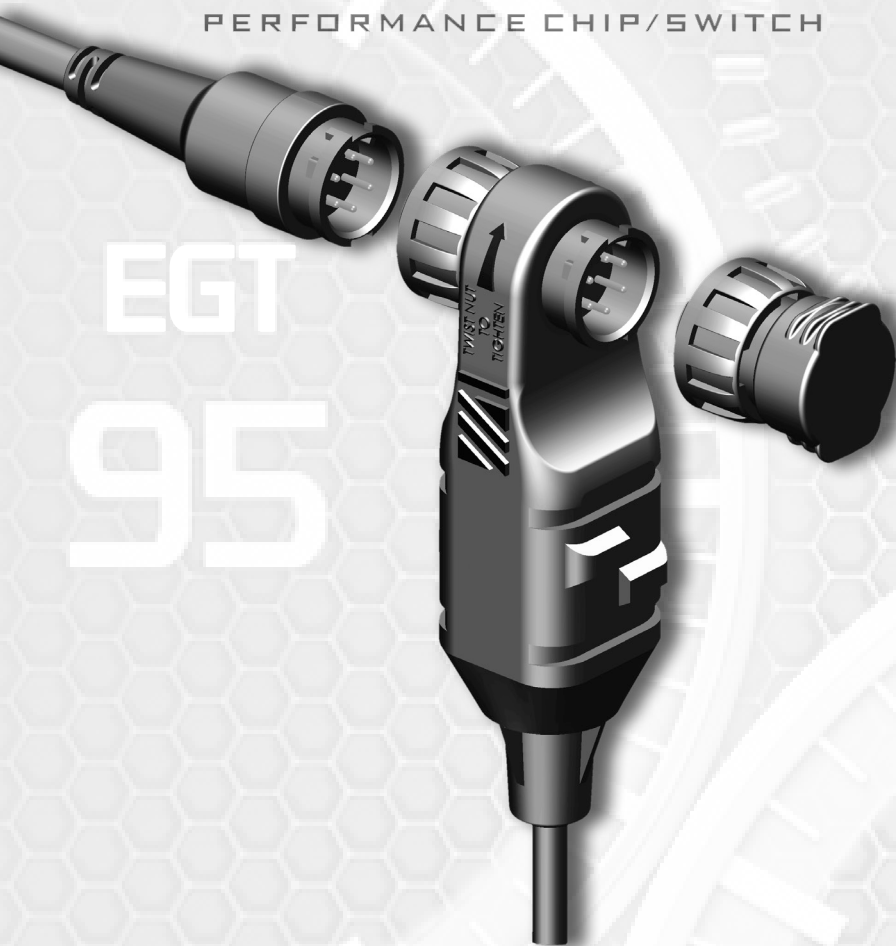


EAS

EXPANDABLE ACCESSORY SYSTEM

REVOLVER

PERFORMANCE CHIP/SWITCH



INSTALLATION GUIDE

Table of Contents

4	Read Me
4	Important Information
4	Safety Terms
5	At a Glance
5	EAS (Expandable Accessory System)
6	Main Cable Connections
6	Securing the EAS
7	Routing the Main EAS Cable
7	Connecting EAS Accessories
8	SWITCH (Revolver EAS Switch)
8	Revolver to Insight connections
9	EGT (Exhaust Gas Temperature)
9	Exhaust Gas Temperature (EGT) Sensor Connections
10	REVOLVER INSTALLATION
10	REVOLVER INSTALLATION 1995-1997 Trucks
12	REVOLVER INSTALLATION 1998-2003 Trucks
15	WARRANTY

Read Me

Important Information

Before using your new EAS device, it is important that you update your product. Refer to the Display Device's User Guide for more information on how to use the Fusion update software, or visit our web site.


Please take the time to thoroughly review all of the information outlined in this guide. Taking the time to understand how this product works and how to properly operate it will ensure that you have an extraordinary and safe driving experience. If we can be of any assistance to help you get the most from your product please call us.

Thank you again for your business and enjoy your new product.

IMPORTANT: Read through these instructions completely so that you understand each step prior to installation. Refer to the Display Device User Manual for Safety and Warranty info.

