

[www.directed.com](http://www.directed.com)

Directed dealers can order online at: [www.directeddealers.com](http://www.directeddealers.com)

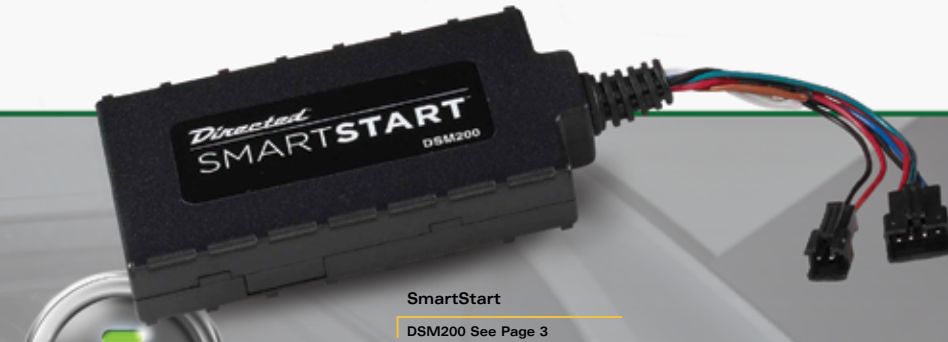
CUSTOMER SERVICE  
800 753 0600

TECHNICAL SUPPORT  
800 753 0800

DIRECT FAX  
800 999 1FAX (1329)

FAX ORDERS  
800 477 1390

MAIN TOLL FREE  
800 876 0800



SmartStart  
DSM200 See Page 3



Audio Sensor  
506T See Page 2



Viper Responder HD  
7941V See Page 13

Clifford Responder LC3  
7752X See Page 13



Python Responder One  
7211P See Page 12



Trunk Release Solenoid  
522T See Page 5

**Directed**  
ELECTRONICS  
One Viper Way, Vista CA 92081

Directed Electronics is committed to providing world-class quality products and services that excite and delight our customers.



# TABLE of CONTENTS

|   |       |
|---|-------|
| Top Ten Security Accessories . . . . .            | 2-3   |
| Remote Start Accessories . . . . .                | 4     |
| Door Lock Motors and Kits . . . . .               | 5     |
| Antennas and Receivers . . . . .                  | 6-7   |
| Sirens and Voice Modules . . . . .                | 7-8   |
| Sensors . . . . .                                 | 9     |
| Clifford Accessories . . . . .                    | 10    |
| Transmitters and Cases . . . . .                  | 12-16 |
| Switches . . . . .                                | 17    |
| Components and Relays . . . . .                   | 18-20 |
| Remote Batteries . . . . .                        | 20    |
| The Bitwriter and XpressKit Accessories . . . . . | 21    |
| Back-up Warning Systems . . . . .                 | 21    |
| Transmitter Replacement Guide . . . . .           | 22-38 |
| Index . . . . .                                   | 39    |
| FAX Sheet . . . . .                               | 40    |



515R see page 8



530T see page 3



508D see page 3

**FOR THE LATEST  
INTERFACE MODULE  
INFORMATION  
VISIT**

**WWW.XPRESSKIT.COM**

**FREE SHIPPING\***  
**WITH \$350**  
**PURCHASE**  
\*GROUND SHIPPING ONLY

© Copyright 2010, Directed Electronics, One Viper Way, Vista, California 92081.  
All rights reserved. Any duplication of any part of this material without prior written authorization is a violation of United States and world-wide copyright laws. Due to continued product development, prices, function and features subject to change without notice. P/N 901E 12-10

# TOP TEN SECURITY

## 6-Channel Programmable RF Remote Control HF Receiver

The 450R multi-channel receiver expands the capabilities of an existing High Frequency 1-Way security system by creating extra output channels or can be used anywhere as a stand alone unit. Each of the six outputs can be individually programmed for pulse/validity, latched, a latch resets with ignition or a 30/60/90 second timed output. The 450R is compatible with any Directed Electronics High Frequency 1-Way 4 button transmitter (434 MHz, 2<sup>66</sup> Codes) is required to use all of its outputs.

Part No. 450R



## Audio Sensor

Provides pre-entry protection by detecting tampering and breaking of vehicle's glass. Reliable CMOS design with remote microphone analyzes frequency, intensity and timing of intrusion sounds to eliminate false alarms.

Part No. 506T



## Stinger DoubleGUARD Shock Sensor

The most effective protection against shock/impact. Uses electromagnetic technology to eliminate mechanical parts. Two outputs are provided. The first offers a Warn Away<sup>®</sup> response on light impact and the second instantly triggers the alarm on hard impact. Draws less than 1mA. Includes the plug-in harness for all alarms with the standard 4 pin sensor input plug. Plug may be cut off harness for non-plug-in applications.

Part No. 504D



## Super-Bright Blue LED

Five pack of our blue LEDs. Compatible with Directed Electronics systems with the larger LED plug.

5 pack - Part No. 8634



## Digital Tilt/Motion Sensor

With full trigger programmable by dip switches, registers between 1 and 3 degrees of tilt and 4 degrees of motion: off, low, medium and high. 3-wire install (ground/arm/trigger) interfaces and diode isolates with other sensors.

Part No. 507M



## Power Window Roll-up Module

Allows operation of two windows in one direction or one motor in two directions. Interfaces with most modular alarms. Great for sunroofs or rear windows.

Part No. 529T



## Ultrasonic Sensor

The 509U Ultrasonic Sensor is used to provide coverage of a vehicle's interior cabin area. The sensor detects movement inside the vehicle by sensing air disturbance.

Part No. 509U



## InvisiBeam<sup>®</sup> Field Disturbance Sensor

The most effective vehicle-intrusion sensor. This dual zone radar sensor detects moving high-density objects using RF field-disturbance technology. Ideal for convertibles or any application where zone-intrusion protection is desired. Interfaces directly with optional 516U Vocalarm<sup>®</sup> module or any Directed Electronics<sup>®</sup> system offering a multiplex input for perimeter-intrusion response. New custom-chip design for outstanding stability and performance.

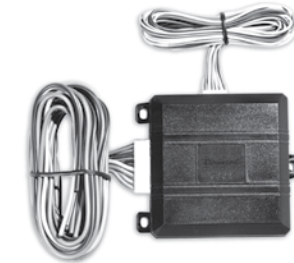
Part No. 508D



## Window Automation System

The 530T window automation system controls the operation of two windows in both directions. The 530T can automatically roll up two power windows when a security system is armed, and will provide "one touch" up and down operation for both factory power window switches. The new programmability now accepts (-) switch inputs to make interfacing with European style, rest at ignition window systems simple; and the adjustable sensitivity makes the 530T compatible with most factory power windows systems. Windows can also be vented or rolled down completely by remote control, using an auxiliary channel of a security system.

Part No. 530T



## Directed SmartStart 2.0 Module – NEW!

Remote start, lock and unlock your car and more from your smartphone using the Directed SmartStart 2.0 module – now compatible with virtually all Directed security and remote start systems with ESP2 dating back to 2003! For more information visit

Part No. DSM200





### SmartStart 2.0 Remote Kit

Add a keychain remote to SmartStart 2.0 3000 series systems for added convenience. Includes 4-button remote and IVU.

Part No. 9474T



### Nite-Lite® System

Automatically activates headlight and parking lights whenever the vehicle is driven in darkness. New daylight running lamp feature allows the safety option of having the headlights on anytime the vehicle is driven. Designed also to activate the lights whenever windshield wipers are in use, and can optionally be used with an auxiliary input that is triggered by channel from a security system or keyless entry. Adjustable turn off delay. Includes photocell, relays and bypass switch.

Part No. 545T



### 2 Wire Power Door Lock Motors

Standard door lock motors for adding power doorlocks to most vehicles.

Part No. 524T



### Heavy Duty Deluxe 2 Wire and 5 Wire Door Lock Motors

Super heavy-duty door lock motors for adding power doorlocks to most vehicles. New compact, low friction design can pull up to 10 lb. 524F can be used in conjunction with the 454T to create central locking.

**Deluxe 2 Wire Motor** (includes hardware and wire)

Part No. 524N



**Deluxe 5 Wire Motor** (includes hardware and wire)

Part No. 524F



### GM VATS Override Kit

This 15 piece resistor pack gives you all necessary values to bypass the VATS system on GM vehicles when installing remote start.

Part No. 652T



### Door Lock Relay Assembly

Pre-wired door lock relay assembly. This great time-saver also comes with resistors for some new-model vehicles. Requires alarm-supplied momentary negative pulses. Plugs into most Directed Electronics systems. (Two 40-amp relays built-in.)

Part No. 451M



### Trunk-Release Solenoid

Interfaces with existing latch or release cable to provide power trunk/hatch release by switch or remote control. Comes with mounting bracket, hardware and momentary switch.

Part No. 522T



### Power Door Lock Kit

Includes two 5-wire and two 2-wire standard door lock motors, control module, harnesses and tubing. Everything you need for adding power door locks to a four door vehicle.

Part No. 524K



### Door Lock Pulse Generator

Converts a latched trigger input to momentary pulsed negative and positive outputs for door lock interface. Can be used to add door lock interface with systems without door lock outputs. Includes dual polarity outputs for cars that require double pulse to unlock, and can provide ignition-controlled door locks.

Part No. 452T



### Failsafe® Digital Keypad with Starter Kill

Advanced electronics make the 103T a powerful new anti-theft accessory, with 11 billion possible combinations which can be changed as often as your customers want. Controls the included Failsafe Starter Kill.

Part No. 103T

**FAILSAFE**  
STARTER KILL SYSTEMS



### Door Lock Voltage Inverter

Converts a negative input to a positive 1A output. Ideal for changing an alarm's (-) door lock and unlock outputs to (+) to drive vehicle's on-board door lock relays, and many other applications.

Part No. 453T



### Cable Lock Bracket Assembly (2 Pack)

Cable door lock bracket kit.

Part No. 524CL



**XHF+ External Antenna/Receiver**

SAW version of the external antenna/receiver for Directed alarms. Upgrade for XHF in high interference areas  
Part No. 543T



**HX Receiver Kit W/ Cable**

HX Receiver Upgrade KIT With Cable New  
Part No. 543H



**HF+ Receiver Replacement**

HF+ Receiver Upgrade  
Part No. 543R (cable not included)



**Responder One Replacement Antenna**

Responder ONE replacement antenna with cable.  
Part No. 6212T



**2-Way Antenna for 5303**

Avital, Python replacement antenna with cable  
Part No. 544N

**XR+ Receiver Kit W/Cable**

XR+ Receiver Upgrade KIT With Cable New  
Part No. 543X



**1-Way SuperCode™ Replacement Control Center Antenna**

Supercode replacement control center antenna with cable.  
Part No. 6111T



**Responder External Antenna Receiver**

Responder SST 2 Way Receiver Antenna Replacement Kit for 479 Series Remote Controls.  
Part No. 546T



**ESP Siren - NEW!**

Compact ESP siren with battery backup.  
Part No. 1502T



**Responder LE Replacement Control Center Antenna W/Cable**

Responder LE replacement with cable.  
Part No. 6211T



**Responder LC3/HD Replacement Control Center Antenna W/ Cable**

Responder SST antenna  
Part No. 6711T



**Neo Siren**

Smaller size with a bigger punch, this bad boy produces between 2 and 5 dB more output than conventional sirens.  
Part No. 514N



**Mini Piezo Siren**

Special-application siren often used as a pain generator inside the vehicle.  
Part No. 513T



---

**Revenger® Siren with Rechargeable Backup Battery**

This Soft Chirp® Revenger® siren has a rechargeable 9V battery for backup, with key. Offers both (+) and (-) trigger inputs.

Part No. 515R



---

**Programmable Voice System**

The 516L has Pre programmed messages in both English and Japanese, both generic and Viper-specific, plus a microphone which can be used either to record 9 different 5-second custom messages, or as a P.A. (Public Address) system.

Part No. 516L



---

**Blue & Clear LEDs**

Five pack of our new blue or clear LEDs. Used with all new Directed Electronics systems with the larger LED plug.

5 pack - Part No. 8634(blue)

5 pack - Part No. 8633(clear)



---

**Electro-Luminescent Directed Electronics® Armed Indicators**

Electro-Luminescent technology for everyday uses. Extreme low current draw, and high visibility, bright blinking panel for security systems.

Part No. 620V



---

**VOCALARM® Universal Voice Module**

The 516U is a universal voice add-on. It can be programmed to generate voices in English or Spanish as well as generic or Viper-specific messages. The 516U can also read the siren output of most Directed Electronics systems and will follow the Silent Mode™ protocol. If desired, the unit can be used to generate the Warn Away® message only.

Part No. 516U

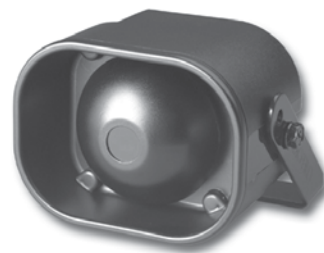


---

**Mini 130dB Siren Kit**

Super loud 6-tone siren w/heavy duty bracket. For any alarm with 12V output. Included in the Clifford Matrix systems

Part No. 514C



---

**OEM Interface Shock Sensor**

Now you can interface the best shock sensor to factory alarms-with the 504K-specifically designed to deliver the right pulse interfaces with hood switch circuit.

Part No. 504K

Harness For 504KH (5pk)

LED/Valet Pod For 504KP (5pk)



---

**Standard 12-Pin CPU Harness**

Part No. 8298 harness, 15a/10a without Starter Kill

Part No. 8299 15A/10A with Starter Kill



---

**BlackJax 4 Anti-Carjacking System**

A safe way to prevent carjacking. Allows the carjacker to drive a short distance then shut the engine down automatically when it is safe.

Part No. 909505



---

**Scanning LED Module**

Has back-and-forth, pointer and random modes. 5 LEDs mounted in an attractive case.

Part No. 629L - Blue



---

**Closed Loop Sensor**

Perfect for monitoring auxiliary lights, car covers, trailers or anything that you might want to trigger the alarm when you disconnect it. Extremely low current consumption, and compact transistorized design provides both positive and negative output triggers when input trigger is disconnected.

Part No. 502T



---

**Motion Sensor**

Detects vertical motion from jacking or towing attempts. Water resistant design utilizes offset silver-plated contacts for a wide range of adjustment.

