

SRS Warning Light Remains ON

DESCRIPTION

The SRS warning light is located on the combination meter assembly.

When the SRS is normal, the SRS warning light comes on for approximately 6 seconds after the power switch is turned from off to on (IG), and then goes off automatically.

If there is a malfunction in the SRS, the SRS warning light comes on to inform the driver of a problem.

When terminals TC and CG of the DLC3 are connected, the DTC is displayed by blinking of the SRS warning light.

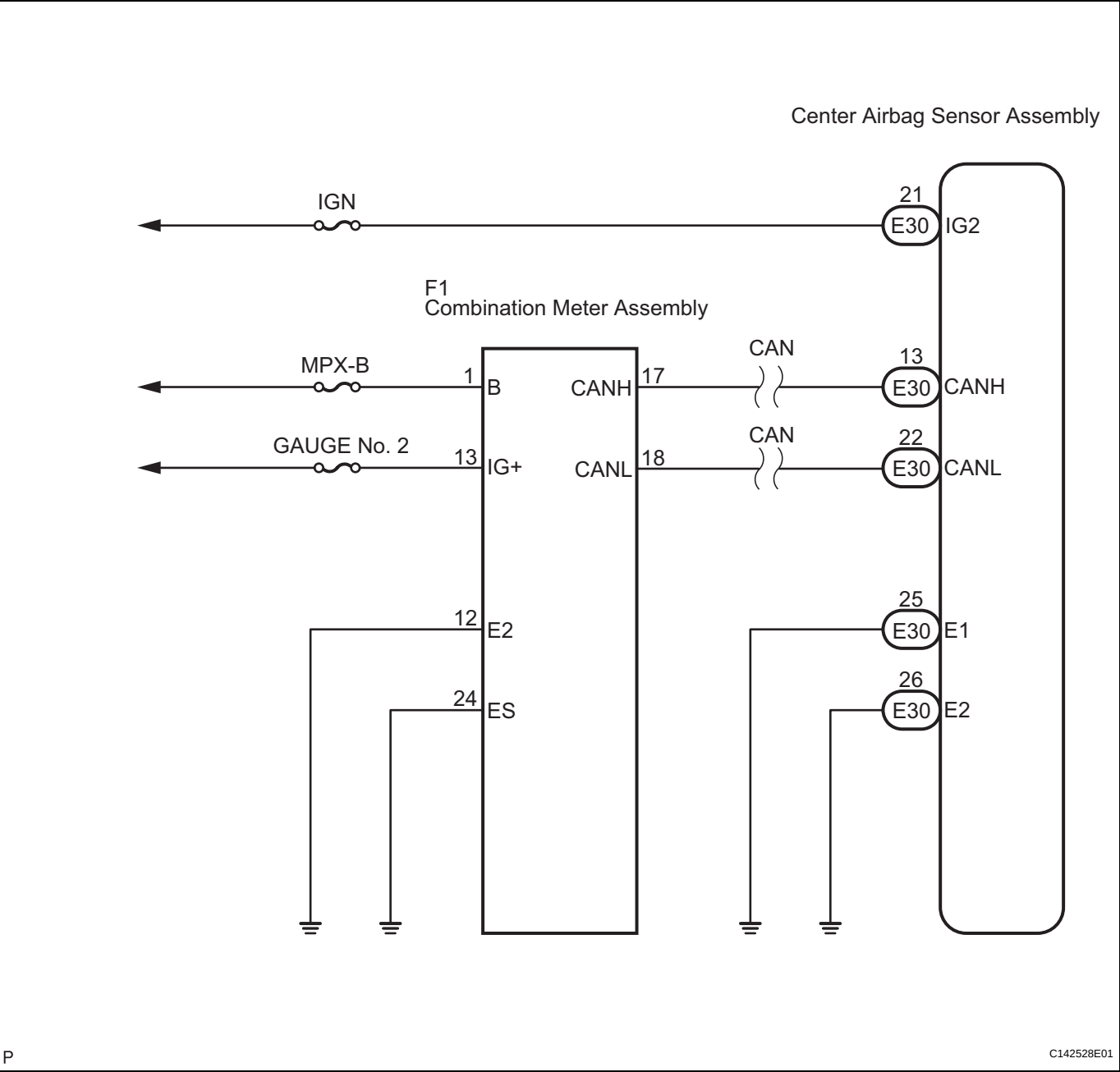
The SRS is equipped with a voltage-increase circuit (DC-DC converter) in the center airbag sensor assembly in case the source voltage drops.

When the battery voltage drops, the voltage-increase circuit (DC-DC converter) functions to increase the voltage of the SRS to normal voltage.

