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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.



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**FOR THE LATEST
INTERFACE MODULE
INFORMATION
VISIT**

WWW.XPRESSKIT.COM

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, 2⁶⁶ 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[®] 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[®] 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[®] module or any Directed Electronics[®] system offering a multiplex input for perimeter-intrusion response. New custom-chip design for outstanding stability and performance.

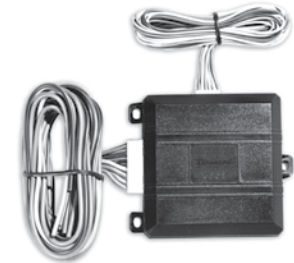
Part No. 508D



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



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.

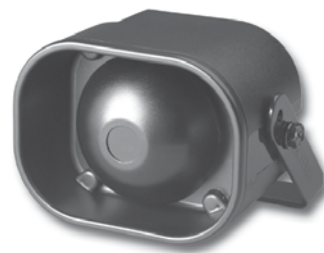
Part No. 516U



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



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)



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)



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



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 (Also Replaces 7341V)
 7341X	CLIFFORD LCD 2-WAY RESPONDER REMOTE FOR MATRIX 1X
 7642V	VIPER 1-WAY RESPONDER SST COMPANION REMOTE

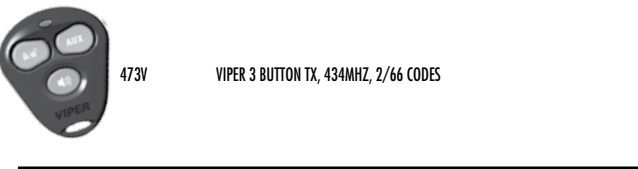
Part #	Description
 7642P	PYTHON 1-WAY RESPONDER SST COMPANION REMOTE
 7642X	CLIFFORD 1-WAY RESPONDER SST COMPANION REMOTE
 7652V	VIPER 1-WAY SST LC3 SUPERCODE COMPANION REMOTE
 7652P	PYTHON 1-WAY SST LC3 SUPERCODE COMPANION REMOTE
 7652X	CLIFFORD 1-WAY SST LC3 SUPERCODE COMPANION REMOTE
 7752V	VIPER 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

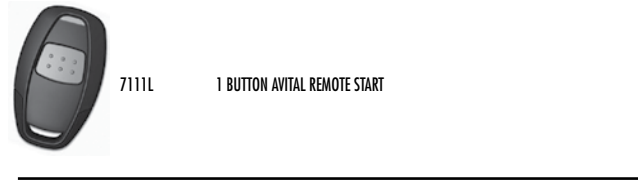
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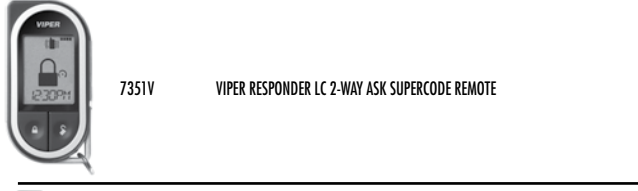
473V VIPER 3 BUTTON TX, 434MHZ, 2/66 CODES



7111A 1 BUTTON AUTOMATE REMOTE START



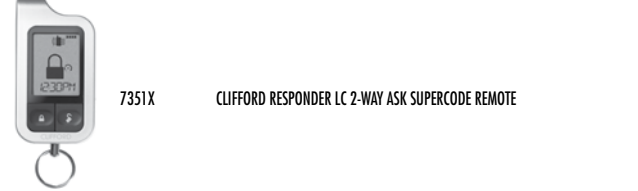
7111L 1 BUTTON AVITAL REMOTE START



7351V VIPER RESPONDER LC 2-WAY ASK SUPERCODE REMOTE



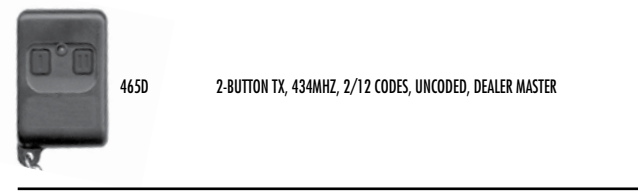
7152X CLIFFORD SUPERCODE 1-WAY 5-BUTTON REMOTE - LE COMPANION



7351X CLIFFORD RESPONDER LC 2-WAY ASK SUPERCODE REMOTE



7351P PYTHON RESPONDER LC 2-WAY ASK SUPERCODE REMOTE

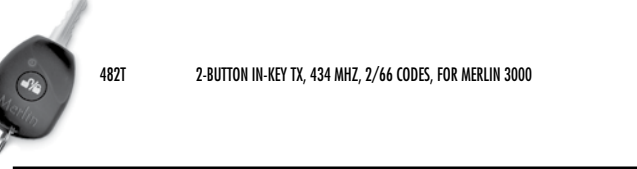


465D 2-BUTTON TX, 434MHZ, 2/12 CODES, UNCODED, DEALER MASTER



24171 AUTOCOMMAND 5-BUTTON REMOTE FOR 41027/41027T

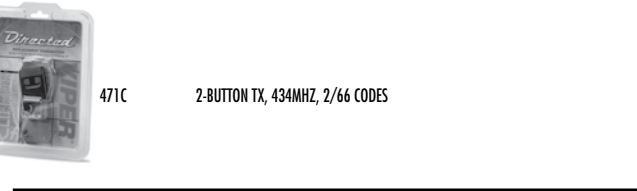
Part #	Description
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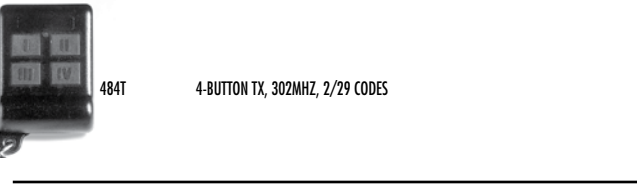
482T 2-BUTTON IN-KEY TX, 434 MHZ, 2/66 CODES, FOR MERLIN 3000



