

C1116 STOP LAMP SWITCH

Description

The stop lamp switch transmits the stop lamp switch signal (ON/OFF) to the ABS actuator and electric unit (control unit).

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
C1116	STOP LAMP SW	When stop lamp switch circuit is open.	<ul style="list-style-type: none"> • Harness or connector • Stop lamp switch • 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 "C1116" detected?
 - YES >> Proceed to diagnosis procedure.
 - NO >> INSPECTION END

Diagnosis Procedure

- 1). CHECK CONNECTOR
 - A). Turn the ignition switch OFF.
 - B). Disconnect ABS actuator and electric unit (control unit) connector.
 - C). Disconnect stop lamp switch connector.
 - D). Check terminal for deformation, disconnection, looseness, etc.
 - E). Is the inspection result normal?
 - YES >> GO TO 2.
 - NO >> Replace or repair damaged parts.
- 2). CHECK STOP LAMP SWITCH
 - A). Check stop lamp switch.
 - B). Is the inspection result normal?
 - YES >> GO TO 3.
 - NO >> Repair or replace stop lamp switch.

- 3).CHECK STOP LAMP SWITCH CIRCUIT
 - A).Turn the ignition switch OFF.
 - B).Check the voltage between ABS actuator and electric unit (control unit) harness connector and ground.
 - C).Is the inspection result normal?
 - YES >> INSPECTION END
 - NO >> Repair or replace damaged parts.

Component Inspection

- 1).CHECK STOP LAMP SWITCH
 - A).Turn the ignition switch OFF.
 - B).Disconnect stop lamp switch connector.
 - C).Check the continuity between stop lamp switch connector terminals.
 - D).Is the inspection result normal?
 - YES >> INSPECTION END
 - NO >> Replace stop lamp switch.

Special Repair Requirement

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