

COMP



EDGE

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Comp Mobile App

Download Instructions

This product requires a Mobile App to function correctly.

Scan this QR code or visit the link below to find download options for your smartphone. You can also find other useful information and instructions about the Comp on our website.



https://www.edgeproducts.com/products/in-line_chips_and_modules/comp_tuner/

Read Me

Safety Warning & Caution

Throughout this User Manual you will see important messages regarding your safety or the protection of your vehicle. These messages are designated by the words WARNING, CAUTION, or NOTICE.

WARNING

A WARNING indicates a hazardous situation which, if not avoided, will result in death or serious injury.

CAUTION

A CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

A NOTICE indicates a condition that could cause damage to the product or your vehicle.

NOTE

A NOTE is a step or reminder that is important to remember when installing or using the product.

The product you have purchased is a high-performance product. As such, it does present some risks of which you should be fully aware. Do not use this product until you have carefully read the following safety information and the Owner Agreement.

 WARNING: *Prior to use, read the User Manual. Misuse of the device could result in traffic accidents, death or serious injury, and/or damage to your vehicle. HOLLEY IS NOT RESPONSIBLE FOR AND SHALL HAVE NO LIABILITY TO YOU FOR ANY CLAIMS ARISING OUT OF OR RELATING TO ANY MISAPPLICATION OF THE DEVICE, CUSTOM TUNES, IMPROPER USE OF CALIBRATIONS, MALFUNCTION OR LACK OF LEGAL COMPLIANCE FOR CUSTOM PROGRAMS CREATED BY THIRD PARTIES.*

Safety Guidelines



WARNING

Before using device, read and understand the user manual, including these additional safety instructions. Failure to do so could result in DEATH or SERIOUS INJURY.

- Do not exceed legal speed limits on public roadways. Violating traffic laws is dangerous and could result in injury or vehicle damage or both.
- Use any enhanced speed capabilities of this product only in closed circuit, legally sanctioned racing environments expressly for this purpose. Violating traffic laws is dangerous and could result in injury or vehicle damage or both.
- Do not operate the device while driving. Distracted driving could result in traffic accidents, death or serious injury, and/or damage to your vehicle.
- Always perform all adjustments or changes while stopped. Changing a setting while driving can interfere with your attention to roadway conditions and could result in injury or vehicle damage or both.
- Do not stack products. "Stacking" performance-enhancing devices or other improper installation can cause power train failure on the road. Other products may have features incompatible with your device. Follow all installation and operating instructions.
- Some modifications may affect other parts of your vehicle. For example, if you remove/adjust the speed limiter in your vehicle, be sure your tires and other components are rated for the increased speeds they will have to withstand. Not doing so can lead to loss of vehicle control. Modify the speed limiter only for use in closed circuit, legally sanctioned racing environments, not for use on public roadways.

NOTE: The stickers included in some products apply to products that have recieved CARB exemption for emissions compliance.

This product may meet the emissions compliance requirements of the California Air Resources Board and Federal Environment Protection Agency. If so, it is legal for sale and use on pollution-controlled vehicles operated on public streets and highways. The device must be installed and operated according to the instruction provided in this user manual. Included with these compliant products is a sticker for you to keep in your vehicle. You can either adhere it somewhere on the vehicle (e.g., the inside end of driver's door) or simply store it in your glove box. The purpose of these stickers is to inform anyone who may have questions regarding the use of this product and how it affects emissions. For example, it would be something to show an emissions technician if questioned when taking your vehicle in for an emissions check to let him/her know the product is CARB emissions compliant.

