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HYPERTECH



STEP BY STEP INSTALLATION INSTRUCTIONS

**2023-20 Jeep Gladiator
2023-18 Jeep Wrangler**

Note: Excludes models with 12" cluster.

Part #730133*

* Not legal for sale/use in CA. CARB E.O. pending.

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These installation instructions show an installation on a 2023 Jeep.
The installation may vary for your vehicle, so it may be necessary to consult a Jeep service manual for specific instructions for your year model.

Tools needed: Phillips head screwdriver, trim removal tool (or similar),
10mm and 13mm wrench (or socket), and needle nose pliers (if needed)

In-Line Speedometer Calibrator Module Software Setup Instructions

1. UPDATE

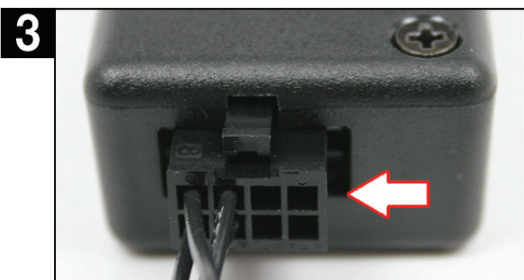
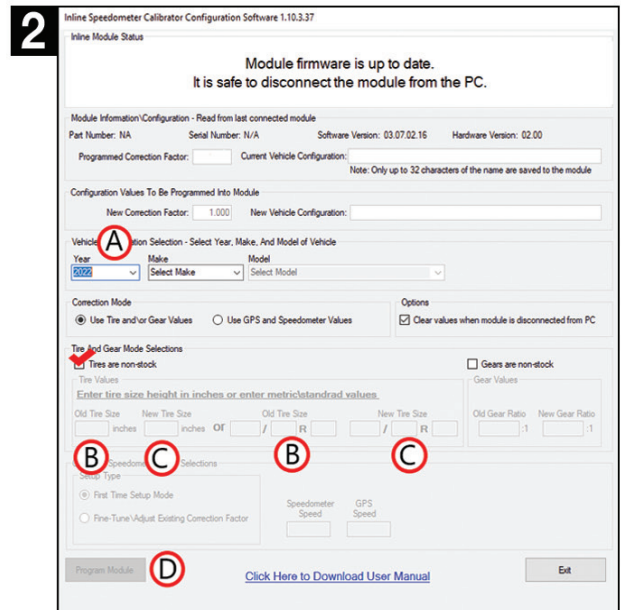
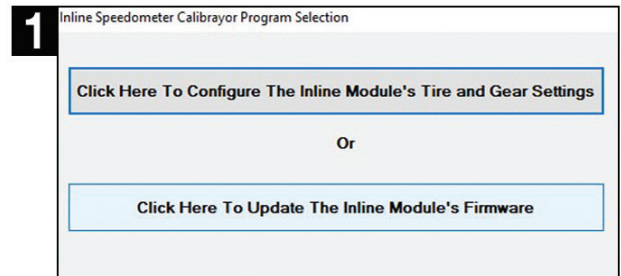
This step makes sure that the In-Line Speedometer Calibrator Module has the latest firmware installed. If the Tuner Update Software is not already installed on your PC, go to our website (hypertech.com) and download the Tuner Update Software. Connect the In-Line Speedometer Calibrator Module to your PC with the supplied USB cable, run the update software and click the Update Tuner button.

2. CONFIGURE

For accurate readings, measure the stock and new tire height from the ground to the top of the tire. Enter these measurements (in inches) into the configuration software, and click program to commit these settings. Once configuration is complete, take the In-Line Speedometer Calibrator Module and harness to the vehicle.

3. CONNECT

Securely connect the In-Line Speedometer Calibrator Module to the In-Line Speedometer Calibrator harness.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