Safety Terms

Throughout this guide (hereafter noted as User Manual or Manual) you will see important messages regarding your safety or the protection of your vehicle. These messages are designated by the words WARNING or CAUTION.

 *WARNING indicates a condition that may cause serious injury or death to you, your passengers or others nearby. Pay careful attention to these Warning messages, and always comply with them. They could save a life.*

CAUTION indicates a condition that could cause damage to your vehicle. It is important to install and operate your product in conformance with instructions in this Manual. Caution alerts you to particularly important things that will keep your vehicle operating properly.

At a Glance

EAS (Expandable Accessory System)

The EAS system was designed with ease of installation in mind. The system itself is installed under the hood with only one cable that has to be routed through the firewall.

EGT Probe- Exhaust Gas

Temperature probe can be used to monitor engine temperatures during normal and extreme driving conditions.

Main EAS Cable

Connects the EAS accessories to the main device cable

JAB Adapter

The Juice to Attitude Bridge allows you to connect your Edge Juice Module to your Attitude Monitor.

Turbo Timer

This accessory keeps the engine running, when the vehicle has been parked, and allows the engine to properly cool down before it is shut off.

Power Switch

This accessory gives you the ability to control two separate devices using your Display.

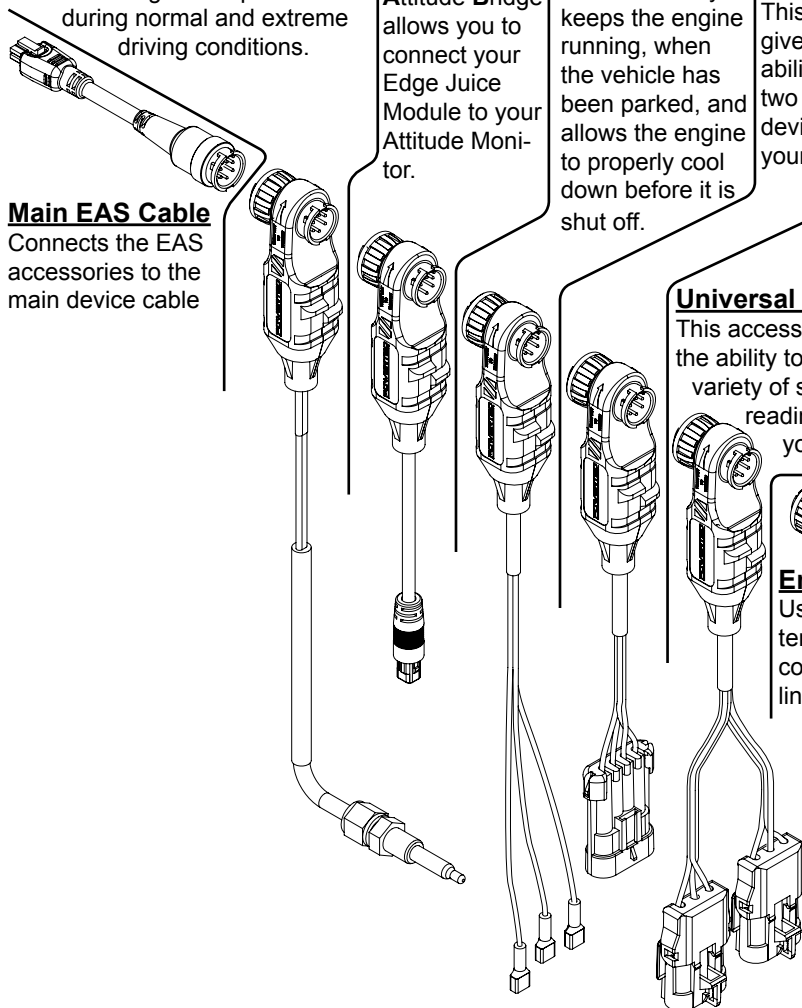
Universal (5V) Sensor

This accessory gives you the ability to monitor a variety of sensor output readings using your display.



