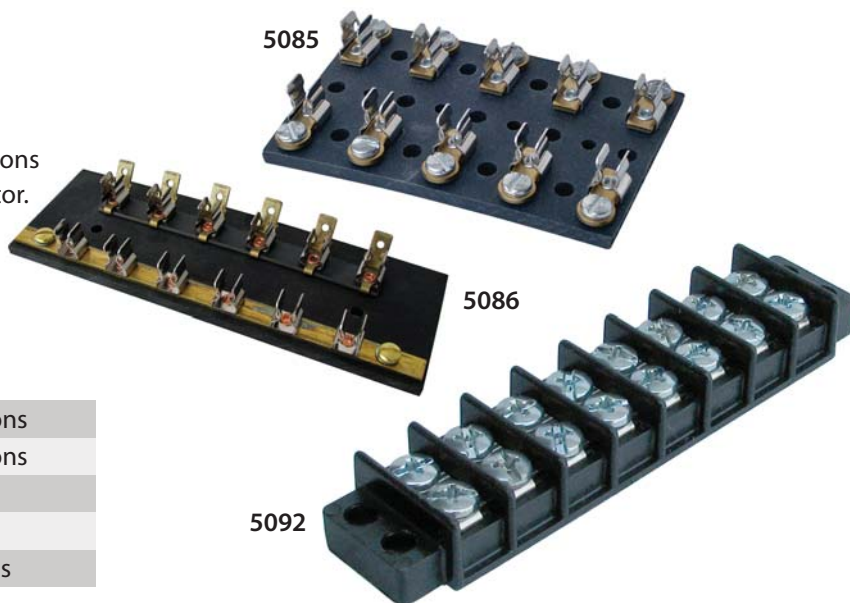
2450 ATC Fuse Link

Hot Feed Connections

Marine construction, recommended for exposed applications or where moisture and other climatic conditions are a factor.

Features brass nickel plated terminal links and binding terminal screws. Moisture repellent molded bakelite base with protective barrier strips.

5085	Hot Feed Connections - Common Fused - 5 Stations
5086	Hot Feed Connections - Common Fused - 6 Stations
5091	Hot Feed Connections - Independent - 6 Stations
5092	Hot Feed Connections - Independent - 8 Stations
5093	Hot Feed Connections - Independent - 10 Stations



Large Indicator Light

1" diameter and easily visible in bright sunlight. They're available plain or with letters indicating the lights job. For use on all 12 volt systems.



5120	Large Indicator Light (Plain) Red
5121	Large Indicator Light (Plain) Green
5122	Large Indicator Light (Plain) Amber
5125	Large Indicator Light - IGN - Green
5126	Large Indicator Light - ALT - Amber
5127	Large Indicator Light - OIL - Red

Small Indicator Light

Indicator lights are a vital part of engine security. We've got 'em in four colors to provide immediate indication of engine warning or trouble. Easy to install, they simply press into any 1/2" hole. They are illuminated by a 12 volt bulb and are the perfect 'idiot light' for your new alternator (this item may vary slightly from the image shown).



2411	Small Indicator Light (Blue)
2412	Small Indicator Light (Amber)
2413	Small Indicator Light (Red)
2414	Small Indicator Light (Green)

VDO Gauge Mounting Panels

The fast, easy way to mount those new VDO Gauges.



Manufactured from heavy gauge steel and finished in smooth black. Mounts one, two, or three 2 1/16" gauges in your dune buggy or car.

2385	Gauge Mounting Panels - Single (Black)
2386	Gauge Mounting Panels - Double (Black)
2387	Gauge Mounting Panels - Triple (Black)

Gauge Mounting Plates

Uses VDO 2-1/16" gauges or similar design that uses the small style bezel.

Gauges mount behind the panel and are held in place with the metal back plate, eliminating the need to cut your dash!

Manufactured by FastFab.



2388	Gauge Mounting Plate (fits Beetle '58-67) NEW!
2389	Gauge Mounting Plate (fits Beetle '50-57, Ghia '56-65) NEW!

Replacement Light Bulbs

Don't be left in the dark, when it comes to replacement light bulbs.

We've got have what you need!



2390	Single Element Light Bulb (larger bulb) Bayonet Base 12 Volt
2391	Double Element Light Bulb, Bayonet Base 12 Volt - fits Type-1 Brake Light
2392	Single Element Light Bulb (smaller bulb) Bayonet Base 12 Volt
2393	Single Element Light Bulb (smaller bulb) Bayonet Base Dome Light
2394	Single Element Light Bulb (smaller bulb) Bayonet Base Dash Light

Deluxe Light Bulb Kit

It's complete and includes every bulb in your 12 volt Sedan!

This deluxe kit includes 2 super-bright H4 Halogen headlights.



2174	Deluxe 12 Volt Light Bulb Kit with H4 Halogen Lamps
------	---

H4 Halogen Lights

Now you can move up to 100% more visibility than stock head lamps Halogen Head Lamps produce a more probing light with a disciplined beam that reaches out into the night without blinding oncoming drivers. Now available to fit all automobiles using 7" lights and a 12 volt system.



3425	H4 Halogen Lamps - 12 Volt (each)
3427	H4 Halogen Head Lamp Bulb - Replacement (1 pair)
3460	H4 Blue Halogen Lights - Icy Blue (1 pair)

LED Dome Light Bulbs

Bright 8-LED Dome Lights are now available in an assortment of colors.

Sold Each.



Part#	2440	2441	2442	2443	2444	2445
Color	White	Purple	Amber	Green	Red	Blue

SUPER BRIGHT 50 watt Halogen Bulbs

2 1/2 times brighter than standard equipment.

See and be seen better when backing up, using the Super 50 Watt Back Up Lights.

Replaces standard 1156 style bulb. Sold in Pairs



6190	SUPER BRIGHT 50 watt Halogen Bulbs (pair)
------	---

Headlight Assemblies

Available to help you quickly and easily replace rusted and damaged original lights. Shipped complete and ready to install. Chrome mounting screws and headlamp clips are also included. You can use any 12 volt sealed beam bulb, including Halogen Lamps.



- 3429 Early Headlight Assembly - fits all VW Sedans to '66 (each)
- 3433 Late Headlight Assembly - fits all VW Sedan '67-on (each)

Chrome Eyebrows

They slip right on to give your car that classic vintage look.

The first Head Lamp Eyebrows were popular in the days when car dealers offered their customers a special deluxe dress-up package. They can be used on all VW Sedans, Ghias, and Squarebacks.



- 3434 Chrome Eyebrows (set of 2)
- 3443 Chrome Eyebrows - Louvered (set of 2)

Flat-4 Stainless Headlight Rings

Classic stainless steel headlight rings are manufactured by Flat 4 to their highest standards. The fit and finish are perfect for that classic restoration project and installation is easy with all of the correct year breaks available.

Sold Each.



- 3435 fits Type-1 to '60, and Type-2 '50-63 (each)
- 3436 fits Type-1 '61-66, and Type-2 '64-67 (each)
- 3437 fits Type-1 '67-79, Type-2 '68-79 and All Things (each)

Chrome Headlight Bezels

Clean up the front end of your VW Sedan with a set of Chrome Headlight Bezels/Rings.

They fit right on to give your VW that fresh new car look.



- 3428 Chrome Headlight Bezels (pair)

'39 Ford Style Tail Lights

The early 39 Ford street rod look is now the ultimate in custom look for bugs, and fiberglass buggies.

Featuring Chrome bezels, dark red lenses and a pig tail wiring harness. Sold in pairs.



- 3494 Tail Lights - 39 Ford Style (pair)

Type-2 Tail Light Lenses

Matches original equipment to give your car a fresh, bright, show room look.

Built in reflectors and prisms add to your driving safety.



- 3498 Tail Light Lenses Type-2 62-71 (each)



GRANT Classic Steering Wheels

Chrome Three Spoke Design with Round Holes and Black Foam Cushion Vinyl grip.

Great for Sand Rails and Fiberglass Buggies.

Requires Grant Steering Wheel Adapter Kit.

Available in three classic diameters.



- | | |
|------|---|
| 4780 | Steering Wheel - 10" Grant Super Deep Classic (features a 5 1/2" Dish) |
| 4781 | Steering Wheel - 11 1/2" Grant Classic (features a 3 3/4" Dish) |
| 4782 | Steering Wheel - 13 1/2" Grant Super Classic (features a 2" Dish) |
| 4783 | Steering Wheel - 13 1/2" Grant Classic 3 Spoke (features a 3 1/2" Dish) |

Steering Wheel Adapter Kit

Fits all classic Grant Steering Wheels as well as many other 3 bolt Grant Pattern Steering Wheels.



- | | |
|------|--|
| 4785 | Steering Wheel Adapter Kit - fits '60 to '73 VW Beetle |
| 4786 | Steering Wheel Adapter Kit - fits '74-on VW Beetle |

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Flat 4 Vintage Steering Wheels

Available in Silver Beige or Black.

Measures 17 1/2" Diameter and fits Type-2's, '55-67.



- 4833 Steering Wheel - Flat 4 17 1/2" Vintage - fits Type-2 '55-67 (Silver Beige)
- 4834 Steering Wheel - Flat 4 17 1/2" Vintage - fits Type-2 '55-67 (Black)

Flat 4 Wooden Steering Wheels

Flat 4 Wooden Steering Wheel, made of mahogany wood.

IN-179 Measures 14" Inner Diameter & 15" Outer Diameter
 I-180 Measures 15 1/2" Diameter.

Installation requires a Flat 4 GT Steering Boss Kit.



- IN-179 Wooden Steering Wheel (Brushed) Flat 4
- I-180 Wooden Steering Wheel (Polished) Flat 4

Flat 4 Vintage Horn Buttons

Fits Type 1 '55-59 and Type 2 '55-67.



- 4831 Flat 4 Vintage Horn Button (Ivory)
- 4832 Flat 4 Vintage Horn Button (Black)
- 4870 Flat 4 Vintage Horn Button (Silver Beige)

Flat 4 GT Steering Boss Kit

Manufactured by Flat 4.



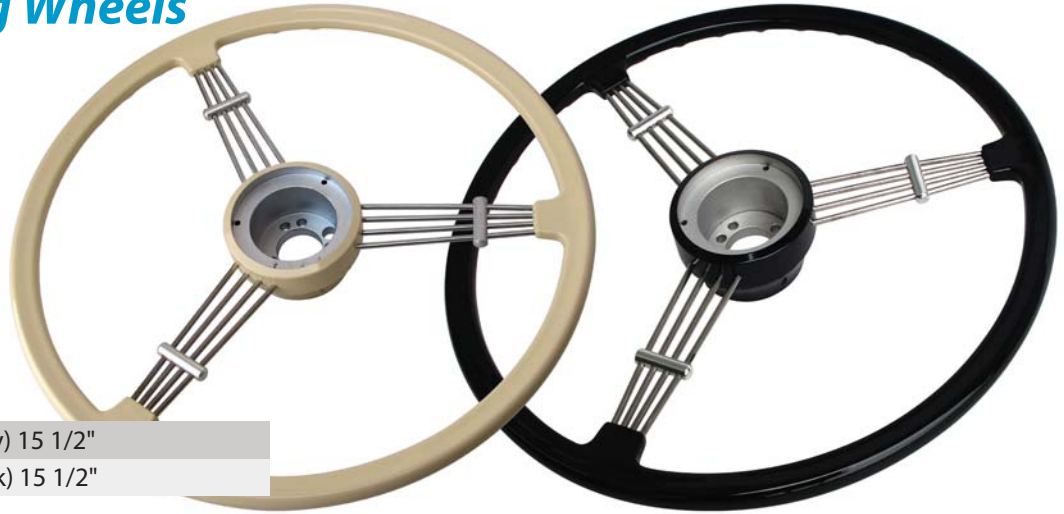
- I-181 Steering Boss Kit - Flat 4 GT - fits Type-1 '49-59
- I-182 Steering Boss Kit - Flat 4 GT - fits Type-1 60-74 1/2
- I-183 Steering Boss Kit - Flat 4 GT - fits Type-1 '74 1/2-later

Flat 4 Banjo Steering Wheels

Available in Ivory or Black.

15 1/2" Diameter.

Installation requires a Flat 4 Banjo Steering Boss Kit.



- I-235 Flat 4 Banjo Steering Wheel (Ivory) 15 1/2"
- I-235b Flat 4 Banjo Steering Wheel (Black) 15 1/2"

Flat 4 GT Banjo Steering Boss Kit

For use with Flat 4 Banjo Steering Wheel.



- I-236 Steering Boss Kit - Flat 4 GT Banjo - fits 49-59 **NEW!**
- I-237 Steering Boss Kit - Flat 4 GT Banjo - fits 60-74 1/2

Flat 4 Banjo Horn Button

Produced by Flat 4, for use with Banjo Steering Wheel.



- I-246 Flat 4 Banjo Horn Button - Golden Lady
- I-246a Flat 4 Banjo Horn Button - Sun & Moon
- I-246b Flat 4 Banjo Horn Button - St. Christopher

Horn Button

Fits bugs to '67 and is an exact replica of the original assembly.

This is a must for the total restoration project.



- 5190 Replacement Steering Wheel Horn Ring
- 5191 Replacement Horn Button (Wolfsburg Crest)
- 5192 Horn Button Contact - Flat 4

Steering Wheel Horn Button

Works with Flat 4 GT Steering Boss Kit.



- I-184 Steering Wheel Horn Button - Wolfsburg Logo

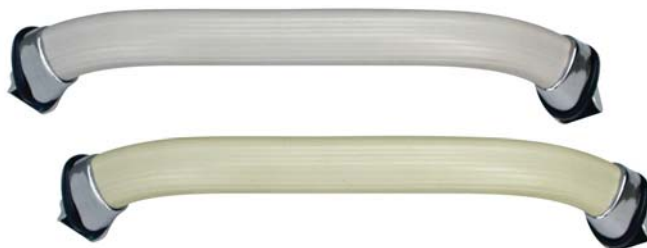
VW Glove Box

Replaces broken and worn glove boxes with stronger than original construction. Fits '68-later Standard VW Sedan. Locking Glove Box Latches for Early or Late Sedans. Each Glove Box Latch comes with two keys.



