



# Table of Contents

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2	<b>EZX Mobile App</b>
2	Download Instructions
3	<b>Read Me</b>
3	Safety Warning & Caution
4	Safety Guidelines
5	FCC & Industry Canada Compliance
6	<b>Installation of EZX Chevy Silverado 20-22 3.0L Duramax</b>
6	Materials
7	EZX Installation
12	<b>Power Levels</b>
12	Steering Wheel Controls
12	Power Levels Setup
14	Changing Power Levels
15	<b>FAQs</b>

## EZX Mobile App

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### Download Instructions

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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/](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.*

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## Safety Guidelines

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**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.

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## **FCC & Industry Canada Compliance**

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**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.*

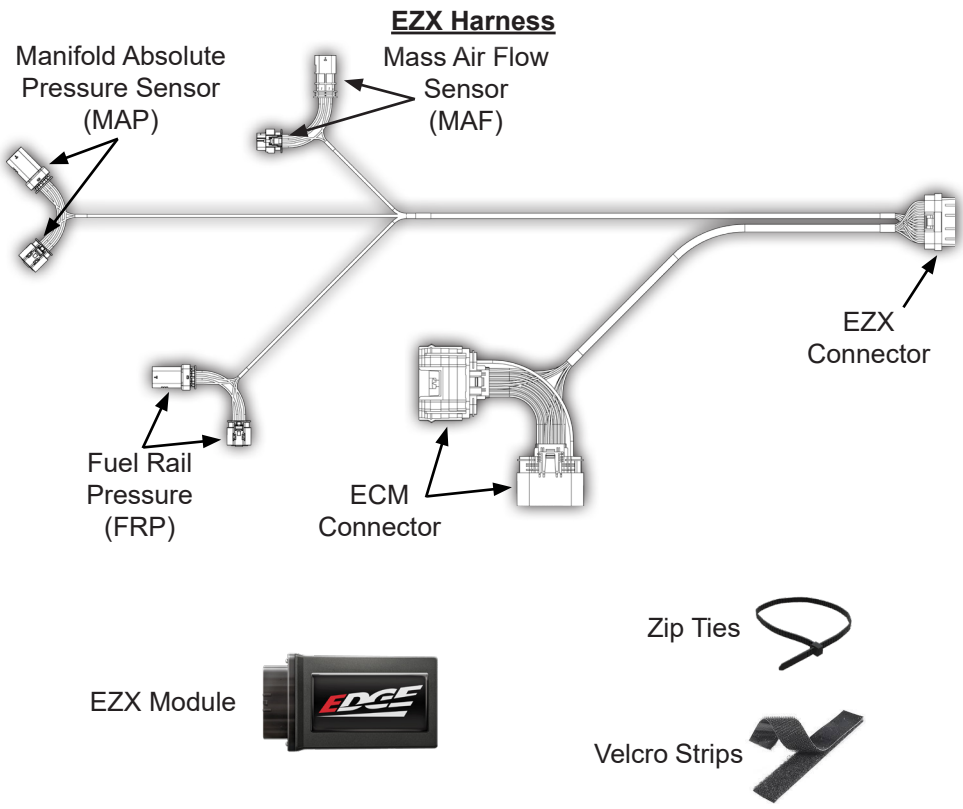
### **Industry Canada**

*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 Chevy Silverado 20-22 3.0L

