

SRS WARNING LIGHT CIRCUIT MALFUNCTION (REMAINS ON WHEN DTC IS NOT OUTPUT)

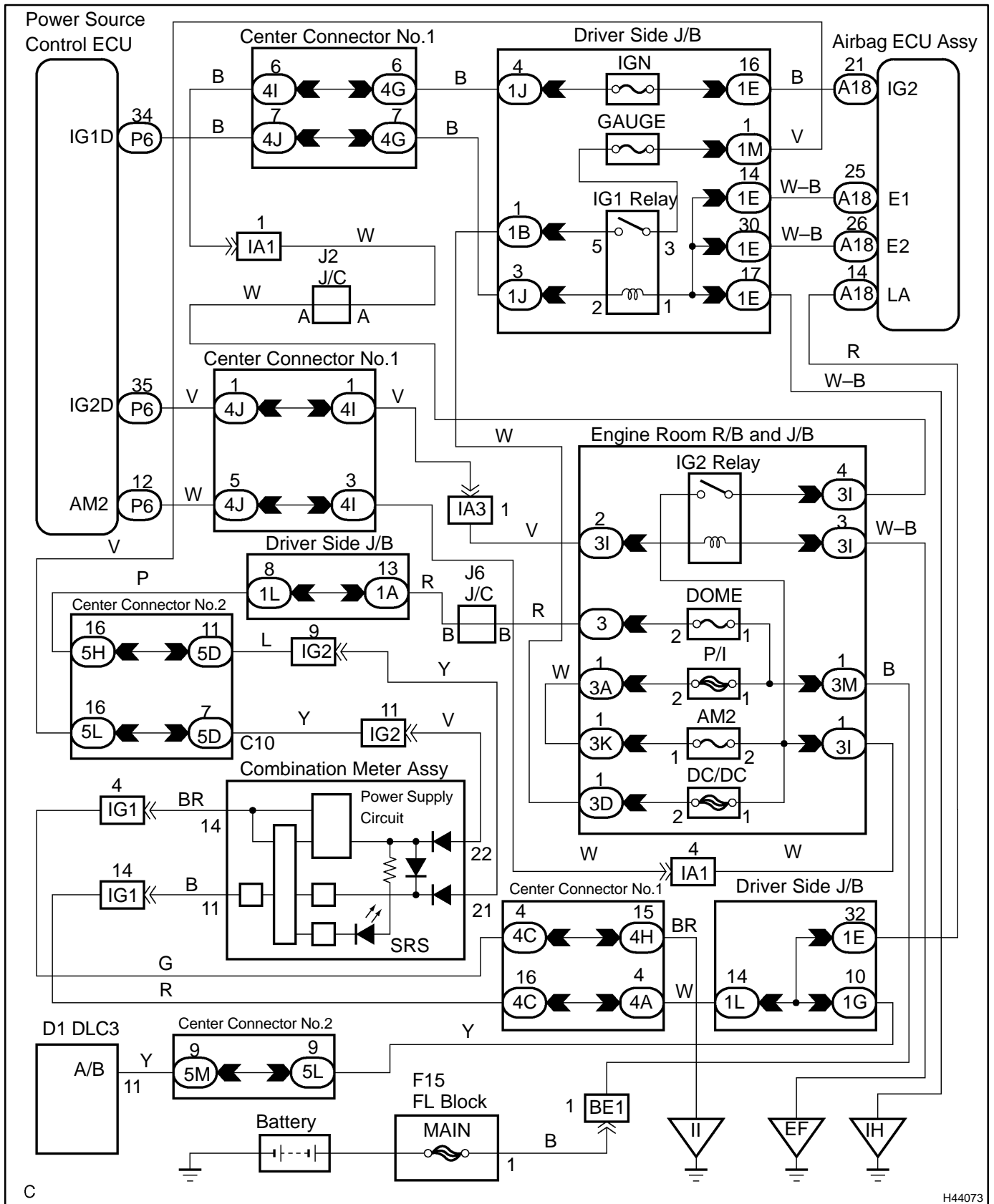
CIRCUIT DESCRIPTION

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

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.