- 5895 Glove Box - VW
- 3721 Glove Box Latch ('53-67)
- 3722 Glove Box Latch ('68-on)

Replacement OEM Style Passenger Grab Handles



- 5270 Passenger Grab Handle (Grey) fits '58-67 T-1 Sedans
- 5271 Passenger Grab Handle (Ivory) fits '58-67 T-1 Sedans

Flat 4 Rosewood Accessories

During the late 60's and early 70's, your VW wasn't considered 'custom' until it's interior was fitted with these.



- 4819 Flat 4 Rose Wood Shift Knob
- 4846 Door Lock Pulls - Flat 4 Chrome & Rosewood - fits '67-on Type-1 and '68-on Type-3 (sold in pairs)
- IN-108 Emergency Brake Handle with Stainless Button - Flat 4 Rosewood
- 4847 Radio & Dash Knobs - Flat 4 Rosewood (sold in pairs)

Vent Wing Latches

Sold Individually.



- 3715 Vent Wing Latch 53-64 (left)
- 3716 Vent Wing Latch 53-64 (right)
- 3717 Vent Wing Latch 65-67 (left)
- 3718 Vent Wing Latch 65-67 (right)
- 3719 Vent Wing Latch 68-on (left)
- 3720 Vent Wing Latch 68-on (right)

Custom Console

These one-piece consoles are vacuum formed from ABS plastic for strength and durability. The contemporary styling and design provides a versatile storage place and two large cup holders. Sold complete with shift boot and all mounting hardware. Will not fit Super Beetles.



- 5779 Custom Console - fits '54-64 Sedan, Ghia & Type-3 (black)
- 5780 Custom Console - fits '65-79 Sedan, Ghia & Type-3 (black)

Front Speaker Panels

They fit right into VW Sedans and Squareback to provide easy installation for stereo speakers.



They eliminate the need to cut holes in the door panels.

Your speakers will be out of sight, and you'll get great sound with a set of Front Speaker Panels.

- 5778 Front Speaker Panels

Replacement Bug Dash

More durable than factory dashes.

A new dash will help you put the final touch to your custom VW Sedan or Ghia.

Your new dash will fit just like the original.



- 5822 Replacement Bug Dash (68-70)
- 5823 Replacement Bug Dash (71-76 Sedan / 71-72 S.B.)

Under Hood Wiring Cover

Restore your trunk to "Like New" with a Wiring Cover.

Helps to reduce noise and flow of cold air through the dash panels.



- 5995 Under Hood Wiring Cover (to '67)
- 5996 Under Hood Wiring Cover (68-on)

All Weather Floor Mats

Made from an odorless compound, and has deeply sculpted channels designed to trap water, road salt, mud and sand. The proprietary engineered resin ensures that these mats will not curl, crack or harden in sub-zero weather. They also have anti-skid ridges to prevent shifting in your vehicle and come with a protective, non-stick finish to make cleanup quick and easy. Doesn't fit Super Beetles!



- 5825 All Weather Floor Mats - Black (fits '58-72)

Radio Delete Plate



FastFab manufactures these in their California facility to factory specifications. They have really worked hard to ensure a nice part that will fit your cars dash opening, just like the factory part.

- 5814 Radio Delete Plate **NEW!**

Rear Kick Panels

They look great and add a finishing touch to your Sedans rear compartment.

Wood masonite backings are covered with durable black leatherette to achieve an original look.

Material is clearly marked for grommet installation. Sold in sets of two to fit all VW Sedans from 1963 through 1977.



- 5776 Rear Kick Panels

Aluminum Dash Panel

Add a custom race look with a handcrafted Aluminum Dash Panel.

Shipped to you without gauge or switch holes to allow for total custom design and installation. Available to fit VW Sedans.



- 5811 Dash Panel (Aluminum) Sedan 65-on

Hot Billet Look Door Lock Pulls

Billet Style Door Pulls thread directly onto your VW's door lock studs.

They fit all VW Sedans. Sold in pairs.



6659 Door Lock Pulls - Hot Billet Look

Emergency Brake Boot

Looks just like the original part. Fits over emergency brake handle to keep cold air out of the driver's compartment.



This is an easily installed part that adds the finishing touch to your VW interior.

5867 Emergency Brake Boot (to-67)

5869 Emergency Brake Boot (68-on)

Seat Belts

Fits VW sedans and square backs with door post mount location. Door post mount can be installed in older cars, Provides added security and comfort to driver and front seat passenger.

3 point Seat Belts are manufactured from heavy double stitched nylon webbing.

Quick release buckles provide ease of entry and exit.

7017 Seat Belts - 3 Point - Grey

7020 Seat Belt Bolts - VW (set of 4)

7028 2 Point Seat Belts - Black w/Wolfsburg Logo (two seats)

7030 3 Point Seat Belts - Black w/Wolfsburg Logo (two seats)



Center Console Baskets

Store your goodies in this handy center console basket. It fits snugly over a Sedan's interior center tunnel, in front of the shifter. Holds two beverages (one small, one large) with room for a few other items (such as a sunglasses case, hand sanitizer, or winter driving gloves.)

Available in three colors; Black, Chrome and Ivory.



5781 Center Console Basket - Black

5782 Center Console Basket - Chrome

5783 Center Console Basket - Ivory

Rear View Mirror

Replace that broken or missing mirror on VW sedans from '58 to '64, or to '65 to '67. Outer surface is now finished in a high luster polished chrome.

Original sun visor mounts slide in to mounting ports on the #6021, as with original equipment.



- 6021 Rear View Mirror for Sedan ('58 to '64)
- 6008 Rear View Mirror for Sedan ('65 to '67)

Rear View Mirror

Snaps into position just like OEM Mirrors. Equipped with distortion free optic filter mirror to aid in night time driving.

The grained matte black surface reduces glare and reflections. An exact fit for all late model bugs, '68 on. Also fits all Super Beetles.



- 6022 Rear View Mirror - Late Model Bug (68-on)

Sunvisors

Designed to replace your worn and tattered sun visors.

Manufactured by overseas craftsmen to the same high standards as original equipment.



- 5760 Sunvisors - '58-64 White (pair)
- 5748 Sunvisors - '65-67 White (pair)
- 5761 Sunvisors - '68-77 White (pair)
- 5757 Sunvisors - '58-64 Black (pair)
- 5749 Sunvisors - '65-67 Black (pair)
- 5759 Sunvisors - '68-77 Black (pair)

Sunvisor Mounts

Use these replacement visor mounts, to restore the original look of your vehicle's interior.

Available in white or black, for early or late Type 1's.



- 5765 Sunvisor Mounts - '65-67 White (pair)
- 5766 Sunvisor Mounts - '68-77 White (pair)
- 5807 Sunvisor Mounts - '65-67 Black (pair)
- 5808 Sunvisor Mounts - '68-77 Black (pair)

Flat 4 Chrome Window Cranks with Rosewood Knob

During the late 60's and early 70's, your VW wasn't considered 'custom' until it's interior was fitted with these. Fits Type-1, 2, & 3s, '68-on

- 4843 Window Cranks with Rosewood Knob and Escutcheon fits '68 and later Type-1, 2 and 3 (sold in pairs)
- 4844 Window Cranks with Rosewood Knob and Escutcheon fits through '67 Type-1, 2 and 3 (sold in pairs)



Window Cranks

#3711 & #3712 are designed to fit to '66, but will also fit a 1967 T-1.



- 3711 Window Crank to 67 (ivory)
- 3712 Window Crank to 67 (black)
- 3713 Window Crank 68-72 (black)
- 3714 Window Crank 73-on

Flat-4 Inner Door Handles

During the late 60's and early 70's, your VW wasn't considered 'custom' until it's interior was fitted with these.



- 4845 Inner Door Handle with Rosewood Escutcheon Flat 4 Chrome - fits to '66, Type-1 (sold in pairs)

Inner Door Handles

One part can fit either driver or passenger side.



- 3710 Inner Door Handle (to '66)
- 3738 Inner Door Handle 68-on (right)
- 3739 Inner Door Handle 68-on (left)

Lower Window Sash

You'll need a set of Lower Window Sashes when you convert your '61-64 Sedan to One Piece Cal-Look Windows.



This is the part that grips the bottom of the window glass to raise and lower it. The Sash is mounted to the window regulator. You'll need two of 'em - one for the left side and one for the right side. You can also use Lower Window Sashes as a replacement part in '65-later Sedans with standard or Cal-Look Windows.

- 3747 Lower Window Sash (set of 2)

Stock Window Regulators

Reduce body roll in your VW Sedan!

Bolts right on in less than 30 minutes to help eliminate wheel lifting during cornering,



Part#	3468	3469	3473	3472	3471	3470
Side	Driver	Pass.	Driver	Pass.	Driver	Pass.
Years	'58-64		'65-67		'68-74	

Cal-Look Window Regulators

Rear Anti-Tuck Straps can be set to limit the downward travel of all Swing Axle Rear Ends. You can prevent dangerous over steer by limiting the amount of "drop" on the inside rear axle during hard cornering.



3475	Cal-Look Window Regulator - '58 to 64 Driver Side
3476	Cal-Look Window Regulator - '58 to 64 Passenger Side

Complete Door Panel Kits

They look and fit like the factory originals! Each Panel is hand crafted from foam backed vinyl that is heat-pressed to heavy fiberboard. Shipped complete with 2 Door Panels with Map Pockets and 2 Rear Quarter Panels.



5800	Complete Door Panel Kit - '58-64
5804	Complete Door Panel Kit - '65-66
5809	Complete Door Panel Kit - '67-77
5805	German Door Panel Clips
5806	Door Panel Rubber Inserts (set of 50)

Door Panel Set

Pre-Punched Panels ready to install. Map Pockets designed into each door panel. Door pulls plus Panel Installation clips included.



Door Panel Rubber Inserts are also available in sets of 50 (#5806)

5921	Door Panel Set (Black) Sedan '58-64
5929	Door Panel Set (Black) Sedan '65-66
5937	Door Panel Set (Black) Sedan '67-77
5982	Door Panel Set (Black) Convertible '58-64

Headliners (White or Black)

The crowning touch. A new Headliner will give your VW Sedan that new car look. Each headliner is a faithful reproduction of the factory original. They even smell new.

A new Headliner, a must for the total custom or restored VW.



5830	Headliner Kit (White) fits Sedan '53-60
5831	Headliner Kit (White) fits Sedan '61-62
5845	Headliner Kit (White) fits Sedan '63
5832	Headliner Kit (White) fits Sedan '64-67
5846	Headliner Kit (White) fits Sedan '68-72
5848	Headliner Kit (White) fits Sedan '73-77

5841	Headliner Kit (Black) fits Sedan '53-60
5842	Headliner Kit (Black) fits Sedan '61-62
5843	Headliner Kit (Black) fits Sedan '63
5844	Headliner Kit (Black) fits Sedan '64-67
5847	Headliner Kit (Black) fits Sedan '68-72
5849	Headliner Kit (Black) fits Sedan '73-77

Gas Pedals w/Black Pad

Aluminum Gas Pedals w/Black Pad, are now available to fit '55-67 Type-2 Transporters, '55-67, and Type-1 Sedans, '66-on.

Pedal Finish is available in POLISHED or BLACK ANODIZED.



- 5563 Gas Pedal w/Black Pad - Polished (Bus '55-67) **NEW!**
- 5564 Gas Pedal w/Black Pad - Black (Bus '55-67) **NEW!**
- 5561 Gas Pedal w/Black Pad - Polished ('66-on) **NEW!**
- 5562 Gas Pedal w/Black Pad - Black ('66-on) **NEW!**

Cruiser Gas Pedal w/Black Pad

FastFab CNC Machines these Cruiser Gas Pedals from 6061 aluminum. This part will hold up better than the cast alloy products as well as polish brighter and stay that way longer. All hardware included in this kit. Fits Type-1 Sedans, '53-57 as is. Installation on Type-1 Sedans '58-66 requires a roller pedal.



- 5565 Cruiser Gas Pedal w/Black Pad - Polished ('53-57) **NEW!**
- 5566 Cruiser Gas Pedal w/Black Pad - Black '53-57) **NEW!**

Pedal Pads

#5559 Fits Type-1 Sedan stock pedal assemblies.

#5560 - Throttle Pedal Pad for Stock pedals.



- 5559 Pedal Pads (Clutch and Brake) VW (set of 2)
- 5560 Pedal Pads (Throttle Pedal) VW to '72

Door Sill Plates

They fit all year Beetle Sedan body cars. FastFab manufactures them in their California facility to factory specs. They are made of high quality thick stainless steel that has the embossed squares pattern, just like the original ones did when the cars were new. Every set is embossed with the Wolfsburg crest log, for a finished look. Includes all necessary hardware for installation. **Sold in pairs.**



- 5826 Door Sill Plates (fits Beetle '50-79) **NEW!**
- 5827 Door Sill Plates (fits Convertible Beetle, All Years) **NEW!**

Rear Seat Assist Strap

Sold Individually.



- 5764 Rear Seat Assist Strap

Round Mirrors

Original equipment to 1965.
Fits all bugs to 1967.

Brightly chromed metal assembly
supports optically corrected mirror.

Mounts to door hinge pin.



- 6018 Round Mirror (Driver Side)
- 6019 Round Mirror (Passenger Side)

Oval Mirrors

Visual optics help diminish glare
and vibration. Chrome plate for
beauty and durability.

Oval Mirrors can be used on all
bugs and convertibles to 1967.
They mount to the top door
pin hinge.

Fits Type-1 Sedans, to '67.



- 6009 Oval Mirror (Driver Side)
- 6010 Oval Mirror (Passenger Side)

Side View Mirrors

Fits Type 1 Sedans.

Fits Driver or
Passenger side.

Nut & Ferrel
sold separately.



- 6006 Side View Mirror (Flat 4)
- 6007 Side View Mirror Nut & Ferrel (Flat 4)

Chrome Late Model Mirror

Screws into driver
side door of all '68
& later bugs. Fits like
OEM equipment.

These mirrors are manufactured from heavy gauge metal, triple
chrome plated and provided with optically corrected glass mirrors.

Fits Type-1 Sedans, '68-later.



- 6011 Chrome Late Model Mirror (Driver Side) 68-on
- 6015 Chrome Late Model Mirror (Passenger Side) 68-on

Late Convertible Mirrors

Fits like OEM
equipment.

Available to fit
those cars with
factory equipped
threaded insert in
drivers door.

Manufactured from heavy gauge metal, triple chrome
plated and provided with optically corrected glass mirrors.



