



## Installation Instructions

# 1997-2004 Corvette Accelerator Pedal Position Sensor Conversion Kit

### What's Included:

- (1) Accelerator Pedal Position (APP) Sensor
- (1) APP Sensor Conversion Harness
- (1) T20S Security Torx® L-key

### Tools Required:

- T20S Security Torx® L-key (Included)
- Needle nose pliers, optional
- Thin straight screwdriver or small panel removal tool

### Installation Procedure:

#### Removing the Old APP Sensor

1. Disconnect the negative battery terminal
2. Under the driver's side dash, locate the Upper Kick Panel. This panel holds the footwell lighting assembly.
3. On the Upper Kick Panel, identify the three fasteners holding it in place:
  - a. Two (2) push-in rivets
  - b. One (1) push nut
4. Gently pull down on the front edge of the Upper Kick Panel. This will release the push-in rivets.
5. Use the flathead screwdriver or panel removal tool to remove the push-in nuts from the panel. Place these aside as they will be used later.
  - a. You can also use your fingers to remove the push-in rivets.
6. By hand (or using the needle nose pliers), twist the push nut until it is free from the mounting stud. Retain the nut for re-installation
  - a. If the push nut will not twist easily, use the thin screwdriver to gently pry the locking tabs back to make removal easier.
7. Careful not to over-stretch the wiring for the footwell light, lower and place the panel along the LH side of the footwell, revealing the Accelerator Pedal Position (APP) Sensor attached to the side of the accelerator pedal.

8. Using the pliers, carefully disengage the red safety clip on the APP Sensor connector by pulling it towards the rear of the car.
9. Locate and use the included Torx® key to remove the two (2) screws holding the APP Sensor to the accelerator pedal assembly. Retain the screws for installing the new sensor.
10. Remove the original APP Sensor from the pedal assembly by gently pulling the sensor towards the LH side of the car.

#### Installing the APP Sensor Conversion Kit

1. Attach the male connector of the conversion harness onto the female connector coming from the vehicle's wiring harness. Replace the red safety clip onto the connector.
2. Gently slide the new APP sensor onto the shaft of the accelerator pedal assembly. Be sure the flat of the shaft matches the corresponding recess on the new APP Sensor input.
  - a. Align the dowel on the new sensor with the corresponding hole on the pedal assembly.
3. Use the Torx® key and the OE screws to secure the APP Sensor to the accelerator pedal assembly.
4. Connect the female connector from the conversion harness to the new APP Sensor.
5. Reinstall the Upper Kick Panel by first aligning the edge closest to front of the vehicle with the corresponding notch on the edge of the accelerator pedal assembly
6. Secure the Upper Kick Panel by aligning the slots in the Panel with the holes in the dash support and re-installing the push-in rivets.
7. Align the hole in the Upper Kick Panel with the push nut mounting stud. Firmly push the nut until the panel is fully installed.
8. Reconnect the negative battery terminal and start the vehicle.
9. Allow the engine to warm up for 20-30 seconds, then gently rev the engine up to 2,500-3,000 RPM to confirm proper function with the Corvette's ECU and TAC module.