End Cap

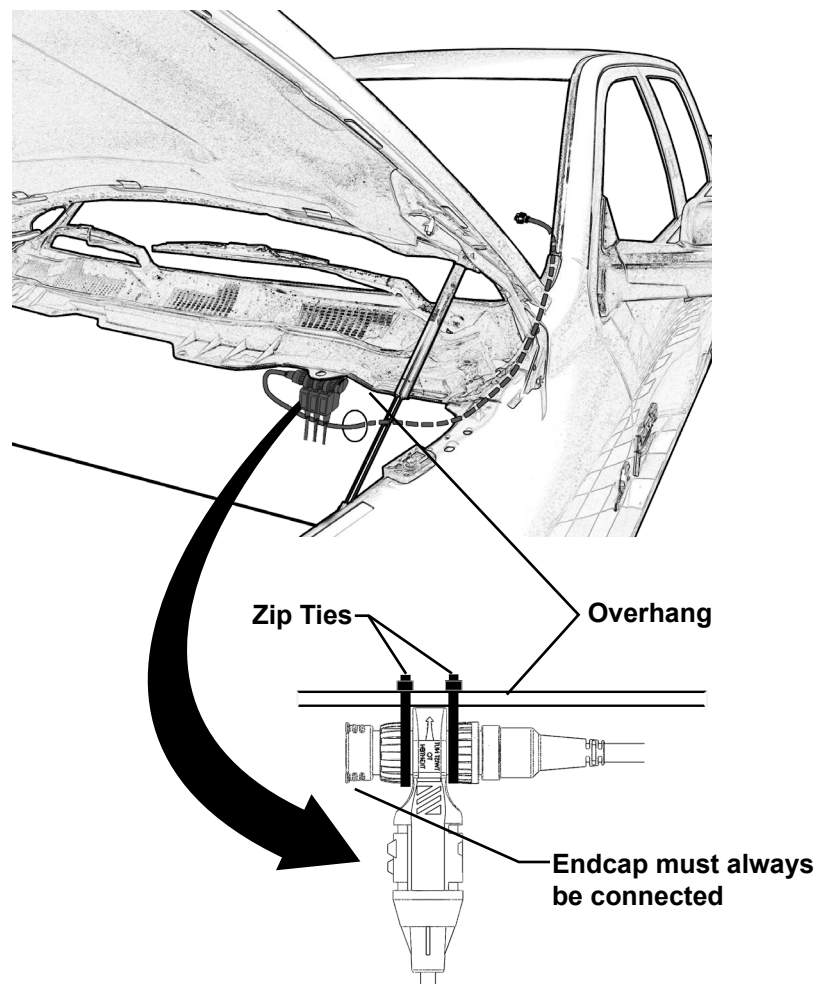
Used to terminate the communication lines.



NOTE: The HDMI to OBDII cable is included with your display device (i.e Insight, Evolution, or Attitude). Please refer to the display's installation guide for more information on how and where to install it.

Main Cable Connections

Securing the EAS



STEP 1 - Using the supplied zip ties, fasten the EAS connectors underneath the overhang which runs across the top of the fire wall. Keep the EAS assembly close to the driver side.

STEP 2 - Use any remaining zip ties to secure loose cable.

NOTE: *If more than one EAS device is plugged together, use the long zip ties provided in the packet to connect their bodies together.*

Routing the Main EAS Cable

STEP 1 - Locate an entry point from underneath the hood and into the cab.

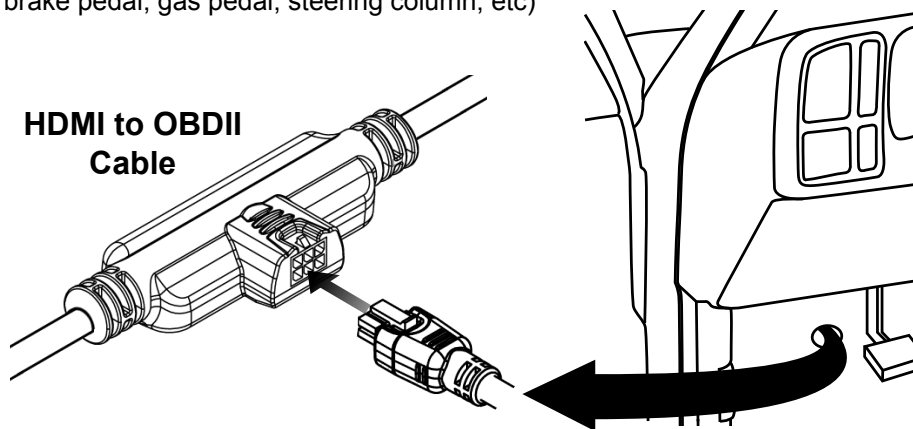
TIP - Most vehicles will have a rubber or plastic plug that can be removed from the firewall. Other vehicles may already have cables or wire harnesses going through it.

