VEHICLE STABILITY CONTROL SYSTEM

PRECAUTION

- When there is a malfunction in the contact point of the terminals or installation problems with part, removal and installation of the suspected problem parts may return the system to the normal condition either completely or temporarily.
- In order to determine the malfunction area, be sure to check the conditions at the time the malfunction occurred, such as by DTC output and the freeze frame data output, and record it before disconnecting each connector or removing and installing parts.
- Be sure to remove and install the skid control ECU, ABS & TRAC actuator and each sensor with the IG switch OFF unless specified in the inspection procedure.
- When removing and installing the skid control ECU, ABS & TRAC actuator and each sensor , be sure to check that the normal display is output in test mode inspection and in DTC output inspection after installing all the parts.
- 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 (See page BC-5).
- CAN communication system is used for the data communication between the skid control ECU (included in the actuator), the steering angle sensor, and the yaw rate sensor (the deceleration sensor is included). If there is trouble in the CAN communication line, the DTC in the communication line is output.
- If the DTC in the CAN communication line is output, repair the malfunction in the communication line and troubleshoot the ABS with EBD & BA & TRAC & VSC systems under the condition that data communication is normal.
- Since the CAN communication line has its own length and route, it can not be repaired temporarily with the bypass wire, etc.

NOTICE:

When disconnecting the negative (-) battery terminal, initialize the following systems after the terminal is reconnected.

System Name	See procedure
Power Window Control System	WS-12
Sliding Roof System	RF-22 and RF-4
lighting System (Adaptive Front-lighting System)	LI-17
Power Back Door System	ED-33

PARTS LOCATION