

**MAX**



**EDGE**

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## 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**

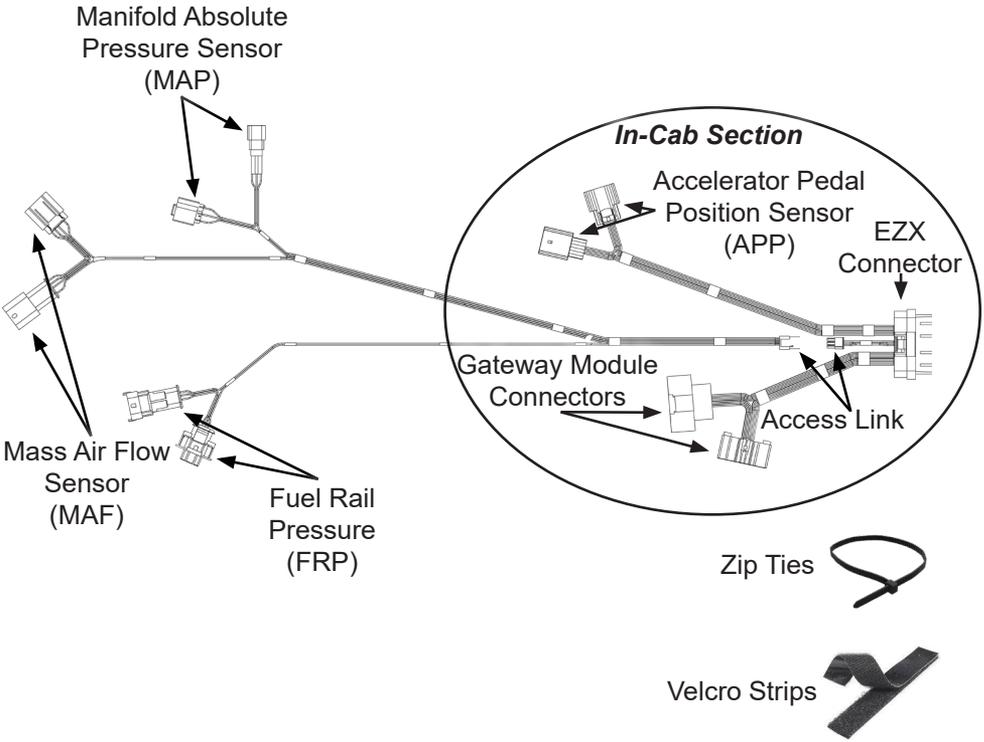
*This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.*

*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 17-19 Ford

## Materials

### EZX Harness



## Required Tools

- 10mm Socket/Wrench
- Precision Knife or similar tool

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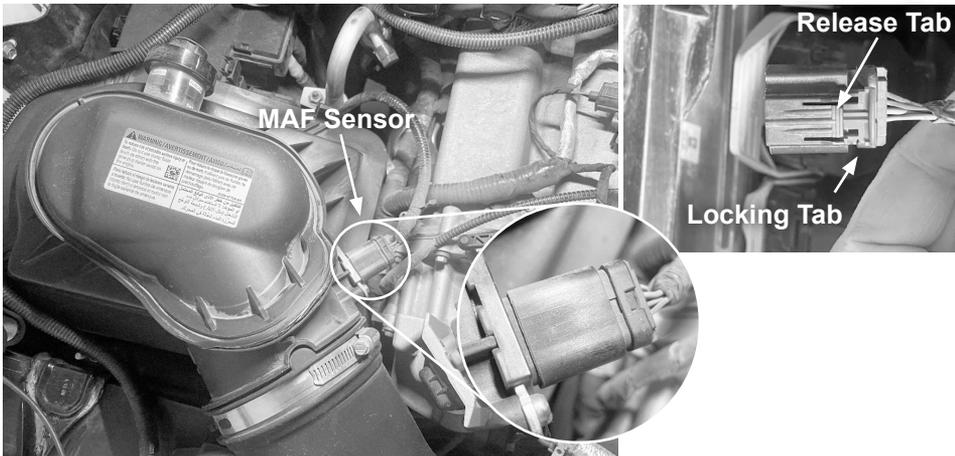
## EZX Installation

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**STEP 1** - Disconnect the negative terminal on both batteries using a 10mm socket & wrench to prevent getting trouble codes during install.



**STEP 2** - Locate the MAF connector on the intake box, and disconnect it by sliding the locking tab up, then squeezing the release tab. Connect both connectors to the EZX harness.