Part No. 500T



---

**CliffNet Wizard Consumer Edition**

Windows-PC graphical user interface for G4/G5 systems for control of system features including personalized siren sounds.  
Part No. 905265



---

**Clifford Bezel Blue L.E.D.**

G4/G5 style Clifford Blue LED w/rectangular flush mount bezel.  
5 pack - Part No. 909235



---

**Clifford Bezel L.E.D.**

G4/G5 style Clifford Red LED w/ rectangular flush mount bezel.  
Part No. 905235



---

**Clifford Plain View 2 Valet Switch**

Plain View 2 coded valet switch for Clifford G4/G5 alarms  
Part No. 905020



---

**Clifford Matrix Dual Stage Shock Sensor**

Dual Stage Shock Sensor  
Part No. 504C



---

**CliffNet Wizard Pro Edition**

Professional level version of Wizard directly accesses "nerve center" of G4/G5 systems for testing, diagnostics and critical installation-related settings.  
Part No. 905255



---

**Merlin Land & Watercraft Security System**

Extremely rugged water- and shock-resistant module with coated PC board, tilt sensor, battery back-up siren and two miniature waterproof 2-button remotes.  
Part No. 122T



---

**Failsafe® II Starter Kill With LED and (2) Relays**

Part No. 102T



---

**DC Power Adapter for HD and LC3 Remotes (CIG+USB)**

Power Adapter for Responder LC3 and HD remotes.  
Part No. 8603T



---

**AC Power Adapter for Responder LC3 and HD remotes**

Power Adapter for Responder LC3 and HD remotes.  
Part No. 8602T


















## Transmitter Cases










| Part #  | Description   |
|---------|---|
| 873L    | AVITAL 3-BUTTON REPLACEMENT CASE FOR 473L (5 PACK)                |
| 879X    | CLIFFORD RESPONDER REPLACEMENT TX CASE (1 PC)                     |
| 904100C | CLIFFORD 4-BUTTON "OEM" REPLACEMENT CASE, CARBON FIBER (5 PACK)   |
| 904065C | CLIFFORD 3-BUTTON "CELLO" REPLACEMENT CASE, CARBON FIBER (5 PACK) |
| 874T    | HORNET / VALET 4-BUTTON REPLACEMENT CASE FOR 474T (5 PACK)        |
| 876T    | HORNET 4-BUTTON REPLACEMENT CASE FOR 476T (5 PACK)                |
| 879P    | PYTHON RESPONDER REPLACEMENT TX CASE (1 PC)                       |
| 874P    | PYTHON 4-BUTTON REPLACEMENT CASE FOR 474P (5 PACK)                |
| 873P    | PYTHON 3-BUTTON REPLACEMENT CASE FOR 473P (5 PACK)                |
| 879V    | VIPER RESPONDER REPLACEMENT TX CASE (1 PC)                        |










## Transmitters

| Part #  | Description  |
|---|--|
|  7142V   | VIPER 4-BUTTON 1-WAY REMOTE 2/66 CODES, 350 PLUS, RESPONDER 350  |
|  7142P  | PYTHON 4-BUTTON 1-WAY REMOTE 2/66 CODES, 460 PLUS, RESPONDER 460 |
|  7142X | CLIFFORD 4-BUTTON 1-WAY REMOTE 2/66 CODES, MATRIX +1, 1X         |
|  7153V | VIPER 5-BUTTON 1-WAY SUPERCODE REMOTE                            |
|  7153P | PYTHON 5-BUTTON 1-WAY SUPERCODE REMOTE                           |
|  7153X | NEW - CLIFFORD RESPONDER LE SUPERCODE 1-WAY 5 BUTTON REMOTE      |

| Part # | Description  |
|--------|--|
| 874V   | VIPER 4-BUTTON REPLACEMENT CASE FOR 474V (5 PACK)    |
| 873V   | VIPER 3-BUTTON REPLACEMENT CASE FOR 473V (5 PACK)    |
| 684T   | 4-BUTTON REPLACEMENT CASE FOR 484T (5 PACK)          |
| 693T   | 2-BUTTON REPLACEMENT CASE FOR 491C AND 492C (5 PACK) |
| 695T   | 2-BUTTON REPLACEMENT CASE FOR 471C (5 PACK)          |
| 679T   | RESPONDER REPLACEMENT TX HOLSTER (5 PACK)            |
| 873T   | 3-BUTTON REPLACEMENT CASE FOR 473T (5 PACK)          |



















| Part #  | Description  |
|---|--|
|  7211V   | RESPONDER ONE REPLACEMENT REMOTE   |
|  7211P   | PYTHON RESPONDER ONE REPLACEMENT REMOTE                                      |
|  7211X  | CLIFFORD RESPONDER ONE REPLACEMENT REMOTE                                    |
|  7341V | VIPER LCD 2-WAY RESPONDER REMOTE FOR RESPONDER 350                           |
|  7341P | PYTHON LCD 2-WAY RESPONDER REMOTE FOR RESPONDER 460<br>(Also Replaces 7341V) |
|  7341X | CLIFFORD LCD 2-WAY RESPONDER REMOTE FOR MATRIX 1X                            |
|  7642V | VIPER 1-WAY RESPONDER SST COMPANION REMOTE                                   |














| Part #  | Description                                       |
|---|---|
|  7642P   | PYTHON 1-WAY RESPONDER SST COMPANION REMOTE       |
|  7642X   | CLIFFORD 1-WAY RESPONDER SST COMPANION REMOTE     |
|  7652V   | VIPER 1-WAY SST LC3 SUPERCODE COMPANION REMOTE    |
|  7652P   | PYTHON 1-WAY SST LC3 SUPERCODE COMPANION REMOTE   |
|  7652X  | CLIFFORD 1-WAY SST LC3 SUPERCODE COMPANION REMOTE |
|  7752V | VIPER RESPONDER LC3 2-WAY SST SUPERCODE REMOTE    |
|  7752P | PYTHON RESPONDER LC3 2-WAY SST SUPERCODE REMOTE   |
|  7752X | CLIFFORD RESPONDER LC3 2-WAY SST SUPERCODE REMOTE |
|  26161 | READY REMOTE 3-BUTTON REMOTE FOR 24926            |

| Part #  | Description   |
|---|---|
|  26171   | READY REMOTE 5-BUTTON REMOTE FOR 24927                  |
|  477P    | PYTHON 2-WAY LCD REMOTE FOR 5303P                       |
|  471H    | 1-BUTTON TX FOR HORNET 569T                             |
|  473T    | 3-BUTTON TX, 434 MHZ, 2/66 CODES                        |
|  474T   | 4-BUTTON TX, 434 MHZ, 2/66 CODES                        |
|  7941V | VIPER RESPONDER HD COLOR SST REMOTE                     |
|  7941P | PYTHON RESPONDER HD COLOR SST REMOTE                    |
|  7941X | CLIFFORD RESPONDER HD COLOR SST REMOTE                  |
|  7251V | NEW - VIPER RESPONDER LE SUPERCODE 2-WAY 5-BUTTON REMOT |



| Part #  | Description   | Part #   | Description  |
|---|---|--|--|
|  7251P   | NEW - PYTHON RESPONDER LE SUPERCODE 2-WAY 5-BUTTON REMOTE   |  474A     | AUTOMATE 4-BUTTON TX, 434 MHZ, 2/66 CODES                |
|  7251X   | NEW - CLIFFORD RESPONDER LE SUPERCODE 2-WAY 5-BUTTON REMOTE |  477L     | AVITAL 2-WAY LCD REMOTE, 434MHZ, 2/66 CODES              |
|  7152V   | NEW - VIPER RESPONDER LE SUPERCODE 1-WAY 5-BUTTON REMOTE    |  474L     | AVITAL 4-BUTTON TX, 434 MHZ, 2/66 CODES                  |
|  7152P   | NEW - PYTHON RESPONDER LE SUPERCODE 1-WAY 5-BUTTON REMOTE   |  473L     | AVITAL 4-BUTTON TX, 434 MHZ, 2/66 CODES                  |
|  7131X  | CLIFFORD 3-BUTTON REMOTE, 434 MHZ, 2/66 CODES               |  820041  | AVITAL 4-BUTTON TX, 434 MHZ, 2/66 CODES                  |
|  7141X | CLIFFORD 4-BUTTON REMOTE, 434 MHZ, 2/66 CODES               |  820031 | AVITAL 3-BUTTON TX, 434 MHZ, 2/66 CODES                  |
|  7151X | CLIFFORD 5-BUTTON REMOTE, 434 MHZ, 2/66 CODES               |  7701X  | MATRIX RESPONDER SST REMOTE - for Matrix 50.5X and 20.5X |
|  477A  | AUTOMATE 2-WAY LCD REMOTE, 434 MHZ, 2/66 CODES              |  479X   | CLIFFORD MATRIX RESPONDER REMOTE                         |
|  473A  | AUTOMATE 2-BUTTON, 434 MHZ, 2/66 CODES                      |  489X   | CLIFFORD MATRIX RESPONDER REMOTE - SECURITY              |

| Part #   | Description   | Part #  | Description  |
|--|---|---|--|
|  488X     | CLIFFORD MATRIX LED 2-WAY REMOTE                            |  479P    | PYTHON RESPONDER REMOTE                                    |
|  7641X    | CLIFFORD MATRIX VENOM SST REMOTE - for Matrix RS 1.1L       |  7641P   | PYTHON VENOM SST TX - for Python 1400XPL                   |
|  904075   | CLIFFORD 5-BUTTON "RADAR 2" TX                              |  474P    | PYTHON 4-BUTTON TX, 434 MHZ, 2/66 CODES                    |
|  904100   | CLIFFORD 4-BUTTON "OEM" TX                                  |  473P    | PYTHON 3-BUTTON TX, 434 MHZ, 2/66 CODES                    |
|  904065  | CLIFFORD 3-BUTTON "CELLO" TX, CARBON FIBER                  |  7141V  | VIPER 4-BUTTON REMOTE, 434 MHZ, 2/66 CODES                 |
|  904010 | CLIFFORD 2-BUTTON TX, UNCODED, 303 MHZ (price change)       |  7701V | VIPER RESPONDER SST REMOTE - for Viper 5900 and Viper 5500 |
|  477T   | HORNET / VALET 2-WAY LCD REMOTE, 434 MHZ, 2/66 CODES        |  479V  | VIPER RESPONDER REMOTE                                     |
|  7141P  | PYTHON 4-BUTTON TX, 434 MHZ, 2/66 CODES                     |  7641V | VIPER VENOM SST TX - for Viper 160XVL                      |
|  7701P  | PYTHON RESPONDER SST REMOTE - for python 990 and python 950 |  488V  | VIPER LED 2-WAY REMOTE                                     |

| Part #  | Description   | Part #   | Description  |
|---|---|--|--|
|  473V    | VIPER 3 BUTTON TX, 434MHZ, 2/66 CODES                   |  482T   | 2-BUTTON IN-KEY TX, 434 MHZ, 2/66 CODES, FOR MERLIN 3000 |
|  7111A   | 1 BUTTON AUTOMATE REMOTE START                          |  469T   | 2-BUTTON TX, CODE ALARM COMPATIBLE                       |
|  7111L   | 1 BUTTON AVITAL REMOTE START                            |  471C   | 2-BUTTON TX, 434MHZ, 2/66 CODES                          |
|  7351V   | VIPER RESPONDER LC 2-WAY ASK SUPERCODE REMOTE           |  484T   | 4-BUTTON TX, 302MHZ, 2/29 CODES                          |
|  7152X  | CLIFFORD SUPERCODE 1-WAY 5-BUTTON REMOTE - LE COMPANION |  485M  | 4-BUTTON TX, 434MHZ, 2/37 CODES (V60 - USE FOR 491C)     |
|  7351X | CLIFFORD RESPONDER LC 2-WAY ASK SUPERCODE REMOTE        |  488T | UNIVERSAL LED 2-WAY REPLACEMENT REMOTE                   |
|  7351P | PYTHON RESPONDER LC 2-WAY ASK SUPERCODE REMOTE          |  492C | 2-BUTTON TX, 302MHZ, 2/37 CODES                          |
|  465D  | 2-BUTTON TX, 434MHZ, 2/12 CODES, UNCODED, DEALER MASTER |  493C | 2-BUTTON TX, 302MHZ, 2/29 CODES                          |
|  24171 | AUTOCOMMAND 5-BUTTON REMOTE FOR 41027/41027T            |  493T | 2-BUTTON TX, 302MHZ, 2/29 CODES, UNCODED                 |

### Diodes

**1-amp, 65 pack.** Part No. 650T



**6-amp, 10 pack.** Part No. 651T



**3-amp, 50 pack.** Part No. 653T



### Adjustable, Heavy-Duty Pinswitch

Previously 630T. Sturdy, easily adjusted switch used for protection of entry points. Self-grounding through chassis.

**5 pack—Part No. 8607**



### European Pinswitch

Previously 631T. Adjustable right-angle switch for a clean, factory look. Self-grounding through chassis. Genuine Harrison pin switch covered under U.S. Patent No. 4,775,768.

**5 pack—Part No. 8608**



### Straight-Pinswitch Bracket

Previously 690T. Straight-steel sliding bracket allows mounting of a pin switch.

**10 pack—Part No. 8614**



### Angle-Pinswitch Bracket

Previously 691T. Right-angle steel sliding bracket allows mounting of a pin switch.

**10 pack—Part No. 8615**



### Resistor Multi-Pack

**Part No. 654T**



### Magnetic Switch

One of the only switches with both normally open and normally closed contacts.

**Part No. 8601**



### Ball Bearing Tilt Switch

Waterproof switch protects entry points where conventional switches won't work. Perfect for hatches, camper shells and the like.

**Part No. 8613**



### LED/Switch Holder

Allows mounting of an LED or valet switch to an unusual place or where you cannot drill a hole. Includes hook and loop fastener.

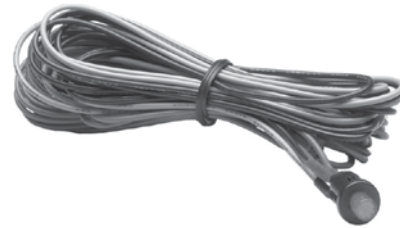
**25 pack—Part No. 621T**



### LED/Valet Switch Combo

Combines LED and valet switch in one unit

**Part No. 8606**



### "Active" Latching Switch

The Rattlesnake 611T is an extremely versatile solid-state switch that can be used for many installation needs. Can be programmed normally open/normally closed, switched on with positive or negative input pulse, programmed to act as a latch or a timer. In latched mode, will toggle on/off each time an input is sensed. In timer mode, can be programmed from 1-100 seconds. For precision operations, can be used to obtain very accurate output times in the 0-1 second window.

**Part No. 611T**



### Dual Make Relay Assembly w/Fuse

15-amp contact. Perfect for European cars with separate left and right parking lights, multiple horn/siren outputs, fog lights. Has same footprint as regular SPDT relay, making it useful with conventional relay sockets. Can be used to energize second ignition, starter, accessory or cold-crank circuits (under 15A) on 551T relay satellite.

**Part No. 8626**



### Momentary Switch

Pre-wired normally open push-button switch. Used for valet/program switch in some systems.

**5 pack - Part No. 8631**



### Toggle Switch

Pre-wired on/off switch. Used for valet switch with many security systems.

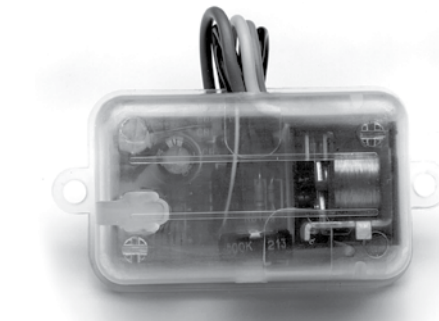
**5 pack—Part No. 8604**



### Pulse Timer with SPDT Relay

An adjustable (1 to 90 seconds) timer-controlled 30A relay. Activates with a (+) or (-) trigger input. For temporary circuit connect/disconnect applications.

**Part No. 528T**



### Directed Relay

Heavy-duty automotive 40/30A relay.

**Part No. 610T**



### Directed Relay Value Pack

**200 pack—Part No. 610C**

### Light Flasher Assembly

4-wire, triggers with (+) or (-) signal. Flashes the vehicle's parking lights when the siren triggers. Includes 610T relay, flasher, pre-wired in sockets.

**Part No. 8619**



**FOR THE LATEST  
INTERFACE MODULE  
INFORMATION  
VISIT**

**WWW.XPRESSKIT.COM**

### Pre-Wired Mini Relay

20/10A. Cost-efficient solution for domelight supervision, trunk release, and more.

**Part No. 8616**



### Starter Kill Relay

Heavy-duty Directed Electronics 40A relay plugged into 3-wire socket. Uses switch side of starter wire to power relay. Allows faster starter kill install with only one wire between relay and system.

**Part No. 8618**





### Directed Relay Assembly

Heavy-duty 40A automotive relay plugged into 5-wire socket.

Part No. 8617



### 110V/12V Adapter, 800mA

Provides 12V to power displays, or for testing purposes.

Part No. 680T



### STEAL STOPPER™

#### 12-volt Backup Battery and Sensor system

Sealed 0.7 amp/hour lead/acid battery powers and triggers the alarm when vehicle's battery is disconnected. A must for any high-security installation.

Part No. 520T



### 3V Lithium 2032 battery

10 pack

Replacement 3V batteries for remote control transmitters. For the following transmitters: 476V, 476S, 476A, 474P, 473P

Part No. 599T

Part No. 598T 10 pack 2025

battery



### 3V Lithium 2016 battery

20 pack

Used with first generation 476A.

Part No. 600T

### Type 23A 12V Transmitter Batteries

20 pack

Replacement 12V batteries for remote control transmitters. For the following transmitters: 460T, 465T, 484T, 485T, 491T, 492T, 493, 475T, 476P, 491D, 465D, 473T, 485M, 469T, 471T.

Part No. 601T



FOR THE LATEST  
INTERFACE MODULE  
INFORMATION  
VISIT  
[WWW.XPRESSKIT.COM](http://WWW.XPRESSKIT.COM)

### The Bitwriter®

The remarkable, Innovations Award-winning Bitwriter is the preferred way to quickly and accurately program Directed Electronics ESP security and convenience systems, including most Directed Electronics remote start and keyless entry systems.

Part No. 998T



### Bitwriter EEPROM upgrade chip (not shown)

Quickly upgrade your Bitwriter to program all the latest ESP® systems with this fast, foolproof chip replacement. Leave a Bitwriter cable connected but hidden, for fast easy system reprogramming.