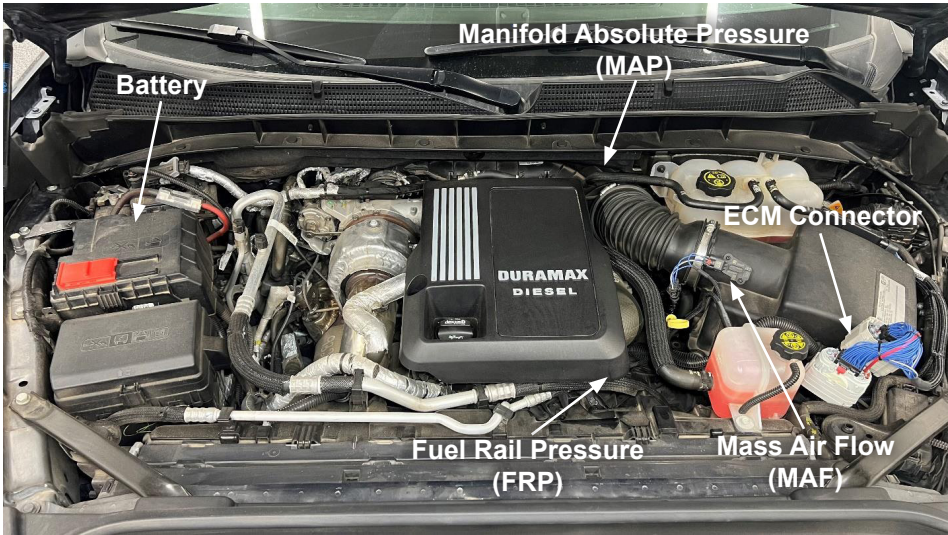
## Materials



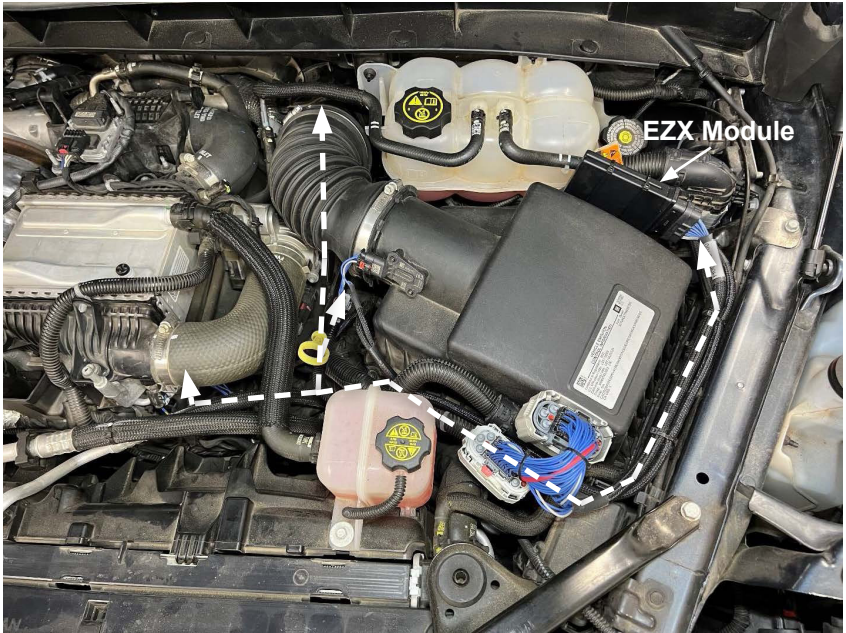
## Required Tools

- 10mm, 8mm, 7mm Socket/Wrench
- Pick Tool
- Needle Nose Pliers

# EZX Installation



**Harness Routing** - During this install, you will be installing a harness that needs to be connected to various sensors and components in your vehicle. Below is an outline of the harness routing.



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# EZX Installation Cont'd

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**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.



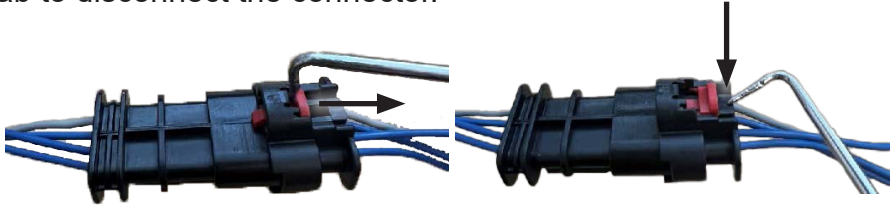


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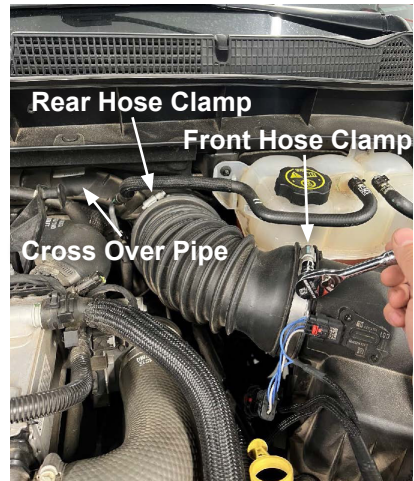
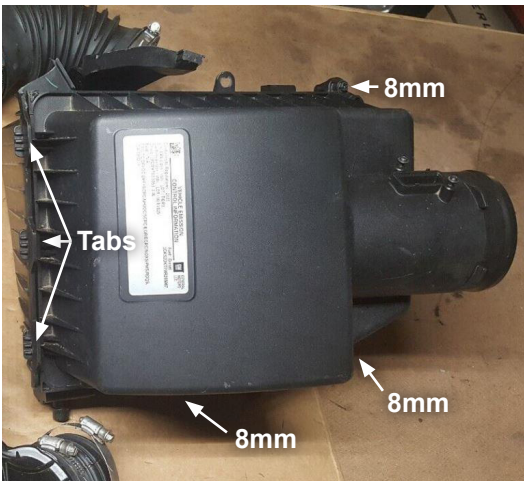
## EZX Installation Cont'd

