



Using SSTs (NGS)

1. Connect the **SSTs** to the data link connector 2.
2. Verify that the throttle valve is at the closed throttle position.
3. Loosen the attaching screws.
4. Turn the ignition switch to ON.
5. Select the PID/DATA MONITOR AND RECORD function of the NGS.
6. Select "TP V" on the NGS display. NGS measures and shows the voltage.

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, replace the throttle position sensor.

Replacement

1. Disconnect the throttle position sensor connector.
2. Remove the attaching screws.
3. Remove the throttle position sensor.
4. Verify that the throttle valve is at the closed throttle position.
5. Open the throttle valve slightly and catch the tang of the throttle body on the throttle position sensor plastic tabs. Align tang A on the throttle body with tab A on throttle position sensor. Note tangs on the throttle body mate with the tab on the throttle position sensor on the side of the tab without a slot.
6. Position the throttle position sensor on the throttle body so that the mounting holes align.
7. Install and hand tighten the attaching screws.
8. Release the throttle
9. Adjust the throttle position sensor output voltage and closed throttle position switch. (Refer to page F1-42.)