WIRING DIAGRAM



H44073

INSPECTION PROCEDURE

CAUTION:

Be sure to perform the following procedures before troubleshooting to avoid unexpected airbag deployment.

- (a) Turn the power switch off.
- (b) Disconnect the negative (–) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the airbag ECU assy.
- (d) Disconnect the connectors from the horn button assy.
- (e) Disconnect the connectors from the front passenger airbag assy.
- (f) Disconnect the connector from the front seat airbag assy LH.
- (g) Disconnect the connector from the front seat airbag assy RH.
- (h) Disconnect the connector from the curtain shield airbag assy LH.
- (i) Disconnect the connector from the curtain shield airbag assy RH.
- (j) Disconnect the connector from the front seat outer belt assy LH.
- (k) Disconnect the connector from the front seat outer belt assy RH.

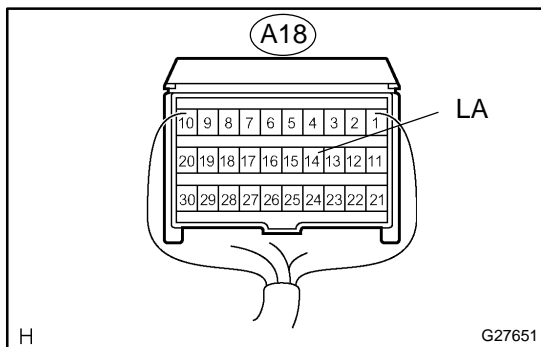
| | |
|----------|-----------------------------|
| 1 | CHECK SOURCE VOLTAGE |
|----------|-----------------------------|

- (a) Measure the voltage of the battery.
Standard: 11 to 14 V

| | |
|-----------|------------------------|
| NG | REPLACE BATTERY |
|-----------|------------------------|

| |
|-----------|
| OK |
|-----------|

| | |
|----------|---|
| 2 | CHECK WIRE HARNESS (AIRBAG ECU ASSY – BODY GROUND) |
|----------|---|



- (a) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
- (b) Turn the power switch on (IG).
- (c) Measure the voltage according to the value(s) in the table below.

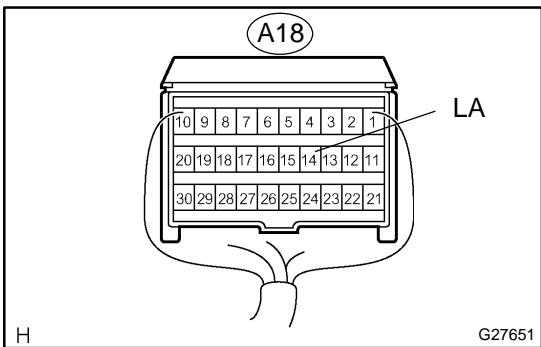
Standard:

| Tester connection | Condition | Specified condition |
|------------------------------|-------------------------|---------------------|
| A18-14 (LA) – Body ground | Power switch is on (IG) | Below 1 V |

| | |
|-----------|---------------------------------------|
| NG | REPAIR OR REPLACE WIRE HARNESS |
|-----------|---------------------------------------|

| |
|-----------|
| OK |
|-----------|

3 CHECK WIRE HARNESS (AIRBAG ECU ASSY - BODY GROUND)



- (a) Turn the power switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Measure the resistance according to the value(s) in the table below.