1. DISCONNECT NEGATIVE BATTERY TERMINALS

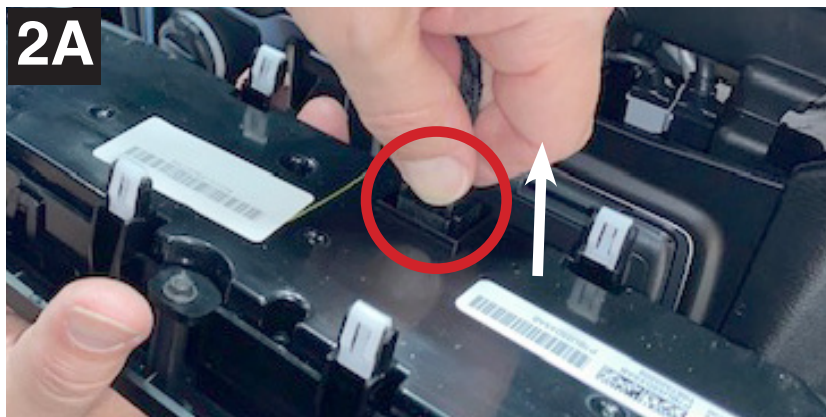
Using the 13mm wrench (or socket), remove the negative battery terminal for the secondary battery (battery used for auto start-stop system) (Step 1). Then using the 10mm wrench (or socket), remove the primary negative battery terminal (Step 1A). Move them safely out of the way of all battery posts and each other.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

2. REMOVE CENTER CONTROL PANEL

Using a trim removal tool or similar, gently pull out toward the back of the vehicle to release the clips and remove the center control panel from the dash (Step 2). Then unplug the two (2) connectors behind the center console panel by pushing in on the connector and then pulling out (Steps 2A & 2B). Place the center control panel safely out of the way.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

3. REMOVE RADIO BEZEL

Using the phillips head screwdriver, remove the two (2) screws at the bottom of the radio bezel (Step 3). Then gently pull the radio bezel toward the rear of the vehicle to release the clips to remove it from the dash (Step 3A). Place the radio bezel safely out of the way.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

4. REMOVE ONE (1) SCREW TO PREPARE FOR DASH TOP COVER REMOVAL

Using the phillips head screwdriver, remove the one (1) screw shown. This is the phillips head screw that is directly to the left of the radio display screw. Removing this screw prepares you for the next step in the installation.

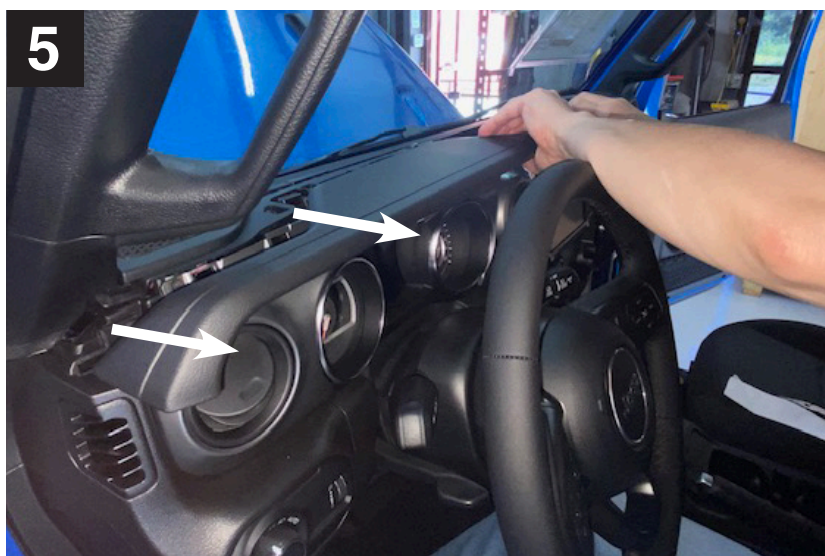


In-Line Speedometer Calibrator Module Vehicle Installation Instructions

5. REMOVE DASH TOP COVER

Using a trim removal tool or similar, gently pull out toward the back of the vehicle to release the clips and remove the dash top cover from the dash (Step 5). Place the dash top cover safely out of the way.

NOTE: Make sure ALL clips holding the dash top cover come out WITH the dash top cover. There MAY be some clips that remain on the main dash. If any clips are left on the dash, use a pair of needle nose pliers to gently remove them. Then put those clips back in their appropriate place on the dash top cover (See Pic 5A for an example of a clip that has stayed in the dash).



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

6. REMOVE KNEE GUARD BELOW STEERING WHEEL

Gently pull out toward the back of the vehicle to release the clips and remove the knee guard from below the steering wheel. Place the knee guard safely out of the way.



7. REMOVE STEERING COLUMN DUST COVER SCREWS

Using the phillips head screwdriver, remove the two (2) screws at the bottom of the steering column dust cover.