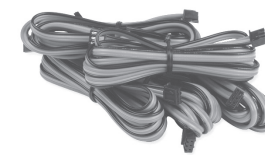
Part No. 998U

Bitwriter main intergrated circuit nessessary for upgrading certain older Bitwriters to the latest software.

Part No. 998M

### 5 pack Bitwriter Cables

Part No. 8998



### ESP® Programming Port

Plug-into the ESP system's serial interface, and permanently mount this programming port in a discreet location in the vehicle, for convenient anytime Bitwriter access to the ESP alarm, remote start or keyless entry system. Change system settings, add/zap remotes, etc.

5 Pack – Part No. 8999



### Ultrasonic Parking Sensor/Four Sensor Obstacle Detection System

Four flush mounted ultrasonic sensors integrate into vehicle's bumper. Sensors can be painted to match the bumper color. Interior Mounted Speaker provides Audible Obstacle Warning. 6 different warning sounds indicate distance and prevent backing into obstacles or property. Automatically activates when car shifts into reverse. No calibration required. Provides distance when parallel parking or backing into tight spaces. Works on any vehicle.

Part No. 9401T

### XKLOADER2

GEN2 XpressKit Computer programming tool.

Part No. XKLOADER2



### XKD2D65

D2D cable 5 pack. Connects XK modules W/D2D systems.

Part No. XKD2D65P



### XKD2D65P

D2D cable 5 pack. Connects XK modules W/D2D systems.

Part No. XKD2D65



### Bitwriter 2.6 Y-harness 5-pack

Allows Bitwriter programming of Avital and promotional Python and Viper models that have D2D ports but no ESP port.

Part No. 8200



# AVITAL TRANSMITTER REPLACEMENT GUIDE

| Brand  | Model #               | Part # | Alarm Brain Part # | Original Master Remote # | Original Companion Remote # | Current Part #       |
|--------|-----------------------|--------|--------------------|--------------------------|-----------------------------|----------------------|
| Avital | AllStart              | NLA    | 6391               | 5612                     | 5612                        | 904010               |
| Avital | AT-20                 | NLA    | 5303-1027          | 5635                     | 5635                        | 904010               |
| Avital | AT-22                 | NLA    | 5258               | 5625                     | 5625                        | 904010               |
| Avital | AT-30                 | NLA    | 5303-1037          | 5625                     | 5625                        | 904020 not available |
| Avital | AT-40                 | NLA    | 5303-1047          | 5625                     | 5625                        | 904020 not available |
| Avital | AT-5                  | NLA    | 5278               | 5635                     | 5635                        | 904010               |
| Avital | AT-58                 | NLA    | 5303-1147          | 5635                     | 5635                        | 904010               |
| Avital | AT-70                 | NLA    | 5303-1157          | 5635                     | 5635                        | 904010               |
| Avital | AT-90                 | NLA    | 5303-1177          | 5647                     | 5647                        | 904010               |
| Avital | AviStar 315Mhz        | NLA    | 5230               | 5607                     | 5607                        | not available        |
| Avital | AviStar MK II         | NLA    | 5260               | 5607                     | 5607                        | 904010               |
| Avital | AviStar MK III        | NLA    | 5303-1040          | 5602                     | 5602                        | 904020 not available |
| Avital | AviStar MK III 433Mhz | NLA    | 5433-1040          | 5633-433                 | 5633-433                    | 904020 not available |
| Avital | AviStart 2501         | 809005 | 5433-2501          | 5670-4                   | 5670-4                      | 804150 not available |
| Avital | AviStart 3000         | 809010 | 5433-3000          | n/a                      | 5660-4                      | 804150 not available |
| Avital | AviStart 3001         | 809015 | 5433-3001          | 5671-4                   | 5671-4                      | 804150 not available |
| Avital | AviStart 4000         | 809020 | 5433-4000          | 5658-4                   | 5658-4                      | 804150 not available |
| Avital | AviStart 4001         | 809025 | 5433-4001          | 5672-4                   | 5672-4                      | 804150 not available |
| Avital | AviStart 4500         | 809030 | 5433-4500          | 5658-479                 | 5658-4                      | 804150 not available |
| Avital | AviStart 4501         | 809035 | 5433-4501          | 5678-4                   | 5673-4                      | 804150 not available |
| Avital | AviStart 6000         | 809040 | 5433-6000          | 5659-478                 | 5659-4                      | 804150 not available |
| Avital | AviStart 6001         | 809045 | 5433-6001          | 5674-4                   | 5674-4                      | 804150 not available |
| Avital | AviStart 6500         | 809050 | 5433-6500          | 5659-476                 | 5659-4                      | 804150 not available |
| Avital | AviStart 6501         | 809055 | 5433-6501          | 5681-4                   | 5674-4                      | 804150 not available |
| Avital | Bandido2              | 808500 | 5303-1352          | 5664                     | 5664                        | 804150 not available |
| Avital | Bike Keeper           | NLA    | 5000               | 5642                     | 5655                        | 904010               |
| Avital | Champion 315Mhz       | NLA    | 5220               | 5607                     | 5607                        | not available        |
| Avital | Champion MK II        | NLA    | 5250/5251          | 5602                     | 5602                        | 904010               |
| Avital | Champion MK III       | NLA    | 5303-1030          | 5628                     | 5628                        | 904020 not available |
| Avital | Champion MK III 433   | NLA    | 5303-1035          | 5628-4                   | 5628-4                      | not available        |
| Avital | "Champion, Generic"   | NLA    | 5228               | n/a                      | n/a                         | not available        |
| Avital | Cyclone               | NLA    | 5200               | 5610                     | 5610                        | 904010               |
| Avital | Cyclone 315Mhz        | NLA    | 5210               | 5607                     | 5607                        | not available        |
| Avital | Cyclone MK II         | NLA    | 5250               | 5633                     | 5633                        | 904010               |
| Avital | Cyclone MK III        | NLA    | 5303-1020          | 5633                     | 5633                        | 904010               |
| Avital | Cyclone MK III 433    | NLA    | 5433-1020          | 5633-433                 | 5633-433                    | not available        |
| Avital | Diablo                | NLA    | 5303-1141          | 5633                     | 5633                        | 904010               |
| Avital | Diablo 433Mhz*        | NLA    | 5433-1141          | 5650-2                   | 5650-2                      | 804150 not available |
| Avital | Diablo2               | 808210 | 5303-1241          | 5654                     | 5654                        | 904010               |
| Avital | EX 200 315Mhz         | NLA    | 5215               | 5607                     | 5607                        | not available        |
| Avital | EX 400 315Mhz         | NLA    | 5225               | 5607                     | 5607                        | not available        |
| Avital | Generic               | NLA    | 5278               | n/a                      | n/a                         | not available        |
| Avital | Hurricane             | NLA    | 5291               | 5634                     | 5634                        | 904010               |
| Avital | Hurricane             | NLA    | 5303-1152          | 5633                     | 5633                        | 904010               |
| Avital | Hurricane 433Mhz      | NLA    | 5433-1142          | 5650-2                   | 5650-2                      | 804150 not available |
| Avital | Hurricane2            | 808300 | 5303-1252          | 5654                     | 5654                        | 904010               |
| Avital | MX III                | NLA    | 5205               | 5633                     | 5633                        | 904010               |
| Avital | MX IV                 | NLA    | 5229               | 5635                     | 5635                        | 904010               |
| Avital | MX V                  | NLA    | 5245               | 5643                     | 5643                        | 904010               |
| Avital | Phoenix               | NLA    | 5303-1157          | 5612                     | 5612                        | n/a                  |
| Avital | Phoenix 303Mhz        | 808100 | 5303-1170          | 5647                     | 5647                        | 904010               |
| Avital | Phoenix 433Mhz        | NLA    | 5433-1142          | 5651-4                   | 5651-4                      | 804150 not available |

# AVITAL TRANSMITTER REPLACEMENT GUIDE

| Brand                    | Model #              | Part # | Alarm Brain Part # | Original Master Remote # | Original Companion Remote # | Current Part #       |
|--------------------------|----------------------|--------|--------------------|--------------------------|-----------------------------|----------------------|
| Avital                   | Phoenix2             | NLA    | 5433-1170          | 5651-4                   | 5651-4                      | 804150 not available |
| Avital                   | Premium Multi 315    | 808400 | 5303-1270          | 5647                     | 5647                        | 904010               |
| Avital                   | Premium Multifeature | NLA    | 5217               | 5617                     | 5617                        | not available        |
| Avital                   | Premium2             | NLA    | 5228               | 5612                     | 5612                        | 904010               |
| Avital                   | Premium3             | NLA    | 5257               | 5612                     | 5612                        | 904010               |
| Avital                   | QuickStart           | NLA    | 5247               | 5635                     | 5635                        | 904010               |
| Avital                   | Remote Access        | NLA    | 6390               | n/a                      | n/a                         | n/a                  |
| Avital                   | Remote Access2       | NLA    | 5001               | 5646                     | 5646                        | 904010               |
| Avital                   | Tornado              | NLA    | 5003               | 5653                     | 5653                        | 904010               |
| Avital                   | Tornado (new top)    | NLA    | 5270               | 5633                     | 5633                        | 904010               |
| Avital                   | Tornado 433Mhz       | NLA    | 5271               | 5633                     | 5633                        | 904010               |
| Avital                   | Tornado2             | NLA    | 5270-4             | 5633-433                 | 5633-433                    | not available        |
| Avital                   | Vesco300             | 808600 | 5273               | 5633                     | 5633                        | 904010               |
| Avital                   | Vesco300A            | NLA    | n/a                | 5612                     | 5612                        | 904010               |
| Avital                   | Vesco400             | NLA    | n/a                | 5612                     | 5612                        | 904010               |
| Avital                   | Vesco400A            | NLA    | n/a                | 5617                     | 5617                        | not available        |
| Avital                   | Vesco600             | NLA    | 5251               | 5617                     | 5617                        | not available        |
| Avital                   | Vesco600A            | NLA    | 5251               | 5612                     | 5612                        | 904010               |
| Avital                   | Vesco600A            | NLA    |                    | 5619                     | 5619                        | 904020 not available |
| <b>AVITAL / DIRECTED</b> |                      |        |                    |                          |                             |                      |
| Avital                   | AVISTART 3100        | 831001 | n/a                | 820021                   | 820021                      | 820021, 473L         |
| Avital                   | AVISTART 3200        | 832001 | n/a                | 820041                   | 820041                      | 820041, 473L         |
| Avital                   | AVISTART 3300        | 833001 | n/a                | 820041                   | 820041                      | 820041, 474L         |
| Avital                   | AVISTART 4000        | 830002 | n/a                | 820031                   | 820031                      | 820031, 473L         |
| Avital                   | AVISTART 4000XL      | 830012 | n/a                | 473L                     | 473L                        | 473L                 |
| Avital                   | AVISTART 4100        | 831002 | n/a                | 820031                   | 820031                      | 820031, 473L         |
| Avital                   | AVISTART 4200        | 832002 | n/a                | 820041                   | 820041                      | 820041, 474L         |
| Avital                   | AVISTART 4300        | 833002 | n/a                | 820041                   | 820041                      | 820041, 474L         |
| Avital                   | AVISTART 4400        | 834002 | n/a                | 477L                     | 820041                      | 820041, 477L         |
| Avital                   | AVITAL 2000          | 820001 | n/a                | 820020                   | 820020                      | 820020 not473T, 473L |
| Avital                   | AVITAL 2100          | 821001 | n/a                | 820031                   | 820031                      | 820031, 473L         |
| Avital                   | AVITAL 2200          | 822001 | n/a                | 820031                   | 820031                      | 820031, 473L         |
| Avital                   | AVITAL 2300          | 823001 | n/a                | 820041                   | 820041                      | 820041, 474L         |
| Avital                   | HURRICANE 3          | 808301 | n/a                | 476L                     | 476L                        | 476L, 474L           |
| Avital                   | 2101                 | 2101L  | n/a                | 474L                     | 474L                        | 474L, 473L, 471C     |
| Avital                   | 3001                 | 3001L  | n/a                | None/uses fac remote     | None/uses fac remote *      | 474L, 473L, 471C     |
| Avital                   | 3300                 | 3300L  | n/a                | 477T                     | 474L                        | 477T, 474L, 473L     |
| Avital                   | 3100                 | 3100L  | n/a                | 473L                     |                             | 474L, 473L, 471C     |
| Avital                   | 4003                 | 4003L  | n/a                | No remote/ NOT RF        | No remote/ NOT RF *         | 474L, 473L, 471C     |
| Avital                   | 4103                 | 4103L  | n/a                | n/a                      | 474L                        | 474L                 |
| Avital                   | 4111                 | 4111L  | n/a                | n/a                      | 7111L                       | 7111L                |
| Avital                   | 4113                 | 4113L  | n/a                | n/a                      | 7111L                       | 7111L                |
| Avital                   | 4603                 | 4603L  | n/a                | 7641L                    | 7641L                       | 7641L                |
| Avital                   | 5103                 | 5103L  | n/a                | n/a                      | 474L                        | 474L                 |
| Avital                   | 5303                 | 5303L  | n/a                | 477L                     | 474L                        | 477L, 474L           |

\*Need to add an external receiver to use aftermarket remotes

NLA=No Longer Available

# CLIFFORD TRANSMITTER REPLACEMENT GUIDE

| Brand    | Model #                    | Part # | Alarm Brain Part # | Original Master Remote #   | Original Companion Remote # | Current Part #         |
|----------|----------------------------|--------|--------------------|----------------------------|-----------------------------|------------------------|
| Clifford | Ace                        | NLA    | 50-026             | 60-347                     | 60-347                      | 904010                 |
| Clifford | Ace 100                    | NLA    | 50-716             | 60-347                     | 60-347                      | 904010                 |
| Clifford | Ace 2000 (G4)              | NLA    | 53-851             | 53-792-2                   | 53-792-2                    | 904065                 |
| Clifford | Ace 300                    | NLA    | 50-717             | 60-391                     | 60-383                      | 904020 not available   |
| Clifford | Ace 4000 (G4)              | NLA    | 53-824             | 53-798-4                   | 53-798-4                    | 904100                 |
| Clifford | Ace 500                    | NLA    | 50-718             | 60-390                     | 60-383                      | 904020 not available   |
| Clifford | Ace 5000                   | NLA    | 50-845             | 50-846-1                   | 50-846-1                    | 904015 not available   |
| Clifford | Ace 7500 (G4)              | NLA    | 53-7500            | 53-797-1                   | 53-798-3                    | 904100/904085          |
| Clifford | Ace II                     | NLA    | 50-026-2           | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | Ace II (Ver. 2)            | NLA    | 50-038             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | Advantage                  | NLA    | 50-005-4M          | 60-347U                    | 60-347U                     | 904010                 |
| Clifford | Advantage Plus             | NLA    | 50-050             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | AirLink                    | NLA    | 50-454             | n/a                        | n/a                         | n/a                    |
| Clifford | Arrow                      | NLA    | 50-740?            | 60-347                     | 60-347                      | 904010                 |
| Clifford | Arrow 2                    | NLA    | 50-700?            | 60-347                     | 60-347                      | 904010                 |
| Clifford | Arrow3 (G4)                | 908000 | 53-825             | 53-792-2                   | 53-792-2                    | 904065                 |
| Clifford | Arrow3UK (G4)              | 908001 | 53-825-01          | 53-792-2                   | 53-792-2                    | 904065                 |
| Clifford | Arrow5 (G5)                | 909595 | n/a                | 904065                     | 904065                      | 904065                 |
| Clifford | Arrow 5.1                  | 919595 | n/a                | 7131X (Directed seed code) | 7131X                       | 7151X, 7141X           |
| Clifford | "AutoImmobilizer, 2 point" | NLA    | 55-457             | n/a                        | n/a                         | n/a                    |
| Clifford | AvantGuard                 | NLA    | 50-021             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | AvantGuard 2               | NLA    | 50-121             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | AvantGuard 2 (Ver 2)       | NLA    | 50-121-2           | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | AvantGuard 3               | NLA    | 50-707             | 50-402                     | 50-402                      | 904015 not available   |
| Clifford | AvantGuard4 (G4)           | 908400 | 53-835             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | AvantGuard4UK (G4)         | 908401 | 53-835-01          | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | AvantGuard 5 (G5)          | 909640 | n/a                | 904075                     | 904075                      | 904075/904085          |
| Clifford | AvantGuard 5.1             | 919640 | n/a                | 7151X (Directed seed code) | 7151X                       | 7141X, 7131X           |
| Clifford | BlackJax                   | NLA    | 50-573             | n/a                        | n/a                         | n/a                    |
| Clifford | BlackJax4 (G4)             | 908505 | 50-917             | n/a                        | n/a                         | n/a                    |
| Clifford | Bullet                     | NLA    | 60-067             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | Bullet 2                   | NLA    | 50-722?            | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | Bullet4 (G4)               | 908530 | 53-828             | 53-797-1                   | 53-803                      | 904100, 904075, 904085 |
| Clifford | Cabwatch                   | NLA    | n/a                | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | CallGuard                  | NLA    | 50-125             | N/A                        | N/A                         | n/a                    |
| Clifford | CarSafe                    | 908560 | 50-154             | N/A                        | N/A                         | n/a                    |
| Clifford | Centurion 100              | NLA    | 50-009             | N/A                        | N/A                         | n/a                    |
| Clifford | CliffAlarm                 | NLA    | 50-004-M           | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlarm AT              | NLA    | 50-025             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlarm DLX             | NLA    | 50-018             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlarm II              | NLA    | 50-042             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlert                 | NLA    | 50-023             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlert 2               | NLA    | 50-041             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffAlert 3               | NLA    | 50-052             | 60-347                     | 60-347                      | 904010                 |
| Clifford | CliffGuard                 | NLA    | 50-019             | n/a                        | n/a                         | n/a                    |
| Clifford | Concept 10                 | NLA    | 50-068             | 60-376                     | 60-376                      | 904015 not available   |
| Clifford | Concept 100 (G4)           | 908100 | 53-827             | 53-798-1                   | 53-798-1                    | 904100                 |
| Clifford | Concept 20                 | NLA    | 50-703             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Concept 200 (G4)           | 908110 | 53-828             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Concept 30                 | NLA    | 50-069             | 60-376                     | 60-376                      | 904015 not available   |
| Clifford | Concept 40                 | NLA    | 50-704             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Concept 400 (G4)           | 908130 | 50-829             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Concept 450 (G5)           | 909600 | n/a                | 904075                     | 904100                      | 904100, 904075         |