FCC & Industry Canada Compliance

MODEL: Parallax FCC ID: 2AA9B05 IC: 12208A-05

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

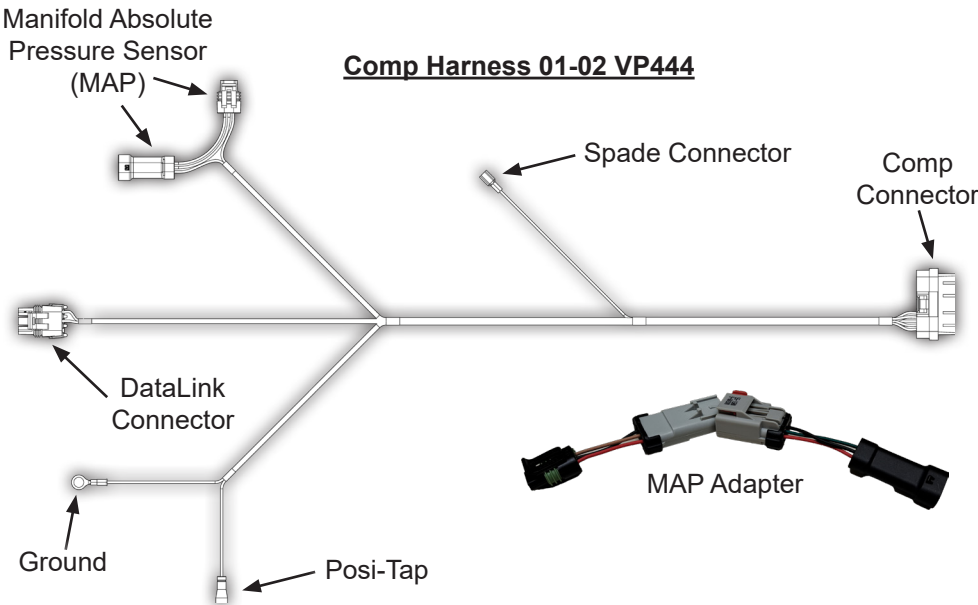
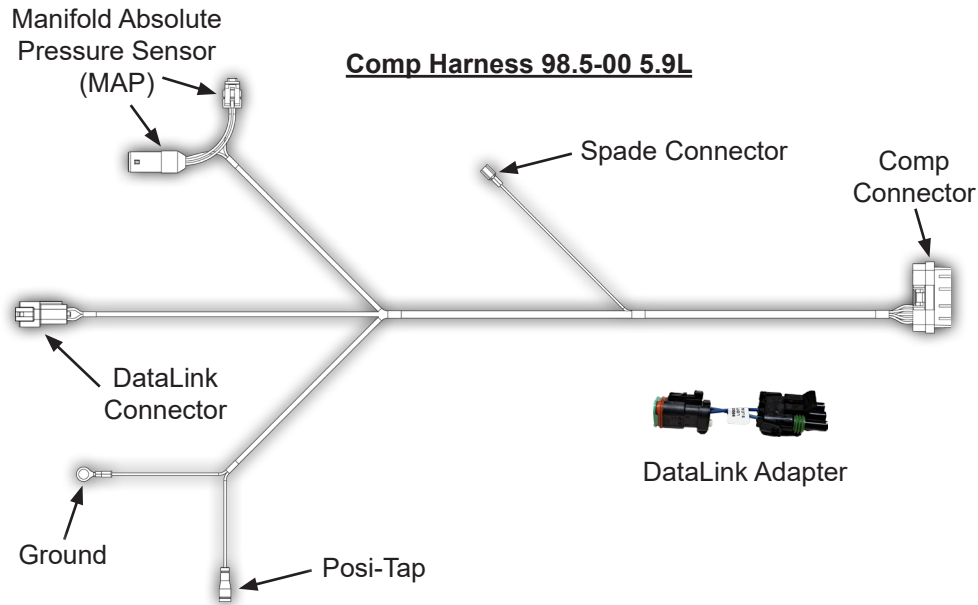
Industry Canada

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

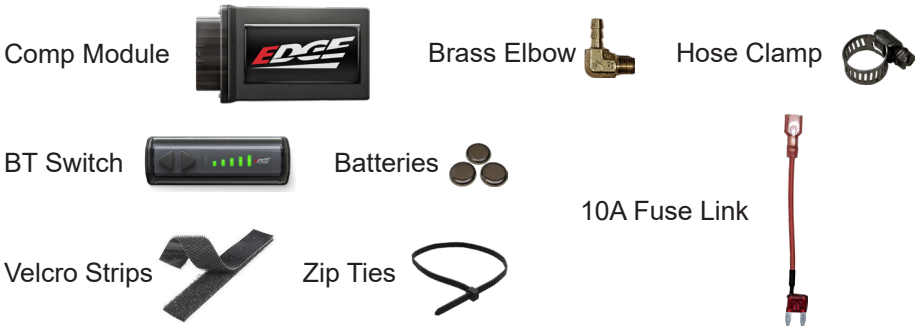
Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Installation of Comp Dodge/Ram 98.5-02

