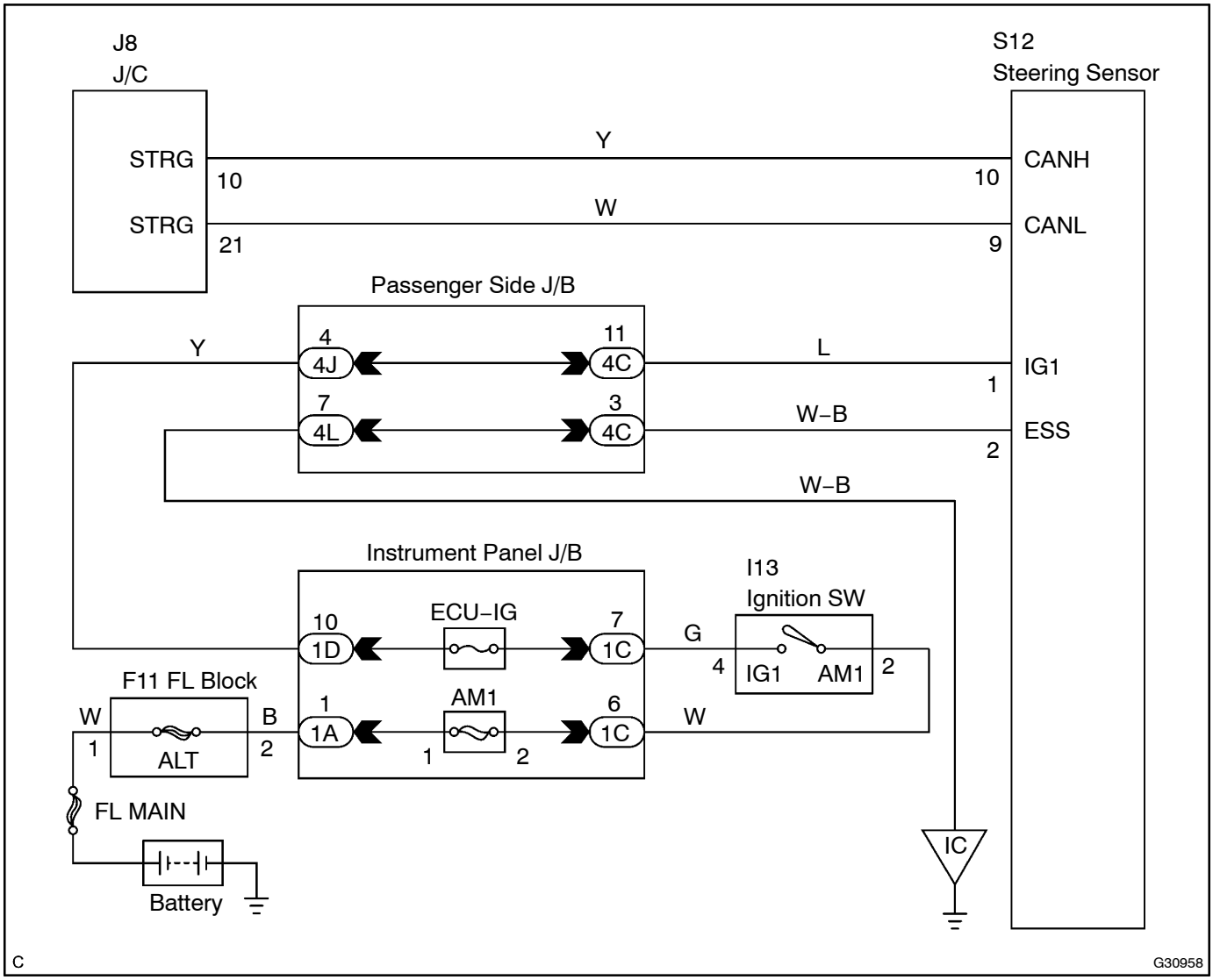
STEERING SENSOR COMMUNICATION STOP MODE

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
U0126/63	• When ECU terminal IG1 voltage is 9.5 V or more, data is not received from the steering sensor for more than 1 sec. • When ECU terminal IG1 voltage is 9.5 V or more, data can not be received from the steering sensor more than once within 5 sec. This situation repeatedly occurs more than 10 times.	• Steering sensor • Power source of steering sensor

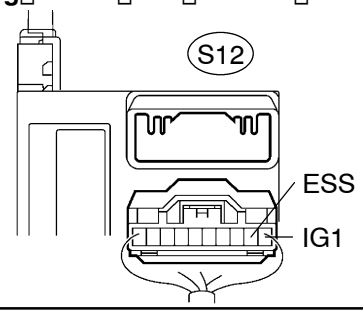
WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK WIRE HARNESS (IG1, ESS)

Steering Sensor Wire Harness View:



(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the connector (S12) from the steering sensor.
(c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
S12–2 (ESS) – Body ground	Always	Below 1 Ω

(d) Connect the connector (S12) to the steering sensor.
(e) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
S12–1 (IG1) – Body ground	IG Switch ON	10 to 14 V

NOTICE:
Perform the measurement from the back of the connector with the connector connected.

NG → **REPAIR OR REPLACE WIRE HARNESS OR CONNECTOR**

OK

REPLACE STEERING SENSOR (SEE PAGE 32–53)