# CLIFFORD TRANSMITTER REPLACEMENT GUIDE

| Brand    | Model #                  | Part # | Alarm Brain Part # | Original Master Remote #   | Original Companion Remote # | Current Part #         |
|----------|--------------------------|--------|--------------------|----------------------------|-----------------------------|------------------------|
| Clifford | Concept 470              | 919600 | n/a                | 7151X (Directed seed code) | 7151X                       | 7141X, 7131X           |
| Clifford | Concept 550 (G5)         | 909620 | n/a                | 904075                     | 904075                      | 904075, 904085         |
| Clifford | Concept 50               | NLA    | 50-070             | 60-376                     | 60-376                      | 904015 not available   |
| Clifford | Concept 60               | NLA    | 50-705             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Concept 600 (G4)         | 908150 | 50-834             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Concept100UK (G4)        | 908101 | 53-825-01          | 53-798-1                   | 53-798-1                    | 904100                 |
| Clifford | Concept300UK (G4)        | 908121 | 53-756-01          | 53-798-1                   | 53-798-1                    | 904100                 |
| Clifford | Concept400UK (G4)        | 908131 | 53-829-01          | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Concept600UK (G4)        | 908151 | 53-834-01          | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Cyber1                   | NLA    | 50-085             | 60-347                     | 60-347                      | 904010                 |
| Clifford | Cyber1 Plus              | NLA    | 3-1233             | 60-347                     | 60-347                      | 904010                 |
| Clifford | Cyber2 (G4)              | 908200 | 53-851             | 53-792-2                   | 53-792-2                    | 904065                 |
| Clifford | Cyber3                   | NLA    | 50-086             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Cyber4 (G4)              | 908210 | 53-823             | 53-798-2                   | 53-798-2                    | 904100                 |
| Clifford | Cyber5                   | NLA    | 50-087             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Cyber9 (433MHz)          | NLA    | 53-743             | 60-384                     | 60-383                      | 904020 not available   |
| Clifford | Delta III                | NLA    | 50-032             | 60-347                     | 60-347                      | 904010                 |
| Clifford | Delta IV                 | NLA    | 50-037             | 60-347                     | 60-347                      | 904010                 |
| Clifford | EagleII (418Mhz)         | NLA    | 54-084             | 54-403                     | 54-403                      | not available          |
| Clifford | ElectroLoop              | NLA    | 60-561             | n/a                        | n/a                         | n/a                    |
| Clifford | GP500                    | 908500 | 53-840             | 53-792-3                   | 53-792-3                    | 904065                 |
| Clifford | Immobilizer              | NLA    | 50-078             | n/a                        | n/a                         | n/a                    |
| Clifford | Immobilizer              | NLA    | 50-155             | n/a                        | n/a                         | n/a                    |
| Clifford | Immobilizer              | NLA    | 50-497             | n/a                        | n/a                         | n/a                    |
| Clifford | IMS                      | NLA    | 50-004             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 100         | NLA    | 50-017             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 200         | NLA    | 50-039             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 300         | NLA    | 50-028             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 400         | NLA    | 50-040             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 500         | NLA    | 50-015             | 60-347                     | 60-347                      | 904010                 |
| Clifford | IntelliGuard 600         | NLA    | 50-030             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | IntelliGuard 600 (Ver 2) | NLA    | 50-044             | 60-348-8                   | 60-348-8                    | 904015 not available   |
| Clifford | IntelliGuard 6000 (G4)   | 908300 | 53-827             | 53-798-1                   | 53-798-1                    | 904100                 |
| Clifford | IntelliGuard 700         | NLA    | 50-071             | 60-372                     | 60-372                      | 904015 not available   |
| Clifford | IntelliGuard 700 IQ      | NLA    | 50-711             | 60-384                     | 60-384                      | 904020 not available   |
| Clifford | IntelliGuard 7000 (G4)   | 908310 | 53-828             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | IntelliGuard 750 (G5)    | 909621 | n/a                | 904075                     | 904075                      | 904075, 904085         |
| Clifford | IntelliGuard 770         | 919621 | n/a                | 7151X (Directed seed code) | 7151X                       | 7141X, 7131X           |
| Clifford | IntelliGuard 800         | NLA    | 50-072             | 60-372                     | 60-372                      | 904015 not available   |
| Clifford | IntelliGuard 800 IQ      | NLA    | 50-712             | 60-384                     | 60-384                      | 904020 not available   |
| Clifford | IntelliGuard 8000 (G4)   | 908320 | 53-829             | 53-797-1                   | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | IntelliGuard 850 (G5)    | 909631 | n/a                | 904075                     | 904075                      | 904075/904085          |
| Clifford | IntelliGuard 900         | NLA    | 50-073             | 60-372                     | 60-372                      | 904015 not available   |
| Clifford | IntelliGuard 900 IQ      | NLA    | 50-713             | 60-384                     | 60-384                      | 904020 not available   |
| Clifford | IntelliGuard 9000 (G4)   | 908330 | 53-834             | 53-797-1                   | 53-798-1                    | 904100, 904085, 904075 |
| Clifford | IntelliPage              | NLA    | 50-708             | 50-402                     | 50-402                      | 904010                 |
| Clifford | IntelliStart             | NLA    | 60-126             | N/A                        | N/A                         | n/a                    |
| Clifford | IntelliStart4 (G4)       | 909005 | 50-412             | N/A                        | N/A                         | n/a                    |
| Clifford | IntelliVoice             | NLA    | 50-076             | 60-372                     | 60-372                      | 904015 not available   |



# CLIFFORD TRANSMITTER REPLACEMENT GUIDE

| Brand    | Model #                  | Part # | Alarm Brain Part # | Original Master Remote # | Original Companion Remote # | Current Part #         |
|----------|--------------------------|--------|--------------------|--------------------------|-----------------------------|------------------------|
| Clifford | IntelliVoice IQ          | 905390 | 50-714             | 60-384                   | 60-384                      | 904020 not available   |
| Clifford | IntelliVoice4 (G4)       | 902140 | 50-593             | N/A                      | N/A                         | n/a                    |
| Clifford | IPS                      | NLA    | 50-007-4M          | 60-347                   | 60-347                      | 904010                 |
| Clifford | Marine Alert             | NLA    | 50-004-MA          | 60-347                   | 60-347                      | 904010                 |
| Clifford | Matrix (OLD)             | NLA    | 50-035             | 60-347                   | 60-347                      | 904010                 |
| Clifford | Millennia (G4)           | 908515 | 53-839-01          | 53-797-1                 | 53-798-1                    | 904100, 904075, 904085 |
| Clifford | Multi III                | NLA    | 5277               | 5635                     | 5635                        | 904010                 |
| Clifford | Multifeature 315Mhz      | NLA    | 5207               | 5617                     | 5617                        | not available          |
| Clifford | NightVision              | NLA    | 50-127             | n/a                      | n/a                         | n/a                    |
| Clifford | Nova                     | NLA    | 50-036             | 60-347                   | 60-347                      | 904010                 |
| Clifford | Nova 200LE               | 708040 | 530-0010           | 530-0012                 | 530-0012                    | not available          |
| Clifford | Nova 400LE               | 708045 | 530-0011           | 530-0012                 | 530-0012                    | not available          |
| Clifford | Nova III                 | NLA    | 50-051             | 60-347                   | 60-347                      | 904010                 |
| Clifford | Novell                   | NLA    | 50-034             | 60-347U                  | 60-347U                     | 904010                 |
| Clifford | OmniStart (G4)           | 909010 | 50-413             | 53-798-3                 | 53-798-3                    | 904100                 |
| Clifford | On Guard                 | NLA    | n/a                | 5637                     | 5637                        | 904010                 |
| Clifford | PageMate                 | NLA    | 60-491             | n/a                      | n/a                         | n/a                    |
| Clifford | Polaris                  | NLA    | 50-034-G           | 60-347U                  | 60-347-U                    | 904010                 |
| Clifford | Polaris 2                | NLA    | 50-077-G           | 60-347                   | 60-347                      | 904010                 |
| Clifford | Polaris4 (G4)            | 908520 | 53-851-02          | 53-792-2                 | 53-792-2                    | 904065                 |
| Clifford | QuickLock                | NLA    | 45-457             | 60-347-U                 | 60-347-U                    | 904010                 |
| Clifford | Remote Commander         | NLA    | 50-131             | 50-370                   | 50-370                      | 904015 not available   |
| Clifford | Remote Imm. RX (G4)      | NLA    | 50-841             | n/a                      | n/a                         | n/a                    |
| Clifford | RemoteStart              | NLA    |                    | n/a                      | n/a                         | n/a                    |
| Clifford | RoadBlock                | NLA    | 50-576             | n/a                      | n/a                         | n/a                    |
| Clifford | Sabre                    | NLA    | 50-060             | 60-370                   | 60-370                      | 904015 not available   |
| Clifford | Sabre 2                  | NLA    | 50-701             | 60-380                   | 60-380                      | 904020 not available   |
| Clifford | SE 1000 w/QuickLock      | NLA    | 50-022?            | 60-347-U                 | 60-347U                     | 904010                 |
| Clifford | SE 1000(no remote)       | NLA    | 50-022?            | n/a                      | n/a                         | n/a                    |
| Clifford | SE 1010                  | NLA    | 50-027             | 60-347U                  | 60-347U                     | 904010                 |
| Clifford | SE 1010+                 | NLA    | 50-045             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 1010X                 | NLA    | 60-057             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 2000                  | NLA    | 50-012-4M          | 60-347U                  | 60-347U                     | 904010                 |
| Clifford | SE 2020                  | NLA    | 50-029             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 2020+                 | NLA    | 50-048             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 2020X                 | NLA    | 60-058             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 3000                  | NLA    | 50-020             | 60-347                   | 60-347                      | 904010                 |
| Clifford | SE 3030                  | NLA    | 50-033             | 60-348-8                 | 60-348-8                    | 904015 not available   |
| Clifford | SE 3030+                 | NLA    | n/a                | 60-348-8                 | 60-348-8                    | 904015 not available   |
| Clifford | SE 4000                  | NLA    | 50-055             | 60-376                   | 60-376                      | 904015 not available   |
| Clifford | SE 5000                  | NLA    | 50-056             | 60-376                   | 60-376                      | 904015 not available   |
| Clifford | Sense & Tell             | NLA    | 50-569             | n/a                      | n/a                         | n/a                    |
| Clifford | Sense & Tell 3           | NLA    | 50-581             | n/a                      | n/a                         | n/a                    |
| Clifford | Sense & Tell 4           | NLA    | 50-584             | n/a                      | n/a                         | n/a                    |
| Clifford | Smart Remote Starter     | NLA    | 45-013             | 60-347                   | 60-347                      | 904010                 |
| Clifford | Smart Remote Starter II  | NLA    | 50-113             | 60-347                   | 60-347                      | 904010                 |
| Clifford | Smart Remote Starter III | NLA    | 50-150             | 60-382                   | 60-382                      | 904015 not available   |
| Clifford | SmartWindows             | NLA    | 45-011             | n/a                      | n/a                         | n/a                    |
| Clifford | SmartWindows2            | 903000 | 50-111             | n/a                      | n/a                         | n/a                    |
| Clifford | SmartWindows4 (G4)       |        | 50-293             | n/a                      | n/a                         | n/a                    |
| Clifford | Solaris (G4)             | 908545 | 53-910-1           | 53-797-1                 | 53-798-3                    | 904100, 904075, 904085 |