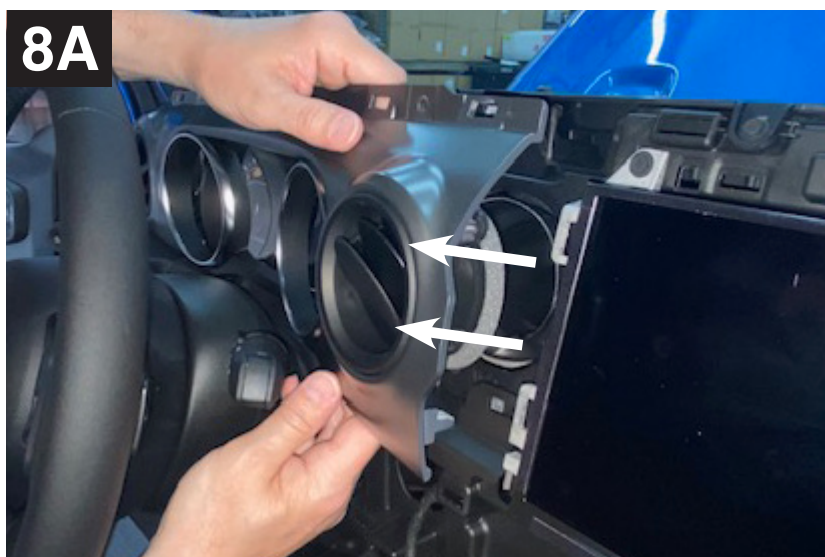


8

In-Line Speedometer Calibrator Module Vehicle Installation Instructions

8. REMOVE INSTRUMENT COVER BEZEL

Using the phillips head screwdriver, remove the four (4) screws at the top of the instrument cluster bezel. When the screws are removed, gently pull out toward the back of the vehicle to release the clips and remove the instrument cluster bezel from the dash. Place the instrument cluster bezel safely out of the way.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

9. UNCLIP STEERING COLUMN DUST COVER

Gently pull out toward the back of the vehicle to release the clips and unclip the steering column dust cover from the dash. Rest the dust cover on the steering column. This will give you access to the screws holding the instrument cluster to the dash.



10. REMOVE INSTRUMENT CLUSTER

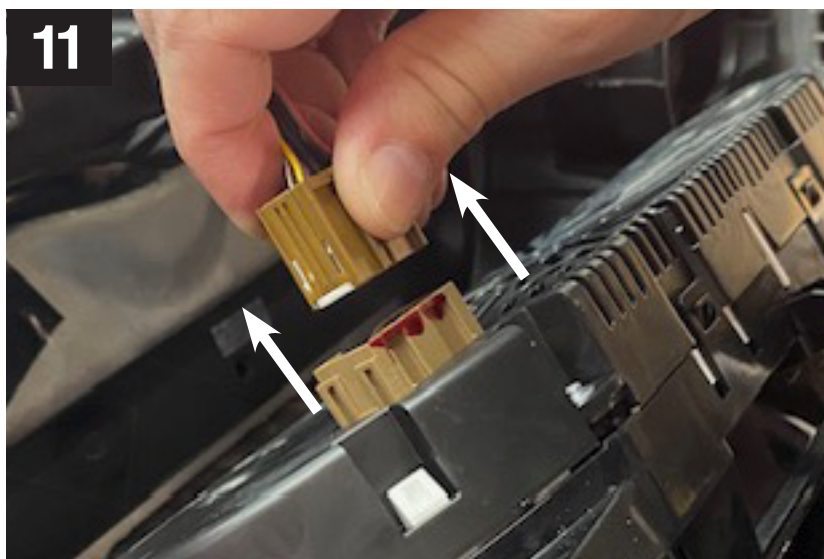
Using the phillips head screwdriver, remove the four (4) screws holding the instrument cluster in place. When the screws are removed, gently pull out toward the back of the vehicle to access the connector behind the instrument cluster.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

11. UNPLUG FEMALE CONNECTOR BEHIND INSTRUMENT CLUSTER

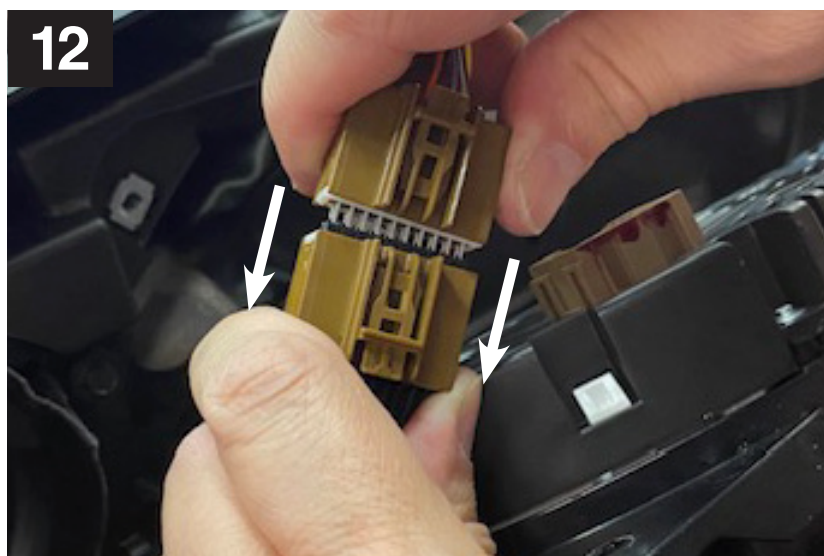
Unplug the female connector behind the instrument cluster by pushing in on the connector and then pulling out.



