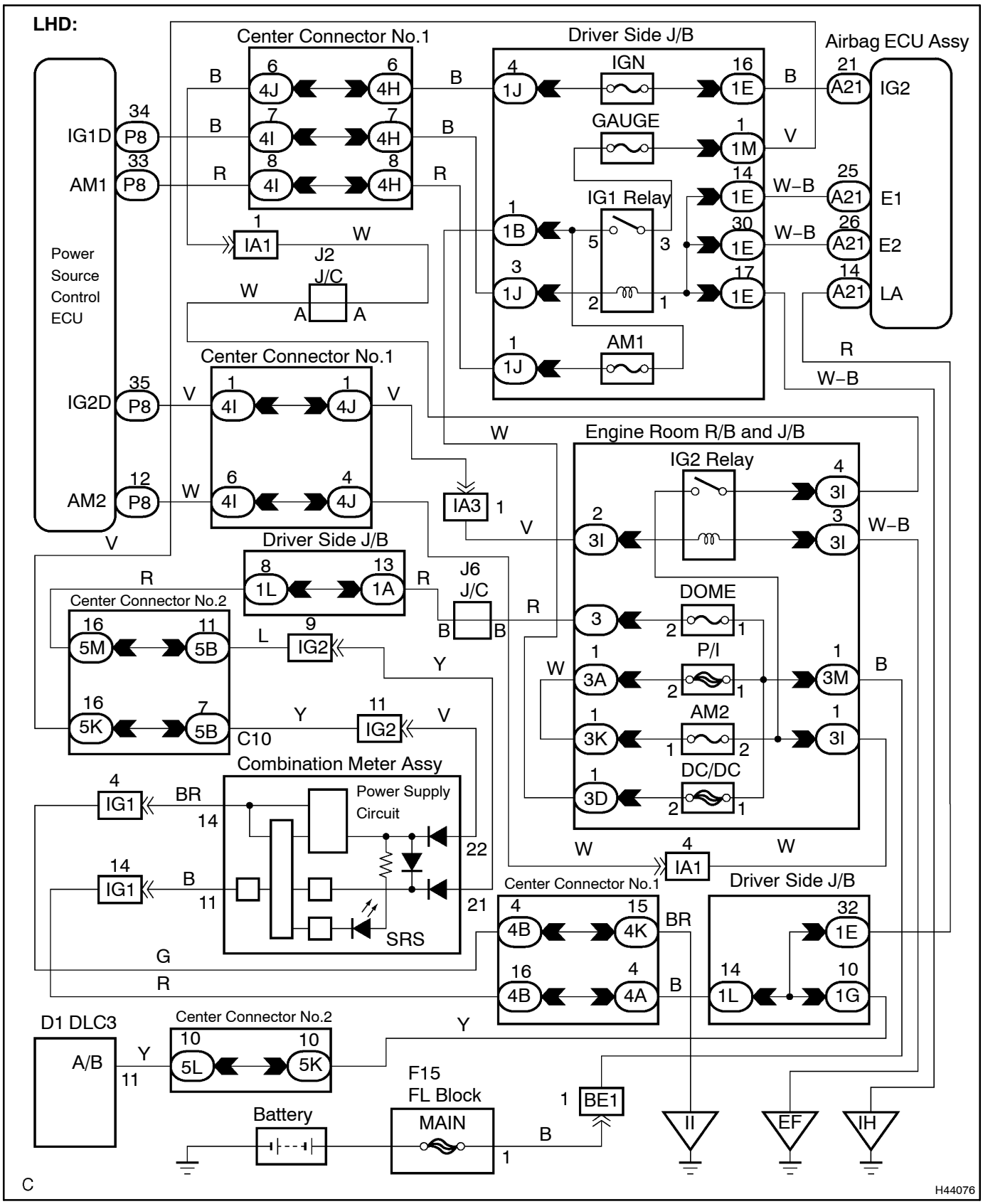
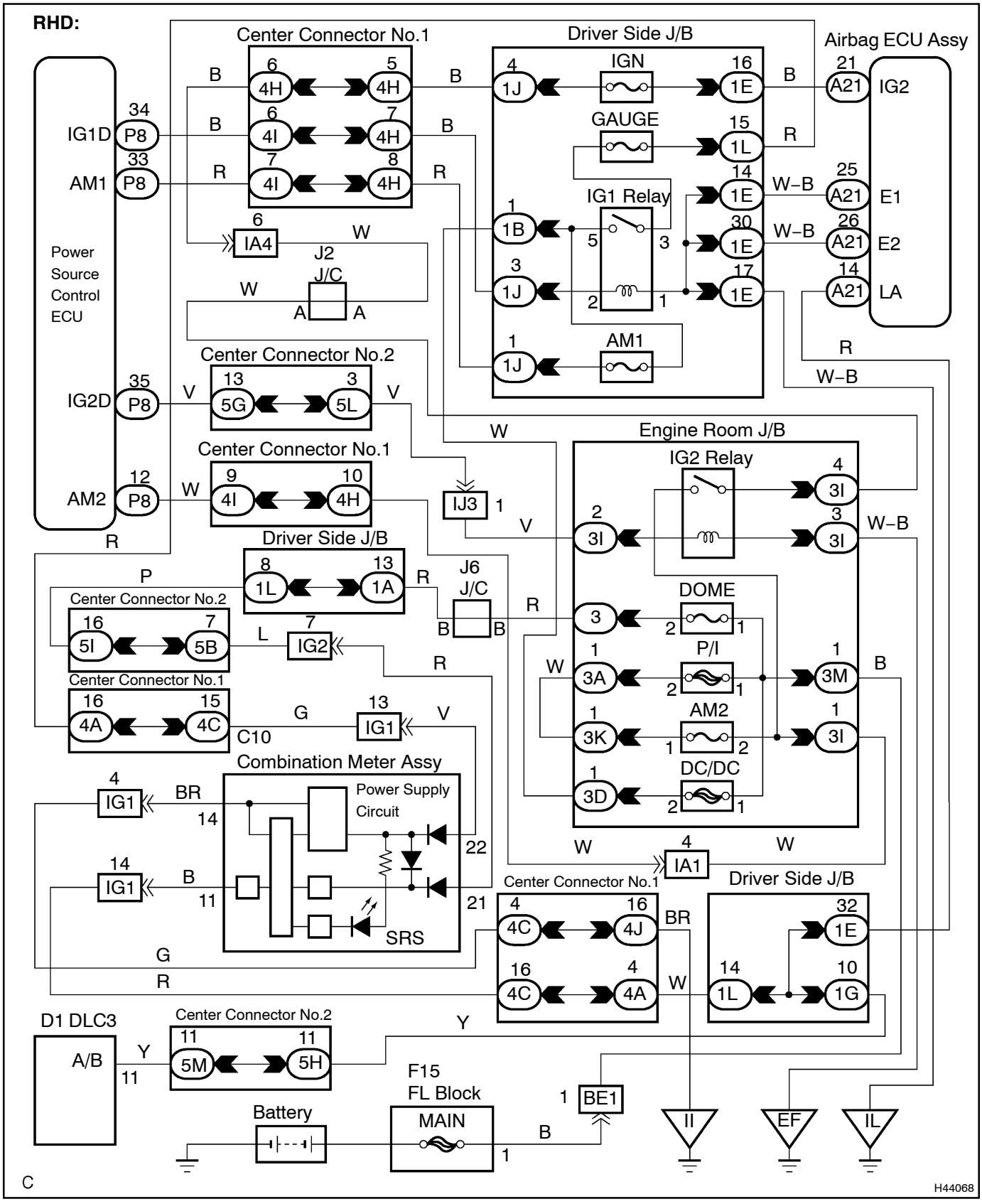
SRS WARNING LIGHT CIRCUIT MALFUNCTION (REMAINS ON WHEN DTC IS NOT OUTPUT.)