- 5998 Late Convertible Mirror (Driver Side)
- 5999 Late Convertible Mirror (Passenger Side)

Universal Billet Mirror

Universal in design to fit
most any application.
Machined from high
quality aluminum
and then triple chrome
plated for a long lasting
durable shine. Same
mirror works for both
right and left sides.



- 6670 Universal Billet Mirror Clamp (required for installation)
- 6672 Universal Billet Side View Mirror - Oval
- 6673 Universal Billet Side View Mirror - Rectangle

Type-2 Bus Mirror (Early)

Now available in bright chrome to replace broken and rusted mirrors. The mirror mount doubles as the door hinge pin on early Type-2's.

If your mirror is broken off at the hinge, this mirror replaces the whole thing, door hinge pin and all. One part number fits either side: order two for a matched set.



6020 Chrome Early Type-2 Bus Mirror (fits to 1967)

Type-2 Bus Mirrors (Late)

Fits late VW Buses. Available in chrome or black, left and right side models. Threads right into factory mounts. Easy to install. Also adds safety and a custom look. High quality glass mirrors are optically corrected to provide long trouble free service.



6012 Black Type-2 Bus Mirror (Driver Side)

6016 Chrome Type-2 Bus Mirror (Driver Side)

6017 Chrome Type-2 Bus Mirror (Passenger Side)

Type-2 Stainless Side Mirror

Type-2 Vintage '50-67 Stainless Side Mirrors for Right Side or Left Side.

Part of Flat 4's "Dennis' Collection"

Sold Separately.



T2-129a Type-2 '50-67 Stainless Side Mirror (Left Side)

T2-129b Type-2 '50-67 Stainless Side Mirror (Right Side)

**CHECK US OUT
ONLINE AT
cbperformance.com**

And Follow us on Social Media:
[Facebook.com/CBperformance](https://www.facebook.com/CBperformance)
[Instagram.com/cb_performance](https://www.instagram.com/cb_performance)
[YouTube.com/CBperformance](https://www.youtube.com/CBperformance)

Outer Door Handles (each)

Quickly replaces worn and defective parts and is a great answer for missing keys.



3706 Outer Door Handle with Keys '60-64 (each)

3707 Outer Door Handle without Key '60-64 (each)

3734 Outer Door Handle with Key '65-66 (each)

3709 Outer Door Handle with Key '68-on (each)

Outer Door Handles (pairs)

If you don't want a key for each door, then a pair of new Outer Door Handles is the way to go.



3742 fits '68-79 VW Buses (Matched pair w/Keys)

3743 fits '60-64 Type-1 Sedans (Matched pair w/Keys)

3744 fits '65-66 Type-1 Sedans (Matched pair w/Keys)

3745 fits '68-on Type-1 Sedans (Matched pair w/Keys)

Bug Sedan Windshields

This item is available only for Counter Pick-up.

**COUNTER
SALES ONLY**

DOES NOT SHIP!



- | | |
|------|---|
| 5210 | Windshield Bug Sedan 1958-64 |
| 5211 | Windshield Bug Sedan 1965-77, Super Beetles 1971-72 |

BOSCH Wiper Blades

Sold in pairs.



- | | |
|------|---|
| 7515 | Wiper Blades - Type-2 68-on - 16" (pair) |
| 7516 | Wiper Blades - Type-1 58-64 - 10" (pair) |
| 7517 | Wiper Blades - Type-1 68-on - 11" (pair) |
| 7518 | Wiper Blades - Super Beetle 73-79 - 15" (pair) |
| 7519 | Wiper Blades - Karmann Ghia 68-74 - 13" (pair) |
| 7525 | Wiper Blades - Type-1 Sedan '65-67 - 10" (pair) |

Outside Door Window Scrapers



- | | |
|---------------|---|
| 113-853-321AL | Outside Door Window Scraper - left ('53-64) |
| 113-853-321AR | Outside Door Window Scraper - right ('53-64) |
| 113-853-321d | Outside Door Window Scraper w/Trim Frame - left ('65 on) |
| 113-853-322d | Outside Door Window Scraper w/Trim Frame - right ('65 on) |

Door & Vent Wing Seals

Keep your doors and vent wings sealed up and looking good with these quality replacement seals.

111-831-449	Door Mounting Screw Cover - OEM
111-837-439d	Top/Rear of Door Window Felt Channel (48.5" or 72")
111-837-625	Vent Wing Seal 52-64 (left & right set)
111-837-625d	Vent Wing Seal 65-77 (left & right set)
111-837-629	Vent Wing Post Seal (left & right)
311-837-433a	Door Seals - Vent Wing Post Felt Channel - 32.5" long (pair)
211-837-629	Seals - Vent Wing Post Seals Bug 65 on and Bus up to '67 (pairs)
211-831-721.722d	Type-2 Bus Door Seals - '68-79 (pairs)



Front Turn Signal Seals

Seal out the weather and add that professional touch in one easy operation.

Shipped in sets of two.



111-191f	fits Type-1 Sedan '54-57 (pair)
111-192f	fits Type-1 Sedan '58-63 (pair)

Fender Beading

Replacement Rear Fender Beading, to clean up your ride.

A must for any quality restoration project.

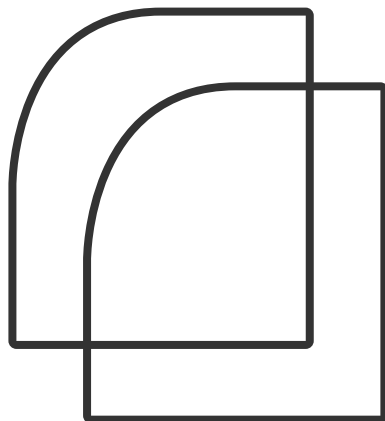


5816	Fender Beading - Black (four fenders per roll)
5818	Fender Beading - Black Type-1 Front Fender (pair)
5819	Fender Beading - Black Type-1 Rear Fender (pair)]

Door Seal Kit

Keep old man winter from cooling your toes with a set of super sealing rubber door seals.

Molded of jungle fresh black rubber to withstand the rigors of rain, mud and freezing weather.



5860	Door Seal Kit 50-66 (left & right)
5861	Door Seal Kit 67-77 (left & right)

Inside Door Window Scrapers

Sold individually. Fits Type-1 Sedans.



111-837-475	Left or Right '52-64
111-837-475a	Left w/7 Clips ('65-mid68)
111-837-475b	Left w/4 Clips ('68-77)
111-837-476	Right w/7 Clips ('65-mid68)
111-837-476a	Right w/4 Clips ('68-77)

Body to Chassis Seal

A new body to chassis seal is an absolute must for that complete restoration job. These are manufactured from thick cushy weather and ozone resistant rubber to seal out dirt and moisture.

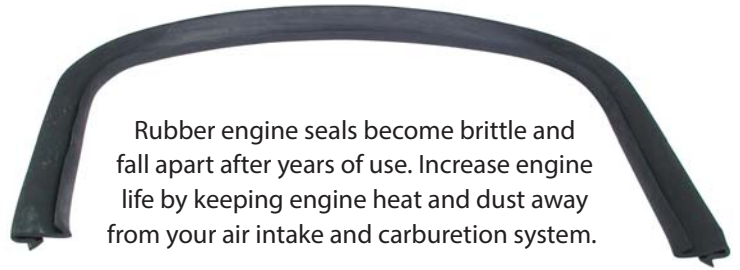


One kit fits all VW sedans ('46-77), including split windows to Super Beetles.

5885 Body to Chassis Seal (Type-1)

Engine Seal Molding

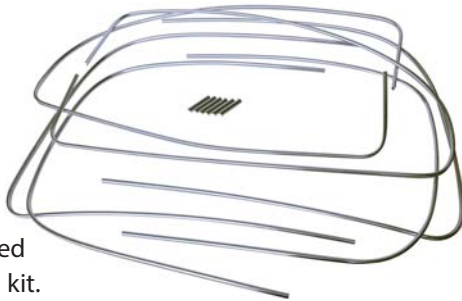
Rubber engine seals become brittle and fall apart after years of use. Increase engine life by keeping engine heat and dust away from your air intake and carburetion system.



5875 Engine Seal Molding (Rear) to '67
 5876 Engine Seal Molding - Rear - 68-on
 5879 Engine Seal Molding - Front Engine Seal Bell Housing Side - Type-1

Aluminum Trim for Window Rubber

Original German polished aluminum window trim kit.



Top German quality PM brand that is no longer available. Limited to supply on hand - when they are gone, they're gone!

5858 Aluminum Trim for Window Rubber
 Fits '65-68 VW Bug (one set)

Cal-Look Window Rubber Kit



Now you can move up to the new "California Look" with your VW Bug. Top quality rubber weather-strip kits are now available to fit all years and models of VW Sedans. The kits feature unshrinkable, water tight molded rubber weather strips with the chrome molding channel removed for that 'blacked-out' look.

5850 4 piece kit fits Sedan '53-57
 5851 4 piece kit fits Sedan '58-64
 5852 4 piece kit fits Sedan '65-71
 5854 4 piece kit fits Sedan '73-77

Horn Grills

Exact replacement parts to fit VW Sedans to 1967.



Manufactured from form-pressed aluminum and plated for beauty and long life. Shipped in sets of 2.

INSTALLATION: To install the horn grills, gently bend all 4 tabs inward, install horn grill through the hole, and then reach up underneath the fender and bend them back out to secure in place.

5123 Horn Grills - VW (set of 2)

Gravel Guards

Rare NOS German Polished Aluminum Gravel Guards.

Sold in pairs.

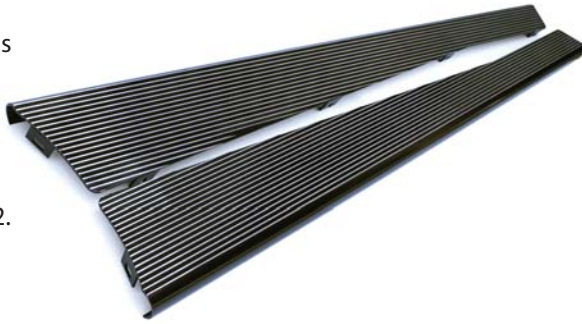


5596 Rear Gravel Guards (one pair)

Running Boards

Bolts right onto all bugs and Super Beetles for that bold Cal-Look.

They fit all VW Sedans and are sold in sets of 2.



- 6037 Black Billet Running Boards (set of 2)
- 6038 Billet Running Boards (set of 2)
- 6039 Heavy Duty Running Boards (set of 2)

Antennas

Fits just like original equipment to restore your radio reception.



- 7175 Single Side Mount (chrome) fits '49-66 Type-1 VW's
- 7177 Cowl Mount (chrome) Type-1 & 2 '68-on
- 7738 Double Side Mount (chrome) up to '67 Type-1 or Type-2

Car Covers

4 Layer Dura-Lite is spun bonded. It's non-woven, providing a barrier against dust and dirt.



The unique dura-lite manufacturing process incorporates an ultraviolet resistant chemical directly into the fabric.

- 7200 Car Cover - VW Sedan or Ghia
- 7201 Type-2 VW Bus Semi-Custom Cover (4 Layer)
- 7203 Car Cover Lock Kit

Bumper Bolt Kit

Each bumper bolt kit comes complete with bolts, nuts and washers.

Bolts are 8 x 15mm Long.



- 6029 Plated Bumper Bolt Kit (set of 4)

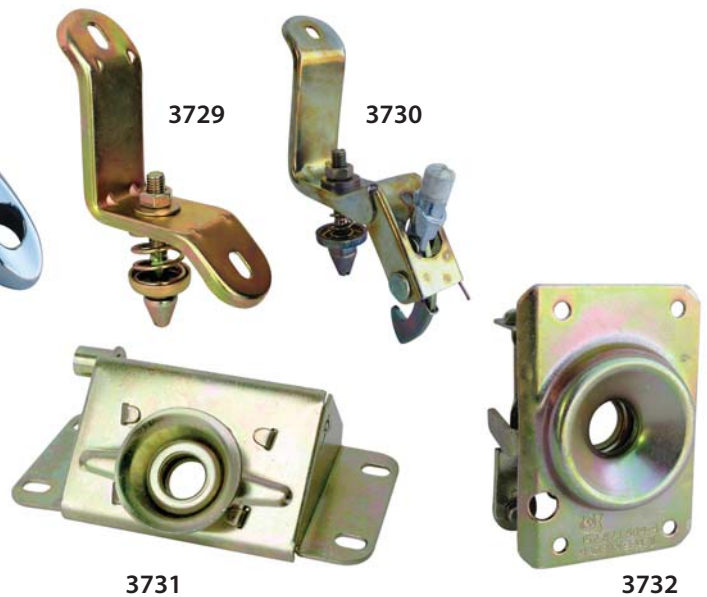
Bumper Grommet Kit



- 6045 Bumper Grommet Kit (fits '54-67) 8 Piece
- 6046 Bumper Grommet Kit (fits '68-73) 4 Piece

Front Trunk Accessories

Here is a selection of Front Trunk Lid Handles, Lid Catches and Front Lock Carrier Assemblies.



3727	Front Trunk Lid Handles (to '67)
3728	Front Trunk Lid Handles ('68 on)
3729	Front Trunk Lid Catch (fits '50-67)
3730	Front Trunk Lid Catch ('68 on)
3731	Front Trunk Lock Carrier Assembly (to '67)
3732	Front Trunk Lock Carrier Assembly ('68 on)

Super Beetle Hood Seal

Hood Seal for Super Beetles.



133-823-731 Super Beetle Hood Seal

Front Hood & Engine Lid Seal

Keep the cold wind and rain out of your trunk - slip in a set of heavy super crush rubber hood and deck seals. They install in just minutes. (113-823-731b)



5872 Front Hood Seals - fits VW Sedans except Super Beetle
5873 Engine Lid Seal - fits VW Sedans (111-827-705)

Engine Air Vent Covers

Sold in Pairs.



5880 Engine Air Vent Covers - fit '71-77 Beetles

License Light Seal



This Seal fits around the base of the License Light hood on the rear decklid of a VW Thing.

361-943-191a License Light Seal - VW Thing

Flat 4 Vintage Eyebrow Deck Lid

Made from Black Gel Coat Fiberglass, and ready for sanding and painting.

Fits Type-1 Sedans to 1966.



4835 Flat 4 Vintage Eye Brow Deck Lid (to '66)

Body Gasket Set

MADE IN THE USA!

You get them all in this kit - hood seal, deck, lid seal, fender beadings and bumper bracket grommets. Molded from durable high quality rubber for easy installation and long life.



