



***2022.5+ Silverado/
Sierra 3.0L LM2/LZ0***

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EZX Mobile App

Download Instructions

This product requires a Mobile App to function correctly.

To find the download link for your Smart Phone, please scan this QR Code, or visit the link below. You can also find other useful information and instructions about the EZX on our website.



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

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.

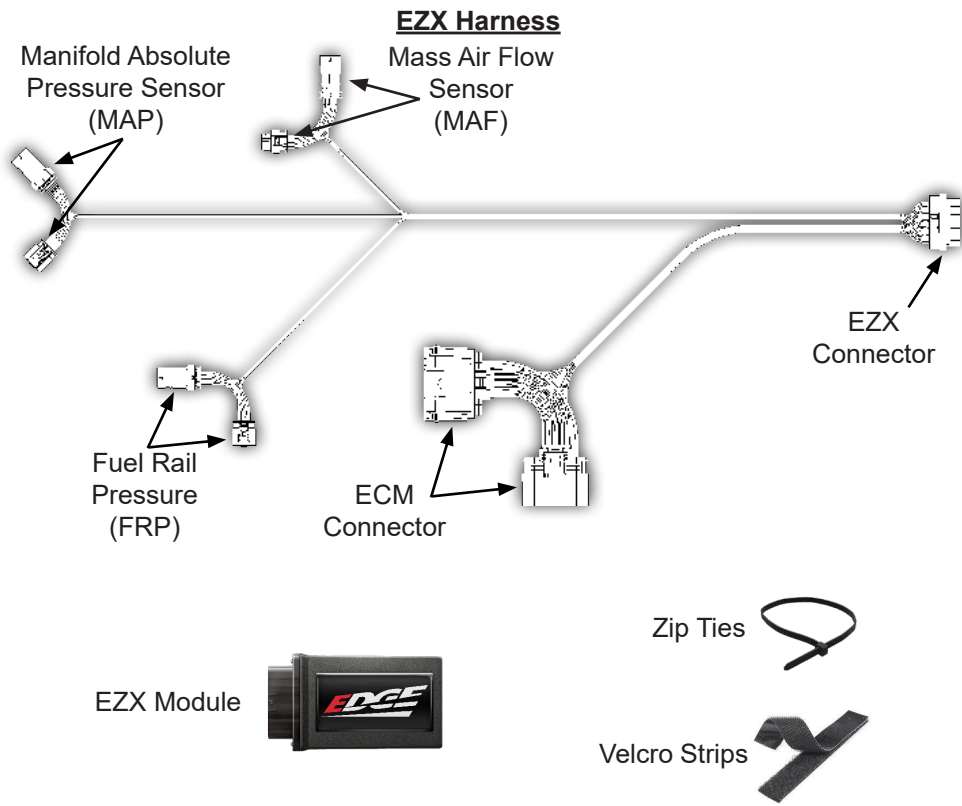
Industry Canada

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 autorisee aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnememnt.