# CLIFFORD TRANSMITTER REPLACEMENT GUIDE

| Brand                  | Model #              | Part # | Alarm Brain Part #     | Original Master Remote # | Original Companion Remote #                           | Current Part #  |
|------------------------|----------------------|--------|------------------------|--------------------------|---|---|
| Clifford               | Solaris5 (G5)        | 909610 | n/a                    | 904075                   | 904075  | 904075, 904085  |
| Clifford               | StingRay1 Plus       | NLA    | 3-1234                 | 60-384                   | 60-384  | 904020 not available                                  |
| Clifford               | Super III            | NLA    | 50-003-4M              | 60-347                   | 60-347  | 904010  |
| Clifford               | Super IPS            | NLA    | 50-024                 | 60-347                   | 60-347  | 904010  |
| Clifford               | Super IPS II         | NLA    | 50-043                 | 60-347                   | 60-347  | 904010  |
| Clifford               | Super IPS III        | NLA    | 50-053                 | 60-347                   | 60-347  | 904010  |
| Clifford               | SuperNova            | NLA    | 50-062                 | 60-370                   | 60-370  | 904010  |
| Clifford               | SuperNova II         | 904015 | 50-702                 | 60-380                   | 60-380  | 904015 not available                                  |
| Clifford               | Supp. Relay Module   | NLA    | 50-707-2               | n/a                      | n/a   | n/a   |
| Clifford               | Supreme3             | NLA    | n/a                    | n/a                      | n/a   | not available   |
| Clifford               | System 1 Model 7     | NLA    | 50-001                 | n/a                      | n/a   | not available   |
| Clifford               | System II            | NLA    | 50-002                 | n/a                      | n/a   | not available   |
| Clifford               | System III           | NLA    | 50-003                 | 60-305                   | 60-305  | 904010  |
| Clifford               | Tazor                | NLA    | 50-066                 | 60-347                   | 60-347  | 904010  |
| Clifford               | Tazor 2              | NLA    | 50-721                 | 60-347                   | 60-347  | 904010  |
| Clifford               | Tazor4 (G4)          | 908525 | 53-824-3               | 53-803                   | 53-803  | 904090  |
| Clifford               | Tilt Sensor          | NLA    | 60-537                 | n/a                      | n/a   | n/a   |
| Clifford               | Trident              | NLA    | 50-034-G               | 60-347U                  | 60-347U   | 904010  |
| Clifford               | Ultra3               | NLA    | n/a                    | n/a                      | n/a   | not available   |
| Clifford               | VirtualKey2          | 905350 | n/a                    | 60-224                   | 60-224  | not available   |
| Clifford               | VirtualLink          | 905355 | 50-452                 | n/a                      | n/a   | n/a   |
| Clifford               | Window Roll Up (AVI) | NLA    | 6704                   | n/a                      | n/a   | n/a   |
| Clifford               | Window Roll Up (CEI) | NLA    | 60-567                 | n/a                      | n/a   | n/a   |
| Clifford               | XL 100               | NLA    | 50-157                 | n/a                      | n/a   | n/a   |
| Clifford               | XL 1000              | NLA    | 50-074                 | 60-347                   | 60-347  | 904010  |
| Clifford               | XL 2000              | NLA    | 50-065                 | 60-348-8                 | 60-348-8  | 904015 not available                                  |
| Clifford               | XL 4000              | 905385 | 50-706                 | 60-384                   | 60-384  | 904020 not available                                  |
| Clifford               | XL 500               | 908550 | 50-077                 | 60-347                   | 60-347  | 904010  |
| Clifford               | XL 4000              | 905385 | 50-706                 | 60-384                   | 60-384  | 904020 not available                                  |
| Clifford               | XL 500               | 908550 | 50-077                 | 60-347                   | 60-347  | 904010  |
| Clifford               | XL 2000              | NLA    | 50-065                 | 60-348-8                 | 60-348-8  | 904015 not available                                  |
| Clifford               | XL 4000              | 905385 | 50-706                 | 60-384                   | 60-384  | 904020 not available                                  |
| Clifford               | XL 500               | 908550 | 50-077                 | 60-347                   | 60-347  | 904010  |
| <b>CLIFFORD MATRIX</b> |                      |        |                        |                          |   |   |
| Clifford Matrix        | 4203X                | n/a    | 7211X                  | 7211X                    | 7211X   | 7211X   |
| Clifford Matrix        | 909429               | n/a    | 904065                 | 904065                   | 904065  | 904065  |
| Clifford Matrix        | 3105X                | n/a    | 7142X                  | 7142X                    | 7142X   | 7142X   |
| Clifford Matrix        | 3305X                | n/a    | 7341X                  | 7142X                    | 7341X, 7142X (1way)                                   | 7341X, 7142X (1way)                                   |
| Clifford Matrix        | 909439               | n/a    | 904100                 | 904100                   | 904100  | 904100  |
| Clifford Matrix        | 909449               | n/a    | 904100                 | 904100                   | 904100  | 904100  |
| Clifford Matrix        | 909552               | n/a    | 904090                 | 904090                   | 904100  | 904100  |
| Clifford Matrix        | 919562               | n/a    | 904100                 | 904100                   | 904100  | 904100  |
| Clifford Matrix        | 919562L              | n/a    | 7641X                  | 7641X                    | 7641X   | 7641X   |
| Clifford Matrix        | 4102X                | n/a    | 7153X                  | 7153X                    | 7153X, 7152X*, 7251X*, 7351X*, 7652X*, 7752X*, 7941X* | 7153X, 7152X*, 7251X*, 7351X*, 7652X*, 7752X*, 7941X* |
| Clifford Matrix        | 919572               | n/a    | 487X (Date code 4G-4K) | 904100                   | 904100, 487X  | 904100, 487X  |
| Clifford Matrix        | 919572               | n/a    | 488X (Date code 5G-6L) | 904100                   | 904100, 488X, 487X                                    | 904100, 488X, 487X                                    |
| Clifford Matrix        | 4202X                | n/a    | 7251X                  | 7152X                    | 7152X, 7153X, 7251X, 7351X*, 7652X*, 7752X*, 7941X*   | 7152X, 7153X, 7251X, 7351X*, 7652X*, 7752X*, 7941X*   |
| Clifford Matrix        | 919542               | n/a    | 479X                   | 472X (NLA)               | 472, 479X   | 472, 479X   |

# CLIFFORD TRANSMITTER REPLACEMENT GUIDE

| Brand           | Model #          | Part #             | Alarm Brain Part #         | Original Master Remote # | Original Companion Remote #                           | Current Part #  |
|-----------------|------------------|--------------------|----------------------------|--------------------------|---|---|
| Clifford Matrix | 5102X            | n/a                | 7153X                      | 7153X                    | 7153X, 7152X*, 7251X*, 7351X*, 7652X*, 7752X*, 7941X* | 7153X, 7152X*, 7251X*, 7351X*, 7652X*, 7752X*, 7941X* |
| Clifford Matrix | 919437           | n/a                | 487X                       | 904100                   | 904100, 487X  | 904100, 487X  |
| Clifford Matrix | 919434           | n/a                | 479X                       | 472X (NLA)               | 472, 479X   | Type  |
| Clifford Matrix | 909553           | n/a                | 904090                     | 904090                   | 904100  | 472, 479X   |
| Clifford Matrix | 919563           | n/a                | 904100                     | 904100                   | 904100  | 904100  |
| Clifford Matrix | 919554           | n/a                | n/a                        | 478X                     | 479X, 472X (NLA)                                      | 904100  |
| Clifford Matrix | 919567           | n/a                | 487X (Date code 4G-4I)     | 904100                   | 904100, 487X  | 479X, 472X (NLA)                                      |
| Clifford Matrix | 919567           | n/a                | 488X (Date code 5I-6J)     | 904100                   | 904100, 488X, 487X                                    | 904100, 487X  |
|                 | 5202X            | n/a                | 7251X                      | 7152X                    | 7152X, 7153X, 7251X, 7351X*, 7652X*, 7752X*, 7941X*   | 904100, 488X, 487X                                    |
| Clifford Matrix | 919564           | n/a                | 479X                       | 472X (NLA)               | 472, 479X   | 7152X, 7153X, 7251X, 7351X*, 7652X*, 7752X*, 7941X*   |
| Clifford Matrix | 4301X            | n/a                | 7701X, 7642X (1way)        | N/A                      | 7701X, 7642X (1way)                                   | 472, 479X   |
| Clifford Matrix | 4702X            | n/a                | 7752X                      | 7652X                    | 7652X (1 way), 7752X, 7941X                           | 7701X, 7642X (1way)                                   |
| Clifford Matrix | 5301X            | n/a                | 7701X, 7642X (1way)        | N/A                      | 7701X, 7642X (1way)                                   | 7652X (1 way), 7752X, 7941X                           |
| Clifford Matrix | 5702X            | n/a                | 7752X                      | 7652X                    | 7652X (1 way), 7752X, 7941X                           | 7701X, 7642X (1way)                                   |
| Clifford Matrix | 5501C            | n/a                | n/a                        | 7541X                    | 7151X, 7141X, 7131X                                   | 7652X (1 way), 7752X, 7941X                           |
| Clifford Matrix | 3101X            | n/a                | 904100                     | 904100                   | 904100  | 7151X, 7141X, 7131X                                   |
| Clifford Matrix | 3201X            | n/a                | 488X                       | 904100                   | 904100, 488X  | 904100  |
| Clifford Matrix | 3301X            | n/a                | 489X                       | 904100                   | 904100, 489x  | 904100, 488X  |
| Clifford Matrix | 3102X            | n/a                | 7141X                      | 7141X                    | 7131X, 7151X  | 904100, 489x  |
| Clifford Matrix | 3202X            | n/a                | 488XD (Directed seed code) | 7141X                    | 7131X, 7151X  | 7131X, 7151X  |
| Clifford Matrix | 3302X            | n/a                | 489XD (Directed seed code) | 7141X                    | 7131X, 7151X  | 7131X, 7151X  |
| Clifford Matrix | 3203x            | n/a                | 7251X                      | 7153X                    | 7351X   | 7131X, 7151X  |
| Clifford Matrix | 3303X            | n/a                | 7351X                      | 7153X                    | 7251X   | 7351X   |
| Clifford Matrix | 5902X            | n/a                | 7941X                      | 7652X                    | 7652X (1 way), 7752X, 7941X                           | 7251X   |
| Prime           |                  |                    |                            |                          |   |   |
| Prime           | AMX 38 (keyless) | NLA                | 5013                       | 5659-4                   | 5659-4  | 904010  |
| Prime           | AMX 58           | NLA                | 5274                       | 5633                     | 5633  | 904010  |
| Prime           | AMX 6            | NLA                | 5275                       | 5603                     | 5603  | 904010  |
| Prime           | AMX 66           | NLA                | 5276                       | 5634                     | 5634  | 904010  |
| Prime           | AMX 68           | NLA                | 5303-1145                  | 5634                     | 5634  | 904010  |
| Prime           | AMX 682          | NLA                | 5303-1245                  | 5656                     | 5656  | 904010  |
| Prime           | AMX 7            | NLA                | 5246                       | 5634                     | 5634  | 904010  |
| Prime           | AMX 77           | NLA                | 5303-1025                  | 5634                     | 5634  | 904010  |
| Prime           | AMX 78           | NLA                | 5303-1155                  | 5634                     | 5634  | 904010  |
| Prime           | AMX 78 433Mhz    | NLA                | 5433-1155                  | 5629                     | 5629  | 804150 not available                                  |
| Prime           | AMX 782          | NLA                | 5303-1255                  | 5656                     | 5656  | 904010  |
| Prime           | AMX 8            | NLA                | 5256                       | 5634                     | 5634  | 904010  |
| Prime           | AMX 8            | NLA                | 5255                       | 5603                     | 5603  | 904010  |
| Prime           | AMX 88           | NLA                | 5303-1035                  | 5629                     | 5629  | 904020 not available                                  |
| Prime           | AMX 98           | NLA                | 5303-1175                  | 5649                     | 5649  | 904010  |
| Prime           | AMX 982          | NLA                | 5303-1275                  | 5652                     | 5652  | not available   |
| Prime           | Prime Level 1    | 708050/DLUX 708075 | 53-919                     | n/a                      | n/a   | n/a   |
| Prime           | Prime Level 2    | 708055/DLUX 708080 | 50-921                     | 53-807                   | 53-807-1  | 904100  |
| Prime           | Prime Level 3    | 708065/DLUX 708085 | 53-923                     | n/a                      | n/a   | n/a   |

\* With upgraded IVU

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand    | Model Number | Part Number | Date Code    | Original Remote                       | Compatible Remote(s) | Alternate Remote(s) | Type    |
|----------|--------------|-------------|--------------|---------------------------------------|----------------------|---------------------|---------|
| Automate |              |             |              |                                       |                      |                     |         |
| Automate | Auto-key     | 703M        | 6G - 6I      | 499T (No Longer Available)            | None                 |                     | scratch |
| Automate | 1            | 705A        | 4A - 6D      | None/uses fac remote                  | Factory OEM Remote   |                     | learn   |
| Automate | 1            | 700A        | 6D - up      | None/uses fac remote                  | Factory OEM Remote   |                     | learn   |
| Automate | 2            | 420A        | 2K - 4H      | 493T                                  | None                 |                     | learn   |
| Automate | 2            | 710A        | 5J - 6F      | 493C                                  | 493T                 |                     | learn   |
| Automate | 2            | 710A        | 6G - 7D      | 493C                                  | 493T,484T            |                     | learn   |
| Automate | 2 HF         | 710A        | 7E - up      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | learn   |
| Automate | 2            | 2102A       | 7G - current | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | 3            | 430A        | Up to 2B     | 465T                                  | None                 |                     | learn   |
| Automate | 3            | 430A        | 2C - 6C      | 493T                                  | None                 |                     | N/A     |
| Automate | 3+           | 432A        | 5L - 7E      | 493C                                  | 493T,484T            |                     | N/A     |
| Automate | 3+ HF        | 432A        | 7F - 8E      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | N/A     |
| Automate | 4            | 440A        | Up to 2J     | 465T                                  | None                 |                     | N/A     |
| Automate | 4            | 440A        | 3D - 4L      | 493T                                  | None                 |                     | N/A     |
| Automate | 5            | 435A        | 2E - 4F      | 493T                                  | None                 |                     | scratch |
| Automate | 5+           | 437A        | 3L - 5K      | 493C                                  | 493T, 484T           |                     | learn   |
| Automate | 5+           | 437A        | 5L - 7E      | 493C                                  | 493T,484T            |                     | scratch |
| Automate | 5+ HF        | 437A        | 7F - up      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | scratch |
| Automate | 5 HF         | 438A        | 4D - 7C      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | N/A     |
| Automate | 6            | 445A        | Up to 3B     | 465T                                  | None                 |                     | learn   |
| Automate | 6            | 445A        | 3E - 5A      | 493T                                  | None                 |                     | learn   |
| Automate | 6 HF         | 448A        | 4I - 6H      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | N/A     |
| Automate | 6 HF         | 448A        | 7C - 7G      | 485T (No Longer Available)            | 485M, 491C (NLA)     |                     | scratch |
| Automate | 7            | 280A        | All          | 465T                                  | None                 |                     | learn   |
| Automate | 7 HF         | 553A        | 6B - 6K      | 491T (No Longer Available)            | 485M, 491C (NLA)     |                     | learn   |
| Automate | 7 HF         | 553A        | 7C - 8E      | 485T (No Longer Available)            | 485M, 491C (NLA)     |                     | N/A     |
| Automate | 8            | 281T        | All          | 465T                                  | None                 |                     | scratch |
| Automate | 410          | 410A        | All          | 471T                                  | 474A, 473A, 471C     |                     | learn   |
| Automate | 415          | 415A        | All          | None/uses fac remote                  | Factory OEM Remote   |                     | scratch |
| Automate | 417          | 417A        | All          | None/uses fac remote                  | Factory OEM Remote   |                     | scratch |
| Automate | 425          | 425A        | 8I - up      | 475Q (No Longer Available)            | 474A, 473A, 471C     |                     | scratch |
| Automate | 435          | 435A        | 8I - up      | 475Q (No Longer Available)            | 474A, 473A, 471C     |                     | scratch |
| Automate | 552          | 552A        | All          | 476A (No Longer Available)            | 474A, 473A, 471C     |                     | learn   |
| Automate | 553          | 553A        | 6B - 8L      | 485T (No Longer Available)            | 485M, 491C (NLA)     |                     | N/A     |
| Automate | 553          | 553A        | 9B - up      | 476A (No Longer Available)            | 474A, 473A, 471C     |                     | scratch |
| Automate | AM1          | 427A        | 3L - up      | None/uses fac remote                  | 474A, 473A, 471C *   |                     | scratch |
| Automate | 1            | 3001A       | all          | None/uses fac remote                  | 474A, 473A, 471C *   |                     | learn   |
| Automate | AM2          | 416A        | All          | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | AM2          | 2102A       | 7G - current | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | AM6          | 562A        | All          | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | AM6.2        | 4101A       | 7H - current | 7111A                                 | 7111A                |                     | learn   |
| Automate | AM7          | 563A        | 3H - up      | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | AM7          | 5103A       | All          | 474A                                  | 473A, 471C           |                     | learn   |
| Automate | AM9          | 564A        | All          | 477A, 474A                            | 473A, 471C           |                     | learn   |
| Automate | AM9          | 5303A       | All          | 477A, 474A                            | 473A, 471C           |                     | scratch |
| Automate | AM14         | 4301A       | All          | 7301A (TRX722A) (No Longer Available) | 7301A (TRX722A)      |                     | learn   |
| Automate | AM15         | 4311A       | All          | 7301A (TRX722A) (No Longer Available) | 7301A (TRX722A)      |                     | learn   |
| Automate | 3901T        | 3901T       | All          | None/uses fac remote                  | Factory OEM Remote   |                     | learn   |
| Automate | 3902T        | 3902T       | All          | None/uses fac remote                  | Factory OEM Remote   |                     | learn   |
| Automate | 3903T        | 3903T       | All          | None/uses fac remote                  | Factory OEM Remote   |                     | N/A     |