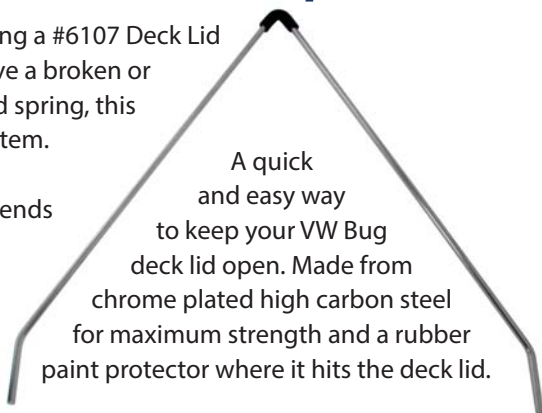
5870 Body Gasket Set - Complete '54-67

5871 Body Gasket Set - Complete '68-on

Chrome Deck Lid Prop

If you are running a #6107 Deck Lid Standoff, or have a broken or missing deck lid spring, this is a must have item.

Simply slip the ends into your stock hinge holes.



A quick and easy way to keep your VW Bug deck lid open. Made from chrome plated high carbon steel for maximum strength and a rubber paint protector where it hits the deck lid.

6001 Chrome Deck Lid Prop

Engine Compartment Latches

Works on Type-1 Sedans.



3724 Locking - Late Style w/Square Mounting Hole '53-66

3725 Locking - Late Style w/3 Screw Mounting '67-71 & Type-2 '67 only

3726 Locking - Late Style w/1 Screw Mount '72-on

Stand Off Kit

Scoops in cool air to lower engine temperature by up to 30°F.

Cast from sturdy aluminum and pre-drilled for easy installation.

Can be used on all VW Sedans. Includes bolts and mounting washers.



6107 Stand Off Kit

Chrome Deck Lid Spring & Hinges

Made like original parts, with a bright chrome plate finish!

This is the finishing touch to your bugs engine compartment. They are easy to install and fit all years of VW Type-1 sedans.



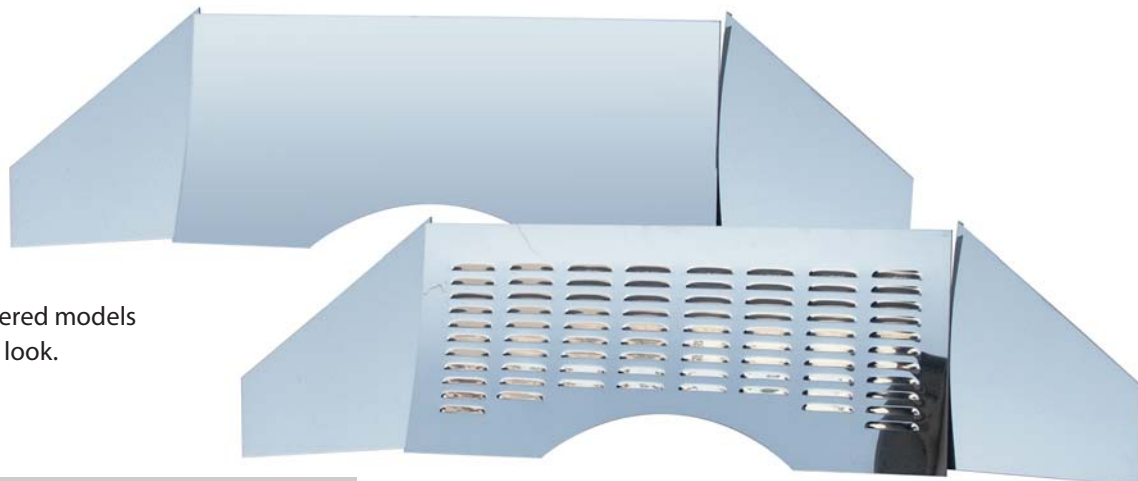
6004 Chrome Deck Lid Spring (1 only)

6005 Chrome Deck Lid Hinges (set of 2)

Stainless Steel Firewalls

Install aluminum or stainless steel firewall cover for safety and show car looks.

You can choose from plain or louvered models that slip right in for a total custom look.



- 5991 Stainless Steel Firewall - Polished (3 pieces)
- 5992 Stainless Steel Firewall - Polished with Louvers (3 pieces)

Sedan Engine Compartment Cover

Insulate your engine compartment for added safety and noise reduction.



It's easy to install and fits all VW Sedans including Super Beetles. Also known as an engine firewall.

- 5994 Sedan Engine Compartment Cover

Floor Panels

Replacement floor pans make it fast and easy to fix your Bug's rusted out floor pans. End the results of spilled battery acid, road salt, and thousands of miles of wear and tear. Three replacement panels are available for fast installation. You can weld them in, bolt them in, or even use pop rivets to secure them to the car. Special tools or shop equipment is not required. Manufactured from durable heavy gauge steel.



- 5140 Floor Panels - Left Front
- 5142 Floor Panels - Left Rear

BLAZECUT Automatic Fire Suppression System

Protect your cherished ride from potentially going up in flames! It uses HFC-236fa, which is an extremely effective, clean and people-safe extinguishing medium.

Installation is simple - use the included zip ties to mount it to the underside of your deck lid for Type-1 Sedans, or directly above your engine in the engine compartment on Type-2's! No drilling or machining required! **NOTE: Shipping only to customers in the Continental U.S. (lower 48 states) via UPS GROUND ONLY.**

- 7205 BLAZECUT Automatic Fire Suppression System (6 foot length, for Type-1's)
- 7206 BLAZECUT Automatic Fire Suppression System (9 foot length, for Type-2's)



CB Speed Shop Dickies Jackets

CB Speed Shop Dickies Jackets feature an embroidered logo on the chest pocket, and silk-screened design on the backside. Available in your choice of Charcoal Grey or Black with a Speed Shop Graphic, or Black with a Ragtop Bug. This Dickies' Insulated Jacket is known for its classic good looks, rugged durability and lightweight warmth.



SPEED SHOP BUG DICKIES JACKET (CHARCOAL GREY)

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8011	8005	8006	8007	8008	8010

SPEED SHOP BUG DICKIES JACKET (BLACK)

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8130	8131	8132	8133	8134	8135

RAGTOP BUG DICKIES JACKET (BLACK) **NEW!**

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	--	8012	8013	8014	8015	--

RedKap Shop Uniforms

Printed on a 65% Poly, 35% Cotton blend, featuring six buttons plus a snap at the neck, and two front pockets.

CHARCOAL GREY

Size	MED	LARGE	XL	XXL	3XL
Part#	8076	8077	8078	8079	8080

BLACK

Size	MED	LARGE	XL	XXL	3XL
Part#	8071	8072	8073	8074	8075



Split Window Bus Hoodie (60 Years)

CB Speed Shop Split Window Bus Hoodies are available in both Pullover and Full Zip-Up Styles, and Small through 3XL sizes.

Printed on a Charcoal Grey GILDAN Heavy Blend Hoodie, this LIMITED EDITION design commemorates our 60 Year Anniversary and features a Split Window VW Bus. A small CB Speed Shop logo is printed on the front left chest area.

PULLOVER STYLE HOODIE (CHARCOAL GREY) **NEW!**

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8150	8151	8152	8153	8154	8155

FULL-ZIP STYLE HOODIE (CHARCOAL GREY) **NEW!**

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8170	8171	8172	8173	8174	8175



CB T-shirts

CB Performance T-shirts are printed on 100% Preshrunk Cotton, HANES Tagless 6 oz. T-shirts.



Double Cab Speed Shop T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	7950	7951	7952	7953	7954



Pin Stripe CB Speed Shop T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	7956	7957	7958	7959	7960



Speed Shop Ragtop Bug T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	8107	8108	8109	8110	8111

CB Speed Shop Ghia T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	7848	7849	7850	7851	7852



Farmersville Look T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	7941	7942	7943	7944	7945

Grey Speed Shop T-shirt

Size	SMALL	MED	LARGE	XL	XXL
Part#	7899	7900	7901	7902	7903

Long Sleeve T-shirts

Screened onto a 100% Preshrunk Cotton, Long Sleeve T-shirt.

LONG SLEEVE - GREY

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8124	7904	7905	7906	7907	8125

LONG SLEEVE - BLACK

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8121	8112	8113	8114	8115	8123



Mens Tank Top (Charcoal Grey)

Men's Tank Top with the CB Speed Shop artwork printed on the back-side, and a small CB Speed Shop Logo on the left pocket area.

Printed on soft 5.4-ounce, 100% cotton Port & Company Tank Tops with removable tag.



NEW!

Size	SMALL	MED	LARGE	XL	XXL	3XL
Part#	8204	8205	8206	8207	8208	8209

Youth CB T-shirt

You've asked for it, and we delivered! Now our best-selling CB Speed Shop shirt is available in Youth sizes! **NEW!**



Features the CB Speed Shop Logo screened onto the back, and CB Speed Shop lettering on the front.

Size	SMALL	MED	LARGE
Part#	8107	8108	8109

Ladies Racerback Karmann Ghia Tank Top

Super Soft Ladies Tank Tops, with the CB Speed Shop Karmann Ghia Logo screened onto the front.

Printed on Black NEXT LEVEL 1533 Racerback Tanks.



Size	SMALL	MED	LARGE	XL
Part#	8220	8221	8222	8223

Ladies V-Necks

Super Soft V-neck Ladies Shirt, with the CB Speed Shop Logo screened onto the back, and CB Speed Shop lettering on the front.

Printed on Charcoal NEXT LEVEL 6640 Ideal V Shirts. Lightweight combed ring-spun cotton and poly blend.



NEW!

Size	SMALL	MED	LARGE	XL
Part#	8031	8032	8033	8034

Ladies Tank Tops

Super Soft Ladies Tank Tops, with the CB Speed Shop Logo screened onto the front, and cbperformance.com across the backside.

Printed on NEXT LEVEL 3533 Spandex Jersey Tank Tops.

Size	SMALL	MED	LARGE	XL
Part#	8210	8211	8212	8213

Size	SMALL	MED	LARGE	XL
Part#	8215	8216	8217	8218



CB Speed Shop Mesh Hats (Snapback)

Features the CB Performance Speed Shop Logo embroidered on the front, and 'Farmersville, CA' stitched across the backside. This Pacific Headwear Snapback Hat can fit a variety of head sizes.

47% Cotton / 28% Nylon / 25% Polyester.



7981	Black Mesh Hat - Speed Shop Logo (Snapback)
7985	Black/White Mesh Hat - Speed Shop Logo (Snapback)
7986	Graphite/White Mesh Hat - Speed Shop Logo (Snapback)

CB Mesh Caps (Flat Bill)

5-panel structured high-profile (4" crown), flat bill, mesh back, snapback closure.

Made from 47% Cotton / 25% Polyester / 28% Nylon.



7968	Charcoal/Black Mesh Cap (Flat Bill)
7988	Royal/White Mesh Cap (Flat Bill) NEW!

CB Mesh Caps (Pre-curved Bill)

6-panel structured mid-profile pre-curved contrast stitched bill, mesh back snapback closure.

Made from 65% Polyester / 35% Cotton.



7967	Black/Silver Mesh Cap (Pre-curved Bill)
7987	Royal/White Mesh Cap (Pre-curved Bill) NEW!

Flexfit Hats

Flexfit construction stretches to fit different head sizes. Made from 63% Polyester / 34% Cotton / 3% P.U. Spandex.



7969	Black Flexfit Hat - Red Speed Shop Logo - S/M
7970	Black Flexfit Hat - Red Speed Shop Logo - L/XL
7971	Black Flexfit Hat - Red Speed Shop Logo - XL/XXL
7973	Dark Grey Flexfit Hat - Speed Shop Logo - S/M
7974	Dark Grey Flexfit Hat - Speed Shop Logo - L/XL
7980	Dark Grey Flexfit Hat - Speed Shop Logo - XL/XXL

Relaxed Adjustable Hats

OTTO brand Relaxed Adjustable Hat.

One Size fits most.



7978	Black Relaxed Adjustable Hat - Red Speed Shop Logo
7979	Grey Relaxed Adjustable Hat - Speed Shop Logo

CB Performance Beanies

Features the CB Performance logo in Grey, embroidered on a Black 100% Turbo Acrylic Beanie.

Available in Skullcap or Flip-Up Styles. **One Size Fits Most.**



- 7754 CB Performance Skullcap Beanie
- 7757 CB Performance Flip Up Beanie

CB Speed Shop Visor

Black 100% Cotton Port & Company Visor, with the CB Performance Speed Shop Logo embroidered on the front, and adjustable velcro strap.

One Size fits most.



- 7989 CB Speed Shop Visor (Black) **NEW!**

Claude's Buggies Vintage Mesh Hat (Snapback)

Featuring a Vintage Claude's Buggies logo from the 1970's on the front.

This 5 Panel OTTO Brand Foam Mesh Hat (Style 32-467) is 'one size fits most'.

Made from 100% Polyester & 100% Nylon.



- 7972 Claude's Buggies Vintage Mesh Hat (Snapback) **NEW!**

CB Speed Shop Apron (Black)

This extra-long CB Speed Shop Apron features an Embroidered logo on the front chest area, and offers protection from stains while cooking, grilling, or assembling a VW Engine. An adjustable neck strap ensures a proper fit.

- 8 oz, 65% Polyester / 35% Cotton Twill
- Three Large Front Pockets
- 25" Width x 34.5" Length

- 7930 CB Speed Shop Apron (Black) **NEW!**



CB Performance Stickers

We have a large selection of stickers to help customize the look of your ride!



- 7991 High Performance 044™ Cylinder Heads Stickers (2 pack)
- 7999 Large CB Performance Logo Sticker (16" x 3")
- 8000 3" Mini CB Performance Racing Products Stickers (2 pack)
- 8001 5 1/2" CB Performance Racing Products Stickers (2 pack)
- 8002 8 1/2" CB Performance Racing Products Sticker (each)
- 8004 CB Performance Speed Shop Bug Sticker Sheet (each)
- 7992 CB Performance Speed Shop Ghia Sticker Sheet (each)
- 7993 CB Performance Speed Shop Ragtop Bug Sticker Sheet (each)
- 7982 Eagle Racing Cams Stickers (2 pack)

CB Sticker Pack

Includes 11 stickers in each pack.



- 7983 CB Performance Sticker Pack (11 stickers)

Hardley Dangerous Bulletholes

Complete & Ready to Install.