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**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** - Remove the three 8mm screws that hold down the airbox lid, and loosen both hose clamps holding the intake elbow on with a 7mm socket and wrench. Lift the airbox and slide it out from the tabs that secure the lid onto the bottom of the intake box and slide the intake elbow off the intake cross over pipe. Remove intake lid, intake elbow, engine air filter and set aside.

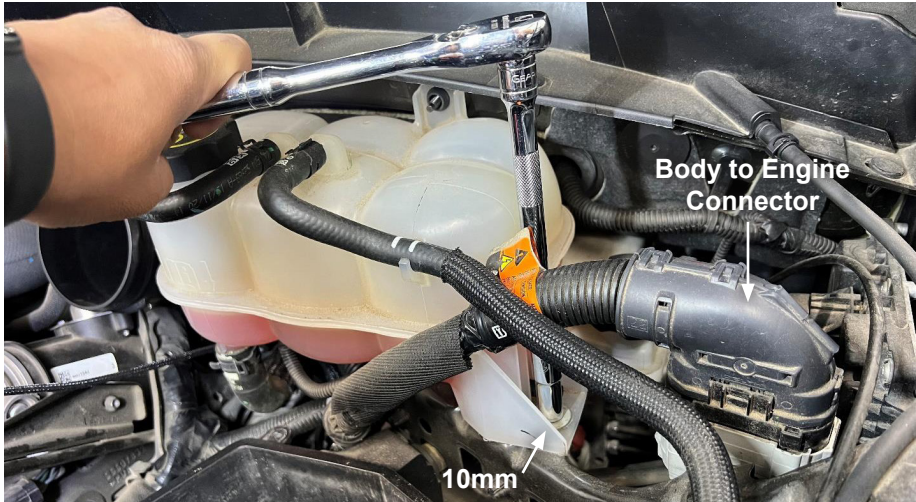


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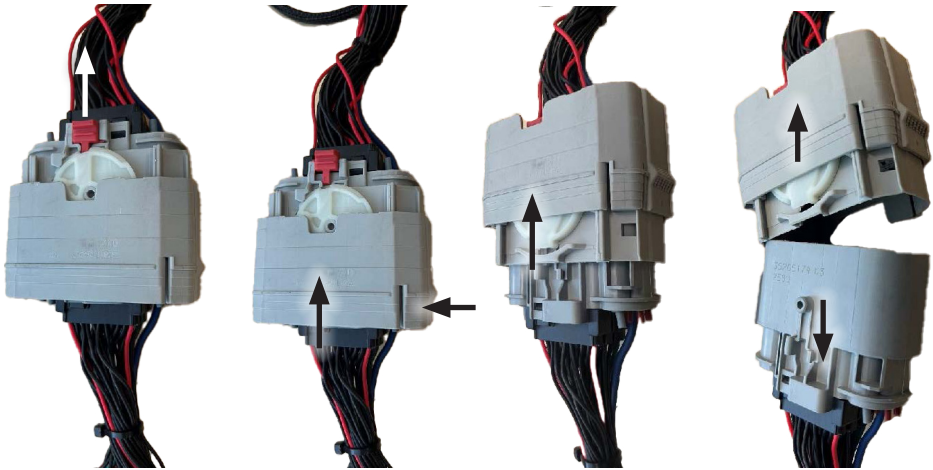
## EZX Installation Cont'd

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**STEP 5** - Remove the 10mm bolt holding the coolant reservoir and remove the body to engine harness right beside it. This will allow more movement/working area behind the coolant reservoir.



**STEP 6** - Pull the red locking tab up. Then, locate the release tab on the bottom corner of the connector. Once depressed, the sleeve of the connector can slide up towards the red locking tab. This rotates the cam lock and allows you to remove the connector entirely.