Installation of EZX Silverado/Sierra 20-22 3.0L

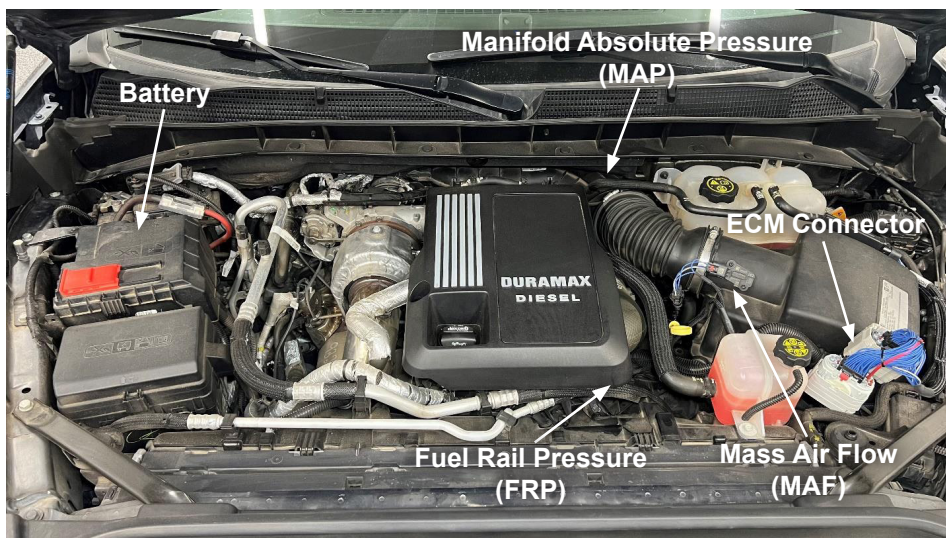
Materials



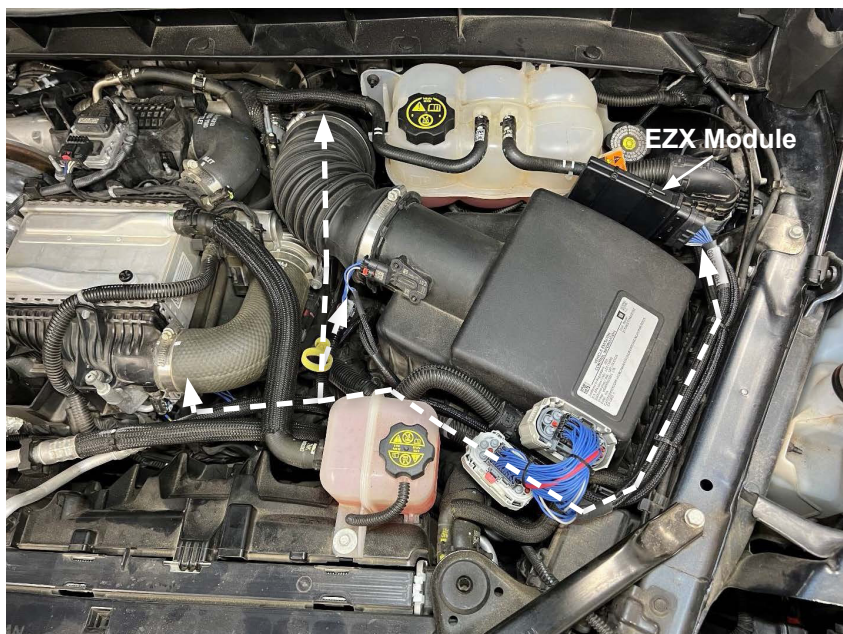
Required Tools

10mm, 8mm, 7mm Socket/Wrench
Pick Tool

EZX Installation

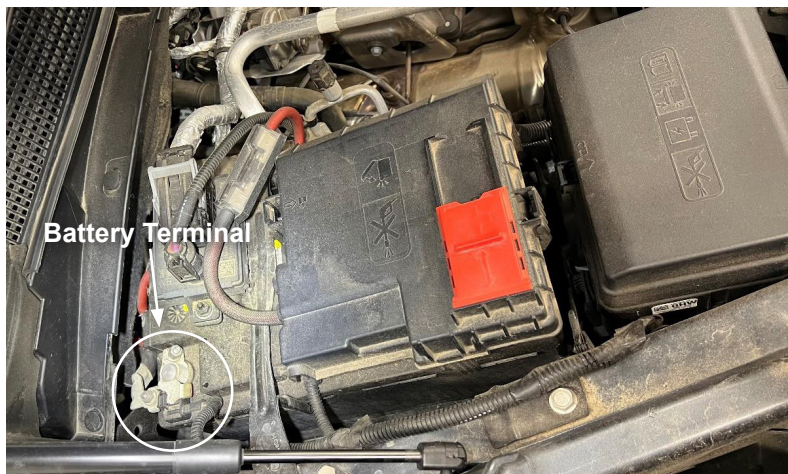


Recommended Harness Routing:

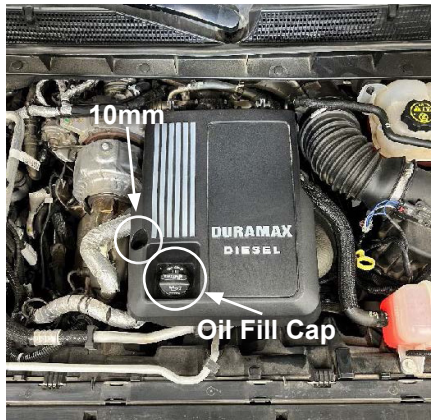


EZX Installation Cont'd

STEP 1 - Disconnect negative terminal on the battery, this is to prevent getting trouble codes from disconnecting sensors.

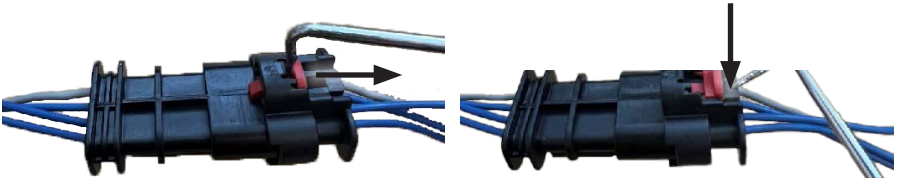


STEP 2 - Loosen the 10mm bolt holding down the engine cover and remove the oil fill cap. Then pull up and out towards the front of the vehicle. Temporarily replace the cap to prevent anything from going into the engine during install.