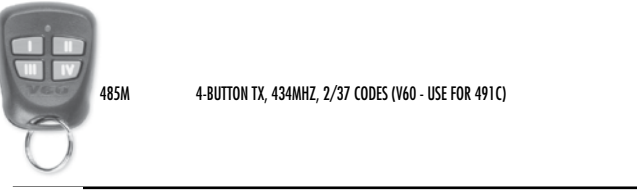
469T 2-BUTTON TX, CODE ALARM COMPATIBLE



471C 2-BUTTON TX, 434MHZ, 2/66 CODES



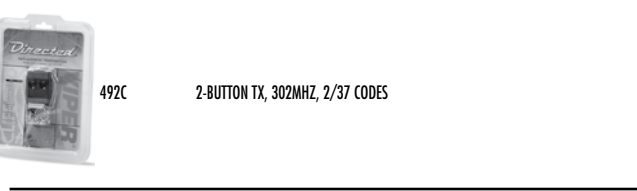
484T 4-BUTTON TX, 302MHZ, 2/29 CODES



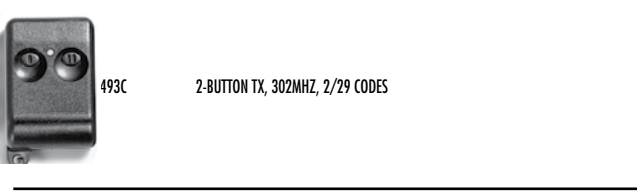
485M 4-BUTTON TX, 434MHZ, 2/37 CODES (V60 - USE FOR 491C)



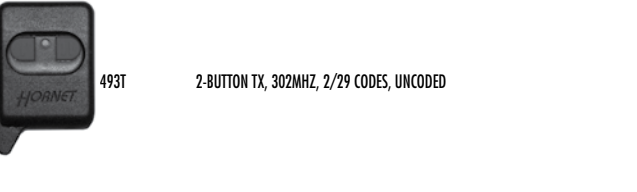
488T UNIVERSAL LED 2-WAY REPLACEMENT REMOTE



492C 2-BUTTON TX, 302MHZ, 2/37 CODES



493C 2-BUTTON TX, 302MHZ, 2/29 CODES



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.

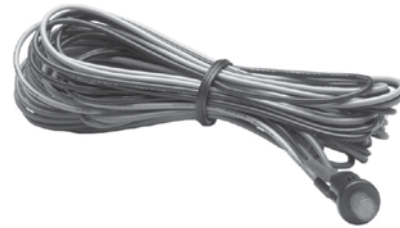
25 pack—Part No. 621T



LED/Valet Switch Combo

Combines LED and valet switch in one unit

Part No. 8606



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



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.

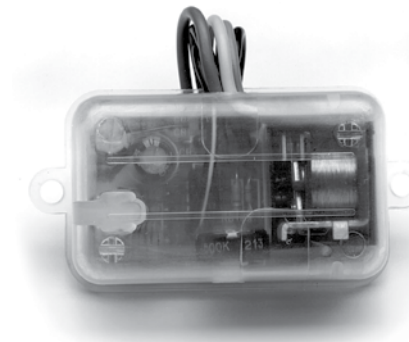
Part No. 8619



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



Pre-Wired Mini Relay

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

Part No. 8616



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



Directed Relay

Heavy-duty automotive 40/30A relay.

Part No. 610T



Directed Relay Value Pack

200 pack—Part No. 610C

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



**FOR THE LATEST
INTERFACE MODULE
INFORMATION
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WWW.XPRESSKIT.COM**

Directed Relay Assembly

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

Part No. 8617



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



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



110V/12V Adapter, 800mA

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

Part No. 680T



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

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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.

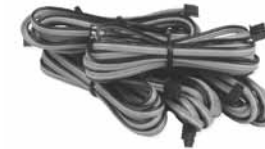
Part No. 998U

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 syatems.

Part No. XKD2D65P



XKD2D65P

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

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
AVITAL / DIRECTED						
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
CLIFFORD MATRIX						
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
Automate							
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
Boa							
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
Equalizer							
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
Hornet							
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		
Merlin							
Merlin	2000	122T	All	470T	471C		learn
Merlin	3000	225T	All	482T, 473B	None		learn
Python							
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

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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
Pro Guard							
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
Rattler							
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

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Brand	Model Number	Part Number	Date Code	Original Remote	Compatible Remote(s)	Alternate Remote(s)	Type
Sidewinder							
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
Steal Stopper							
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

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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
Stinger							
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
Wasp							
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
Valet							
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

Viper							
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

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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

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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
Designtech							
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			
Autostart							
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		

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