- HDBS Stickers - Hardley Dangerous Bulletholes

CB Ice Cream Scoop



- Made from 356 Aluminum Alloy
- Ball Burnished
- Dishwasher Safe
- Quickens the E.T. getting Scoops into your bowl!
- The Last Ice Cream Scoop You'll Ever Buy!

2485 Ball Burnished CB Performance Ice Cream Scoop

CB Totebag

16" Tall x 20" Wide x 6" Deep Totebag. Constructed of 80gsm 100% non-woven soft textured polypropylene with the look and feel of cloth.

CB Performance Speed Shop Artwork by Mike Lawless is screened onto one face of the bag.



7949 CB Performance Large Totebag

4' x 4' Vinyl Banner

Fits Type 1 through 4 transmissions with 4 and 5 speeds, is easy to install, and provides smooth positive starts and shifts in all terrains.



7984 CB Speed Shop Vinyl Banner (4' x 4')

CB Coffee Mug

CB Performance Speed Shop Black Ceramic 16 oz. Coffee Mug with Large Four-finger handle.



Finally, a mug that can accommodate a man's hands!

7990 CB Speed Shop Coffee Mug (2 sided) 16oz

CB Lapel Pins

CB Performance Lapel Pins can be worn on Hats, Jackets, Shirts, Backpacks, or any other item that you can attach them to. They attach easily with a metal butterfly clutch.

Sold in a set of 4, and also sold individually.

- 7994 CB Performance 044 Cylinder Head Lapel Pin
- 7995 CB Performance Lapel Pins (set of 4)
- 7996 Lapel Pin - CB Speed Shop (Tan Letters)
- 7997 Lapel Pin - CB Performance Racing Products
- 7998 Lapel Pin - CB Performance Logo
- 8009 Lapel Pin - CB Speed Shop (Red Letters)





2" Tow Bars

VW Sedan Tow Bar (2")

Designed for Standard VW Sedans and Hooks to the Front Axle Beam. No Tools are required for installation. For use with 2" Balls Only.

NOTE: Does not fit Super Beetle

Universal Tow Bar (2")

A tow bar for a multitude of uses! It's basic design allows adaptation to many vehicles. For towing Superbugs there is separate mount plate (#6510), which after installed, remains part of the car for easy clip on installation of the Universal Tow Bar. Tow bars are made of strong 120 wall tubing.

Universal Mounting Plate for Universal Tow Bar

The Universal Mounting Plate is designed to fit almost any car, very popular with the fiberglass buggy crowd. You can leave it installed for a quick and easy hook-up to the CB #6507 Universal Tow Bar.



6505	VW Sedan Tow Bar (2")
6507	Universal Tow Bar (2")
6510	Universal Mounting Plate for Universal Tow Bar

OVERSIZE ITEM - CAN BE SHIPPED UPS.
(Call for Shipping Quote before ordering oversized item.)

Collapsible Lug Wrench

It folds to a small 14 1/2" by 3" for convenient storage in your tool box, trunk, or under the seat.

Includes these popular sizes: 17mm, 3/4"-19mm, 7/8" and 13/16" Lug Nuts).



4234	Collapsible Lug Wrench
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LAT High Performance Assembly Lube

Provides extreme protection on all moving components including cams lobes, lifters, push-rods, valve train, rod and main bearings before lubrication can be supplied by the oil pump.

It offers high-adhesion characteristics, providing an excellent barrier against rust and corrosion. Sold in a 8 oz bottle.



7092	LAT High Performance Assembly Lube (8 fl oz) NEW!
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Carburetor Flow Meters

Allows you to quickly dial in multiple carbs or throttle bodies.



- 6537 STE Carburetor Flow Meter (SK) 40 to 55mm Intake Dia.
- 6534 STE Carburetor Flow Meter (BK) 48 to 53mm Intake Dia.
- 6538 Adapter to fit BK - fits boresizes 1 5/8 - 2"

Crankshaft Gear Puller

Solves the problem of removing the crankshaft timing gear. For use on all Type I, II, III & IV engines 40 hp and later.



- 6535 Crankshaft Gear Puller



Valve Spring Removal Tool

Allows removal and installation of valve springs while the engine is both fully assembled and still in the car. The use of a ratchet as a lever handle allows it to be rotated at any angle for maximum clearance.



- 6504 Valve Spring Removal Tool

Bench Top Engine Stand

Don't be fooled by cheap imitations! Constructed from heavy gauge steel for improved strength and rigidity to outlast any other style of bench top engine stand.



- 6554 Bench Top Engine Stand

Distributor Drive Gear Puller

Use this tool to remove your Distributor Drive Pinion.



- 6501 Distributor Drive Gear Puller

Crankshaft Oil Seal Tool

Used to properly install the Rear Main Seal on your Engine Case.



- 6529 Crankshaft Oil Seal Tool

Deck Height Measuring Tool

This Deck Height Measuring Tool allows you to accurately determine top dead center when assembling an aircooled longblock.



- 6546 Deck Height Measuring Tool

Universal Flywheel Lock

Use this Universal Flywheel Lock when installing a Gland Nut on the Flywheel.



- 1310 Universal Flywheel Lock

VW Valve Adjusting Tool

Quickly and easily adjust your valves with one tool. Can be used on all VW rocker arms using 13mm Jam Nuts for increased accuracy and the convenience of using one tool.



6572 VW Valve Adjusting Tool

Case Savers

Used to drill and tap your engine case in order to insert case savers.

14mm width and 2.0 Thread Pitch.



- 6519 Case Saver, 14mm O.D. x 10mm I.D. (2.0mm TP)
- 6536 Case Saver, 12mm O.D. x 8mm I.D. (1.5mm TP)
- 6518 Case Saver Tap, M14 x 2.0

Adjustable Push Rod Tool

Used for setting up Push Rod length. Ends guess work and wasted Push Rods cut the wrong length.



Effective measuring range is 10.500" to 11.500".

1664 Adjustable Push Rod Tool

Crankshaft Pulley Pulling Aid

The perfect tool to help you remove a crankshaft pulley.



6561 Crankshaft Pulley Pulling Aid

Flywheel & Crankshaft Drill Jig

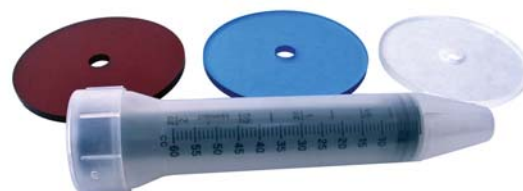
Gives you the correct positions when drilling for 8 dowel pins.



6548 Flywheel & Crankshaft Drill Jig

Cylinder Head CC Measuring Kit

Includes 60 mL Syringe and 3 discs (85.5, 90.5/92 & 94mm bore)



6525 Cylinder Head CC Measuring Kit

End Play Measuring Tool

NEEDS DESCRIPTION.



6547 End Play Measuring Tool

Oil Filler & Breather Nut Tool

Use this tool to easily remove the Gland Nut in the Oil Filler. Attaches to a 1/2" ratchet.



6509 Oil Filler & Breather Nut Tool

Oil Piston Puller

NEEDS DESCRIPTION.t



6549 Oil Piston Puller

Transmission Drain/Fill Plug Tool

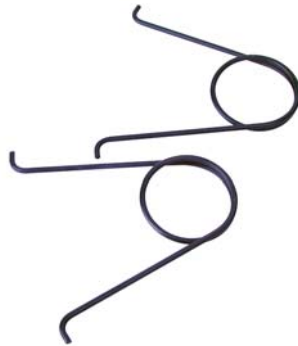
17mm Transmission Drain/Fill Plug Tool.



6517 Transmission Drain/Fill Plug Tool

Lifter Retainer Springs

Holds four lifters in case bore during engine assembly.



6506 Lifter Retaining Springs (pair)

Wrist Pin Tool

Also known as a Piston Pin Tool.



6551 Wrist Pin Tool

Oil Pump Puller

The Oil Pump Puller is used to remove Oil Pumps from your engine case.



6528 Oil Pump Puller

Clutch Pilot Tool

This Clutch Pilot / Alignment Tool is used to align the Pressure Plate and Clutch during installation.



6516 Clutch Pilot Tool

Clutch Cable Wing Nut Adjustment Tool

Makes adjusting Clutch Cables 100% Easier! The larger OD of the tool gives increased torque and a much better grip.



6569 Clutch Cable Wing Nut Adjustment Tool

Hub Cap Removal Tool

Use this handy tool to easily remove your VW hubcaps, and also to plug the unsightly jacking point holes on your vehicle.

Sold in Pairs.



4429 Hub Cap Removal Tool (set of 2)

12 Point Velocity Joint Tool

You'll need this tool to remove and install VW and Porsche Rear Velocity Joints. Shipped with a adapter to snap right on to your 18" drive ratchet.



6511 12 Point Velocity Joint Tool

Valve Guide Tool

This Valve Guide Tool makes installation a snap!

Designed for installing 8mm valve guides.



6513 Valve Guide Tool

Solder-Less Terminal Kit

175 pieces of selected top quality wire terminals. The kit includes Butt Connectors, Lug Ring Connectors, Insulated Lugs, Rings, Spades, Flanged Spades, Quick Connectors, and much, much more. All you need is wire and a crimping tool - this kit has the rest.



2410 Solder-Less Terminal Kit

Econo Crankshaft Oil Seal Kit

Install your flywheel seal with ease and precision. Eliminates hammering, guess work, and damaged seals. Uses your gland nut to press in the new seal.



6589 Econo Crankshaft Oil Seal Tool

Weather Pak

Wraps and crimps the connector around the wire. This is a 100% essential tool if you plan on modifying your present harness, or designing your own fuel injection system.



7153 Weather Pak Crimping Tool

7155 Weather Pak Extraction Tool Kit (3 piece)

Super Duty Sockets

Extra Large Diameter Super Duty Sockets make removing or tightening those large Nuts a breeze! Used to remove or tighten Gland Nuts, Sedan Axle Nuts or Bus Axle Nuts.



6584 SD 36mm Socket - fits stock gland nut & Sedan axle nut

6585 SD 40mm Socket - fits SCAT Racing Gland Nut

6586 SD 41mm Socket

6587 SD 46mm Socket - fits Bus axle nut

Rear Axle Nut Tool

The 36mm is for use on Bugs, and the 46mm is for use on Busses.



6502 Rear Axle Nut Tool - 36mm

6503 Rear Axle Nut Tool - 46mm

Tapered Ring Compressors

Hard-Anodized and Teflon-coated for low friction and prolonged wear resistance.

Manufactured by Wiseco.



Size	85.5mm	87mm	88mm	90.5mm	92mm	94mm
Part#	6573	6574	6575	6576	6577	6578

Brad Penn Racing Oil

The term "100% Pure Pennsylvania Grade Crude Oil" has long carried with it an industry connotation for being one of the best sources of high quality lubricant base stocks in the world. The BRAD PENN® refinery still refines 100% Pennsylvania grade crude oil. PA grade crude oil is a very thermally stable paraffinic crude oil which contains no asphaltic constituents. This makes it an ideal choice from which to refine premium quality base oils. Because they use only one crude stock, their refined products are of consistently high quality and performance.

Formulated using a unique base oil cut from our tower, which gives our Penn Grade 1® High Performance Oils exceptional film strength. This unique base oil causes our Penn Grade 1® High Performance Oil to cling tenaciously to engine parts to minimize wear during high engine torque loading and/or periods of heavily stressed operation such as those experienced during competition. This same oil "cling" helps prevent "dry-start" conditions to minimize wear even after the engine has been sitting idle for extended periods.



FEATURES:

- 1500 PPM ZDDP
- 1340 PPM Phosphorous
- Contains high levels of detergent / dispersants
- Helps to protect critical parts from deposits in highly stressed engines
- Utilizes unique base oil cut that clings to engine parts and minimizes dry start wear
- Reduces internal friction
- Increases Horsepower
- Excellent wear protection



Oil Weight	One Quart	Case of 12
30wt Brad Penn Racing Oil	3017	3039
40wt Brad Penn Racing Oil	3021	3029
50wt Brad Penn Racing Oil	3022	3030
70wt Brad Penn Racing Oil	3023	3031
30wt Brad Penn Break-In Oil	3020	3028

Oil Weight	One Quart	Case of 12
10w40 Brad Penn Racing Oil	3018	3040
15w40 Brad Penn Racing Oil	3019	3041
10w30 Brad Penn Racing Oil	3025	3033
20w50 Brad Penn Racing Oil	3026	3034
75w90 Syn Bio Brad Penn Racing Oil	3027	3035

LAT High Performance Synthetic Racing Oil

The Next Generation in Performance Lubricants!

Blended from the highest quality Group IV and Group V synthetic base oils. LAT's exclusive new LFR additive provides high RPM protection by reducing friction, scuffing, and galling while creating lower engine temperatures. Offering excellent wear protection under extreme conditions with a high flash point and resistance to thermal breakdown. Engines with tight tolerances will benefit from our oil with less oil drag and improved horsepower and torque.

Oil Weight	One Quart	Case of 12
0w20 LAT Synthetic Racing Oil	3053	3054
20w50 LAT Synthetic Racing Oil	3057	3058

Features:

- High RPM protection
- Extreme wear protection
- Reduces internal friction
- Maximizes horsepower & torque by as much as 6%



Gasgacinch

The professional engine sealer with multiple uses, like sealing a case half together. It's great because Gasgacinch stays flexible, and never becomes brittle. It grows with the engine case as it heats up. Use it to revive old gaskets, or hold gaskets in place during assembly. It withstands shock pressure, heat and hot oils.



3901 Gasgacinch

3M Adhesive

Thousands of uses! Carpets and door seals can be quickly installed when using 3M Adhesive.

It resists oil, solvents, and grease so you can even use it on engines!



3902 3M Weatherstrip Adhesive (Black)

3903 3M Super Weatherstrip and Gasket Adhesive (Yellow)

LOCTITE Thread-Locker

Available for many purposes.



7081 LOCTITE 640 - Sleeve Retainer (High Strength)

7082 LOCTITE 242 - Threadlocker Blue (Medium Strength)

7083 LOCTITE 271 - Threadlocker Red (High Strength)

RTV Silicone

RTV Silicone is available for many purposes.



MADE IN THE USA!

7080 RTV Silicone - Black (for indoor or outdoor door seals)

7084 Ultra Grey Gasket Maker (makes any size or shape gasket)

7087 RTV Silicone - Orange (high temperature sealing)

J-B Weld

The world's best cold weld compound.

