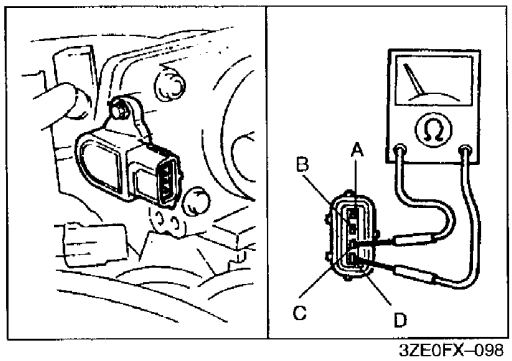
Adjustment

Caution
- **The throttle position sensor is adjusted at the factory before shipment. Unnecessaly adjustment will negatively effect the engine performance.**
- **Adjusting the throttle position sensor by using the throttle adjusting screw (TAS) will negatively effect the engine performance.**

Closed throttle position switch



3ZE0FX–098

1. Verify that the throttle valve is closed throttle position.
2. Disconnect the throttle position sensor connector.
3. Loosen the attaching screws.
4. Insert a feeler gauge between the throttle adjusting screw (TAS) and the throttle lever. Adjust the continuity between the closed throttle position switch terminals C and D by using an ohmmeter.

Specification

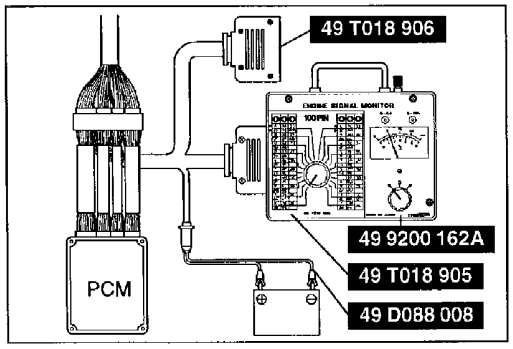
Clearance	Continuity
0.15 mm {0.006 in}	Yes
0.50 mm {0.020 in}	No

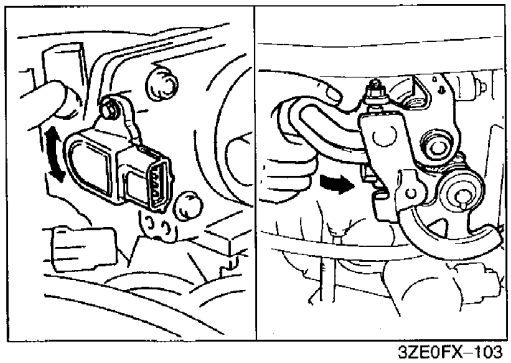
5. Tighten the attaching screws.

   Tighining torque:
   1.6—2.3 N·m {16—24 kgf·m, 14—20 in·lbf}

6. If not adjusted, replace the throttle position sensor. (Refer to page F1–43.)

Throttle position sensor
Using SSTs (Monitor, engine signal)




3ZE0FX–103

1. Remove the PCM. (Refer to page F1–29.)
2. Connect the **SSTs** to the PCM.
3. Verify that the throttle valve is at the closed throttle position.
4. Loosen the attaching screws.
5. Turn the ignition switch to ON.
6. Adjust the throttle position sensor so that the PCM terminal 3B voltage is as specified, by using a voltmeter.

   Specification
   Closed throttle position: 0.1—1.1 V
   Wide open throttle: 2.8—4.5 V
   (Verify that the voltage increase is directly proportioned to the throttle valve opening angle.)

7. Tighten the attaching screws.

   Tightning torque:
   1.6—2.3 N·m {16—24 kgf·cm, 14—20 in·lbf}

8. If not adjusted, inspect the throttle position sensor harness.
9. If harness is OK, replace the throttle position sensor.