

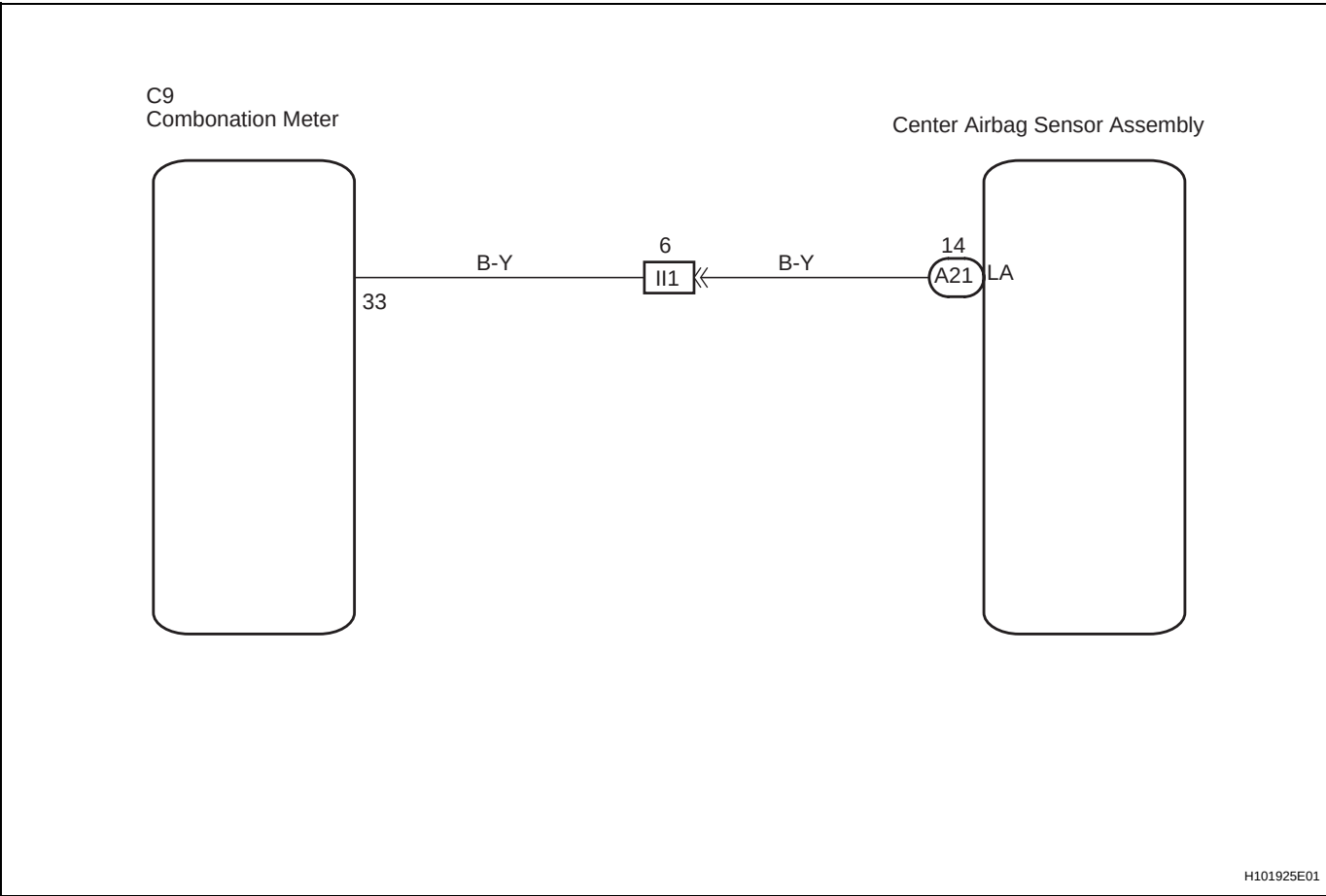
DTC	B1662/45	Indicator Light Circuit Malfunction
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DESCRIPTION

The indicator lamp circuit consists of the center airbag sensor assembly and the combination meter.
DTC B1662/45 is set when a malfunction is detected in the indicator light circuit.

DTC No.	DTC Detecting Conditions	Trouble Areas
B1622/45	- The center airbag sensor assembly receives a line short circuit signal, an open circuit signal, a short circuit to ground signal or a short circuit to B+ signal in the indicator light circuit for 2 seconds - Indicator light circuit malfunction - Center airbag sensor assembly malfunction	- Combination meter - Center airbag sensor assembly - Instrument panel wire

WIRING DIAGRAM



CAUTION:

In order to prevent unexpected airbag deployment, disconnect the following connectors before inspecting parts such as wire harnesses, if the application of tester probes to the center airbag sensor assembly connector is necessary.