\* Need to add an external receiver to use aftermarket remotes

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand            | Model Number | Part Number | Date Code | Original Remote            | Compatible Remote(s) | Alternate Remote(s) | Type    |
|------------------|--------------|-------------|-----------|----------------------------|----------------------|---------------------|---------|
| <b>Automate</b>  |              |             |           |                            |                      |                     |         |
| Automate         | SSKR (All)   | 3902T       | All       | Not included in kit        | 471A, 471C           |                     | N/A     |
| Automate         | 3903T        | 3903T       | All       | None/uses fac remote       | Factory OEM Remote   |                     | N/A     |
| Automate         | SSKR (All)   |             | All       | Not included in kit        | 471A, 471C           |                     | learn   |
| <b>Boa</b>       |              |             |           |                            |                      |                     |         |
| Boa              | 105B         | 105B        | All       | 474B                       | None                 |                     | learn   |
| Boa              | 165B         | 165B        | All       | 474B                       | None                 |                     | learn   |
| Boa              | 175B         | 175B        | All       | 475B                       | None                 |                     | learn   |
| Boa              | 265B         | 265B        | All       | 474B                       | None                 |                     | learn   |
| Boa              | 275B         | 275B        | All       | 475B                       | None                 |                     | learn   |
| Boa              | 500          | 500B        | All       | 473B                       | None                 |                     | learn   |
| <b>Equalizer</b> |              |             |           |                            |                      |                     |         |
| Equalizer        | 1            | 723E        | 6E        | 493T                       | None                 |                     | scratch |
| Equalizer        | 1            | 725B        | All       | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Equalizer        | 2            | 432E        | 6A        | 493C                       | 493T, 484T           |                     | learn   |
| Equalizer        | 3            | 437E        | 5H        | 493C                       | 493T, 484T           |                     | learn   |
| Equalizer        | 3            | 703T        | 6G - 6I   | 499T (No Longer Available) | None                 |                     | learn   |
| <b>Hornet</b>    |              |             |           |                            |                      |                     |         |
| Hornet           | 121T         | 121T        | 4C - 6J   | 493T                       | None                 |                     | scratch |
| Hornet           | 553T         | 553T        | 7H - 8B   | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Hornet           | 553T         | 555T        | 9B - up   | 475Q (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Hornet           | 554T         | 554T        | All       | 477T, 474T                 | 473T, 471C           |                     | learn   |
| Hornet           | 560T         | 560T        | All       | 479H                       | 479H                 |                     | learn   |
| Hornet           | 563T         | 563T        | All       | 474T                       | 473T, 471C           |                     | learn   |
| Hornet           | 564T         | 564T        | All       | 477T, 474T                 | 473T, 471C           |                     | learn   |
| Hornet           | 569T         | 569T        | All       | 471H                       | 471H, 471C           |                     | learn   |
| Hornet           | 570T         | 570T        | All       | 471T                       | 471C                 |                     | learn   |
| Hornet           | 700J         | 700J        | All       | None/uses fac remote       | Factory OEM Remote   |                     | N/A     |
| Hornet           | 700T         | 700T        | 6A - up   | None/uses fac remote       | Factory OEM remote   |                     | N/A     |
| Hornet           | 705T         | 705T        | 4G - 6A   | None/uses fac remote       | Factory OEM remote   |                     | N/A     |
| Hornet           | 706T         | 706T        | 4A        | No remote/ NOT RF          | N/A                  |                     | N/A     |
| Hornet           | 707T         | 707T        | 2F - 4A   | No remote/ NOT RF          | N/A                  |                     | N/A     |
| Hornet           | 710T         | 710T        | Up to 7J  | 465T                       | None                 |                     | scratch |
| Hornet           | 710T         | 415T        | 8A - up   | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Hornet           | 715T         | 715T        | All       | 465T                       | None                 |                     | scratch |
| Hornet           | 717T         | 717T        | 2G - 3D   | 465T                       | None                 |                     | scratch |
| Hornet           | 718T         | 718T        | 2E - 4A   | NLA                        | None                 |                     | N/A     |
| Hornet           | 718T         | 718T        | 4F - 6D   | 493T                       | None                 |                     | learn   |
| Hornet           | 718T         | 718T        | 6G - 7B   | 493C                       | 493T                 |                     | learn   |
| Hornet           | 719T         | 719T        | 2C - 3B   | NLA                        | None                 |                     | N/A     |
| Hornet           | 719T         | 719T        | 3D - 6D   | 493T                       | None                 |                     | scratch |
| Hornet           | 719T         | 719T        | 6F - 7C   | 492T                       | 493T                 |                     | learn   |
| Hornet           | 719T         | 719T        | 7D - 7J   | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Hornet           | 720T         | 720T        | 2C - 3C   | NLA                        | None                 |                     | N/A     |
| Hornet           | 720T         | 720T        | 3E - 6A   | 493T                       | None                 |                     | scratch |
| Hornet           | 720T         | 720T        | 7J - up   | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Hornet           | 721T         | 721T        | 2J - 2L   | (No Longer Available)      | 493T                 |                     | scratch |
| Hornet           | 721T         | 721T        | 2J - 5E   | 493T                       | None                 |                     | scratch |
| Hornet           | 722T         | 722T        | 2H - 4G   | 493T                       | None                 |                     | scratch |
| Hornet           | 723T         | 723T        | 5G - 7E   | 493T                       | None                 |                     | scratch |
| Hornet           | 725T         | 725T        | 7G - up   | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Hornet           | 727T         | 727T        | All       | No remote/ NOT RF          | 474T, 473T, 471C *   |                     | N/A     |

\*Need to add an external receiver to use aftermarket remotes

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand         | Model Number         | Part Number | Date Code | Original Remote            | Compatible Remote(s)         | Alternate Remote(s)                  | Type    |
|---------------|----------------------|-------------|-----------|----------------------------|------------------------------|--------------------------------------|---------|
| Hornet        | 730T                 | 730T        | 2E - 3K   | 465T                       | None                         |                                      | scratch |
| Hornet        | 730T                 | 730T        | 3K-1 - 7A | 493T                       | None                         |                                      | scratch |
| Hornet        | 730T                 | 730T        | 7G - up   | 491T (No Longer Available) | 485M, 491C (NLA)             |                                      | learn   |
| Hornet        | 732T                 | 732T        | 6C - 7E   | 493C                       | 484T                         |                                      | learn   |
| Hornet        | 732T                 | 732T        | 6C - 7E   | 493C                       | 484T                         |                                      | learn   |
| Hornet        | 735T                 | 732T        | 7J - 8E   | 491T (No Longer Available) | 485M, 491C (NLA)             |                                      | learn   |
| Hornet        | 737T                 | 735T        | 4C - 4G   | 493T                       | None                         |                                      | scratch |
| Hornet        | 740T                 | 737T        | 4I - 5J   | 493C                       | 493T, 484T                   |                                      | learn   |
| Hornet        | 740T                 | 281T        | All       | 465T                       | None                         |                                      | learn   |
| Hornet        | 742T                 | 740T        | 4K - up   | 473T                       | 474T, 471C                   |                                      | learn   |
| Hornet        | 745T                 | 742T        | All       | 474T                       | 473T, 471C                   |                                      | learn   |
| Hornet        | 748T                 | 745T        | All       | 477T, 474T                 | 473T, 471C                   |                                      | learn   |
| Hornet        | 755T                 | 748T        | 8L - 9A   | 491T (No Longer Available) | 485M, 491C (NLA)             |                                      | learn   |
| Hornet        | 851T                 | 755T        | 2B - 4G   | 465T                       | None                         |                                      | scratch |
| Hornet        | 851T                 | 851T        | All       | 471T                       | 471T                         |                                      |         |
| <b>Merlin</b> |                      |             |           |                            |                              |                                      |         |
| Merlin        | 2000                 | 122T        | All       | 470T                       | 471C                         |                                      | learn   |
| Merlin        | 3000                 | 225T        | All       | 482T, 473B                 | None                         |                                      | learn   |
| <b>Python</b> |                      |             |           |                            |                              |                                      |         |
| Python        | Python Responder One | 4203P       | All       | 7211P                      | 7211P                        |                                      | learn   |
| Python        | 55                   | 723B        | 6J - 7E   | 493T                       | None                         |                                      | scratch |
| Python        | 60                   | 261P        | 2K - 4H   | 493T                       | None                         |                                      | scratch |
| Python        | 60                   | 430P        | 4I - 6H   | 493T                       | None                         |                                      | scratch |
| Python        | 70                   | 271P        | 2L - 5C   | 484T                       | 493C, 493T                   |                                      | learn   |
| Python        | 80                   | 281P        | 2L - 5C   | 484T                       | 493C, 493T                   |                                      | learn   |
| Python        | 90                   | 291P        | 2K - 4L   | 484T                       | None                         |                                      | learn   |
| Python        | 323                  | 3203P       | All       | 7251P, 7153P               | 7251P, 7153P                 | 7351P                                | learn   |
| Python        | 333                  | 3303P       | All       | 7351P, 7153P               | 7351P, 7153P                 | 7251P                                | learn   |
| Python        | 400 HF               | 410P        | 8G - up   | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 413                  | 4103P       | All       | 474P                       | 473P, 471C                   | 7141P, 7142P                         | learn   |
| Python        | 440 HP               | 416P        | All       | 474P                       | 473P, 471C                   | 7141P, 7142P                         | learn   |
| Python        | 450 HF               | 552P        | 7H - 8L   | 491T (No Longer Available) | 485M, 491C (NLA)             |                                      | learn   |
| Python        | 450 ESP              | 552P        | 9B - 0I   | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 450 ESP              | 552P        | 0J - up   | 476P (No Longer Available) | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 460 HP               | 426P        | All       | 473P                       | 474P, 471C                   | 7141P, 7142P                         | learn   |
| Python        | Responder 460        | 3305P       | All       | 7341P, 7142P               | 7341P, 7142P                 | 474P, 7141P                          | learn   |
| Python        | 460 Max              | 3105P       | All       | 7142P                      | 7142P                        | 474P, 7141P                          | learn   |
| Python        | 500                  | 3101P       | All       | 474P                       | 473P, 471C                   | 7142P                                | learn   |
| Python        | 502                  | 3102P       | All       | 7141P                      | 474P, 473P, 471C             | 7142P                                | learn   |
| Python        | 571XP                | 572P        | 4G - 4K   | 487P                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 571XP                | 572P        | 5J - 6K   | 488P                       | 487P, 488P, 474P, 473P, 471C | 7141P, 7142P                         | learn   |
| Python        | 580                  | 4202P       | All       | 7251P, 7152P               | 7153P                        | 7153P, 7351P, 7652P*, 7752P*, 7941P* | learn   |
| Python        | 581XP                | 542P        | All       | 479P                       | 472P (NLA)                   |                                      | learn   |
| Python        | 592                  | 5902P       | All       | 7941P (HD), 7652P (1way)   | 7941P, 7652P                 | 7752P                                | learn   |
| Python        | PC 650 HF(ESP)       | 429T        | 9A - up   | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 625 HF               | 430P        | 8D - up   | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 650                  | 432P        | 5L - 7E   | 493C                       | 493T, 484T                   |                                      | learn   |
| Python        | 650 HF               | 432P        | 7F - 8B   | 491T (No Longer Available) | 485M, 491C (NLA)             |                                      | learn   |
| Python        | 650 HF               | 432P        | 8B - up   | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                         | learn   |
| Python        | 660 HP               | 436P        | All       | 474P                       | 473P, 471C                   | 7141P, 7142P                         | learn   |

\* With upgraded IVU



# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand            | Model Number    | Part Number | Date Code   | Original Remote            | Compatible Remote(s)         | Alternate Remote(s)                           | Type    |
|------------------|-----------------|-------------|-------------|----------------------------|------------------------------|---|---------|
| Python           | 671 XP          | 437P        | All         | 487P                       | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 680 XP          | 434P        | All         | 479P                       | 472P (NLA)                   |   | learn   |
| Python           | 700             | 3201P       | All         | 488P, 474P                 | 473P, 471C                   | 7141P, 7142P                                  | learn   |
| Python           | 702             | 3202P       | All         | 488P, 7141P                | 474P, 473P, 471C             | 7142P   | learn   |
| Python           | 750             | 437P        | 5B - 5K     | 493C                       | 493T, 484T                   |   | learn   |
| Python           | 750             | 437P        | 5L - 7C     | 493C                       | 493T, 484T                   |   | learn   |
| Python           | 871 XP          | 567P        | 4E - 4I     | 487P                       | 487P, 474P, 473P, 471C       | 7141P, 7142P                                  | learn   |
| Python           | 871 XP          | 567P        | 5E - 6I     | 488P                       | 487P, 488P, 474P, 473P, 471C | 7141P, 7142P                                  | learn   |
| Python           | 872             | 5202P       | All         | 7251P, 7152P               | 7153P                        | 7153P, 7351P, 7652P*, 7752P*, 7941P*          | learn   |
| Python           | 880XP           | 554P        | All         | 478P (No Longer Available) | 479P, 472P (NLA)             |   |         |
| Python           | 881XP           | 564P        | All         | 479P                       | 472P (NLA)                   |   | learn   |
| Python           | 900             | 3301P       | All         | 489P, 474P                 | 487P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 902             | 3302P       | All         | 489P, 7141P                | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 950             | 4301P       | All         | 7701P                      | 7701P, 7642P (1way)          |   | learn   |
| Python           | 951             | 4702P       | All         | 7752P, 7652P               | 7752P, 7652P (1way)          |   | learn   |
| Python           | 990             | 5301P       | All         | 7701P                      | 7701P, 7642P (1way)          |   | learn   |
| Python           | 991             | 5702P       | All         | 7752P, 7652P               | 7752P, 7652P (1way)          | 7941P   | learn   |
| Python           | 1000 HF         | 268P        | 4F-4H       | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 1000 HF         | 438P        | 4G - 8B (a) | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 1000 HF         | 438P        | 8B - up     | 471T                       | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | PC 1000 HF(ESP) | 439P        | 7J - up     | 475T (No Longer Available) | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 1090            | 5501P       | All         | 7541P                      | 7141P, 474P, 473P, 471C      | 7142P   | learn   |
| Python           | 1200 HP         | 561P        | All         | 473P                       | 473P, 471C                   |   | learn   |
| Python           | 1400XP          | 562P        | All         | 474P                       | 473P, 471C                   | 7141P, 7142P                                  | learn   |
| Python           | 1400 XPL        | 562PL       | All         | 7641P                      | 7641P                        |   | learn   |
| Python           | 1401            | 4102P       | ALL         | 7153P                      | 7153P                        | 7152P, 7251P*, 7351P*, 7652P*, 7752P*, 7941P* | learn   |
| Python           | 1500 HF         | 553P        | 5J - 7C     | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 1500 HF         | 553P        | 7C - 7L     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 1500 HF         | 553P        | 8D - 8I     | 475T (No Longer Available) | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 1500 HF(ESP)    | 553P        | 9B - up     | 475Q (No Longer Available) | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| Python           | 1600 XP         | 563P        | All         | 474P                       | 473P, 471C                   | 7141P, 7142P                                  | learn   |
| Python           | 1601            | 5102P       | All         | 7153P                      | 7152P                        | 7152P, 7251P*, 7351P*, 7652P*, 7752P*, 7941P* | learn   |
| Python           | 2000 HF         | 371P        | 6A - 6F     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 3000 HF         | 381P        | 5H - 6H     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 3000 HF         | 381P        | 6I - 7E     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | 3000 HF         | 381P        | 7F - 7L     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Python           | PC 3000 HF      | 381P        | 8B - 8G     | 475T (No Longer Available) | 474P, 473P, 471C             | 7141P, 7142P                                  | learn   |
| <b>Pro Guard</b> |                 |             |             |                            |                              |   |         |
| Pro Guard        | 2300            | 723G        | 6D - 6F     | 493T                       | None                         |   | scratch |
| Pro Guard        | 2500            | 725G        | ALL         | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Pro Guard        | 4700            | 437B        | 5B - 5G     | 493C                       | 493T, 484T                   |   | learn   |
| Pro Guard        | 4800            | 438B        | 5B - 5H     | 493C                       | 493T, 484T                   |   | learn   |
| Pro Guard        | 7100            | 271B        | 2L - 5A     | 493C                       | 493T, 484T                   |   | learn   |
| <b>Rattler</b>   |                 |             |             |                            |                              |   |         |
| Rattler          | 100             | 411r        | All         | 471T                       | 473T, 471C                   |   | learn   |
| Rattler          | 110D            | 312R        | All         | 473R                       | 473T, 471C                   |   | learn   |
| Rattler          | 210D            | 322R        | All         | 473R                       | 473T, 471C                   |   | learn   |
| Rattler          | 310D            | 332R        | All         | 473R                       | 473T, 471C                   |   | learn   |
| Rattler          | 359D            | 359R        | All         | 471T                       | 473T, 471C                   |   | learn   |
| Rattler          | 369D            | 369R        | All         | 473R                       | 473T, 471C                   |   | learn   |