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




RHD:
Center Connector No.1
Driver Side J/B
Airbag ECU Assy
IGN
GAUGE
IG1 Relay
AM1
IG2
E1
E2
LA
Power Source Control ECU
IG1D
AM1
IG2D
AM2
IA4
J2
J/C
Center Connector No.2
Center Connector No.1
IJ3
Engine Room J/B
IG2 Relay
DOME
P/I
AM2
DC/DC
IG2
IG1
C10
Combination Meter Assy
Power Supply Circuit
SRS
IA1
Center Connector No.1
Driver Side J/B
D1 DLC3
A/B
Center Connector No.2
F15
FL Block
MAIN
Battery
BE1
II
EF
IL
H44068

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.

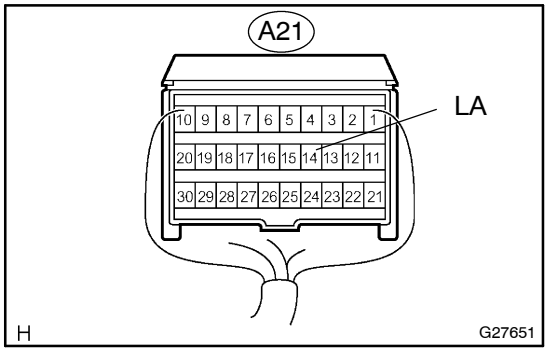
1 CHECK SOURCE VOLTAGE

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

NG → **REPAIR OR REPLACE HARNESS BETWEEN BATTERY AND AIRBAG SENSOR ASSY CENTER, AND CHARGING SYSTEM**

OK

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



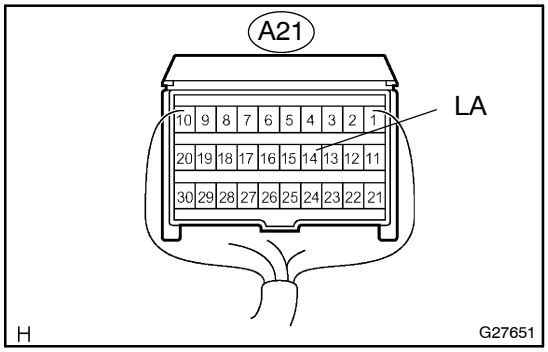
(a) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(b) Turn the power switch on (IG).
(c) Measure the voltage according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified condition
A21–14 (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.

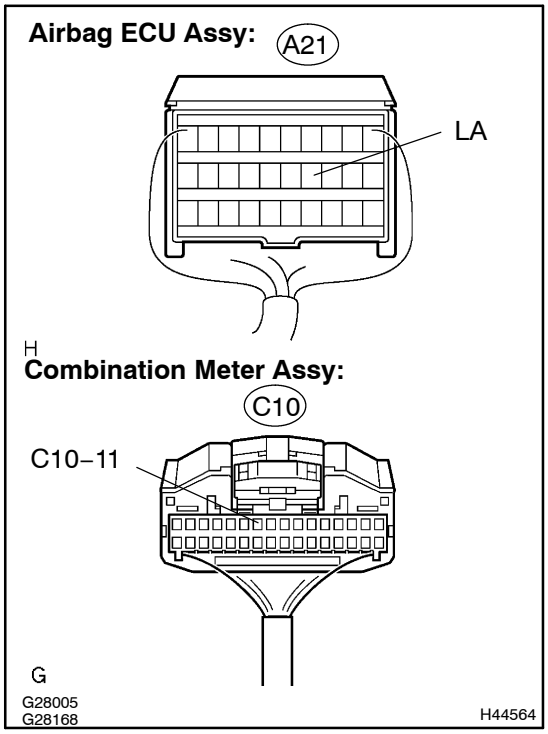
Standard:

Tester connection	Condition	Specified condition
A21–14 (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.

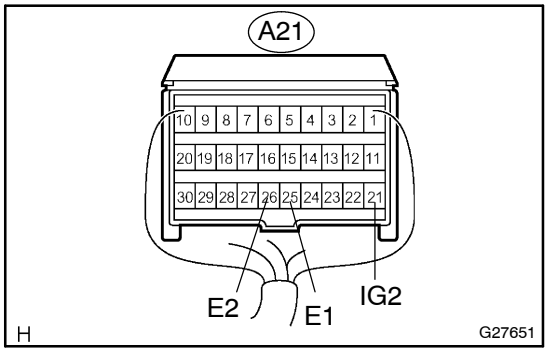
Standard:

Tester connection	Condition	Specified condition
A21–14 (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 seconeds.
(c) Turn the power switch on (IG).
(d) Measure the voltage and resistance according to the value(s) in the table below.

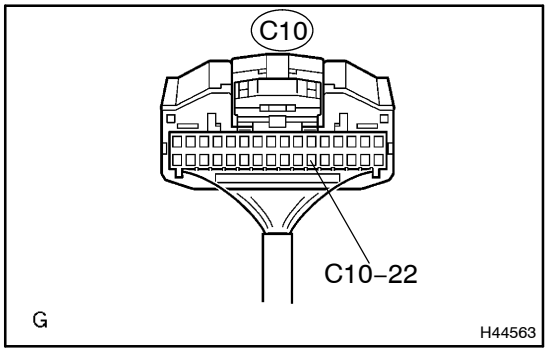
Standard:

Tester connection	Condition	Specified condition
A21–21 (IG2) – Body ground	Power switch is on (IG)	10 to 14 V
A21–25 (E1) – Body ground	Always	Below 1 Ω
A21–26 (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 off (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 05–1573)**

OK

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