A malfunction in this circuit is not recorded in the center airbag sensor assembly. The SRS warning light automatically goes off when the source voltage returns to normal.

The signal to illuminate the SRS warning light is transmitted from the center airbag sensor assembly to the combination meter assembly through the CAN communication system.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK CAN COMMUNICATION SYSTEM

(a) Check if a CAN communication DTC is output (See page CA-22).

Result

Condition	Proceed To
DTC is not output	A
DTC is output	B

B

REPAIR CIRCUITS INDICATED BY OUTPUT DTCS

A

2

CHECK BATTERY

- (a) Measure the voltage of the battery.

Standard voltage:**11 to 14 V**

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CHECK AND REPLACE BATTERY OR CHARGING SYSTEM

OK

3

CHECK CONNECTORS

- (a) Turn the power switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Check that the connectors are properly connected to the center airbag sensor assembly and combination meter assembly.

OK:**The connectors are properly connected.**

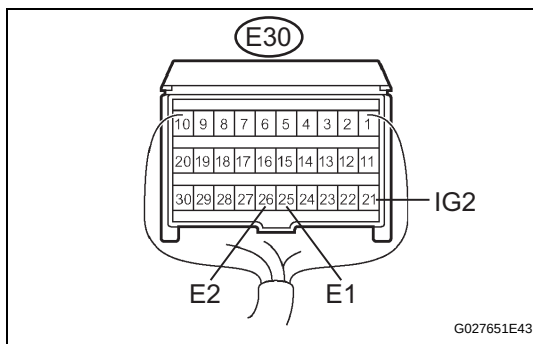
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CONNECT CONNECTORS PROPERLY

OK

4

CHECK WIRE HARNESS (CENTER AIRBAG SENSOR ASSEMBLY - BODY GROUND)



- (a) Disconnect the connectors from the center airbag sensor assembly.
- (b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (c) Turn the power switch on (IG).
- (d) Operate all components of the electrical system (defogger, wipers, headlight, heater blower, etc.).
- (e) Measure the voltage according to the value(s) in the table below.

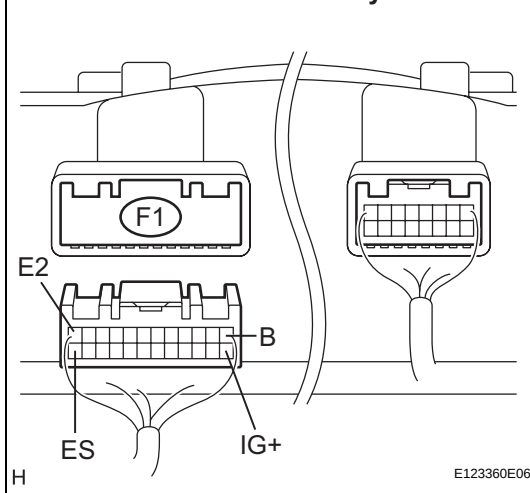
Standard voltage

Tester Connection	Condition	Specified Condition
E30-21 (IG2) - Body ground	Power switch on (IG)	10 to 14 V

- (f) Turn the power switch off.
- (g) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
E30-25 (E1) - Body ground	Always	Below 1 Ω
E30-26 (E2) - Body ground	Always	Below 1 Ω

NG**REPAIR OR REPLACE WIRE HARNESS****OK****5****CHECK WIRE HARNESS (COMBINATION METER ASSEMBLY - BODY GROUND)****Combination Meter Assembly Side:**

- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Disconnect the F1 connector from the combination meter assembly.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the power switch on (IG).
- Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection	Condition	Specified Condition
F1-1 (B) - Body ground	Always	10 to 14 V
F1-13 (IG+) - Body ground	Power switch on (IG)	10 to 14 V

- Turn the power switch off.
- Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Condition	Specified Condition
F1-12 (E2) - Body ground	Always	Below 1 Ω
F1-24 (ES) - Body ground	Always	Below 1 Ω

NG**REPAIR OR REPLACE WIRE HARNESS****OK****6****CHECK SRS WARNING LIGHT**

- Turn the power switch off.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Connect the connector to the combination meter assembly.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the power switch on (IG).
- Check the SRS warning light condition.

OK:

After the primary check period, SRS warning light goes off for approximately 10 seconds, and remains on.

HINT:

The primary check period shows approximately 6 seconds after the power switch is turned on (IG).

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GO TO METER / GAUGE SYSTEM (See page [ME-14](#))

OK

REPLACE CENTER AIRBAG SENSOR ASSEMBLY (See page [RS-423](#))