

STEERING SENSOR COMMUNICATION STOP MODE

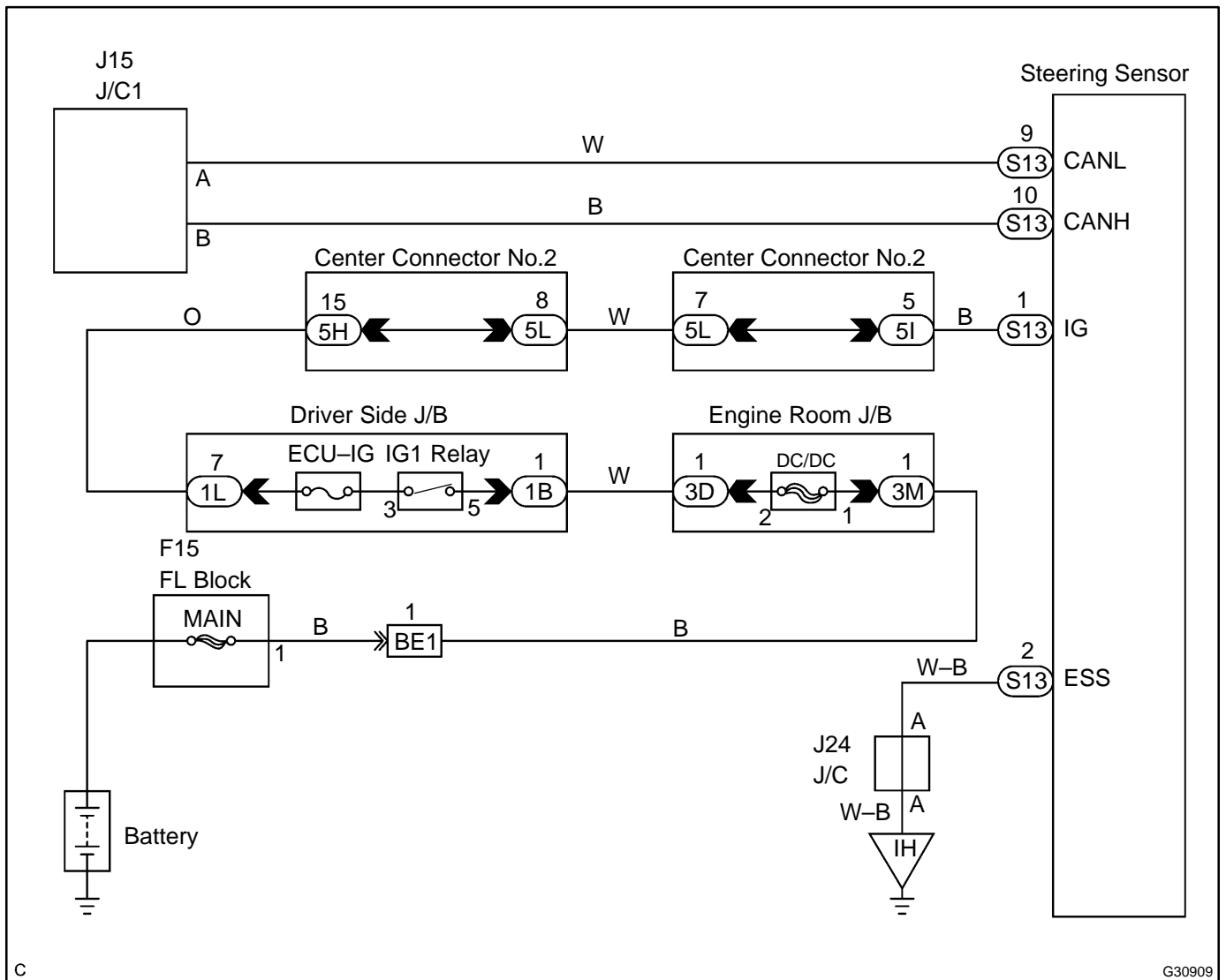
MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
STEERING SENSOR COMMUNICATION STOP MODE	<ul style="list-style-type: none"> • "STEERING SENSOR" is not displayed on the "BUS CHECK" screen of the hand-held tester. • Applies to "STEERING SENSOR COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE" (see page 05-2605). 	<ul style="list-style-type: none"> • Power source or inside the steering sensor • Steering sensor sub bus line or connector

NOTICE:

This is not applicable to a vehicle without enhanced VSC.

WIRING DIAGRAM

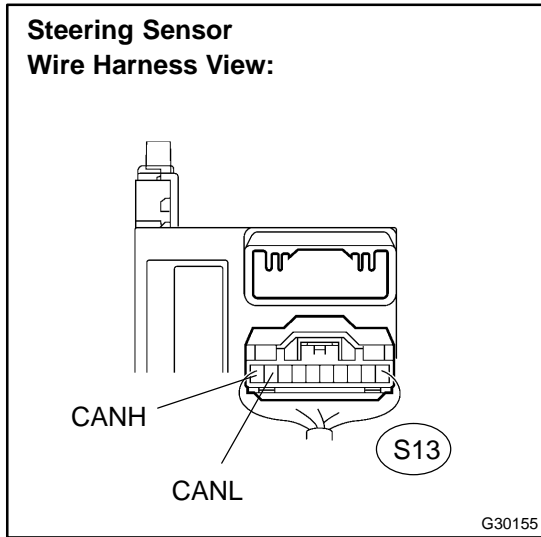


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INSPECTION PROCEDURE

1 CHECK CAN BUS LINE FOR DISCONNECTION(STEERING SENSOR SUB BUS LINE)



- (a) Turn the power switch off.
- (b) Disconnect the steering sensor connector (S13).
- (c) Measure the resistance according to the value(s) in the table below.

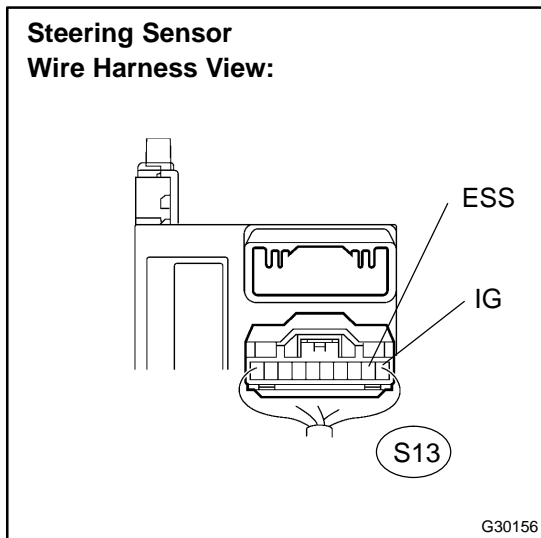
Standard:

Tester connection	Condition	Specified value
S13-10 (CANH) - S13-9 (CANL)	Power Switch OFF	54 to 69 Ω

NG → REPLACE STEERING SENSOR SUB BUS LINE OR CONNECTOR (CAN-H, CAN -L)

OK

2 CHECK WIRE HARNESS(IG1,ESS)



- (a) Measure the resistance according to the value(s) in the table below.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
S13-2 (ESS) - Body ground	Always	Below 1 Ω
S13-1 (IG) - Body ground	Power Switch ON (IG)	10 to 14 V

NG → REPAIR OR REPLACE WIRE HARNESS OR CONNECTOR

OK

REPLACE STEERING SENSOR (SEE PAGE 32-71)