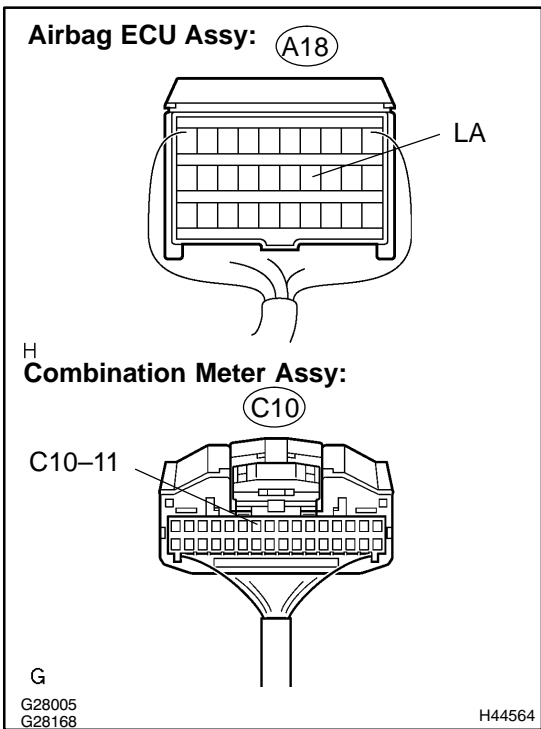
Standard:

| Tester connection | Condition | Specified condition |
|---------------------------|-----------|---------------------|
| A18-14 (LA) - Body ground | Always | 1 MΩ or Higher |

NG REPAIR OR REPLACE WIRE HARNESS

OK

4 CHECK WIRE HARNESS (AIRBAG ECU ASSY - COMBINATION METER ASSY)



- (a) Disconnect the connector from the combination meter assy.
- (b) Measure the resistance according to the value(s) in the table below.

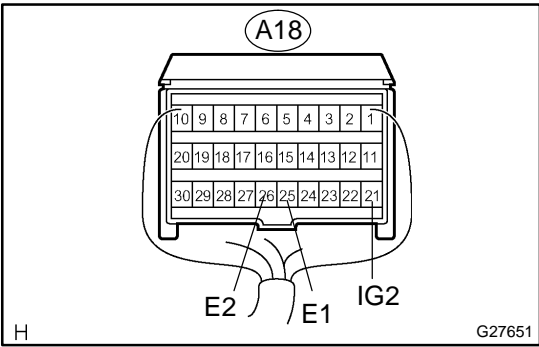
Standard:

| Tester connection | Condition | Specified condition |
|----------------------|-----------|---------------------|
| A18-14 (LA) - C10-11 | Always | Below 1 Ω |

NG REPAIR OR REPLACE WIRE HARNESS

OK

5 CHECK WIRE HARNESS



- (a) Connect the connectors to the airbag ECU assy.
- (b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (c) Turn the power switch on (IG).
- (d) Measure the voltage and resistance according to the value(s) in the table below.

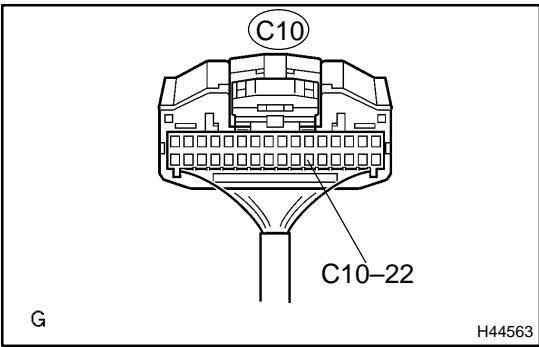
Standard:

| Tester connection | Condition | Specified condition |
|----------------------------|-------------------------|---------------------|
| A18-21 (IG2) - Body ground | Power switch is on (IG) | 10 to 14 V |
| A18-25 (E1) - Body ground | Always | Below 1 Ω |
| A18-26 (E2) - Body ground | Always | Below 1 Ω |

NG → **REPAIR OR REPLACE WIRE HARNESS**

OK

6 CHECK COMBINATION METER ASSY



- (a) Turn the power switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the airbag ECU assy.
- (d) Connect the connector to the combination meter assy.
- (e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (f) Turn the power switch of (IG).
- (g) Measure the voltage according to the value(s) in the table below.

Standard:

| Tester connection | Condition | Specified condition |
|----------------------|-------------------------|---------------------|
| C10-11 - Body ground | Power switch is on (IG) | 8 to 14 V |

NG → **GO TO COMBINATION METER SYSTEM (SEE PAGE 05-1975)**

OK

REPLACE AIR BAG ECU ASSY (SEE PAGE 60-54)