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand                | Model Number   | Part Number | Date Code     | Original Remote            | Compatible Remote(s) | Alternate Remote(s) | Type    |
|----------------------|----------------|-------------|---------------|----------------------------|----------------------|---------------------|---------|
| <b>Sidewinder</b>    |                |             |               |                            |                      |                     |         |
| Sidewinder           | 1000           | 718B        | 3K            | No Longer Available        | None                 |                     | N/A     |
| Sidewinder           | 2000           | 719B        | 3K            | 493T                       | None                 |                     | scratch |
| Sidewinder           | 2200           | 721B        | 3K - 5F       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 3000           | 720B        | 3K - 4H       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 3000 HF        | 410S        | 8G - up       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 3200           | 722B        | 3K            | 493T                       | None                 |                     | scratch |
| Sidewinder           | 3200 HS        | 416S        | All           | 474S (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 3300 HS        | 426S        | All           | 473S (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 3500           | 552S        | 7H - up       | 491T (No Longer Available) | 485M                 |                     | learn   |
| Sidewinder           | 3500 ESP       | 552S        | 9B - 0H       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 3500 ESP       | 552S        | 0I - up       | 476S                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 4200           | 420B        | 2K - 5F       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 4200           | 420S        | 5B - 5F       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 4500 HF        | 430S        | 8D - up       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 5000           | 432S        | 5L - 7E       | 493C                       | 493T, 484T           |                     | learn   |
| Sidewinder           | 5000 HF        | 432S        | 7F - 8B       | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 5000 HF        | 432S        | 8B - up       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 5000 HF(ESP)   | 429S        | 9A - up       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 5200           | 430S        | 2H - 4E       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 5200 XS        | 436S        | All           | 474S (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 6000           | 435B        | 2L - 4F       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 6000           | 437S        | 4J - 6H       | 493C                       | 493T, 484T           |                     | learn   |
| Sidewinder           | 6000           | 437S        | 6I - 7E       | 493C                       | 493T, 484T           |                     | learn   |
| Sidewinder           | 6000 HF(2 btn) | 437S        | 7F - 7I       | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 6000 HF        | 438S        | 4J - 8B (a)   | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 6000 HF        | 438S        | 8D - up       | 471T                       | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | PC 6000 HF     | 439S        | 8B - up       | 475T (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 6100           | 440B        | 2L - 3D       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 6200           | 445B        | 2L - 4H       | 493T                       | None                 |                     | scratch |
| Sidewinder           | 6500 HF        | 553S        | 5K - 6H       | 491T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 6500 HF        | 553S        | 7A - 8B       | 485T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 6500 HF        | 553S        | 8D - 8I       | 475T (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 6500 HF(ESP)   | 553S        | 9B - up       | 475Q (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 7000 HF        | 381S        | 5H - 6H       | 485T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 7000 HF        | 381S        | 6I - 7C       | 485T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | 7000 HF        | 381S        | 7D - 7H       | 485T (No Longer Available) | 485M, 491C (NLA)     |                     | learn   |
| Sidewinder           | PC 7000 SHF    | 381S        | TBA           | 475Q (No Longer Available) | 474T, 473T, 471C     |                     | learn   |
| Sidewinder           | 7100           | 271B        | 2L - 5A       | 484T                       | 493C, 493T           |                     | learn   |
| Sidewinder           | 7200           | 281B        | All           | 484T                       | 493C, 493T           |                     | learn   |
| <b>Steal Stopper</b> |                |             |               |                            |                      |                     |         |
| Steal Stopper        | 50             | 220S        | All           | 465T                       | None                 |                     | scratch |
| Steal Stopper        | 50/S           | 221S        | All           | 465T                       | None                 |                     | scratch |
| Steal Stopper        | 60             | 225S        | Up to 2E      | 465T                       | None                 |                     | scratch |
| Steal Stopper        | 60             | 261S        | 2E - 2I       | 493T                       | None                 |                     | scratch |
| Steal Stopper        | 60/S           | 226S        | All           | 465T                       | None                 |                     | scratch |
| Steal Stopper        | 70             | 271S        | Up to 2E      | 465T                       | None                 |                     | learn   |
| Steal Stopper        | 70             | 271S        | 2F - 2J       | 493T                       | 484T                 |                     | learn   |
| Steal Stopper        | 80             | 281S        | EZS4CX-DEI235 | 465T                       | None                 |                     | learn   |
| Steal Stopper        | 80             | 281S        | EZSDEI280     | 493T                       | 484T                 |                     | learn   |
| Steal Stopper        | 90             | 291S        | 2E - 2J       | 484T                       | None                 |                     | learn   |
| Steal Stopper        | 1000           | SS1000      | All           | 465T                       | None                 |                     | scratch |

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand          | Model Number  | Part Number | Date Code    | Original Remote                           | Compatible Remote(s) | Alternate Remote(s) | Type    |
|----------------|---------------|-------------|--------------|---|----------------------|---------------------|---------|
| Steal Stopper  | 2000          | SS2000      | All          | No remote/NOT RF                          | None                 |                     | N/A     |
| Steal Stopper  | PRO 3000      | SS3000      | All          | No remote/NOT RF                          | None                 |                     | N/A     |
| Steal Stopper  | PRO 4000      | SS4000      | All          | No remote/NOT RF                          | None                 |                     | N/A     |
| Steal Stopper  | PRO 5000      | SS5000      | All          | 465T (optional)                           | None                 |                     | scratch |
| Steal Stopper  | 6001          | SS6001      | All          | No remote/NOT RF                          | None                 |                     | N/A     |
| <b>Stinger</b> |               |             |              |   |                      |                     |         |
| Stinger        | W/515R        | 438K        | 8K           | 471T                                      | 474S, 473S, 471C     |                     | learn   |
| Stinger        | Keyless entry | 711K        | 8K           | 471T                                      | 474S, 473S, 471C     |                     | learn   |
| Stinger        | W/514T        | 438J        | 8K           | 471T                                      | 474S, 473S, 471C     |                     | learn   |
| <b>Wasp</b>    |               |             |              |   |                      |                     |         |
| Wasp           | 718W          | 718W        | 3F - 3H      | NLA                                       | None                 |                     | N/A     |
| Wasp           | 718W          | 718W        | 4/95 - 5/95  | NLA                                       | None                 |                     | N/A     |
| Wasp           | 718W          | 718W        | 6/95 - 10/95 | 465T                                      | None                 |                     | learn   |
| Wasp           | 718W          | 718W        | 6F - 7C      | 493C                                      | None                 |                     | learn   |
| Wasp           | 718W          | 718W        | 7D - up      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| <b>Valet</b>   |               |             |              |   |                      |                     |         |
| Valet          | 450T          | 450T        | 6D - up      | No remote/ NOT RF                         | N/A                  |                     | N/A     |
| Valet          | 450R          | 450R        | 6D - 6I      | 485T (No Longer Available)                | 485M                 |                     | learn   |
| Valet          | 450R          | 450R        | 8C - 8E      | 475T (No Longer Available)                | 474T,473T, 485M      |                     | learn   |
| Valet          | 519T          | 519T        | 2J - 5J      | 465T / 493C                               | 493T, 484T           |                     | learn   |
| Valet          | 519T          | 519T        | 6A - up      | 493C                                      | 493T, 484T           |                     | learn   |
| Valet          | 519H          | 519H        | 5A - 8H      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 519H          | 519H        | 8K - up      | 471T                                      | 474T, 473T, 471C     |                     | learn   |
| Valet          | 519H2         | 519H2       | All          | TX & RX application See install guide for |                      |                     | learn   |
| Valet          | 550T          | 550T        | All          | No remote/ NOT RF                         | N/A                  |                     | N/A     |
| Valet          | 551R          | 551R        | 7G - 9A      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 551R          | 551R        | 9B - up      | 471T                                      | 471C, 473T           |                     | learn   |
| Valet          | 551T          | 551T        | All          | No remote/ NOT RF                         | N/A                  |                     | N/A     |
| Valet          | 552T          | 552T        | 4I - 7C      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 552T          | 552T        | 7G - 8J      | 490T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 552T          | 552T        | 9A - up      | 471T                                      | 471C, 473T, 474T     |                     | learn   |
| Valet          | 554T          | 554T        | All          | 477T, 474T                                | 473T, 471C           |                     | learn   |
| Valet          | 561T          | 561T        | All          | No remote/ NOT RF                         | 473T *               |                     | learn   |
| Valet          | 561R          | 561R        | All          | 473T                                      | 473T, 471C           |                     | learn   |
| Valet          | 562T          | 562T        | All          | 474T                                      | 473T, 471C           |                     | learn   |
| Valet          | 563T          | 563T        | All          | 474T                                      | 473T, 471C           |                     | learn   |
| Valet          | 710T          | 710A        | 5J - 6F      | 493C                                      | 493T, 484T           |                     | learn   |
| Valet          | 710T          | 710T        | 6G - 7D      | 492C                                      | 493T, 484T           |                     | learn   |
| Valet          | 710T          | 710T        | 7E - up      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 711T          | 711T        | 2C - 5K      | 465T                                      | None                 |                     | scratch |
| Valet          | 711T          | 711T        | 7E - up      | 491T (No Longer Available)                | 485M, 491C (NLA)     |                     | learn   |
| Valet          | 712T          | 712T        | 2J - 7D      | 465T                                      | None                 |                     | scratch |
| Valet          | 712T          | 712T        | 4K - up      | 474T                                      | 473T, 471C           |                     | learn   |
| Valet          | 716T          | 716T        | All          | 474T                                      | 473T, 471C           |                     | learn   |

\* Need to add an external receiver to use aftermarket remotes / Valet

| <b>Viper</b> |                     |       |         |                  |                  |              |         |
|--------------|---------------------|-------|---------|------------------|------------------|--------------|---------|
| Viper        | Viper Responder One | 4203V | All     | 7211V            | 7211V            |              | learn   |
| Viper        | 50                  | 405V  | All     | No remote/NOT RF | None             |              | N/A     |
| Viper        | 100                 | 410V  | All     | 465T             | None             |              | scratch |
| Viper        | 100 HF (ESP)        | 410V  | 8G - up | 471T             | 474V, 473V, 471C | 7141V, 7142V | learn   |
| Viper        | 130 HV              | 561V  | All     | 473V             | 473V, 471C       |              | learn   |
| Viper        | 150                 | 715V  | All     | 465T             | None             |              | scratch |

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand | Model Number       | Part Number | Date Code   | Original Remote            | Compatible Remote(s)         | Alternate Remote(s) | Type    |
|-------|--------------------|-------------|-------------|----------------------------|------------------------------|---------------------|---------|
| Viper | 150 HF             | 552V        | 7H - 8L     | 491T (No Longer Available) | 485M, 491C (NLA)             |                     | learn   |
| Viper | 150 ESP            | 552V        | 9C - 0H     | 471T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 150 ESP            | 552V        | 0I - up     | 476V                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 160 XV             | 562V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V        | learn   |
| Viper | 160 XVL            | 562VL       | All         | 7641V                      | 7641V                        |                     | learn   |
| Viper | 200                | 420V        | Up to 2B    | 465T                       | None                         |                     | scratch |
| Viper | 200                | 420V        | 2C - 5J     | 493T                       | None                         |                     | scratch |
| Viper | 200                | 122V        | 0D - up     | 470T                       | 471C                         |                     | learn   |
| Viper | 201                | 201V        | All         | 465T                       | None                         |                     | scratch |
| Viper | 210 HV             | 416V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V        | learn   |
| Viper | 211HV              | 412V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V        | learn   |
| Viper | C 30               | 430C        | 2D - 5B     | 493T                       | None                         |                     | scratch |
| Viper | 300                | 430V        | Up to 2B    | 465T                       | None                         |                     | scratch |
| Viper | 300                | 430V        | 2C - 7E     | 493T                       | None                         |                     | scratch |
| Viper | 300 HF             | 430V        | 7G - 8B (a) | 491T (No Longer Available) | 485M, 491C                   |                     | learn   |
| Viper | 300 HF             | 430V        | 8B - 9A     | 471T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | PC 300 HF(ESP)     | 429V        | All         | 471T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 300+               | 432V        | 5L - 7E     | 493C                       | 493T,484T                    |                     | learn   |
| Viper | 300+               | 432V        | 7F - 8B (a) | 491T (No Longer Available) | 485M, 491C (NLA)             |                     | learn   |
| Viper | 300+ HF            | 432V        | 8B - 9B     | 471T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 330V               | 427V        | All         | No remote/NOT RF           | 474V, 473V, 471C *           | 7141V, 7142V        | N/A     |
| Viper | 350 Classic        | 330V        | Up to 2A    | 465T                       | None                         |                     | scratch |
| Viper | 350 Classic        | 330V        | 2B - 4E     | 493T                       | None                         |                     | scratch |
| Viper | 350 HV             | 426V        | All         | 473V                       | 474V, 471C                   | 7141V, 7142V        | learn   |
| Viper | Responder 350      | 3305V       | All         | 7341V, 7142V               | 7341V, 7142V                 | 474V, 7141V         | learn   |
| Viper | 350+               | 3105V       | All         | 7142V                      | 7142V                        | 474V, 7141V         | learn   |
| Viper | 400                | 440V        | Up to 2C    | 465T                       | None                         |                     | scratch |
| Viper | 400                | 440V        | 2D - 4L     | 493T                       | None                         |                     | scratch |
| Viper | 450 Classic        | 340V        | Up to 2G    | 465T                       | None                         |                     | scratch |
| Viper | 450 Classic        | 340V        | 2H - 4B     | 493T                       | None                         |                     | scratch |
| Viper | 500                | 435V        | Up to 2D    | 465T                       | None                         |                     | scratch |
| Viper | 500                | 435V        | 2E - 4C     | 493T                       | None                         |                     | scratch |
| Viper | C 50               | 437C        | 4C - 5K     | 493C                       | 493T, 484T                   |                     | learn   |
| Viper | C 50               | 437C        | 5L - 6C     | 493C                       | 493T,484T                    |                     | learn   |
| Viper | 500+               | 437V        | 3L - 5K     | 493C                       | 493T, 484T                   |                     | learn   |
| Viper | 500+               | 437V        | 5L - 7E     | 493C                       | 493T,484T                    |                     | learn   |
| Viper | 500 HF (Code Plus) | 438V        | 4D - 7L     | 491T (No Longer Available) | 485M, 491C (NLA)             |                     | learn   |
| Viper | 500 HF             | 438V        | 8B - up     | 471T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | PC 500 HF (ESP)    | 439V        | 7J - up     | 475T                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 500 NX             | 436V        | 5G          | 492T                       | None                         |                     | learn   |
| Viper | 550 Classic        | 335V        | Up to 2C    | 465T                       | None                         |                     | scratch |
| Viper | 550 Classic        | 335V        | 2D - 4B     | 493T                       | None                         |                     | scratch |
| Viper | 550 HF             | 553V        | 5I - 6J     | 491T (No Longer Available) | 485M, 491C (NLA)             |                     | learn   |
| Viper | 550 HF             | 553V        | 7D - 8B     | 485T (No Longer Available) | 485M, 491C (NLA)             |                     | learn   |
| Viper | 550 HF             | 553V        | 8D - 9A     | 475T (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 550 HF (ESP)       | 553V        | 9B - up     | 475Q (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 560 XV             | 563V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V        | learn   |
| Viper | 571 XV             | 572V        | 4G - 5G     | 487V                       | 474V, 473V, 471C             | 7141V, 7142V        | learn   |
| Viper | 571 XV             | 572V        | 6K - up     | 488V                       | 487V, 488V, 474V, 473V, 471C | 7141V, 7142V        | learn   |
| Viper | 591 XV             | 542V        | All         | 479V                       | 472V (NLA)                   |                     | learn   |
| Viper | C 60               | 445C        | 2D - 4L     | 493T                       | None                         |                     | scratch |
| Viper | 600                | 445V        | Up to 2B    | 465T                       | None                         |                     | scratch |