Drill it, machine it and even turn it on a lathe.

*Don't scrap it,
J-B Weld it!*



7086 J-B Weld

Aluminum RTV Silicone

The perfect choice for sealing up your cylinders to your engine case. The pressurized can makes this silicone come out just like cheese whiz for clean, accurate, and quick application.



7088 RTV Silicone - Aluminum (8 oz)

Anti-Seize Lubricant

Great to use on spark plugs, lug nuts, and most of the hardware that holds your VW together.



7089 Anti-Seize Lubricant (8.5 oz)

LAT Threadlocker

Superior to traditional lock and bevel washers. Provides security against thread "back off" due to shock and vibration. Prevents seepage and "rust lock".

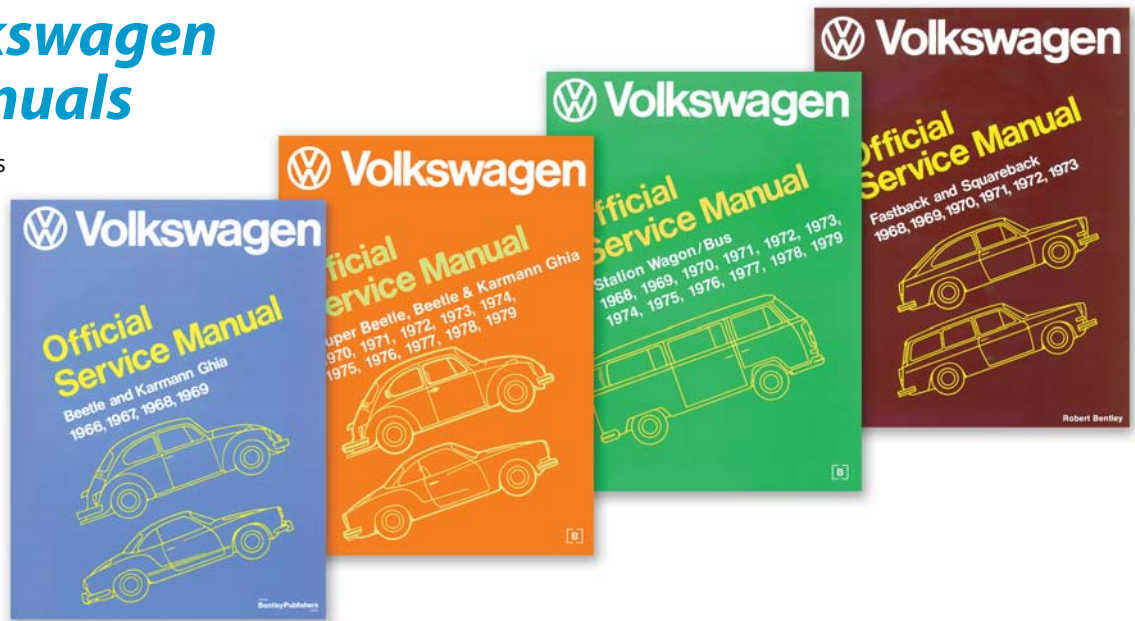


7090 LAT Threadlocker - Oil Tolerant Removable (50 mL)

7091 LAT Threadlocker - High Strength (50 mL)

Official Volkswagen Service Manuals

These Official Service Manuals have all the information you need to keep your Volkswagen on the road!



- 2861 Volkswagen Beetle and Karman Ghia Service Manual 66-69
- 2862 Volkswagen Beetle and Karman Ghia Service Manual 70-79
- 2863 Volkswagen Station Wagon/Bus Official Service Manual 68-79
- 2864 Volkswagen Fastback and Squareback Official Service Manual 68-73

VW Workshop Manuals

NEEDS DESCRIPTION.

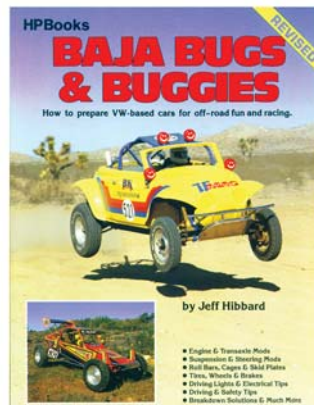


- 2866 Volkswagen Type 3 Workshop Manual '61-67
- 2882 Volkswagen Beetle and Karman Ghia Service Manual 52-57
- 2883 Volkswagen Types 11, 14, and 15 Service Manual 58-60
- 2884 Volkswagen Passenger Cars, Workshop Manual 61-65
- 2885 Volkswagen Transporter, Workshop Manual 63-67

Baja Bugs and Buggies

by J. Hibbard

Learn how to prepare VW-based cars for off-road fun and racing. Covers: Engine & transaxle mods; Suspension & steering mods; Roll bars, cages & skid plates; Tires, wheels & brakes; Driving lights & electrical tips; Driving & safety tips; Break-down solutions. Paperback 160 pages (approx. 400 Illustrations) 8 1/2" x 11"

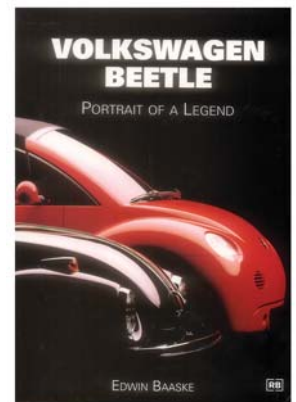


2858 Baja Bugs and Buggies

VW Beetle: Portrait of a Legend

by Edwin Baaske

142 pages of history and technical facts. An impressive array of black & white and brilliant color photos present the "TIME MACHINE" on it's journey.

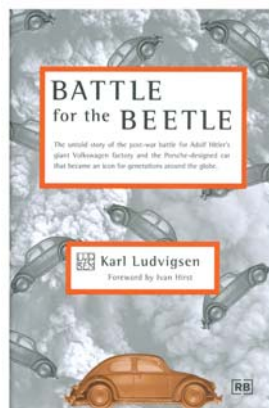


2894 VW Beetle - Portrait of a Legend

Battle for the Beetle

by Karl Ludvigsen

Forward by Ivan Hirst. The untold story of the post-war battle for Adolph Hitler's giant Volkswagen factory and the Porsche-designed car that became an icon for generations around the globe.

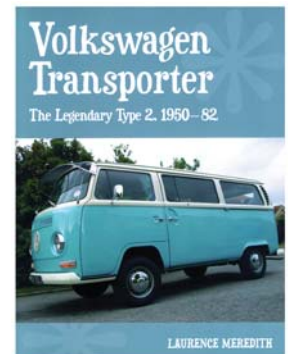


2896 Battle for the Beetle

VW Transporter: The Legendary Type-2

by Laurence Meredith

The Volkswagen Transporter has had a long and worthy career. Developed alongside the Beetle to be a cheap and economical light commercial vehicle, it found favor as a camper van with several generations who appreciated its simplicity and roomy interior, and the fact that it was just a bit different. Paperback - 184 Pages 7.44" x 9.69"

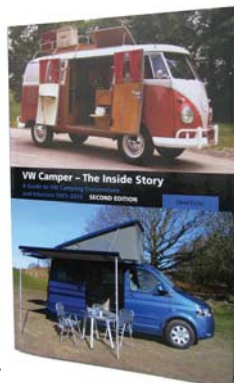


2860 Volkswagen Transporter: The Legendary Type 2, 1950-82

VW Camper: The Inside Story

by David Eccles

A Guide to VW Camping Conversions and Interiors '51-2012 Second Edition. Featuring over 500 color photographs, coupled with period and archive pictures and brochure materials, illustrate the detailed text, showing and describing the various specifications, layouts, fitments and optional equipment on over forty different conversion companies' models. Hardback 192 pages (8.25" x 11.65") 500 color photos.

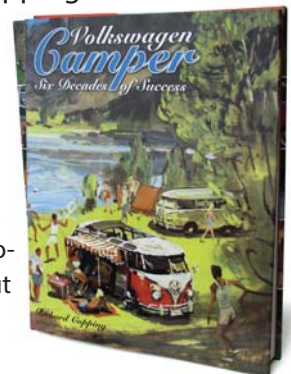


2871 VW Camper - The Inside Story

VW Camper: Six Decades of Success

by Richard Copping

The most complete and extensive telling of the VW Camper story from its very beginnings over 60 years ago to the latest factory models and conversions being produced today. This lavish book makes extensive use of contemporary brochures and modern day photography. This is a very special book about a very popular subject. Hardback - 400 pages (9.06" x 11.03") 300 color & 100 black & white illustrations



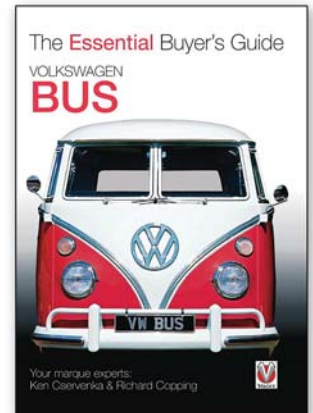
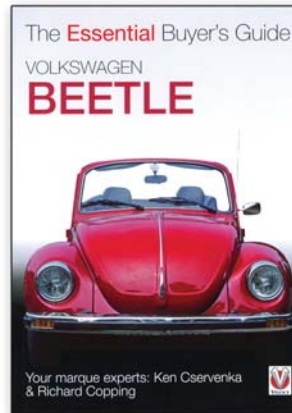
2874 Volkswagen Camper - Six Decades of Success

VW Beetle/Bus: The Essential Buyer's Guide by Richard Copping

Buying a car is an expensive business and mistakes can prove costly financially and in time, effort and stress. Wouldn't it be great if you could take an expert with you? With the aid of this books step-by-step guidance from a marque specialist, you can!

You'll discover all you need to know about the car you want to buy. The unique points system will help you to place the cars value in relation to condition while extensive photographs illustrate the problems to look out for. This is an important investment - don't buy a car without this books help! Paperback - 64 Pages (5.5" x 7.75") 100 color

- 2853 Volkswagen Beetle: The Essential Buyer's Guide
- 2854 Volkswagen Bus: The Essential Buyer's Guide



Volkswagen T3 by Richard Copping

Transporter, Caravelle, Camper and Vanagon '79-92. It has taken some time for Volkswagen's third-generation Transporter to gain the iconic status freely awarded to the first-generation 'Splittie' and its successor, the 'Bay'. Now, however, the T3 is well and truly established as part of the classic VW scene.

Topics covered include background story, 1949-1979; design concept to production, '73-1979; full analysis of the T3's specifications; air-cooled, diesel and water-cooled engines; four-wheel-drive and luxury passenger-carrying models; and camping conversions.

Hardback - 128 pages (8.3" x 11.7") 215 color & b/w photos

- 2873 Volkswagen T3

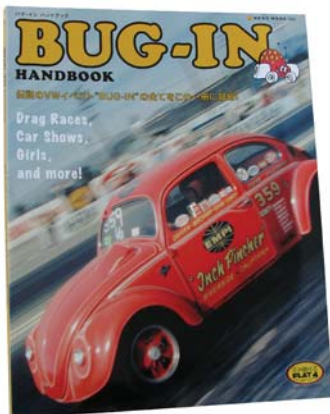


Bug-In Handbook

The Bug-In Handbook features Drag Races, Car Shows, Girls and more!!

146 Full Color Pages!

Supported by Flat 4!

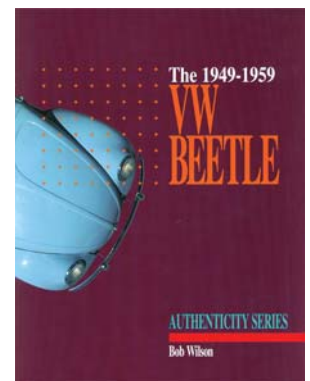


- 9011 Bug-In Handbook

VW Beetle: 1949-59 by Bob Wilson

Whether you're a restorer looking to see which door handle you need or an enthusiast admiring the early split windows, this is the book for you!

All the cosmetic changes on Beetle sedans and convertibles from '49-59 are covered. Everything required for true authenticity is in here, from inner body and chassis details to luggage compartment. Paperback - 128 pages (424 b&w illustrations) - 8.5" x 11"

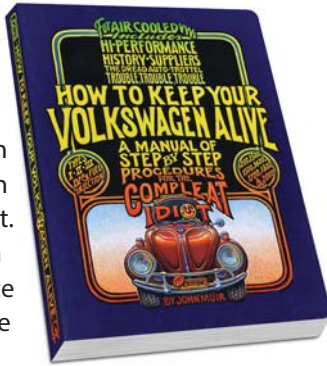


- 2868 VW Beetle 1949-59

How to Keep Your Volkswagen Alive

A Best Seller!

This manual of step-by-step procedures for the complete idiot. 16th edition and going strong. If you can read and look at pictures, you can fix it. If you're not sure where to begin with VW manuals, this is your best bet. Punctuated with humor, hand-drawn illustrations, and down to earth advice on getting your Aircooled VW into the best running condition possible.

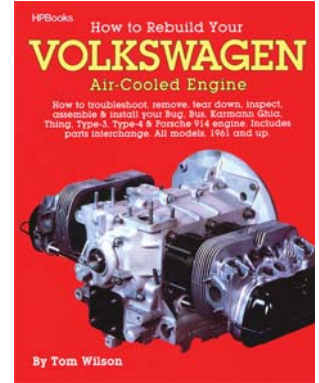


2870 How to Keep Your Volkswagen Alive

Rebuild Your Volkswagen Air Cooled Engine

by Tom Wilson

A useful guide to tuning, troubleshooting and rebuilding engines in Bug, Bus, Thing, Karmann Ghia, Type-3, Type-4 and Porsche 914. Details every step so you can do it easily on your own. Includes a very handy parts-interchange chart. Published 1987. Paperback, 160 pages - 8" x 10"



2878 Rebuild Your VW Air Cooled Engine

VW 1600 Transporter

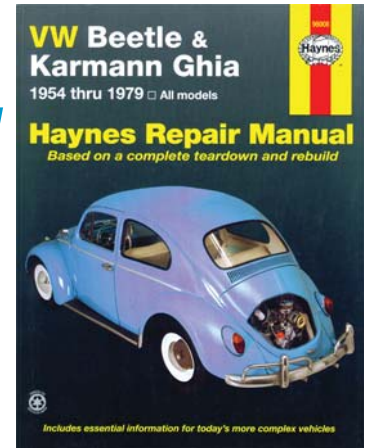
Covers all 1968 thru 1979 VW Transporters. Written and fully illustrated by Haynes with complete how to mechanical procedures and electrical schematics.