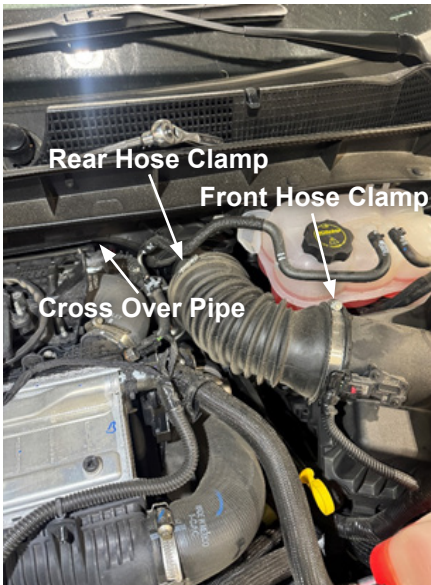


EZX Installation Cont'd

STEP 3 - Disconnect the MAF (Mas Air Flow) Sensor from the intake box. Pull the red locking tab out then depress the release tab to disconnect the connector.



STEP 4 - Loosen both hose clamps holding the intake elbow on with a 7mm socket and wrench. Remove intake elbow and set aside.

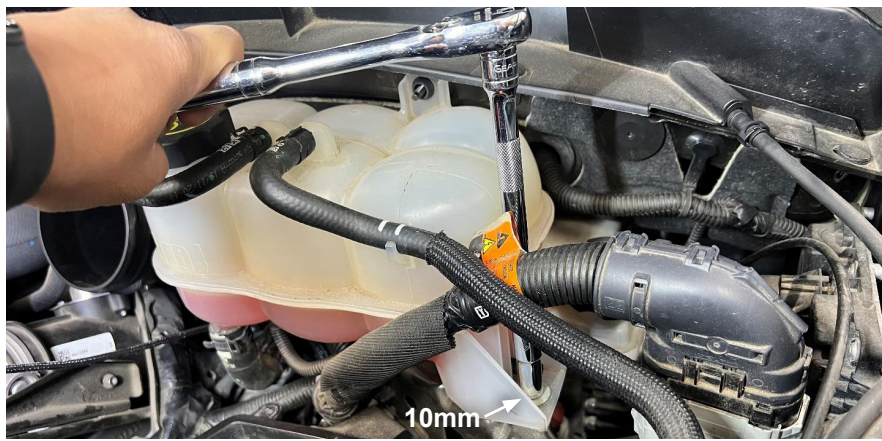


EZX Installation Cont'd

⚠WARNING: *The MAP and MAF connectors appear identical. The harness will have labels for each connector location. In the case that these labels are not visible/present, the shorter harness will be for the MAF and the longer harness will be for MAP. Connecting these wrong will cause a check engine light and drivability issues.*

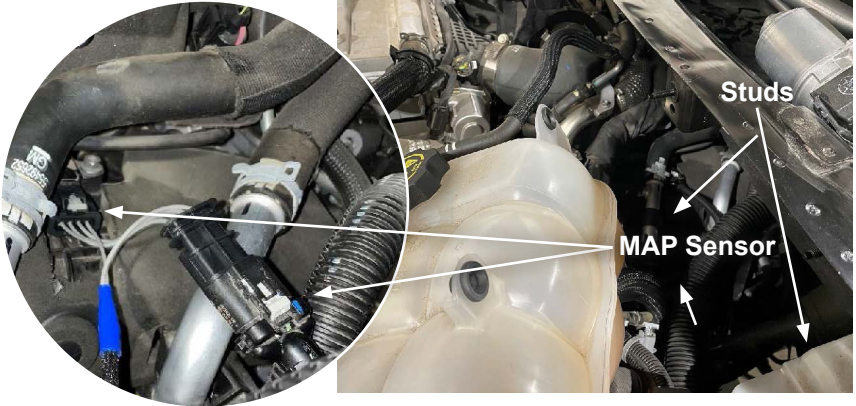


STEP 5 - Remove the 10mm bolt holding the coolant reservoir. This will allow more movement/working area behind the coolant reservoir.



EZX Installation Cont'd

STEP 6 - Remove the reservoir off of the two studs holding it onto the firewall. This will give us access to the MAP sensor.

