

SE08XX-TC Series Throttle Controller

Installation and Calibration (Please Read and Follow all Steps)

Tools: Flat Head Screwdriver, 10 mm Hex Socket, Knee Pads/Support. Time: 15 minutes.

Important: The throttle actuator control (TAC) system remains energized for a few minutes after ignition is off. It will also get energized for a few minutes upon opening doors or trunk, also if using your key fob. If the pedal connector is disconnected while the TAC system is energized your ECM might register a trouble code (CEL) or enter Limp mode on your next start.

- 1- Ignition off. Open driver's door, and any other door if needed, including trunk. Place and keep key fob outside the car until step 7. Adjust driver seat all the way back and steering wheel all the way up. Wait 10 minutes for the TAC system to deenergize (timeout) before proceeding.
- 2- Refer to figure 1. Identify accelerator pedal assembly. Pry off indicated rubber plug to reveal 10 mm hex screw. Remove 10 mm hex screw. Slide base of pedal assembly back (towards seat) to unhook from the floor, then up to fully release pedal assembly.



Figure 1. Accelerator Pedal Assembly. Plug and Screw removal.

- 3- Refer to figure 2. Set pedal assembly to the side as shown and pull (unlock) connector locking tab (red) away from the connector until it bottoms out. Then pull to disconnect.



Figure 2. Pedal Assembly Connection

- 4- Refer to figure 3. Connect the female connector of the throttle controller to the pedal assembly. Connect the male connector of the throttle controller to the harness. Lock both connections by pushing locking tabs (red) all the way in until they bottom out.



Figure 3. Throttle controller connection.

- 5- Re-install Pedal Assembly by reversing step 3.
- 6- Connect and secure controller to any adjacent surface in a way that it cannot block or interfere with pedal stroke. Conceal extension, then peel tape film in the back of the display, and stick display so the buttons are visible and reachable by driver. Remove display protective film.



Figure 4. Suggested display placement.



- 7- Bring the key fob inside the car and Press engine start button once until yellow/amber light illuminates. If not push-start, turn key to the ACC (accessory power mode) position. Do not press brake pedal or start the engine in any case.

Note: *In some cases, it is possible that a CEL will illuminate on first power on cycle, if so, please disconnect the battery for 15 minutes to reset the TAC system. Take advantage of this moment to make sure all connectors clicked when pushed in and that they were properly locked by its corresponding tabs. After reconnecting battery, redo step 7.*

- 8- On the controller, press and hold mode button for a few seconds until a 3-digit number appears on screen.
- 9- Once number appears release mode button and use the -/+ buttons to adjust number on display to 800.
- 10- While 800 is on the screen, press the accelerator pedal until it bottoms out, then release accelerator pedal.
- 11- Press and hold the mode button until the 800 disappears and any of the usual operating modes appears on the screen (EC, OE, CF, SP, LU).