

## SE0820-TC 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. If the pedal connector is disconnected while the TAC system is energized you might get a CEL or enter Limp mode on your next start.

- 1- Ignition off, open driver door and wait 10 minutes before making any disconnections. Adjust driver seat all the way back and steering wheel all the way up.
- 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- Press engine start button once until yellow/amber light illuminates (do not press brake pedal or start engine).
- 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).