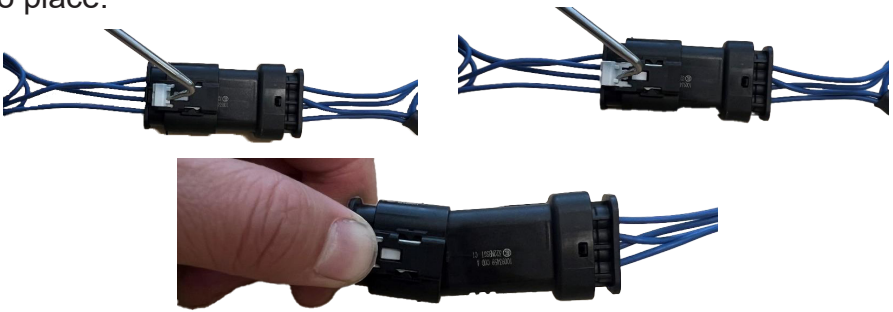


STEP 7a - Please move onto step 7B if you have an LZ0 engine. If you have the LM2 engine with the refreshed interior, you will need to use the included MAP sensor adapters. Plug in the MAP sensor adapters to both ends of the EZX MAP harness.



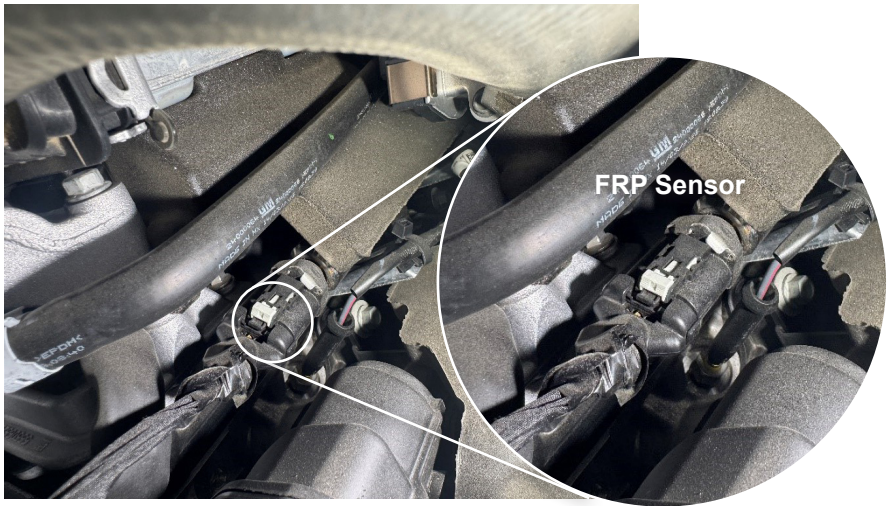
EZX Installation Cont'd

STEP 7b - Disconnect the MAP (Manifold Absolute Pressure) Sensor by sliding the grey locking tab out ward then depress that same locking tab to disconnect the harness from the sensor. Then connect the EZX harness into both ends. Route the MAP sensor underneath the coolant reservoir anvd reinstall the reservoir back into place.



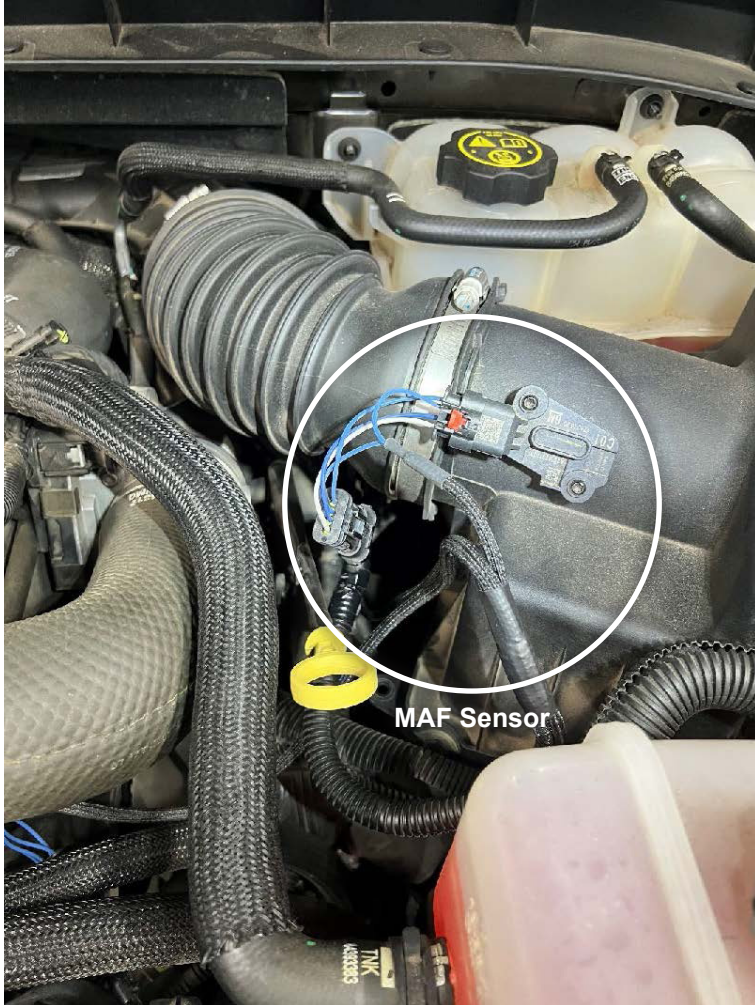
⚠️ REMINDER: The MAP and MAF connectors are identical. Refer back to page 10 for more details.