12. PLUG IN-LINE SPEEDOMETER CALIBRATOR HARNESS INTO FEMALE CONNECTOR

Plug the male connector on the In-Line Speedometer Calibrator Module harness into the female connector removed from the instrument cluster in Step 11.

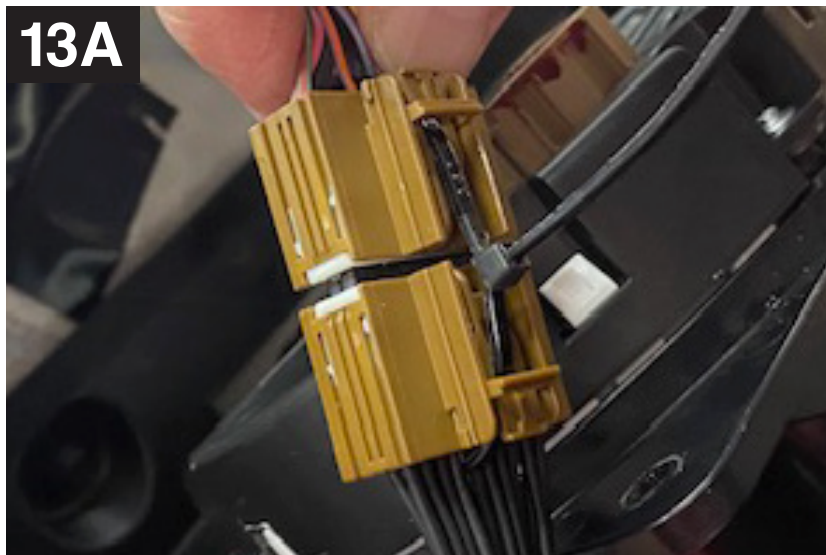
NOTE: Make sure the tabs of BOTH connectors are facing up as shown in the pic below.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

13. SECURE CONNECTORS FROM STEP 12

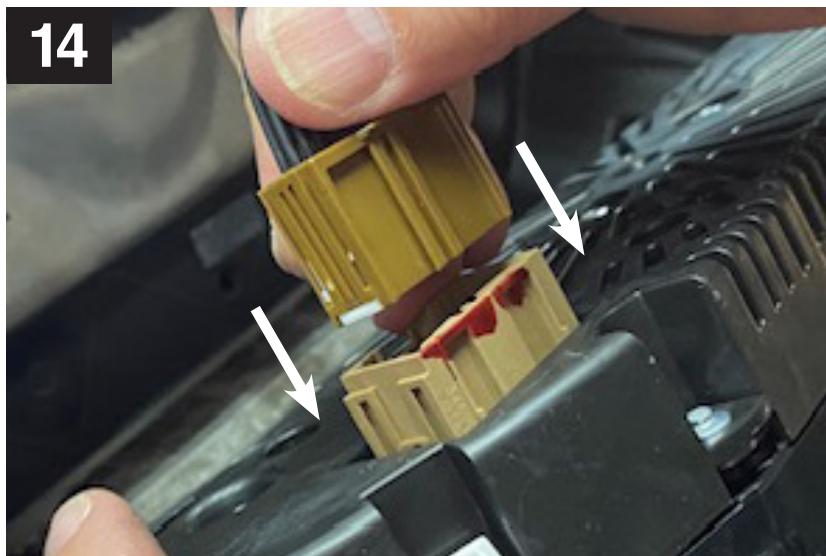
Using the supplied zip-tie, secure the two (2) connectors plugged in together from Step 12. Take note of the orientation of the zip-tie in the pics below and secure the connectors the same way to ensure the connection is tight. Clip off the excess zip-tie material for a cleaner install.



In-Line Speedometer Calibrator Module Vehicle Installation Instructions

14. PLUG IN-LINE SPEEDOMETER CALIBRATOR CONNECTOR INTO INSTRUMENT CLUSTER

Plug the female connector on the In-Line Speedometer Calibrator Module harness into the back of the instrument cluster.