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand | Model Number       | Part Number | Date Code   | Original Remote            | Compatible Remote(s)         | Alternate Remote(s)                           | Type    |
|-------|--------------------|-------------|-------------|----------------------------|------------------------------|---|---------|
| Viper | 600                | 445V        | 2C - 5E     | 493T                       | None                         |   | scratch |
| Viper | 600 Classic        | 345V        | Up to 2A    | 465T                       | None                         |   | scratch |
| Viper | 600 Classic        | 345V        | 2C - 4B     | 493T                       | None                         |   | scratch |
| Viper | 600 HF (Code Plus) | 448V        | 4L - 6L     | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | 600 HF (Code Plus) | 448V        | 7A - 8B (a) | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | 600 HF             | 448V        | 8B - 8L     | 475T (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | PC 600HF (ESP)     | 449V        | 9A - up     | 475Q (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | 650 XV             | 436V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V                                  | learn   |
| Viper | 671 XV             | 437V        | All         | 487V                       | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | 690 XV             | 434V        | All         | 479V                       | 479V, 472V (NLA)             |   | learn   |
| Viper | C 70 HF            | 448C        | 5E - 6D     | 491T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | Ultra 700          | 370V        | Up to 2H    | 493T                       | 493C, 484T                   |   | learn   |
| Viper | Ultra 700          | 370V        | 2I - 5C     | 484T                       | 493C, 493T                   |   | learn   |
| Viper | 700 HF             | 371V        | 6A - 6F     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | 700 ESP            | 379V        | All         | 476V                       | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | 771 XV             | 567V        | 4E - 4L     | 487V                       | 487V, 474V, 473V, 471C       | 7141V, 7142V                                  | learn   |
| Viper | 771 XV             | 567V        | 5A - 7J     | 488V                       | 487V, 488V, 474V, 473V, 471C | 7141V, 7142V                                  | learn   |
| Viper | 790 XV             | 554V        | All         | 478V (No Longer Available) | 479V, 472V (NLA)             |   | learn   |
| Viper | 791 XV             | 564V        | All         | 479V                       | 472V (NLA)                   |   | learn   |
| Viper | Ultra 800          | 380V        | Up to 2D    | 493T                       | 493C, 484T                   |   | learn   |
| Viper | Ultra 800          | 380V        | 2D - 5A     | 484T                       | 493C, 493T                   |   | learn   |
| Viper | 800 HF             | 381V        | 5H - 6H     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | 800 HF             | 381V        | 6I - 7B     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | 800 HF             | 381V        | 7C - 7L     | 485T (No Longer Available) | 485M, 491C (NLA)             |   | learn   |
| Viper | PC 800 SHF         | 381V        | 8B - 8F     | 475T (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | 800 SHF ESP        | 381V        | 8G - UP     | 475T (No Longer Available) | 474V, 473V, 471C             | 7141V, 7142V                                  | learn   |
| Viper | 850XV              | 446V        | All         | 474V                       | 473V, 471C                   | 7141V, 7142V                                  | learn   |
| Viper | Ultra 900          | 390V        | Up to 4L    | 484T                       | None                         |   | learn   |
| Viper | 1000               | 3101V       | All         | 474V                       | 473V, 471C                   | 7141V, 7142V                                  | learn   |
| Viper | 1002               | 3102V       | All         | 7141V                      | 474V, 473V, 471C             | 7142V   | learn   |
| Viper | 3000               | 3201V       | All         | 488V, 474V                 | 473V, 471C                   | 7141V, 7142V                                  | learn   |
| Viper | 3002               | 3202V       | All         | 488V, 7141V                | 474V, 473V, 471C             | 7142V   | learn   |
| Viper | 3203               | 3203V       | All         | 7251V, 7153V               | 7251V, 7153V                 | 7351V   | learn   |
| Viper | 3303               | 3303V       | All         | 7351V, 7153V               | 7351V, 7153V                 | 7251V   | learn   |
| Viper | 3901V              | 3901V       | All         | None/uses fac remote       | Factory OEM Remote           |   | N/A     |
| Viper | 3902V              | 3902V       | All         | None/uses fac remote       | Factory OEM Remote           |   | N/A     |
| Viper | 3903V              | 3903V       | All         | None/uses fac remote       | Factory OEM Remote           |   | N/A     |
| Viper | 4103XV             | 4103V       | All         | 7142V                      | 7142V                        | 474V, 7141V                                   | learn   |
| Viper | 5000               | 3301V       | All         | 489V, 474V                 | 473V, 471C                   | 7141V, 7142V, 7341V                           | learn   |
| Viper | 5002               | 3302V       | All         | 489V, 7141V                | 474V, 473V, 471C             | 7142V, 7341V                                  | learn   |
| Viper | 5101               | 4102V       | All         | 7153V                      | 7152V                        | 7152V, 7251V*, 7351V*, 7652V*, 7752V*, 7941V* | learn   |
| Viper | 5301               | 4202V       | All         | 7251V, 7152V               | 7153V                        | 7351V, 7752V*, 7652V*, 7941V*                 | learn   |
| Viper | 5500               | 4301V       | All         | 7701V                      | 7701V, 7642V (1way)          |   | learn   |
| Viper | 5501               | 4702V       | All         | 7752V, 7652V               | 7752V, 7652V (1way)          | 7941V   | learn   |
| Viper | 5601               | 5102V       | All         | 7153V                      | 7152V                        | 7152V, 7251V*, 7351V*, 7652V*, 7752V*, 7941V* | learn   |
| Viper | 5701               | 5202V       | All         | 7251V, 7152V               | 7153V                        | 7153V, 7351V, 7652V*, 7752V*, 7941V*          | learn   |
| Viper | 5900               | 5301V       | All         | 7701V                      | 7701V, 7642V (1way)          |   | learn   |
| Viper | 5901               | 5702V       | All         | 7701V                      | 7701V, 7642V (1way)          |   | learn   |

\* With upgraded IVU

# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand             | Model Number  | Part Number | Date Code | Original Remote          | Compatible Remote(s)          | Alternate Remote(s) | Type  |
|-------------------|---------------|-------------|-----------|--------------------------|-------------------------------|---------------------|-------|
| Viper             | 5902          | 5902V       | All       | 7752V, 7652V (1 way)     | 7752V, 7652V (1way)           | 7941V               | learn |
| Viper             | 7900          | 5501V       | All       | 7941V (HD), 7652V (1way) | 7941V (HD), 7652V (1way)      | 7752V               | learn |
| <b>Designtech</b> |               |             |           |                          |                               |                     |       |
| Designtech        | 20095         | 564A        |           | 477T, 474T               | 23361                         |                     |       |
| Designtech        | 20930         |             |           | 20069                    |                               |                     |       |
| Designtech        | 23739         |             |           | 26671                    |                               |                     |       |
| Designtech        | 23926         |             |           | 7541V                    |                               |                     |       |
| Designtech        | 23927         |             |           | 26671                    |                               |                     |       |
| Designtech        | 24921         |             |           | 23161                    |                               |                     |       |
| Designtech        | 24923         |             |           | 23161                    |                               |                     |       |
| Designtech        | 24926         |             |           | 26161                    |                               |                     |       |
| Designtech        | 24927         |             |           | 26171                    |                               |                     |       |
| Designtech        | 25622         |             |           | no remote                |                               |                     |       |
| Designtech        | 28622         |             |           | no remote                |                               |                     |       |
| Designtech        | 28623         |             |           | 28861                    |                               |                     |       |
| Designtech        | 28624         |             |           | 28871                    |                               |                     |       |
| Designtech        | 40026         |             |           | 24461                    |                               |                     |       |
| Designtech        | 40027         |             |           | 24471                    |                               |                     |       |
| Designtech        | 41026         |             |           | 24161                    |                               |                     |       |
| Designtech        | 41027         |             |           | 24171                    |                               |                     |       |
| <b>Autostart</b>  |               |             |           |                          |                               |                     |       |
| Autostart USA     | AS-3472TW-FM  |             |           | ASRF5603BC               | ASRF5603BC, ASRF1501BK (1way) |                     |       |
| Autostart USA     | AS-3372TW-FM  |             |           | ASRF3503BK               | ASRF3503BK, ASRF1501BK(1way)  |                     |       |
| Autostart USA     | AS-2775       |             |           | ASRA2503BK               | ASRA2503BK                    |                     |       |
| Autostart USA     | AS-2272       |             |           | ASRA2202BK               | ASRA2202BK                    |                     |       |
| Autostart USA     | AS-6850vTW-FM |             |           |                          | ASRF-6601BK LCD, ASTR-2545    |                     |       |
| Autostart USA     | AS-6450vTW-FM |             |           |                          | ASTR-5500 LED, ASTR-2545FM    |                     |       |
| Autostart USA     | AS-6250V      |             |           |                          | ASRA-2501G                    |                     |       |
| Autostart USA     | AS-2450vTW-FM |             |           |                          | ASRF-5602G LCD, ASTR-2545FM   |                     |       |
| Autostart USA     | AS-2350vTW-FM |             |           |                          | ASRF-3501G LED, ASTR-2545FM   |                     |       |
| Autostart USA     | AS-1755v      |             |           |                          | ASRA-2501G                    |                     |       |
| Autostart USA     | AS-1452v      |             |           |                          | ASRA-2402BK                   |                     |       |
| Autostart USA     | ASL-550TW-FM  |             |           |                          | ASRF-6601BK LCD, ASTR-2545    |                     |       |
| Autostart USA     | ASL-350       |             |           |                          | ASRA-2402BK                   |                     |       |
| Autostart Canada  | AS-6850TW-FM  |             |           |                          | ASRF-6601BK LCD, ASTR-2545FM  |                     |       |
| Autostart Canada  | AS-6450TW-FM  |             |           |                          | ASTR-5500 LED, ASTR-2545FM    |                     |       |
| Autostart Canada  | AS-6270       |             |           |                          | n/a                           |                     |       |
| Autostart Canada  | AS-6250       |             |           |                          | ASRA-2501G                    |                     |       |
| Autostart Canada  | AS-2451TW-FM  |             |           |                          | ASRF-5602G LCD                |                     |       |
| Autostart Canada  | AS-2450TW-FM  |             |           |                          | ASRF-5501G LCD                |                     |       |
| Autostart Canada  | AS-2400TW-FM  |             |           |                          | ASRF-5501G LCD                |                     |       |
| Autostart Canada  | AS-2350TW-FM  |             |           |                          | ASRF-3501G LED                |                     |       |
| Autostart Canada  | AS-2310TW-FM  |             |           |                          | ASRF-3501G LED                |                     |       |
| Autostart Canada  | AS-1855       |             |           |                          | ASTR-2545 FM                  |                     |       |
| Autostart Canada  | AS-1835       |             |           |                          | ASTR-2545 FM                  |                     |       |
| Autostart Canada  | AS-1775       |             |           |                          | n/a                           |                     |       |
| Autostart Canada  | AS-1757       |             |           |                          | ASTR-5147 AM                  |                     |       |



# DIRECTED ELECTRONICS TRANSMITTER REPLACEMENT GUIDE

| Brand            | Model Number | Part Number | Date Code | Original Remote | Compatible Remote(s)       | Alternate Remote(s) | Type |
|------------------|--------------|-------------|-----------|-----------------|----------------------------|---------------------|------|
| Autostart Canada | AS-1727      |             |           |                 | ASTR-5147 AM               |                     |      |
| Autostart Canada | AS-1755      |             |           |                 | ASRA-2501G                 |                     |      |
| Autostart Canada | AS-1735      |             |           |                 | ASRA-2501G                 |                     |      |
| Autostart Canada | AS-1454      |             |           |                 | ASRA-2402BK                |                     |      |
| Autostart Canada | AS-1455      |             |           |                 | ASRA-2402BK                |                     |      |
| Autostart Canada | AS-1451IHF   |             |           |                 | ASTR-B274                  |                     |      |
| Autostart Canada | AS-1452IHF   |             |           |                 | ASTR-B274                  |                     |      |
| Autostart Canada | AS-1414IHF   |             |           |                 | ASTR-B274                  |                     |      |
| Autostart Canada | AS-1424IHF   |             |           |                 | ASTR-B274                  |                     |      |
| Autostart Canada | AS-1271      |             |           |                 | n/a                        |                     |      |
| Autostart Canada | AS-1272      |             |           |                 | n/a                        |                     |      |
| Autostart Canada | AS-1251      |             |           |                 | ASRA-2201G                 |                     |      |
| Autostart Canada | AS-1252      |             |           |                 | ASRA-2201G                 |                     |      |
| Autostart Canada | AS-1221      |             |           |                 | ASRA-2201G                 |                     |      |
| Autostart Canada | ASL-550TW-FM |             |           |                 | ASRF-6601BK LCD, ASTR-2545 |                     |      |
| Autostart Canada | ASL-350      |             |           |                 | ASRA-2402BK                |                     |      |

# INDEX

|              |              |              |                  |
|--------------|--------------|--------------|------------------|
| 103T.....4   | 515R.....8   | 7142P.....12 | 879V.....12      |
| 24171.....16 | 516L.....8   | 7142V.....12 | 879X.....12      |
| 1502T.....7  | 516U.....8   | 7142X.....12 | 8200.....21      |
| 26161.....13 | 520T.....20  | 7152X.....14 | 8201.....10      |
| 26171.....13 | 522T.....5   | 7152V.....14 | 108298.....10    |
| 450R.....2   | 524CL.....5  | 7151X.....14 | 8298.....9       |
| 451M.....4   | 524F.....5   | 7153V.....12 | 8299.....9       |
| 452T.....4   | 524K.....5   | 7153P.....12 | 8601.....17      |
| 453T.....5   | 524N.....5   | 7153X.....12 | 8602T.....11     |
| 465D.....16  | 524T.....5   | 7211P.....12 | 8604.....18      |
| 469T.....16  | 528T.....19  | 7211V.....12 | 8606.....18      |
| 471C.....16  | 529T.....3   | 7211X.....12 | 8607.....17      |
| 471H.....13  | 530T.....3   | 7251P.....14 | 8608.....17      |
| 473A.....14  | 543H.....6   | 7251V.....13 | 8613.....17      |
| 473L.....14  | 543R.....7   | 7251X.....14 | 8614.....17      |
| 473P.....15  | 543T.....6   | 7341V.....12 | 8615.....17      |
| 473T.....13  | 543X.....7   | 7341X.....12 | 8616.....19      |
| 473V.....16  | 545T.....4   | 7341P.....12 | 8617.....20      |
| 474A.....14  | 546T.....7   | 7351P.....16 | 8618.....19      |
| 474B.....15  | 598T.....20  | 7351V.....16 | 8619.....18      |
| 474L.....14  | 599T.....20  | 7351X.....16 | 8626.....19      |
| 474P.....15  | 600T.....20  | 7641P.....15 | 8631.....18      |
| 474T.....13  | 601T.....20  | 7641V.....15 | 8633.....9       |
| 477A.....14  | 610C.....19  | 7641X.....15 | 8634.....9       |
| 477L.....14  | 610T.....19  | 7642P.....13 | 8998.....21      |
| 477P.....13  | 611T.....19  | 7642V.....13 | 8999.....21      |
| 477T.....15  | 620C.....10  | 7642X.....13 | 820031.....14    |
| 479P.....15  | 620T.....18  | 7652P.....13 | 820041.....14    |
| 479V.....15  | 620V.....9   | 7652V.....12 | 998T.....21      |
| 479X.....14  | 621T.....18  | 7652X.....13 | 998U.....21      |
| 482T.....16  | 629L.....8   | 7701V.....15 | 998M.....21      |
| 484T.....16  | 650T.....17  | 7701P.....15 | 9401T.....21     |
| 485M.....16  | 651T.....17  | 7701X.....14 | 904100C.....12   |
| 488T.....16  | 652T.....4   | 7752P.....13 | 904010.....15    |
| 488V.....15  | 653T.....17  | 7752V.....13 | 904065.....15    |
| 488X.....15  | 654T.....17  | 7752X.....13 | 904065C.....13   |
| 489X.....14  | 679T.....13  | 7941V.....13 | 904075.....15    |
| 492C.....16  | 680T.....20  | 7941P.....13 | 904100.....15    |
| 493C.....16  | 684T.....12  | 7941X.....13 | 905020.....10    |
| 493T.....16  | 693T.....12  | 873L.....12  | 905235.....10    |
| 500T.....9   | 695T.....12  | 873P.....12  | 905255.....10    |
| 502T.....9   | 6111T.....6  | 873V.....12  | 905265.....10    |
| 504D.....2   | 6211T.....6  | 874A.....12  | 909505.....8     |
| 504K.....9   | 6212T.....7  | 874L.....12  | 909235.....10    |
| 504KP.....9  | 6711T.....6  | 874P.....12  | 9474T.....4      |
| 504KH.....9  | 7111A.....16 | 874T.....12  | DSM200.....3     |
| 506T.....2   | 7111L.....16 | 874V.....12  | XKD2D65.....21   |
| 507M.....3   | 7141V.....15 | 876A.....12  | XKD2D65P.....21  |
| 508D.....3   | 7141P.....15 | 876P.....12  | XKLOADER2.....21 |
| 509U.....3   | 7152P.....14 | 876T.....12  |                  |
| 513T.....7   | 7152V.....14 | 876V.....12  |                  |
| 514C.....8   | 7131X.....14 | 879P.....12  |                  |
| 514N.....7   | 7141X.....14 | 879T.....12  |                  |