STEP 2 - Route the rectangular (6 pin) connector from underneath the hood and into the cab. Leave the round connector under the hood.

CAUTION: Be careful not to damage the connector and/or it's locking mechanism during installation.

STEP 3 - Plug the Main EAS Cable into the HDMI cable junction.

STEP 4 - Make sure this junction is free from moving vehicle components (e.g. brake pedal, gas pedal, steering column, etc)



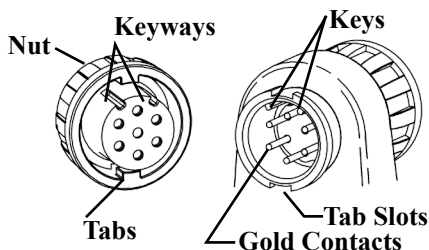
Connecting EAS Accessories

The round EAS connectors are Keyed which means that they can only be plugged in one way.

STEP 1 - Locate the two "key" features on each connector and lightly push the two together.

CAUTION: Be carefull not to damage the gold contacts during installation.

STEP 2 - While lightly pushing the two connectors together, twist the nut until you feel the tabs snap/lock into place.



SWITCH (Revolver EAS Switch)

Revolver to Insight connections

NOTE: Make sure the connector clips together before installing the Revolver into the PCM or the harness could become disconnected.

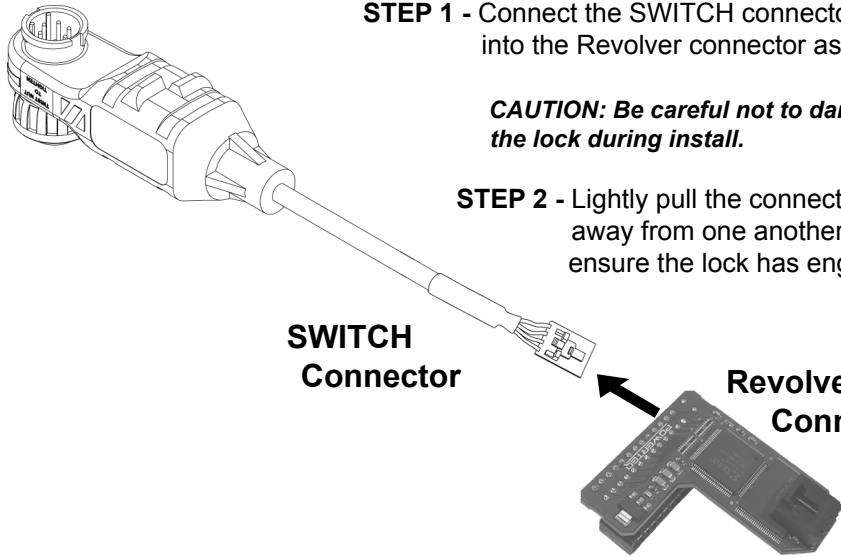
STEP 1 - Connect the SWITCH connector into the Revolver connector as shown.

CAUTION: Be careful not to damage the lock during install.

STEP 2 - Lightly pull the connectors away from one another to ensure the lock has engaged.

**SWITCH
Connector**

**Revolver
Connector**



EGT (Exhaust Gas Temperature)

Exhaust Gas Temperature (EGT) Sensor Connections

⚠ WARNING When installing the EGT sensor, wear eye protection and protective clothing to protect from getting metal chips in your eyes and skin. Also, since exhaust manifolds can be very hot, allow the engine to cool before drilling. When working under the vehicle, make sure the parking brake is set.

CAUTION: One effective way to avoid metal fragment contamination in your engine manifold is to apply grease in the tip of the drill bit and threads of your tap tool when drilling/tapping the hole in your manifold. Reduce pressure on the drill when the drill breaks through the manifold wall to reduce risk of pushing metal chips into the manifold.