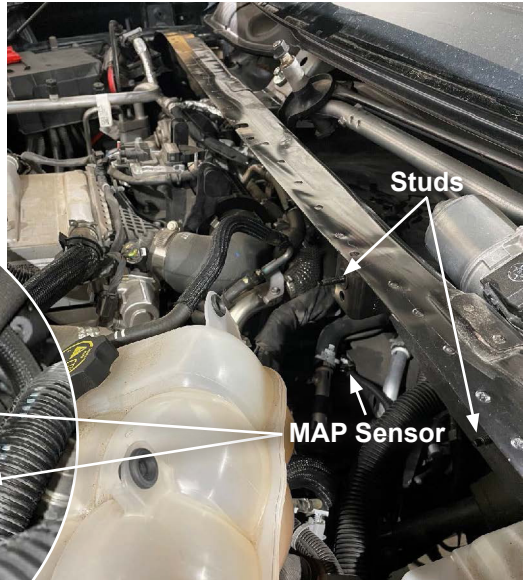
**Note:** Do not connect the EZX harness' ECM connector to the Body to Engine connector.

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## EZX Installation Cont'd

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**STEP 7** - Remove the reservoir off of the two studs holding it onto the firewall. This will give us access to the MAP sensor.



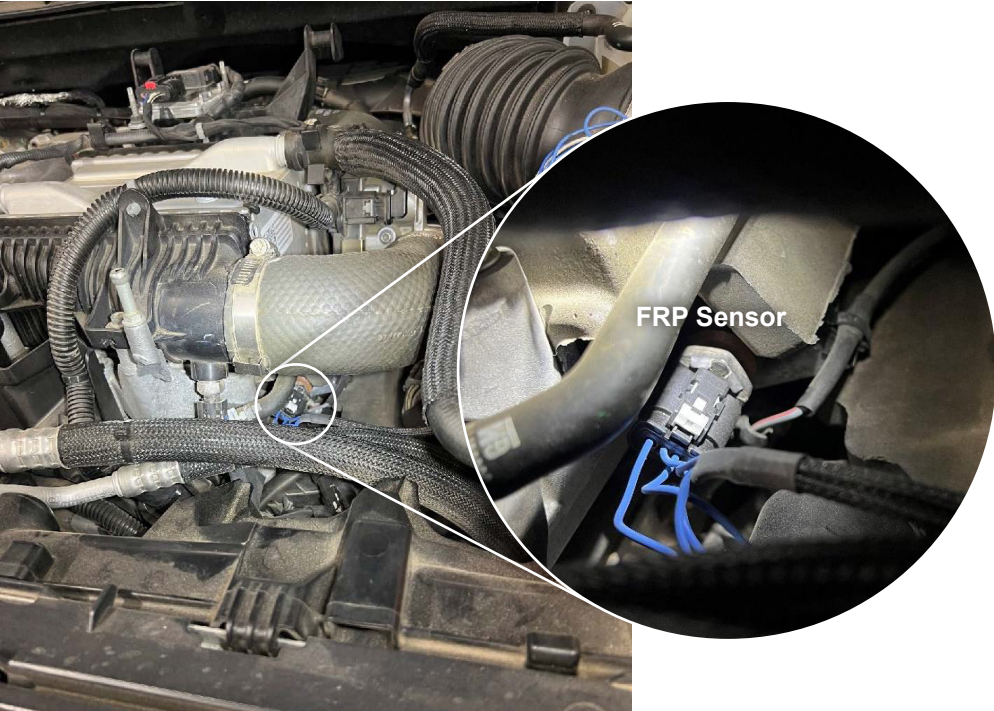
**Note:** *The MAP sensor connector and FRP sensor connector are identical. On the EZX Harness, the MAP sensor connector will have a longer pigtail.*

**STEP 8** - 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 and reinstall the reservoir back into place.

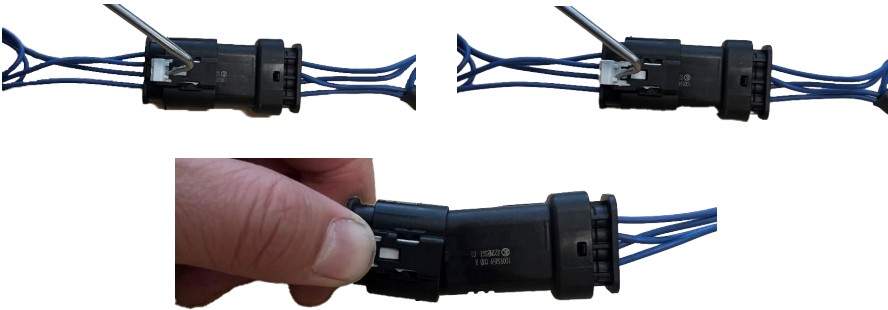


# EZX Installation Cont'd

**STEP 9** - Disconnect the FRP (Fuel Rail 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.



***Note:** The MAP sensor connector and FRP sensor connector are identical. On the EZX Harness, the MAP sensor connector will have a longer pigtail.*