Materials



Materials Cont'd

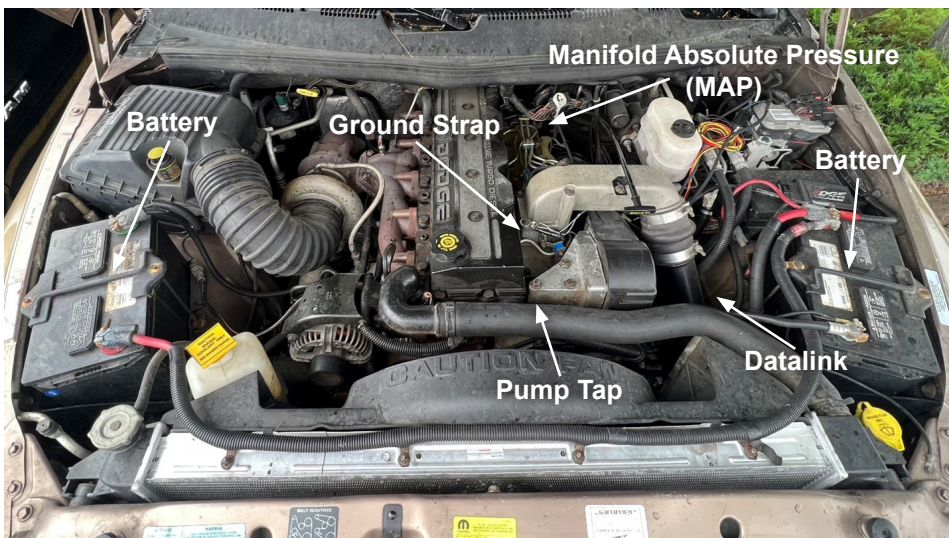


Required Tools

10mm & 13mm Socket/Wrench
5/16ths & 7/16ths Wrench
Precision Knife/Blade

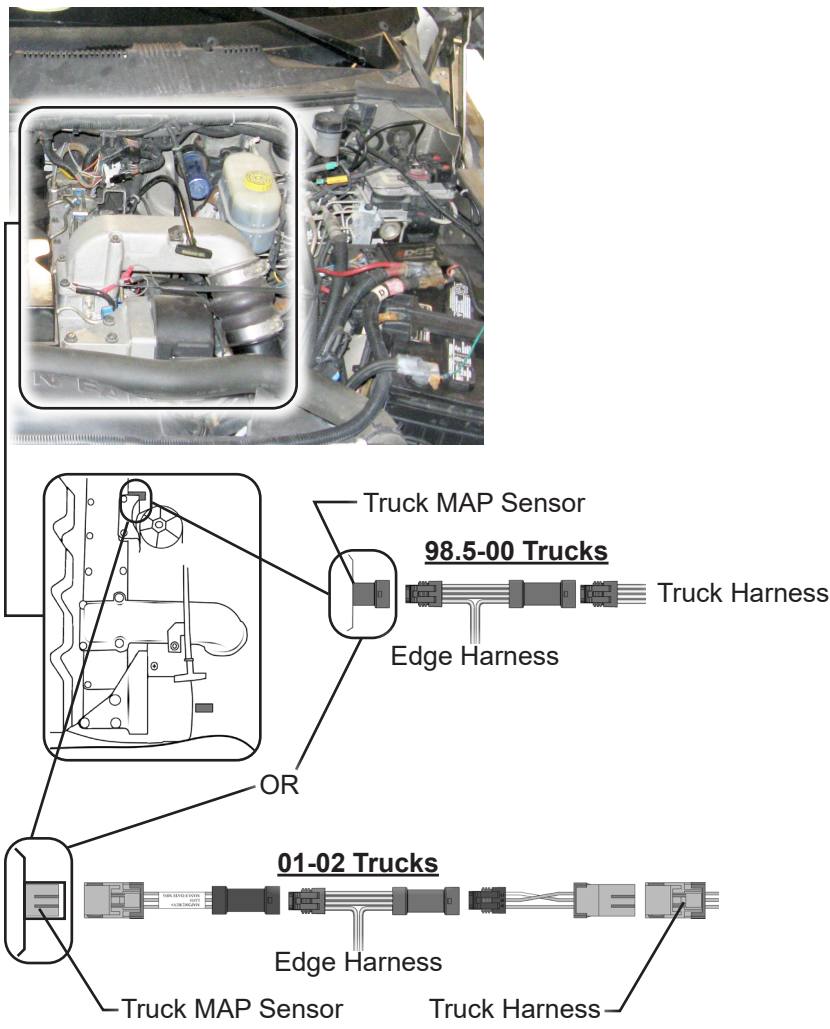
Comp Installation

STEP 1 - Disconnect the negative terminals on each battery using a 13mm socket and wrench to prevent causing trouble codes during the install.



Comp Installation Cont'd

STEP 2 - Locate the MAP sensor on the intake plenum just behind the fuel filter. Disconnect the MAP sensor by gently prying up on the locking tab then slide out the connector. Connect the Comp harness in between the truck MAP sensor and the truck MAP sensor cable. Please use the supplied MAP sensor adapter if the connector on the truck does not match the connector on our harness.