Required Tools

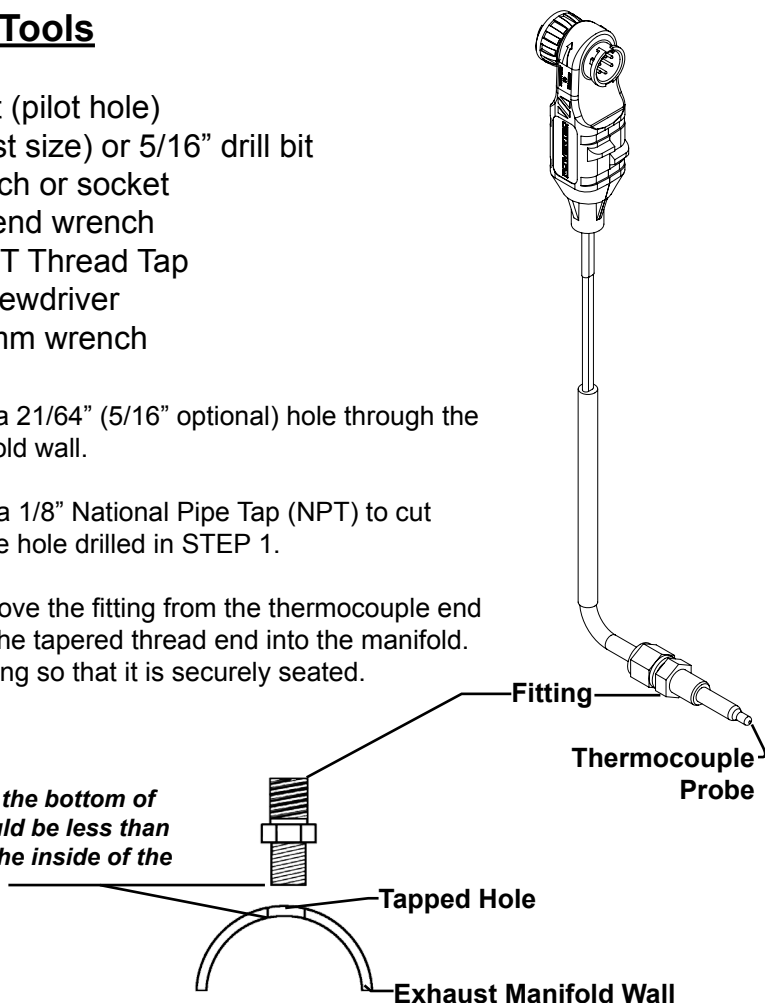
- Drill
- 1/8" drill bit (pilot hole)
- 21/64" (best size) or 5/16" drill bit
- 9/16" wrench or socket
- 5/8" open end wrench
- 1/8"-27 NPT Thread Tap
- Phillips screwdriver
- 5/16" or 8mm wrench

STEP 1 - Drill a 21/64" (5/16" optional) hole through the exhaust manifold wall.

STEP 2 - Use a 1/8" National Pipe Tap (NPT) to cut threads into the hole drilled in STEP 1.

STEP 3 - Remove the fitting from the thermocouple end and install by the tapered thread end into the manifold. Tighten the fitting so that it is securely seated.

NOTE: Ideally the bottom of the fitting would be less than or flush with the inside of the manifold wall.



REVOLVER INSTALLATION

REVOLVER INSTALLATION 1995-1997 Trucks

REQUIRED TOOLS:

