

# ABS WITH EBD & BA & TRAC & VSC SYSTEM

05D00-01

## PRECAUTION

- When there is malfunction in the contacting point of terminal or poor condition in installing the parts, removing and installing of the suspected parts may return the system to the normal condition perfectly or temporarily.
- In order to determine the malfunction area, be sure to check the performance condition as of the malfunction occurrence such as the DTC output and the freeze frame data output and record it before disconnecting each connector or removing and installing the parts.
- Since the ABS with EBD & BA & TRAC & VSC system may be influenced by the malfunction in the other systems, be sure to check the DTC in the other systems.
- Be sure to remove and install the skid control ECU, brake actuator assy and each sensor with the IG switch OFF unless specified as the inspection procedure.
- When removing and installing the skid control ECU, brake actuator assy and each sensor, be sure to check that the normal display is output in the test mode inspection and the DTC output inspection after installing all the parts.
- When having replaced 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 [05-279](#))
- 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 system under the condition that the 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.

Fail safe function:

When a failure occurs in the ABS & BA & TRAC & VSC systems, the ABS warning light and the VSC warning light turns on and the ABS & BA & TRAC & VSC operations are prohibited. In addition to this, when there failure that disables the EBD operation, the brake warning light also turns on and the EBD operation is prohibited.