2848 VW 1600 Transporter

VW Beetle and Karmann Ghia Repair Manual

The Haynes automotive repair manual for all '54 through '79 bugs and Ghia's. Step by step procedures plus wiring diagrams.



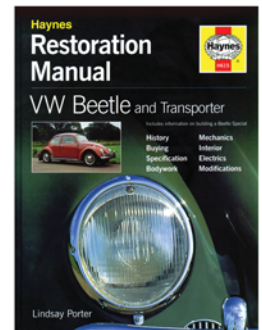
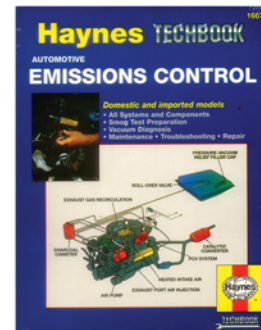
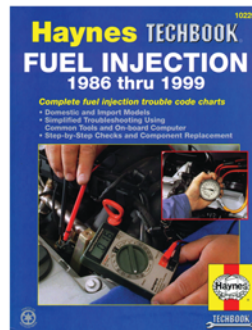
2849 VW Beetle and Karmann Ghia

Automotive Manuals by Haynes

Haynes Emissions Control covers understanding your emissions control warranty, basic vacuum troubleshooting, preparing your vehicle for an emissions test, and resetting dashboard reminder lights. Includes vacuum diagrams and an overview of each system and its components.

Haynes Late Fuel Injection Manual covers late model Bosch, GM, Ford, and Chrysler fuel injection is discussed and fully illustrated. Trouble codes, step by step checks and component replacement are included.

The **Haynes Restoration Manual** is your complete and definitive guide to ground-up Beetle restoration. Contents include: how to renovate chassis and bodywork: including the renewal of major panels and repainting, how to renovate interiors, how to give new life to mechanical and electrical components: including engine overhaul, and how to use your Beetle as the basis for a special or kit car. Hardback - 327 pages - 8.25" x 11"



2851 Haynes - Emissions Control

2855 Haynes - Late Fuel Injection Manual

2897 Haynes Restoration Manual - VW Beetle and Transporter

English/Metric Conversion Chart

Millimeters to Inches - Conversion Factor - Multiply known millimeter figure by .03937

MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES
1	.039	21	.827	41	1.614	61	2.402	81	3.189
2	.079	22	.866	42	1.654	62	2.441	82	3.228
3	.118	23	.906	43	1.693	63	2.480	83	3.268
4	.157	24	.945	44	1.732	64	2.520	84	3.307
5	.197	25	.984	45	1.772	65	2.559	85	3.346
6	.236	26	1.024	46	1.811	66	2.598	86	3.386
7	.276	27	1.063	47	1.850	67	2.638	87	3.425
8	.315	28	1.102	48	1.890	68	2.677	88	3.465
9	.354	29	1.142	49	1.929	69	2.717	89	3.504
10	.394	30	1.181	50	1.969	70	2.756	90	3.543
11	.433	31	1.220	51	2.008	71	2.795	91	3.583
12	.472	32	1.260	52	2.047	72	2.835	92	3.622
13	.512	33	1.229	53	2.087	73	2.874	93	3.661
14	.551	34	1.339	54	2.126	74	2.913	94	3.701
15	.591	35	1.378	55	2.165	75	2.953	95	3.740
16	.630	36	1.417	56	2.205	76	2.992	96	3.780
17	.669	37	1.457	57	2.244	77	3.031	97	3.819
18	.709	38	1.496	58	2.283	78	3.071	98	3.858
19	.748	39	1.535	59	2.323	79	3.110	99	3.898
20	.787	40	1.575	60	2.362	80	3.150	100	3.937

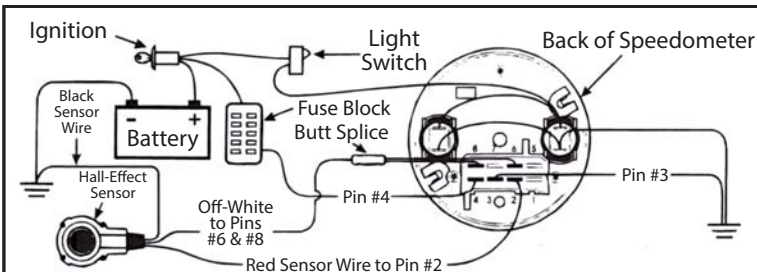
Inches to Millimeters - Conversion Factor - Multiply known inch figure by 25.40

INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM	INCHES	MM
.001	.025	.040	1.016	.340	8.636	.640	16.265	.940	23.876
.002	.051	.050	1.270	.350	8.890	.650	16.510	.950	24.130
.003	.076	.060	1.524	.360	9.144	.660	16.764	.960	24.384
.004	.102	.070	1.778	.370	9.398	.670	17.018	.970	24.638
.005	.127	.080	2.032	.380	9.652	.680	17.272	.980	24.892
.006	.152	.090	2.286	.390	9.906	.690	17.526	.990	25.146
.007	.178	.100	2.540	.400	10.160	.700	17.780	1.000	25.400
.008	.203	.110	2.794	.410	10.414	.710	18.034	2.000	50.800
.009	.229	.120	3.048	.420	10.668	.720	18.288	3.000	76.200
.010	.254	.130	3.302	.430	10.922	.730	18.542	4.000	101.600
.011	.279	.140	3.556	.440	11.176	.740	18.796	5.000	127.000
.012	.305	.150	3.810	.450	11.430	.750	19.050		
.013	.330	.160	4.064	.460	11.684	.760	19.034		
.014	.356	.170	4.318	.470	11.938	.770	19.558		
.015	.381	.180	4.572	.480	12.192	.780	19.812		
.016	.406	.190	4.826	.490	12.446	.790	20.066		
.017	.432	.200	5.080	.500	12.700	.800	20.320		
.018	.457	.210	5.334	.510	12.954	.810	20.574		
.019	.483	.220	5.588	.520	13.208	.820	20.828		
.020	.508	.230	5.842	.530	13.462	.830	21.082		
.021	.533	.240	6.096	.540	13.716	.840	21.336		
.022	.559	.250	6.350	.550	13.970	.850	21.590		
.023	.584	.260	6.604	.560	14.224	.860	21.844		
.024	.610	.270	6.858	.570	14.478	.870	22.098		
.025	.635	.280	7.112	.580	14.748	.880	22.352		
.026	.652	.290	7.366	.590	14.986	.899	22.606		
.027	.686	.300	7.620	.600	15.240	.900	22.860		
.028	.711	.310	7.874	.610	15.494	.910	23.114		
.029	.737	.320	8.128	.620	15.748	.920	23.368		
.030	.762	.330	8.382	.630	16.002	.930	23.622		

VDO - Instrument Installation Guide

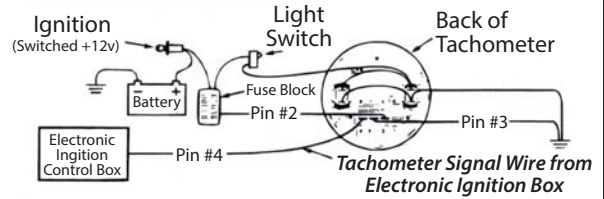
These schematics are generalized instructions re-printed from VDO.

Some gauges may require additional adapters, senders, or even hardware that is not normally sold with the gauge, to properly complete installation.

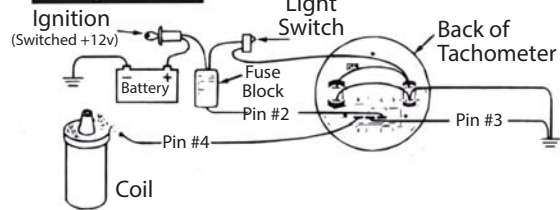


Proper wiring of Speedometer using: Hall-Effect Sensors

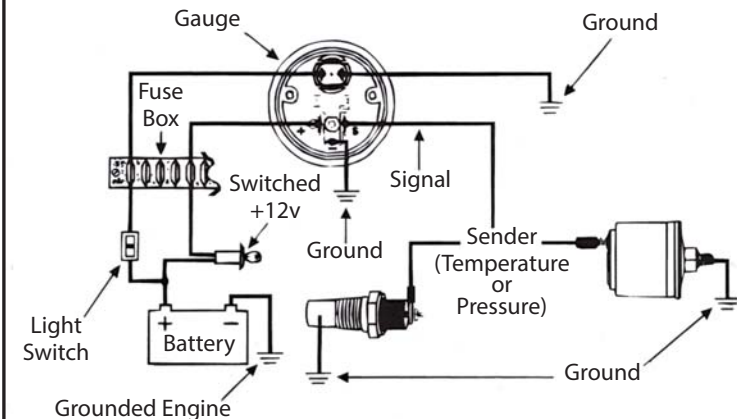
Wiring with Electronic Ignition



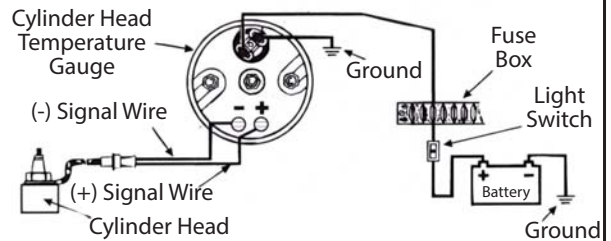
Wiring with Coil



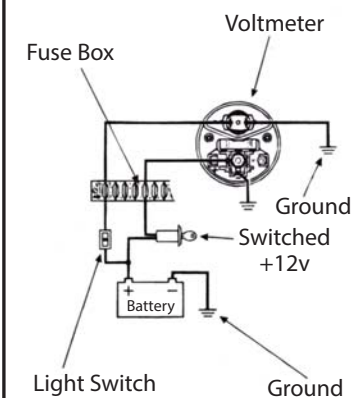
Proper wiring of Speedometer using: Hall-Effect Sensors



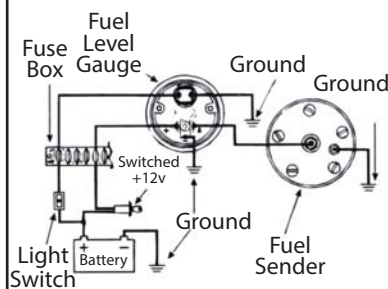
Proper wiring of the Oil Temperature or Pressure Gauge



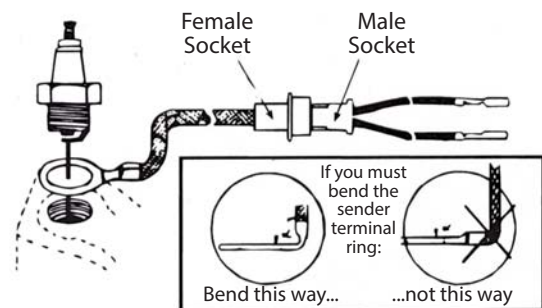
Proper wiring of the Cylinder Head Temperature Gauge



Proper wiring of Voltmeter



Proper wiring of Fuel Gauge



Proper installation of the Cylinder Head Temperature Sender

Gear Ratio Formulas

$$\text{MPH} = \frac{\text{RPM} \times \text{Tire Diameter (in Inches)}}{\text{Drive Ratio} \times 336}$$

MPH in 4th Gear figured with 6000 RPM and a 4.86 Ring & Pinion w/1.13 4th Gear Ratio.

$$\text{MPH Example: } \frac{600 \times 25 \text{ inches}}{5.49 \times 336} = \frac{150,000}{1844.64} = 81.32 \text{ MPH}$$

$$\text{RPM} = \frac{\text{MPH} \times \text{Drive Ratio} \times 336}{\text{Tire Diameter (in Inches)}}$$

RPM in 3rd Gear figured w/25" tall tires and 1.48 3rd Gear w/4.37 Ring & Pinion.

$$\text{RPM Example: } \frac{50 \text{ MPH} \times 6.47 \text{ Drive Ratio} \times 336}{25} = \frac{108,696}{25} = 4348 \text{ RPM}$$

Final Drive Ratio Chart

4th Gear Ratio	Ring & Pinion Ratio		
	4.12 to 1	4.37 to 1	4.86 to 1
(stock) .89 4th	3.67 to 1	3.89 to 1	4.33 to 1
1.04 4th	4.28 to 1	4.54 to 1	5.05 to 1
1.13 4th	4.65 to 1	4.94 to 1	5.49 to 1
1.22 4th	5.02 to 1	5.33 to 1	5.93 to 1
1.32 4th	5.44 to 1	5.77 to 1	6.41 to 1
1.43 4th	5.89 to 1	6.25 to 1	6.95 to 1

$$\text{Drive Ratio} = \text{Ring \& Pinion Ratio} \times \text{Gear Ratio (any)}$$

How to Calculate Engine CC's

Formula: Bore (mm) x Bore (mm) x Stroke (mm) x 3.1416" = Engine CC's

Example: 90.5 x 90.5 x 69 x 3.1416 = 1775cc

To get Volume of 1 Cylinder in CC, divide by 4

Example: 1775 / 4 = 443.75

How to get Deck Height in CC

The Inch System

Formula: Bore (in.) x Bore (in.) x Deck Height (in.) x 12.87" = Deck Height in CC

Example: (90.5 = 3.563") 3.563" x 3.563" x .060" x 12.87 = 9.80cc

1mm = .03937

The MM System

Formula: Bore (mm) x Bore (mm) x Deck Height (in.) x .01996 = Deck Height in CC

Example: 90.5 x 90.5 x .060" x .01996 = 9.80cc

How to Calculate Compression Ratio

$$\text{Formula: } \frac{\text{Head CC} + \text{Deck CC} + 1 \text{ Cylinder Volume}}{\text{Head CC} + \text{Deck CC}}$$

$$\begin{array}{r} \text{Example: } 69\text{mm} \times 90.5\text{mm engine size} = \\ \text{Answer: } 8.42:1 \text{ Compression Ratio} \end{array} \quad \begin{array}{r} 1775 / 4 = 443.75\text{cc} \\ .060" \text{ Deck} = 9.80\text{cc} \\ \text{Head} = 50.00\text{cc} \\ \hline 503.55\text{cc} \end{array} \quad \begin{array}{r} 8.42 \\ 59.80 \overline{) 503.55} \end{array}$$