- 13mm Socket
- Screw driver

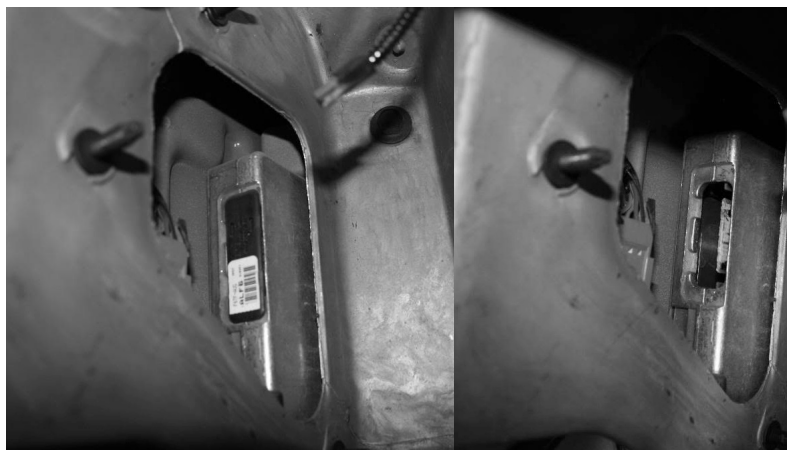
STEP 1 - Remove the keys from the ignition and disconnect both batteries. Failure to do so may cause damage to the PCM and Revolver.

STEP 2 - Remove the driver's side kick panel.

STEP 3 - Remove the emergency brake bracket by removing the (3) 13mm nuts from the bracket and lay the entire assembly on the floor.



STEP 4 - Remove the plastic cap to expose the terminal.



STEP 5 - With the provided Scotch-Brite pad clean the rubberized protective coating off of the terminal contacts. Both sides of the terminal need to be cleaned. It is important that the contacts are sufficiently clean to avoid any connection issues.

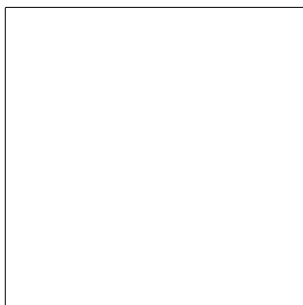
CAUTION: Be careful when cleaning the connector to not damage the contacts with excessive force.

STEP 6 - Use the Alcohol Prep pad to wipe away any debris on the terminal contacts.

STEP 7 - Connect the EAS Switch to the Revolver and slide the Revolver into the PCM.

NOTE: Make sure the connector clips together before installing in the PCM or the EAS switch could disconnect.

STEP 8 - Cover the opening with the provided PCM cover sticker.



STEP 9 - Replace the Emergency Brake and kick panel.

STEP 10 - Reconnect the both batteries.

REVOLVER INSTALLATION 1998-2003 Trucks

REQUIRED TOOLS:

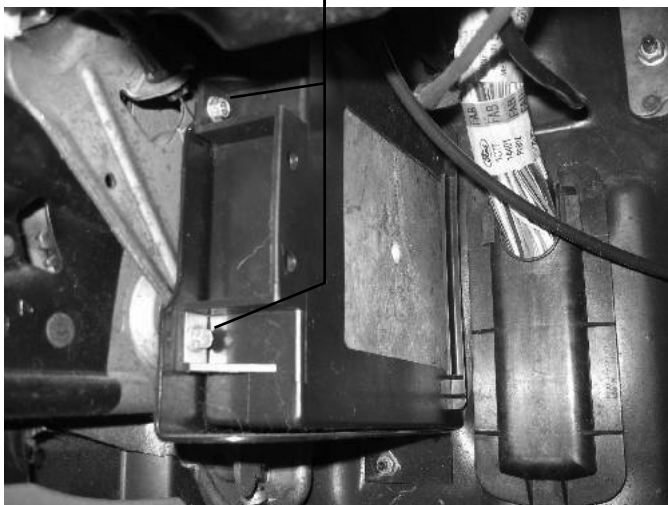
- 10mm Socket
- 5.5mm Socket
- 7mm Socket
- Screw driver

STEP 1 - Remove the keys from the ignition and disconnect both batteries. Failure to do so may cause damage to the PCM and Revolver.

STEP 2 - Locate the wiring harness on the fire wall in the engine compartment that connects to the PCM. Using a 10mm socket remove the bolt and slide the connection out of the firewall.



STEP 3 - From inside the cab remove the (2) 7mm bolt holding the computer in place. For manual trucks this will be a 10mm bolt holding the top and a 10mm nut on the bottom.



STEP 4 - Remove the PCM from the truck by sliding it out slowly.

STEP 5 - Remove the PCM from the plastic housing and remove the plastic cap exposing the terminal.