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the center airbag sensor assembly.
- (d) Disconnect the connectors from the steering pad.
- (e) Disconnect the connector from the front passenger airbag assembly.
- (f) Disconnect the connector from the front seat outer belt assembly LH.

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(g) Disconnect the connector from the front seat outer belt assembly RH.

HINT:

Skip steps (f) to (i) if side and curtain shield airbags are not fitted.

(h) Disconnect the connector from the front seat airbag assembly LH.

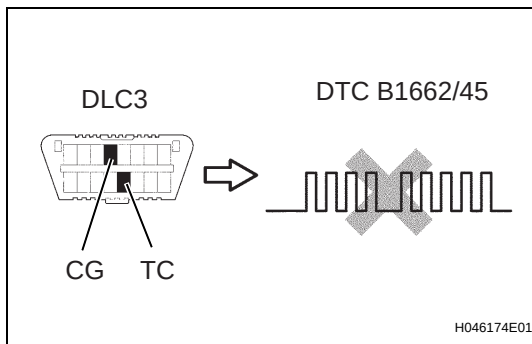
(i) Disconnect the connector from the front seat airbag assembly RH.

(j) Disconnect the connector from the curtain shield airbag assembly LH.

(k) Disconnect the connector from the curtain shield airbag assembly RH.

1

CHECK DTC



- Turn the ignition switch to the ON position.
- Clear any DTCs stored in the memory (See page [RS-34](#)).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position and wait for at least 60 seconds.
- Check the DTCs (See page [RS-34](#)).

OK:

DTC B1662/45 is not output.

HINT:

DTCs other than B1662/45 may be output at this time, but they are not related to this check.

OK

OTHERS USE SIMULATION METHOD TO CHECK

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2

CHECK CONNECTORS

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

OK:

The connectors are properly connected.

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CONNECT CONNECTOR

OK

3

CHECK CONNECTORS

- Check that the connectors (on the center airbag sensor assembly side and combination meter side) are not damaged (See page [IN-34](#)).

OK:

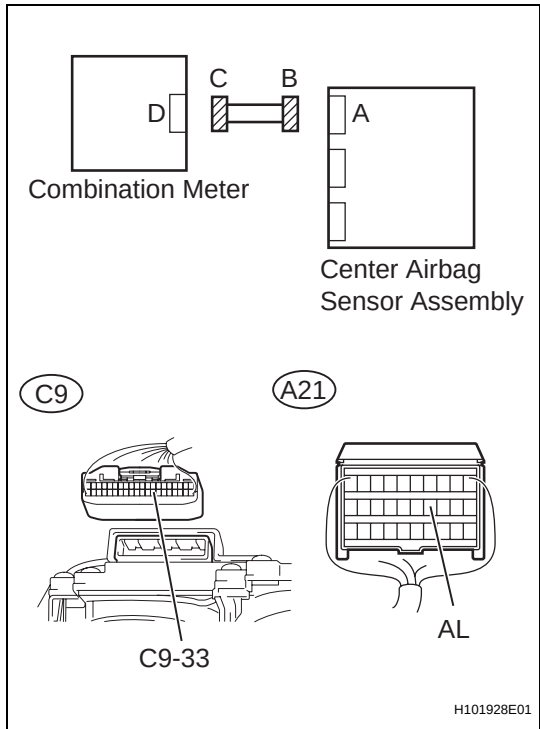
The connectors are not deformed or damaged.

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REPAIR OR REPLACE WIRE HARNESS

OK

4 CHECK INSTRUMENT PANEL WIRE (FOR OPEN)



- (a) Disconnect the connectors from the center airbag sensor assembly and the combination meter.
- (b) Measure the resistance.

