

C1144 INCOMPLETE STEERING ANGLE SENSOR ADJUSTMENT

Description

The pressure sensor converts the brake fluid pressure to an electric signal and transmits it to the ABS actuator and electric unit (control unit).

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
C1144	ST ANG SEN SIGNAL	Neutral position of steering angle sensor is not finished.	<ul style="list-style-type: none"> • Harness or connector • Steering angle sensor • ABS actuator and electric unit (control unit)

DTC CONFIRMATION PROCEDURE

- 1). Turn the ignition switch ON.
- 2). Select "ST ANGLE SENSOR ADJUSTMENT" in "WORK SUPPORT", and perform adjust the neutral position of steering angle sensor.
- 3). Perform ABS actuator and electric unit (control unit) self-diagnosis.
- 4). Is DTC "C1143" detected?
 - YES >> Proceed to diagnosis procedure.
 - NO >> INSPECTION END

Diagnosis Procedure

- 1). CHECK STEERING ANGLE SENSOR.
- 2). Check steering angle sensor.
- 3). Is the inspection result normal?
 - YES >> Replace ABS actuator and electric unit (control unit).
 - NO >> Repair or replace damaged parts.

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.