STEP 8 - Disconnect the FRP (Fuel Rail Pressure) Sensor by sliding the grey locking tab outward then depress that same locking tab to disconnect the harness from the sensor. Then connect the EZX harness into both ends.



EZX Installation Cont'd

STEP 9 - Reassemble the intake elbow, engine air filter, and intake lid while making sure to route the EZX harness under the intake elbow. Connect both ends of the EZX harness to the MAF harness and MAF sensor.

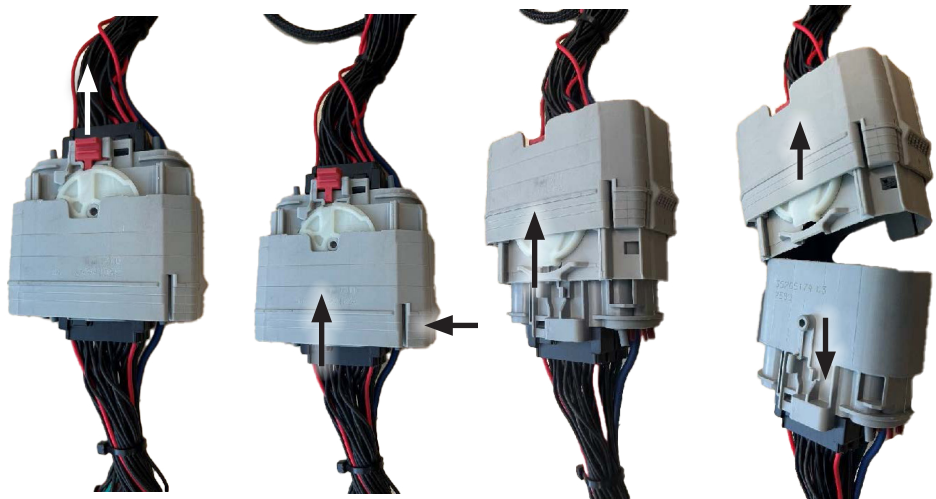


EZX Installation Cont'd

STEP 10 - Locate the ECM connector located in front of the intake box, then disconnect the harness. Connect the EZX ECM connection to both sides of the vehicle harness.



Note: To disconnect the ECM connector, pull the red locking tab up. Then, locate the release tab on the bottom corner of the connector. Once depressed, the connector can slide upward towards the red locking tab. The connector should pull apart.



EZX Installation Cont'd

STEP 11 - Connect the EZX module to the harness and route the rest of the EZX harness around the intake box. Secure the harness and module using the provided zip-ties as seen in the image below.



STEP 12 - Reconnect the negative terminal on the battery.

FAQs

Frequently Asked Questions

Question: What should I do if I'm getting codes or a check engine light on my truck?

Answer: This can happen if the truck is not fully powered down before installing the EZX (battery is not disconnected), or because of improper installation of the EZX.

Fix 1: Double check all EZX connections, and make sure all connections are fully making contact.

Fix 2: If codes are still coming up, use the EZX app to read and clear codes, and then drive the vehicle to see if they come back up. If the codes persist, call tech support.

Question: Will my Insight work with the EZX?

Answer: Yes, the Insight will work alongside the EZX. However, the Insight does not have the ability to change the EZX options.

Question: Can I shift on the fly with the EZX?

Answer: Yes, this device allows you to shift power levels on the fly using the EZX app.

Question: Does the EZX program the PCM?

Answer: No, the EZX only programs the BCM (Body Control Module) in order to adjust the TPMS.

Question: What is the best way to accurately measure tire size?

Answer: Mark a line on the ground where the center of the tire rests, then drive the vehicle for two full rotations of the tire and mark the spot where it comes to a rest with another line. Measure the length between the two lines and divide by two. Then divide that number by Pi π (3.14159265359).

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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

**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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