

CALIBRATION

1. IF NECESSARY, PERFORM ZERO POINT CALIBRATION OF YAW RATE SENSOR AND DECELERATION SENSOR(USING SST CHECK WIRE)

HINT:

After replacing the yaw rate sensor and/or the brake actuator assembly, make sure to perform yaw rate sensor and deceleration sensor zero point calibration.

NOTICE:

- While obtaining the zero point, do not give any vibration to the vehicle by tilting, moving or shaking it and keep it in a stationary condition. (Do not start the engine.)
- Be sure to perform this on a level surface (within an inclination of 1 %).

- (a) Shift the shift lever to P position.
- (b) Clearing the zero point calibration using the SST check wire.

SST 09843-18040

- (1) Turn the ignition switch to the ON position.
- (2) Using SST, connect and disconnect terminals Ts and CG of DLC3 4 times or more within 8 seconds.
- (3) Check that the warning light indicates the normal code.
- (4) Remove the SST from the terminals of DLC3.

- (c) Procedures for test mode:

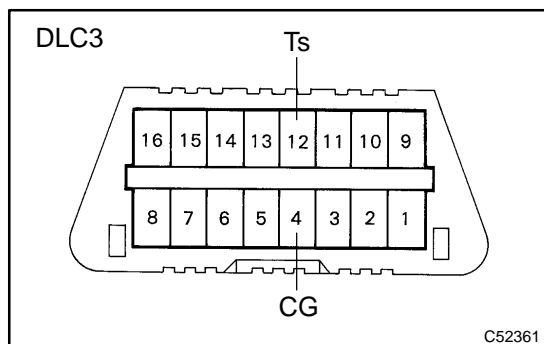
- (1) Turn the ignition switch to OFF.
 - (2) Parking brake is applied(Parking brake switch ON).
 - (3) Using SST, it connects terminal Ts and CG of DLC3.
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- (4) Check that the steering wheel is in the straight-ahead position and shift the shift lever to P position.
 - (5) Turn the ignition switch to the ON position.

- (d) Keep the vehicle in the stationary condition on the level surface for 2 sec. or more.

- (e) Check that the VSC warning light blink.

HINT:

If the VSC warning light does not blink, perform the zero point calibration again.



2. IF NECESSARY, PERFORM ZERO POINT CALIBRATION OF YAW RATE SENSOR AND DECELERATION SENSOR(USING HAND-HELD TESTER)**NOTICE:**

- **While obtaining the zero point, do not give any vibration to the vehicle by tilting, moving or shaking it and keep it in a stationary condition. (Do not start the engine.)**
 - **Be sure to do this on a level surface (within an inclination of 1 %).**
- (a) Check that the steering wheel is in the straight-ahead position and shift the shift lever to the P position.
 - (b) Connect the hand-held tester to the DLC3.
 - (c) Turn the ignition switch to the ON position.
 - (d) Operate the hand-held tester to test mode.
 - (e) Obtain zero point of yaw rate sensor and deceleration sensor:
 - (1) Keep the vehicle in the stationary condition on the level surface for 2 sec. or more.
 - (2) Check that the VSC warning light blinks.

HINT:

If the VSC warning light does not blink, perform the zero point calibration again.

- (f) Turn the ignition switch off.