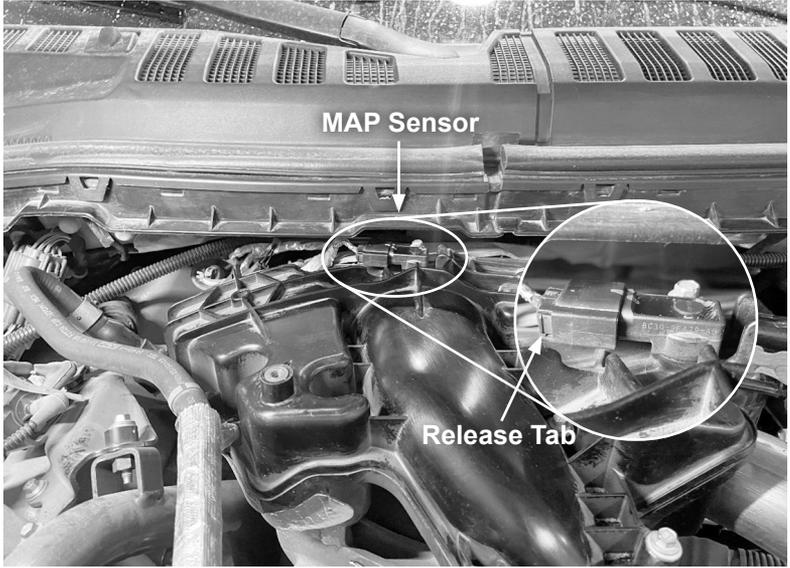


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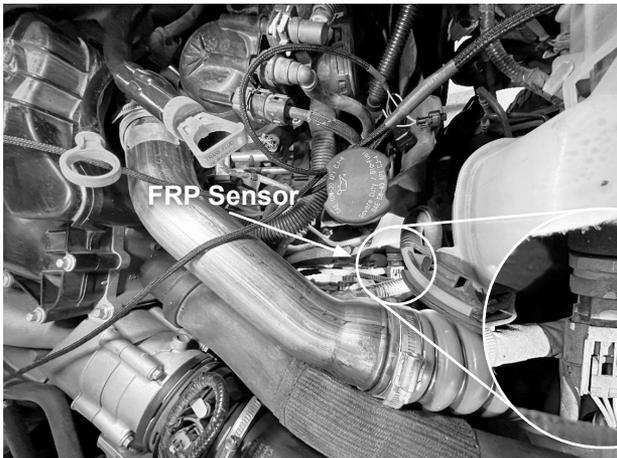
## EZX Installation Cont'd

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**STEP 3** - Locate the MAP connector on the intake manifold by the firewall, and disconnect it by pushing in the release tab located on the side of the connector facing the front of the vehicle. Connect both connectors to the EZX harness.



**STEP 4** - Locate the FRP Sensor below the coolant reservoir, and disconnect it by pushing in the release tab and unplugging it. Connect both connectors to the EZX harness.



**NOTE:** The FRP Sensor is between the coolant reservoir, oil fill cap, and alternator. It can be accessed through the front of the engine between the radiator hose and intercooler piping.

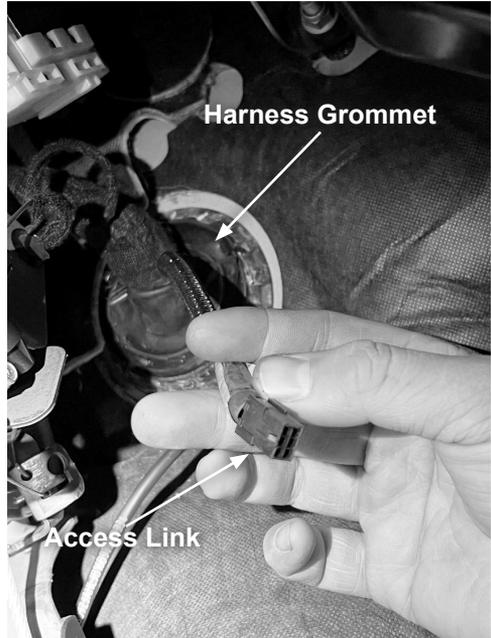
## EZX Installation Cont'd

*(Inside Cab)*

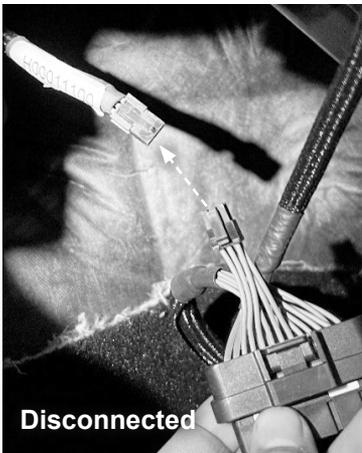
**STEP 5** - Locate the large grommet with the large harness running through the firewall and cut an access hole through both layers.