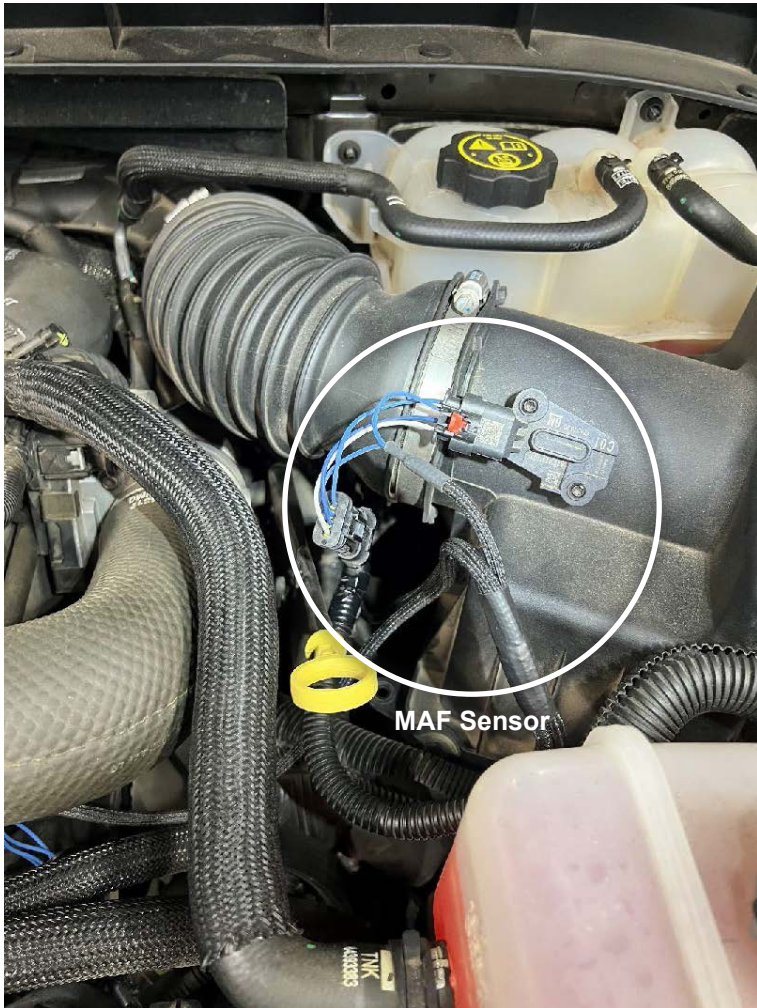


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## EZX Installation Cont'd

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**STEP 10** - Reassemble the intake elbow, engine air filter, and intake lid while making sure to route the EZX harness under the intake elbow. Then reconnect the body to engine connector next to the coolant reservoir disconnected earlier (step 5). Connect both ends of the EZX harness to the MAF harness and MAF sensor.