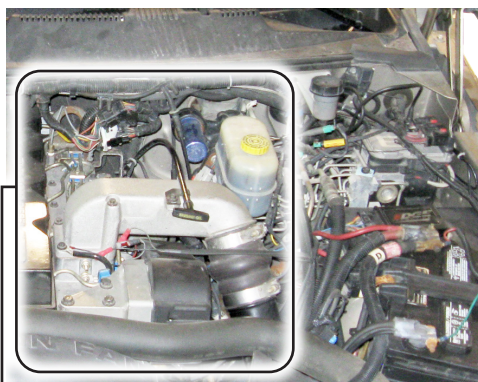
Comp Installation Cont'd

STEP 3 - Locate the Data Link Connector based on vehicle model:

1998.5-1999: The triangle shaped connector is located on the driver's side of the engine in the wiring harness near the power steering pump.

2000-2002: The three-pronged flat connector is located on top of the fuel lift pump that is located on the driver's side of the engine directly below the MAP sensor.

Note: On some 2001 trucks the Data Link connector can be located on the driver's side of the engine in the wiring harness near the power steering pump.



01-02 Trucks

Truck's Data Link  Edge Harness

00 Trucks

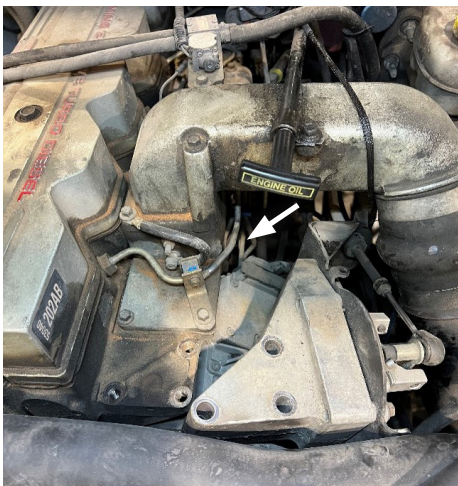
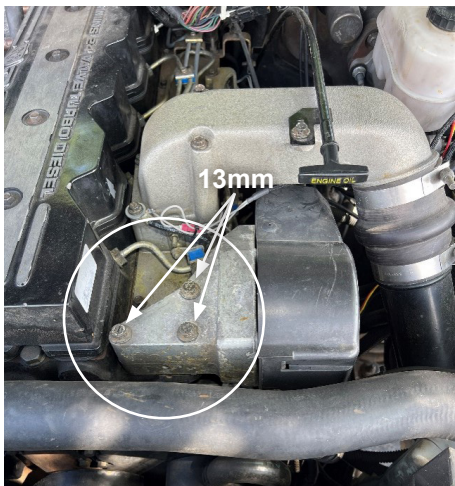
Truck's Data Link  Edge Data Link Adapter  Edge Harness