**STEP 6** - Disconnect the 6-pin Access Link on the EZX harness by depressing the release tab.

**STEP 7** - Feed the 6-pin Access Link connector from the engine bay through the firewall via the access hole.



**STEP 8** - Reconnect the 6-pin Access Link connectors back together inside the cab.



Disconnected



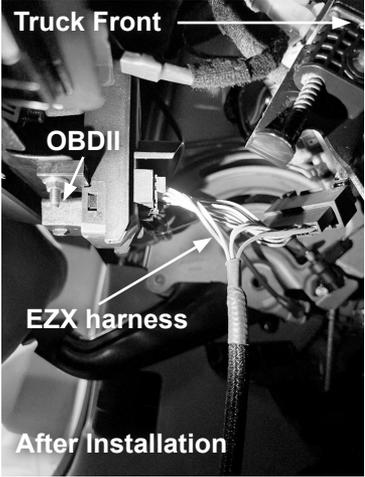
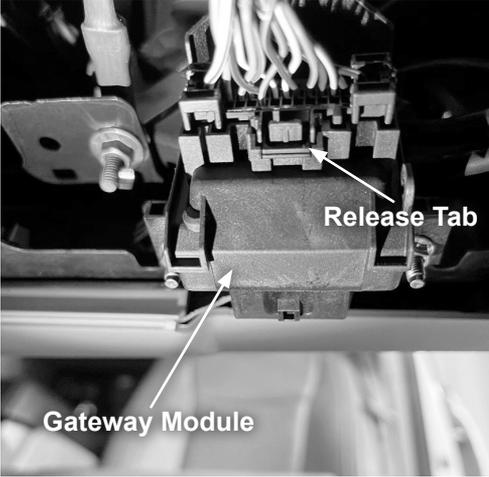
Reconnected

# EZX Installation Cont'd

**STEP 9** - Locate the APP Sensor above the accelerator pedal and disconnect it by pulling up on the red locking tab and then pushing in the release tab. Connect both connectors to the EZX harness.



**STEP 10** - Disconnect the Gateway Module connector that is located behind the OBDII port. (**NOTE:** The OBDII port is located below the dashboard above the brake pedal.) Push in on the release tab located on the bottom side of the connector, then pull to disconnect. Connect both connectors to the EZX harness.

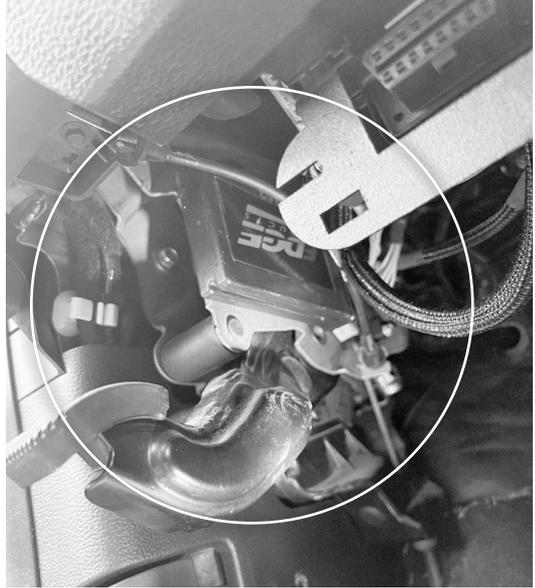


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## EZX Installation Cont'd

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**STEP 11** - Connect the EZX Module to the harness, and mount the module above the Parking Brake with the included velcro and zip ties as shown in the image below.



**STEP 12** - Use the provided zip ties to secure the excess cable from touching hot surfaces or any moving components.

**⚠WARNING:** *Ensure that neither the module nor harness is blocking or preventing the movement of any pedals.*

**STEP 13** - Reconnect the negative battery terminals on both batteries.

# Power Levels

## Steering Wheel Controls

With cruise control off, the EZX's power levels are controlled using the Cruise Control buttons.



| Power Levels |            |
|--------------|------------|
|              | Function   |
| SET+         | Level Up   |
| SET-         | Level Down |
| CNCL         | View Level |

## Changing Power Levels

The power level will be displayed on the speedometer when changing or checking levels. Your speedometer will function normally otherwise.

- Level 1 = 10
- Level 2 = 20
- Level 3 = 30
- Level 4 = 40
- Level 5 = 50

**NOTE:** *Speedometer will sweep to chosen level.*

To change the power levels, use the SET+ (increase level) and SET- (decrease level) buttons while cruise control is off.

If you would like to view which level you are in without changing levels, press CNCL and the level indicator will briefly show the power level.

# High Idle

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## High Idle Setup

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**STEP 1** - With the engine on and in PARK with foot off the brake pedal, turn cruise control on and press the + button to enable High Idle. Then use the +/- buttons to increase or decrease the idle speed.

**STEP 2** - To turn off high idle, press the cruise control OFF button, or step on the brake pedal.

# 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:** Yes, EZX has a couple of options that will program the PCM. If you make any changes to these settings, we recommend reverting or reprogramming to stock before going to the dealer.

**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).

**Question:** Why aren't factory side steps and other settings/presets working?

**Answer:** When the battery is disconnected, some settings/presets may get reset. If this is the case, please go through all settings menus in the infotainment/cluster system and confirm settings.

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[www.EDGEPRODUCTS.com](http://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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