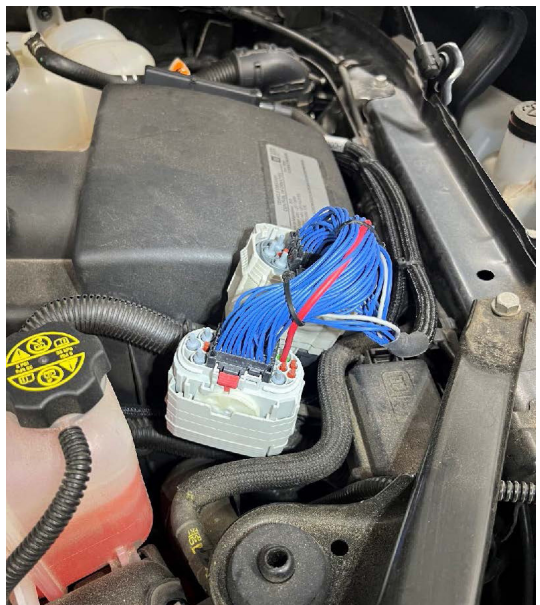


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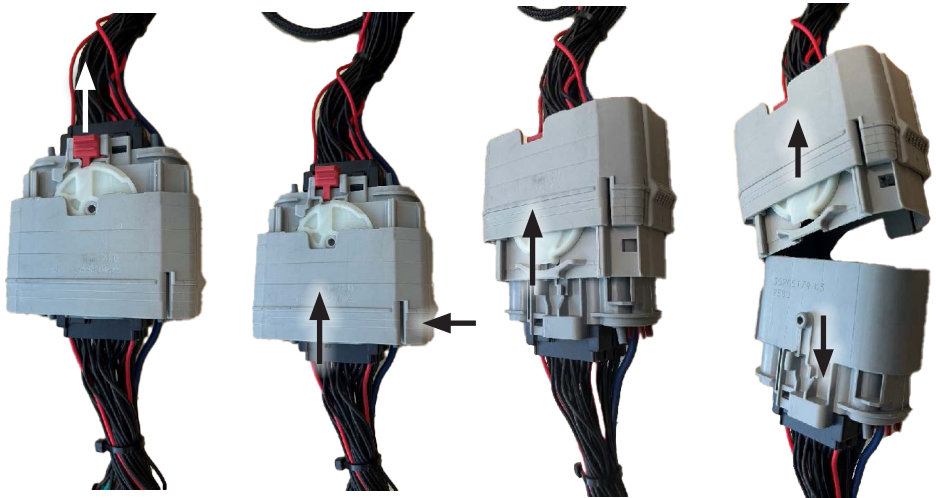
# EZX Installation Cont'd

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**STEP 11** - Locate the ECM connector located in front of the intake box, then use the same process from step 6 to disconnect the connector. Connect the EZX ECM connection to both sides of the vehicle harness.



***Reminder:** 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.*



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## EZX Installation Cont'd

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**STEP 12** - 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.



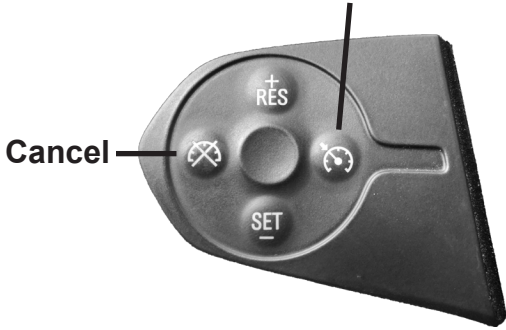
**STEP 13** - Reconnect the negative terminal on the battery.

# Power Levels

## Steering Wheel Controls

With cruise control off, the EZX is controlled using the Cruise Control buttons.

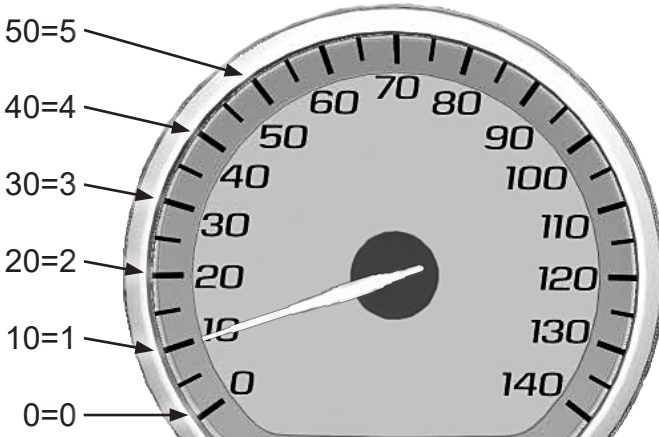
Cruise Control On/Off



Function	Key
Level Up	RES+
Level Down	SET-
View Level	Cancel

## Speedometer Levels Explained

Power Levels are displayed through the Speedometer. Every 10 mph marker is one step higher: 10=1, 20=2, 30=3, 40=4, etc.





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## Levels Explained

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There are 5 available level options:

- Level 0 - STOCK
- Level 1 - ECONOMY
- Level 2 - HEAVY TOW
- Level 3 - DRIVE / LIGHT TOW
- Level 4 - PERFORMANCE
- Level 5 - EXTREME

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## Changing Power Levels

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**STEP 1** - Start the engine.

**NOTE:** *Cruise Control cannot be active during power level changing. If Cruise Control is active, the left keypad cannot control the EZX module.*

**STEP 2** - Press the Cancel button on the left keypad, the speedometer spindle should immediately move to the currently set Power Level

**STEP 3** - Use the RES+ and the SET- buttons to adjust Power Level, RES+ to increase and SET- to decrease.

**To exit, simply wait 3 seconds for it to time out. Changes are instantly saved as they are adjusted.**

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# FAQs

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## Frequently Asked Questions

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**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 cruise controls or 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  $\pi$  (3.14159265359).

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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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