98.5-99 Trucks

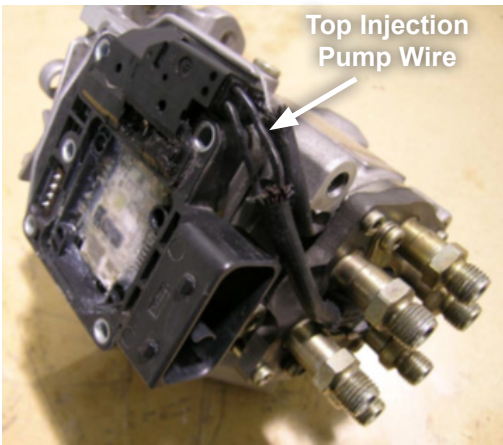
Truck's Data Link  Edge Harness

Comp Installation Cont'd

STEP 4 - Remove the three 13mm bolts holding down the APPS (Accelerator Pedal Position Sensor) and set it aside. Then, locate the two bundles of wires that are visible on the outside of the injection pump right next to the electrical connector. The top bundle (most visible when the APPS is removed) is the wire bundle that we will be tapping.

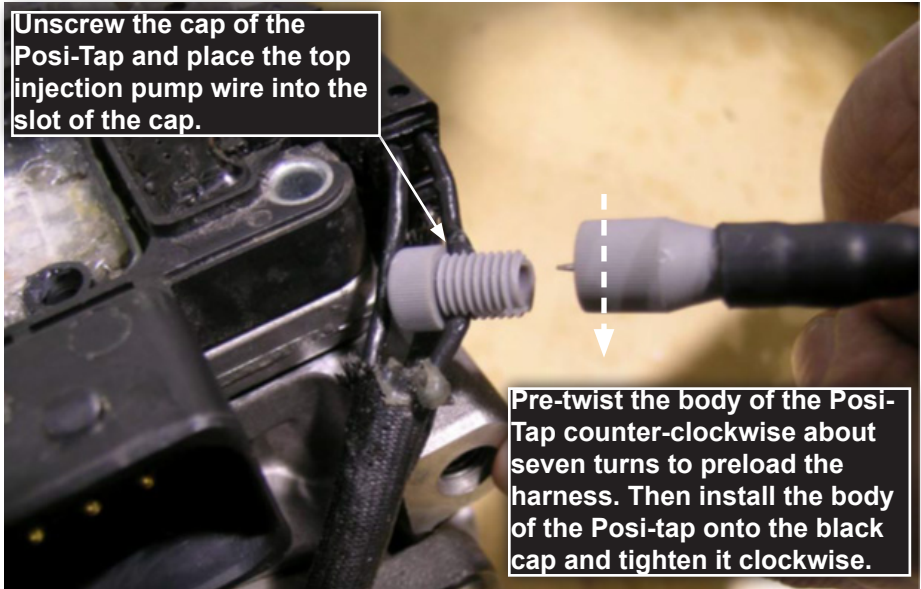


STEP 5 - That wire bundle will contain two wires underneath the protective sheathing. Use a precision knife/blade to cut back about an inch of the protective sheathing. Then, locate the top injection pump wire that is closest to the engine block.



Comp Installation Cont'd

STEP 6 - Install the Posi-Tap according to the image below. Once installed, reinstall the APPS and tighten the three 13mm bolts.



STEP 7 - Locate the ground strap that is attached to the intake horn and remove the 10mm bolt holding it down. Install the ground wire from the Comp harness and reinstall the 10mm bolt onto the intake horn.