STEP 6 - With the provided Scotch-Brite pad clean the rubberized protective coating off of the terminal contacts. Both sides of the terminal need to be cleaned. It is important that the contacts are sufficiently clean to avoid any connection issues.

CAUTION: Be careful when cleaning the connector to not damage the contacts with excessive force.

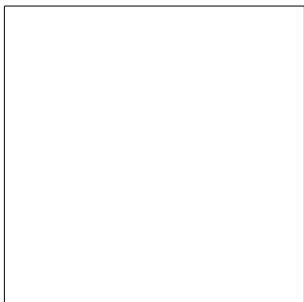
NOTE: For better access to clean the terminal contacts. The (6) 5.5mm bolts can be removed and the PCM split open. This needs to be done in a clean environment.

STEP 7 - Use the Alcohol Prep pad to wipe away any debris on the terminal contacts.

STEP 8 - Connect the EAS Switch to the Revolver and slide the Revolver into the PCM.

NOTE: Make sure the connector clips together before installing in the PCM or the EAS switch could disconnect.

STEP 9 - Cover the opening with the provided PCM cover sticker.



STEP 10 - Slide the PCM back into the plastic housing with the “X” side of the PCM facing toward the fender.



STEP 11 - Replace the bolts or nuts removed earlier holding the PCM in place.

STEP 12 - Reconnect the wiring harness in the engine compartment going through the firewall and tighten the 10mm bolt.

STEP 13 - Reconnect both batteries.

WARRANTY

Powerteq, LLC, (hereafter "SELLER"), subject to the conditions and limitations set forth herein, warrants to the original consumer purchaser only that each Revolver product sold by SELLER (the "Product") through an authorized dealer will be free from defects in material and workmanship under normal operating conditions for one (1) year after the date of purchase. SELLER will repair or replace, at SELLER's option, any Product that is found to be defective in material or workmanship under normal operating conditions during the one-year period after the date of purchase by the original consumer purchaser.

What Is Not Covered by This Warranty?

This warranty does not apply to any of the following:

1. Loss, damage, repairs, or maintenance required as a result of accident, abuse, negligence, or misuse.
2. Loss, damage, repairs, or maintenance required as a result of any third-party tuning software.
3. Loss, damage, repairs, or maintenance required as a result of fire, water, hail, theft, earthquake, wind, ice, lightening, acts of god, accident, animals, corrosive atmosphere, or other external causes beyond the control of SELLER.
4. Any special, indirect, incidental, consequential, or punitive damages, including property damage, arising out of or related to the use or loss of use of the Product under this Limited Warranty.
5. Any Products purchased through auction websites.

Limitation of Liability

The terms of this Limited Warranty constitute the entire agreement between the parties with respect to the Product. The original consumer purchaser's exclusive remedy shall be limited to the repair or replacement of the defective product. EXCLUDING THE LIMITED WARRANTY PROVIDED ABOVE, SELLER, TO THE MAXIMUM EXTENT PERMITTED BY LAW, MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, AND DISCLAIMS ALL WARRANTIES, DUEITES AND CONDITIONS, WHETHER EXPRESS, IMPLIED, OR STATUTORY, WITH RESPECT TO THE WORK, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY REMEDY IS LIMITED TO THE PURCHASE PRICE OF THE PRODUCT.

How to Make a Warranty Claim

Contact Powerteq Customer Service. BUYER will be required to submit proof of purchase from an authorized dealer within 5 days of the warranty claim.

THE INSTALLATION OF THIS PRODUCT INDICATES THAT THE BUYER HAS READ AND UNDERSTANDS THIS AGREEMENT AND ACCEPTS ITS TERMS AND CONDITIONS. IN THE EVENT THAT THE BUYER DOES NOT AGREE WITH THIS AGREEMENT, THE BUYER MAY PROMPTLY RETURN THIS PRODUCT, IN A NEW AND UNUSED CONDITION, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN THIRTY (30) DAYS FROM DATE OF PURCHASE FOR A FULL REFUND.

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For additional questions not found in the user guide call:

Edge Products Technical Support: (888) 360-EDGE (3343) 6:00 am - 6:00 pm MST

**To expedite your support call, please have your Vehicle Information,
Part Number, and Serial Number ready prior to calling Technical Support.**