

C1110, C1170 ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)

Description

ABS actuator and electric unit (control unit) is continuously monitoring ECU hardware and software for correct operation.

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
C1110	CONTROLLER FAILURE	Possible internal failure of control unit components.	Internal failure of control unit components. ABS solenoid valve or motor power supply / ground abnormal.
C1170	VARIANT CODING	V coding is not functioning.	ABS actuator and electric unit (control unit)

DTC CONFIRMATION PROCEDURE

- 1). Turn the ignition switch ON.
- 2). Perform ABS actuator and electric unit (control unit) self-diagnosis.
- 3). Is DTC "C1110" or "C1170" detected?
 - YES >> Proceed to diagnosis procedure.
 - NO >> INSPECTION END

Diagnosis Procedure

- 1). REPLACE ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT)
CAUTION:
Replace ABS actuator and electric unit (control unit) when self-diagnostic result shows items other than those applicable.

Special Repair Requirement

- 1).ADJUSTMENT OF STEERING ANGLE SENSOR NEUTRAL POSITION,
CALIBRATION OF YAW RATE/SIDE/DECEL G SENSOR AND
CALIBRATION OF PRESSURE SENSOR
 - A).After removing/replacing an ABS actuator and electric unit (control unit),
be sure to perform the following procedure.