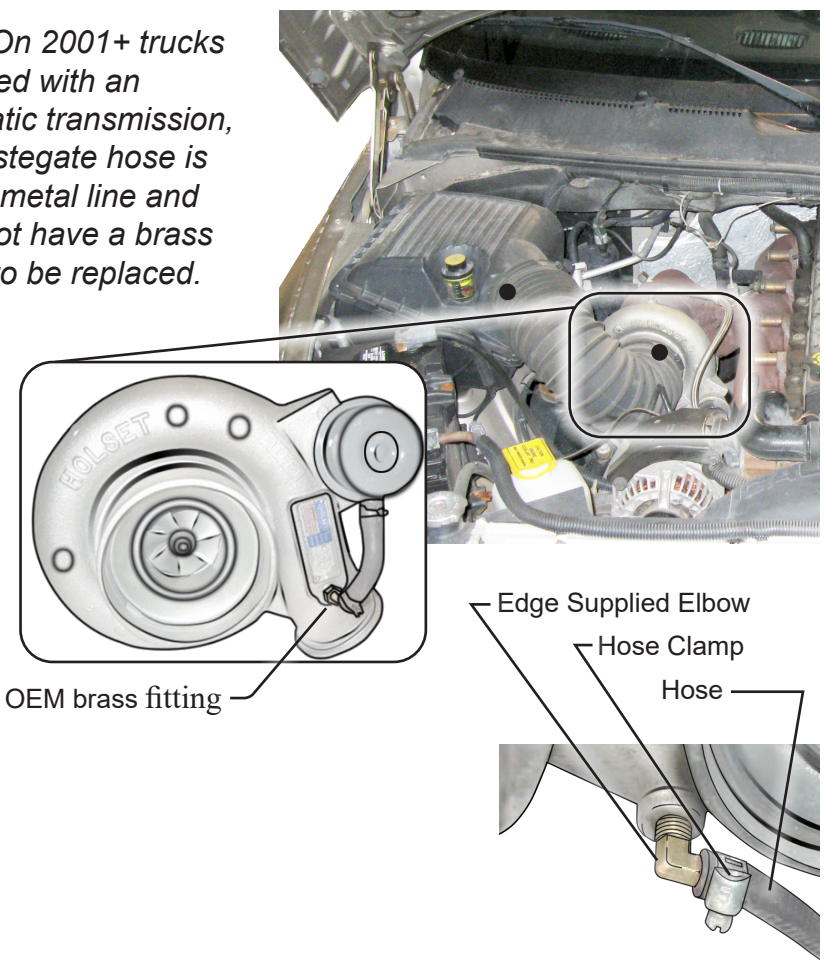


Comp Installation Cont'd

STEP 8 - Use a 5/16 socket to remove the intake hose leading to the turbo inlet and set aside.

STEP 9 - Remove the clamp and hose from the compressor housing of the turbo that leads to the wastegate. Then use a 7/16 wrench to unscrew the factory brass fitting out of the turbocharger compressor housing. Install the supplied brass elbow with a 7/16 wrench and slip the wastegate hose back on with the supplied worm gear clamp. Tighten hose clamp and reinstall the intake hose onto the turbo inlet.