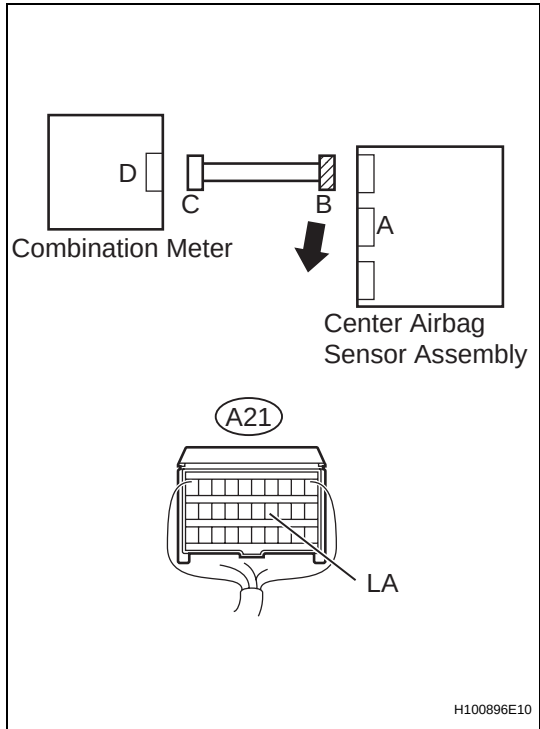
Standard resistance

Tester Connection	Condition	Specified Condition
A21-14 (LA) - C9-33	Always	Below 1 Ω

NG REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

5 CHECK INSTRUMENT PANEL WIRE (TO GROUND)



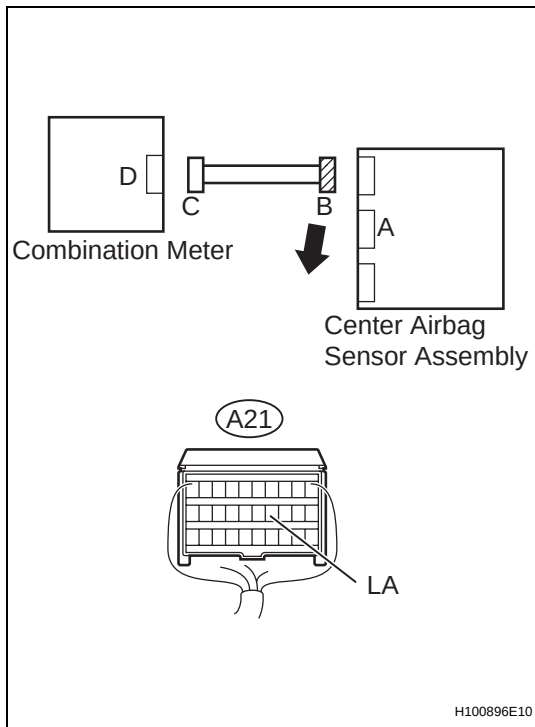
- (a) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
A21-14 (LA) - Body ground	Always	1 MΩ or Higher

NG REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

6 CHECK INSTRUMENT PANEL WIRE (TO B+)

- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position.
- Measure the voltage.

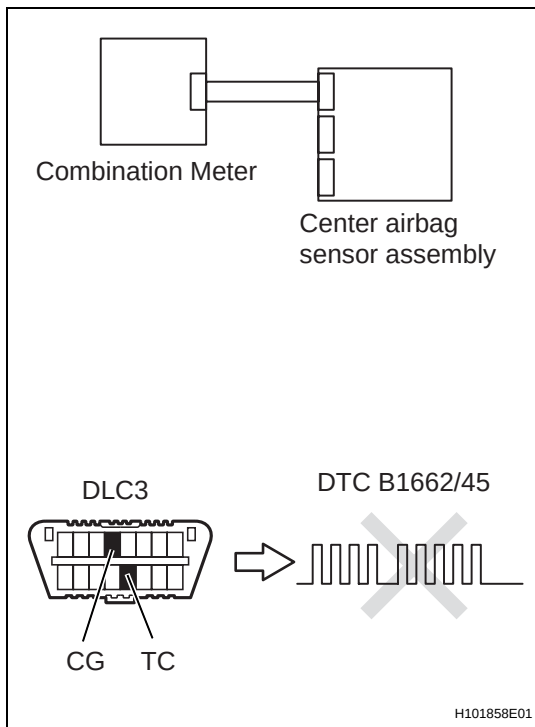
Standard voltage

Tester Connection	Condition	Specified Condition
A21-14 (LA) - Body ground	Ignition switch ON	Below 1 V

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REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

7 CHECK CENTER AIRBAG SENSOR ASSEMBLY

- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Replace the center airbag sensor assembly (See page [RS-602](#)).

HINT:

Perform the inspection using parts from a normal vehicle when possible.

- Connect the connectors to the center airbag sensor assembly and the combination meter assembly.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Clear any DTCs stored in the memory (See page [RS-34](#)).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Check for DTCs (See page [RS-34](#)).

OK:

DTC B1662/45 is not output.

HINT:
DTCs other than B1662/45 may be output at this time, but they are not related to this check.

OK

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INSPECT COMBINATION METER ASSEMBLY

END