15. PLUG IN-LINE SPEEDOMETER CALIBRATOR HARNESS CONNECTOR INTO MODULE

Plug the remaining connector on the In-Line Speedometer Calibrator Module harness into the back of the Module.

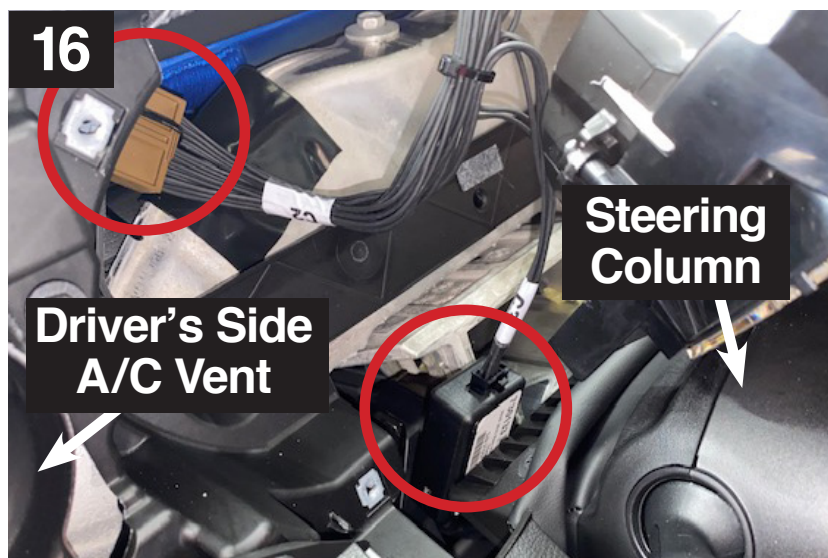


In-Line Speedometer Calibrator Module Vehicle Installation Instructions

16. POSITION IN-LINE SPEEDOMETER CALIBRATOR BEHIND INSTRUMENT CLUSTER

Position the In-Line Speedometer Calibrator behind the instrument cluster as shown in the pic below. The Module can be positioned in the small area as shown below/behind the steering column. While the harness can be positioned in the upper left area behind the instrument cluster.

NOTE: However you position the In-Line Speedometer Calibrator behind the dash, MAKE SURE the instrument cluster goes back into its position easily, and that no cables or connections are bound up to avoid possible damage or improper function.



17. Secure the instrument cluster with the four (4) phillips head screws. Re-connect both connectors removed in Step 2B and clip the LEFT side of the center control panel into the dash. Reconnect the negative battery terminals removed in Step 1. This will allow you to start the vehicle and check for any warning lights or messages. Test drive the vehicle to ensure proper speedometer function and accuracy. Recalibrate if necessary.

18. Once you have verified the speedometer is working correctly and there are no warning lights, un-clip the center control panel from the dash but leave the connectors in place. You can now re-install all dash panels and trim pieces in reverse order of disassembly.

***Installation of the Hypertech In-Line Speedometer Calibrator Module
is now complete! Now get out there and enjoy your Jeep!***

Factory Direct Limited 1 Year Warranty

(Effective January 1, 2020 replaces and supersedes previous product warranty policy.)

Hypertech products are warranted against defects in materials or workmanship for one (1) year from the date of purchase. Hypertech's liability under this warranty shall be limited to the prompt correction or replacement of any defective part of the product which Hypertech determines to be necessary. This limited one (1) year warranty is to the original purchaser providing all the information requested is furnished. You must retain a copy of your original sales invoice or receipt. Without proper documentation, a service fee will be applied. **Third party resellers and resold units are NOT covered under this warranty.**

30-Day Risk-Free, Money Back Guarantee

(Effective January 1, 2020)

The 30-day money back guarantee applies to all Max Energy Spectrum Power Programmers, React Throttle Optimizers, Max Energy 2.0 Power Programmers, Max Energy Power Programmers, PowerStays, Speedometer Calibrators, In-Line Speedometer Calibrator Modules, Interceptors, and Power Chips for GM. The product **MUST** be returned to the place of purchase within thirty (30) days. All items must be received in a new, unused and ready-to-sell condition (including all original packaging, parts, and paperwork) to receive a refund, excluding any shipping and handling fees. **Units purchased used or reconditioned from a non-authorized Hypertech dealer, or units sold by 3rd-party vendors (i.e. ebay) are NOT covered under this guarantee.**

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