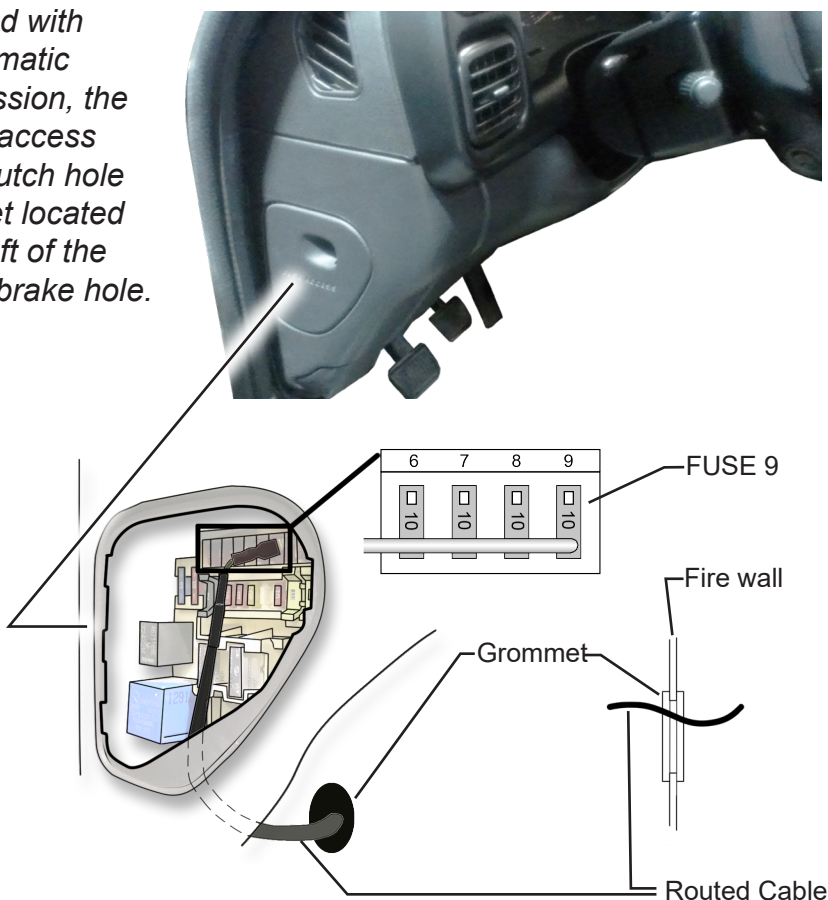
Note: On 2001+ trucks equipped with an automatic transmission, the wastegate hose is a solid metal line and does not have a brass elbow to be replaced.



Comp Installation Cont'd

STEP 10 - Locate the spade connector and a suitable grommet in the firewall. Using a razor or precision knife, cut a ½" slot through the grommet and pass the spade connector from the engine bay into the cab of the truck, then attach the supplied 10 Amp fuse to the spade connector. Remove the Fuse Access Panel from the driver side of the dashboard and replace Fuse 9 with the supplied 10 Amp fused lead.

Note: For trucks equipped with an automatic transmission, the easiest access is the clutch hole grommet located to the left of the firewall brake hole.



Comp Installation Cont'd

STEP 11 - Clean the fuse box lid located on the driver side of the engine bay. Connect the Comp harness to the Comp box and use the included Velcro to secure it to the fuse box lid.



STEP 12 - Use the provided zip-ties to secure the harness away from any hot surface and moving components in the engine bay.

STEP 13 - Reconnect the negative terminals on the batteries.

Bluetooth Switch Pairing

STEP 1 - Remove the back-plate from the switch, install the three included batteries, reinstall the back-plate. The switch should immediately start scrolling which signifies that it is in the pairing mode. (Ensure the mobile App is Closed before pairing switch)

STEP 2 - Turn the ignition/key to the on-position with the Comp installed.

STEP 3 – While the LEDs on the switch are scrolling, hold the switch on top of the Comp module. Once paired to the module, the lights on the switch will display the current power level.

***TIP:** If the LEDs on the switch stop scrolling before being paired, press an arrow buttons on the switch to re-start pairing sequence and try again.*

***NOTE:** The switch cannot be used if the Comp app is open. The switch and the app will need to be used separately.*



Using the Bluetooth Switch

Once paired, the switch will briefly display what level the module is currently in. Pushing the left arrow button will lower the current power level and the right arrow button will raise the current power level.

Power Levels:

S - Stock

1 - Level 1

2 - Level 2

3 - Level 3

4 - Level 4

5 - Level 5



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FAQs

Frequently Asked Questions

Question: Why doesn't the MAP/DataLink connect to the Comp harness?

Answer: It's possible that the supplied adapters need to be used or removed to ensure proper installation. If neither the harness or adapters fit, it is possible that you received the incorrect product. (1998.5-2000 connectors are not compatible with 2001-2002 connectors.)

www.EDGEPRODUCTS.com

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For additional questions not found in the user guide, call:

Holley Technical Support: (888)-360-3343

Mon - Fri 8:00 am - 5:00 pm MST, Sat 8:00 am - 2:00 pm MST

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

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