Serial Number Information

Year		Starting Chassis Number	Starting Engine Number	Year		Starting Chassis Number	Starting Engine Number
Type-1				Type-2			
1978		158 2000 001	AJ-0-119-668	1978		218 200 001	GE-0-007-083
1977		177 2000 001	AJ-0-095-936	1977		217 200 001	GE-0-000-001
1976		116 2000 001	AJ-0-012-406	1976		216 200 001	GD-0-000-001
1975		115 2000 001	AJ-0-000-001	1975		215 200 001	ED-0-000-640
1974	USA	114 2000 001	AK-0-239-365	1974	Calif.	214 2094 429	ED-0-000-001
	Calif.	114 2000 001	AH-0-101-889		USA	214 2000 001	AW-0-000-001
1973	USA	113 2212 117	AK-0-000-001		Auto Trans.	214 2000 001	CD-0-008-723
	USA	113 2000 001	AE-0-917-264		Man. Trans.	214 2000 001	CB-0-101-139
	Calif.	112 2000 001	AH-0-005-901	1973	Auto Trans.	213 2000 001	CB-062-001
1972	USA	112 2000 000	AE-0-558-001		Man. Trans.	213 2000 001	CD-0-000-001
	Calif.	112 2000 000	AH-0-000-001	1972		211 2000 001	CB-0-000-001
1971		111 2000 001	AE-0-558-000	1971		211 2000 001	AE-0-000-001
1970		110 2000 001	B-6-000-001	1970		210 2000 001	B-5-116-437
1969		119 000 001	H-5-414-586	1969		219 000 001	B-5-050-174
1968		118 001 001	H-5-000-001	1968		218 000 001	B-5-000-000
1967		117 001 001	H-0-204-001	1967		217 000 001	H-0-183-373
1966		116 000 001	F-0-000-001	1966		216 000 001	H-0-000-001
1965		115 000 001	8-796-623	1965		215 000 001	713-768
1964		5 667 119	7-893-119	1964		1 144 182	143-543
1963		4 846 836	6-935-204	1963		971 550	6-914-251
1962		4 010 995	5-985-948	1962		802 286	5-979-934
1961		3 192 507	5-000-001	1961		614 456	5-000-001
1960		2 528 668	3-072-320	1960		469 506	3-400-000
1959		2 226 206	2-721-313	1959		374 811	2-721-533
Type-3				Type-4			
1973		313 2000 001	U-5-057-001	1974	Auto Trans.	414 2000 001	EC-0-000-001
1972	USA	312 2000 001	U-5-000-001		Man. Trans.	414 2000 001	EA-0-098-794
	Calif.	312 2000 001	X-0-000-001	1973	USA	413 2000 001	EA-0-051-163
1971		311 2000 001	U-0-366-021		Calif.	413 2000 001	EB-0-000-001
1970		310 2000 001	U-0-231-101	1972	USA	412 2000 001	W-0-129-582
1969		319 000 001	U-0-093-652		Calif.	412 2000 001	EA-0-000-001
1968		318 000 101	U-0-000-001	1971		411 2000 001	W-0-057-035
1967		317 000 001	T-0-260-001				
1966		316 000 001	T-0-000-001				

Identification Number Locations

- T-1** Model Number: On Front Cross Panel
Chassis Number: On Frame Tunnel under Rear Seat
Engine Number: On Crankcase at Generator Support Flange
- T-2** Model Number: On Identification Plate of Partition behind Passenger Seat
Chassis Number: On Engine Cover Plate in Engine Compartment under Air Cleaner
Engine Number: On Crankcase at Generator Support Flange (1.7 liter) on RH Crankcase Half below Breather Support
- T-3** Model Number: On Identification Plate on Front Panel in Front Luggage Compartment beside Spare Tire
Chassis Number: On Frame Tunnel Under Rear Seat
Engine Number: On Crankcase Beside the Joint near Oil Cooler
- T-4** Model Number: On Identification Plate under Front Panel Beside Hood Lock
Chassis Number: On Identification Plate under Rear Seat between Inner Safety Belt mounting points
Engine Number: On Right Hand Crankcase Half below the Breather Support

VW Factory Stock Engine Chart

Application	Horsepower	Engine Size	Year
Type 1 Beetle & Ghia	36	1200cc	1/'54 - 7/'60
	40	1200cc	8/'60 - 7/'65
	50	1300cc	8/'65 - 7/'65
	53	1500cc	8/'66 - 7/'68
	57	1600cc	8/'68 - 7/'69
	65	1600cc	8/'69 - 7/'78
Type 2 Transporter & Bus	36	1200cc	1/'54 - 5/'59
	40	1200cc	6/'59 - 12/'62
	40	1200cc	8/'63 - 10/'64
	53	1500cc	1/'63 - 7/'63
	53	1500cc	11/'64 - 7/'67
	57	1600cc	8/'67 - 7/'70
	--	1700cc	8/'70 - 7/'72
	--	1800cc	8/'72 - 7/'73
Type 3 Fastback & Squareback	53	1200cc	4/'61 - 7/'63
	53	1200cc	8/'63 - 7/'65
	57	1200cc	8/'63 - 7/'72
Type 4 Fastback & Squareback	--	1700cc	8/'69 - 7/'72
	--	1800cc	8/'72 - 7/'73

Torsion Bar Chart

(length model year application)

Size	Description	Applications
21 3/4" long	Short Torsion Bar	'60-'68 T-1 Swing Axle
24 11/16" long	Intermediate Torsion Bar	'49-'59 T-1 Swing Axle
24 11/16" long	Intermediate Torsion Bar	'71-'74 T-1 IRS
24 11/16" long	Intermediate Torsion Bar	'65-'67 T-3 Swing Axle
26 9/16" long	Long Torsion Bar	'68-'70 T-1 IRS

Torsion Bar Spring Rate Chart

Bar Lengths

Diameters	21 3/4"	24 11/16"	26 9/16"
22mm*	588	497	464
23mm*	702	593	554
25mm	979	828	773
26mm	1145	968	904
27mm	1333	1126	1052
28mm	1541	1303	1217
29mm	1774	1499	1400
30mm	2031	1716	1603

*For Reference Only; these are stock Volkswagen sizes.

Type of Car	Suggested Torsion Bar - IRS			Suggested Torsion Bar - Swing Axle		
	21 3/4" (short)	24 11/16" (interm.)	26 9/16" (long)	21 3/4" (short)	24 11/16" (interm.)	26 9/16" (long)
Single Seat	27	27	28	27	28	28/29
Two Seat	--	27	28	29	27/28	28/29
Mid-Engine (single seat)	29	--	--	29	--	--
Baja Bug	27/28	28/29	29/30	27/28	28/29	29/30
Class II	--	28	29	30	28	29/30
Street Baja Bug	26/27	28	29	26/27	28	29
Class 5 & 5-1600	28	29	30	28/29	29	30
Two Seat Play Buggy	--	26/27	28	29	27/28	28/29
Four Seat Play Buggy	27/28	28/29	29/30	28	28/29	29/30

The above chart is a guide only. Individual applications may vary.

Pressure Relationship Chart

Pounds Per Square Inch Absolute	Pounds Per Square Inch Gauge & Inches of Mercury Gauge	Kilopascals Gauge & Centimeters of Mercury Vacuum	Kilopascals Absolute	Scanner Displays MAP Sensor in these Units of Mercury Absolute
29.70 psia	15 psig	104.43 kPag	204.76 kPaa	60.45 in Hg
26.70 psia	12 psig	82.74 kPag	184.07 kPaa	54.35 in Hg
24.70 psia	10 psig	68.95 kPag	170.28 kPaa	50.28 in Hg
21.70 psia	7 psig	48.27 kPag	149.60 kPaa	44.17 in Hg
19.70 psia	5 psig	34.48 kPag	135.81 kPaa	40.10 in Hg
16.70 psia	2 psig	13.79 kPag	115.12 kPaa	33.99 in Hg
14.697 psia	0 psif/in Hg	0.00 kPag/cm Hg	101.33 kPaa	29.92 in Hg
13.71 psia	2 in Hg	5.08 cm Hg	94.53 kPaa	27.92 in Hg
12.24 psia	5 in Hg	12.70 cm Hg	84.39 kPaa	24.92 in Hg
11.26 psia	7 in Hg	17.78 cm Hg	77.63 kPaa	22.92 in Hg
9.78 psia	10 in Hg	25.40 cm Hg	67.43 kPaa	19.22 in Hg
8.80 psia	12 in Hg	30.48 cm Hg	60.68 kPaa	17.92 in Hg
7.33 psia	15 in Hg	38.10 cm Hg	50.54 kPaa	14.92 in Hg
5.85 psia	18 in Hg	45.72 cm Hg	40.34 kPaa	11.92 in Hg
4.87 psia	20 in Hg	50.80 cm Hg	33.58 kPaa	9.92 in Hg
3.89 psia	22 in Hg	55.88 cm Hg	26.82 kPaa	7.92 in Hg
2.42 psia	25 in Hg	63.50 cm Hg	16.68 kPaa	4.92 in Hg

Selecting the Correct Size Fuel Injectors

1. F.C.U.L. - Fuel Consumption Under Load. F.C.U.L. is best measured on the dyno. After extensive testing, we have found the average range to be .4-.6 for gas powered engines. Using a F.C.U.L. is a safe starting point for most engines.

2. Fuel Injectors work best at about 80% of maximum output. When they are pushed beyond 80%, they tend to run hot, and fuel flow becomes irregular. Some full race engines will push injectors up to 95%, but holding them there for an extended amount of time can actually cause a decrease in flow, due to overheating.

3. Engine H.P. - To select the correct injectors, you will need the "actual" engine horsepower output.

$$\text{Injector Static Flow Rate (LB/HR)} = \frac{\text{Max. Engine HP} \times \text{F.C.U.L.}}{\text{Number of Injectors} \times 80\% \text{ or } .8}$$

To find the correct injector size for your 200hp VW engine with 4 injectors, compute the following:

$$\frac{200 \times .5}{4 \times .8} = 31.25 \text{ LB/HR}$$

Your best choice for injectors would be CB # 7125 rated at 34 LB/HR. If you have injectors and know their flow rate, you can figure the approximate horsepower range they will work with.

$$\frac{\text{Injector Static Flow Rate} \times \text{Number of Injectors} \times .8}{\text{F.C.U.L.}} = \text{Estimated HP Range}$$

Here is an example using numbers from our 200hp engine.

$$\frac{31.35 \times 4 \times .8}{.5} = @ 200\text{hp}$$

Always remember that all engines are not created equal. Different mechanical limitations only cause these figures to be good average starting points only.

Engine Specifications

Compression Ratio Chart	1300, 1500, 1600cc T-1, T-2, T-3 Single & Dual Port Heads						CC in Head
							Depth of Flycut
Bore X Stroke	37cc .140	39cc .120	41cc .100	43cc .080	46cc .050	51cc Varies	Engine Size
85.5 x 69	9.68	9.31	8.98	8.67	8.25	7.64	1584
85.5 x 74	10.32	9.92	9.56	9.23	8.78	8.13	1699
85.5 x 78	10.82	10.41	10.03	9.68	9.20	8.51	1791
85.5 x 82	11.32	10.86	10.49	10.12	9.62	8.90	1883
87 x 69	9.91	9.54	9.20	8.88	8.45	7.83	1640
87 x 74	10.56	10.16	9.80	9.46	9.00	8.33	1760
87 x 78	11.08	10.66	10.28	9.92	9.43	8.73	1855
87 x 82	11.60	11.16	10.76	10.38	9.87	9.13	1950
90.5 x 69	10.5	10.1	9.8	9.4	9	8.3	1775
90.5 x 74	11.2	10.8	10.4	10	9.6	8.8	1904
90.5 x 78	11.8	11.3	10.9	10.5	10	9.3	2007
90.5 x 82	12.3	11.8	11.4	11.4	10.5	9.7	2110
92 x 69	10.76	10.36	10.00	9.66	9.19	8.52	1835
92 x 74	11.46	11.04	10.64	10.28	9.78	9.06	1968
92 x 78	12.02	11.57	11.15	10.77	10.25	9.49	2074
92 x 82	12.59	12.12	11.68	11.28	10.73	9.93	2180
94 x 69	11.1	10.7	10.3	10	9.5	8.8	1915
94 x 74	11.8	11.4	11	10.6	10.1	9.4	2054
94 x 78	12.4	12	11.5	11.1	10.6	9.8	2165
94 x 82	13	12.5	12.1	11.7	11.1	10.3	2276
94 x 84	13.3	12.8	12.3	11.9	11.3	10.5	2332

Deck	Piston - Deck Height in CC's						
	85.5	87	88	90	90.5	92	94
.030	4.36	4.51	4.62	4.83	4.88	5.04	5.27
.035	5.16	5.34	5.47	5.72	5.78	5.97	6.24
.040	5.79	6.00	6.13	6.42	6.49	6.71	7.00
.045	6.71	6.95	7.11	7.43	7.52	7.77	8.11
.050	7.28	7.54	7.72	8.07	8.16	8.43	8.80
.055	8.03	8.31	8.51	8.90	9.00	9.30	9.71
.060	8.72	9.03	9.24	9.66	9.77	10.09	10.54
.065	9.46	9.80	10.03	10.49	10.60	10.96	11.44
.070	10.15	10.51	10.75	11.25	11.37	11.76	12.27
.075	10.90	11.28	11.55	12.08	12.21	12.62	13.17
.080	11.64	12.06	12.34	12.90	13.05	13.48	14.08
.085	12.33	12.77	13.06	13.76	13.82	14.28	14.91

Bore	Stroke - Engine Displacement in CC's						
	64	69	74	76	78	82	84
77	1192*	1286*	1378	1415	1453	1527	
83	1385	1493*	1601	1644	1696	1774	1818
85.5	1469	1584*	1699	1745	1800	1882	1929
87	1521	1640	1759	1806	1863	1949	1997
88	1556	1678	1799	1848	1906	1994	2044
90	1628	1755	1882	1933	1994	2086	2138
90.5	1646	1776	1903	1955	2016	2110	2160
92	1700	1835	1967	2020	2084	2180	2234
94	1776	1915	2052	2109	2175	2275	2332
1192 = 1200cc Engine				1493 = 1500cc Engine			
1286 = 1300cc Engine				1584 = 1600cc Engine			