DTC	B1900/73	Short in Driver Side Front Pretensioner Squib Circuit

DTC	B1901/73	Open in Driver Side Front Pretensioner Squib Circuit

DTC	B1902/73	Short to GND in Driver Side Front Pretensioner Squib Circuit

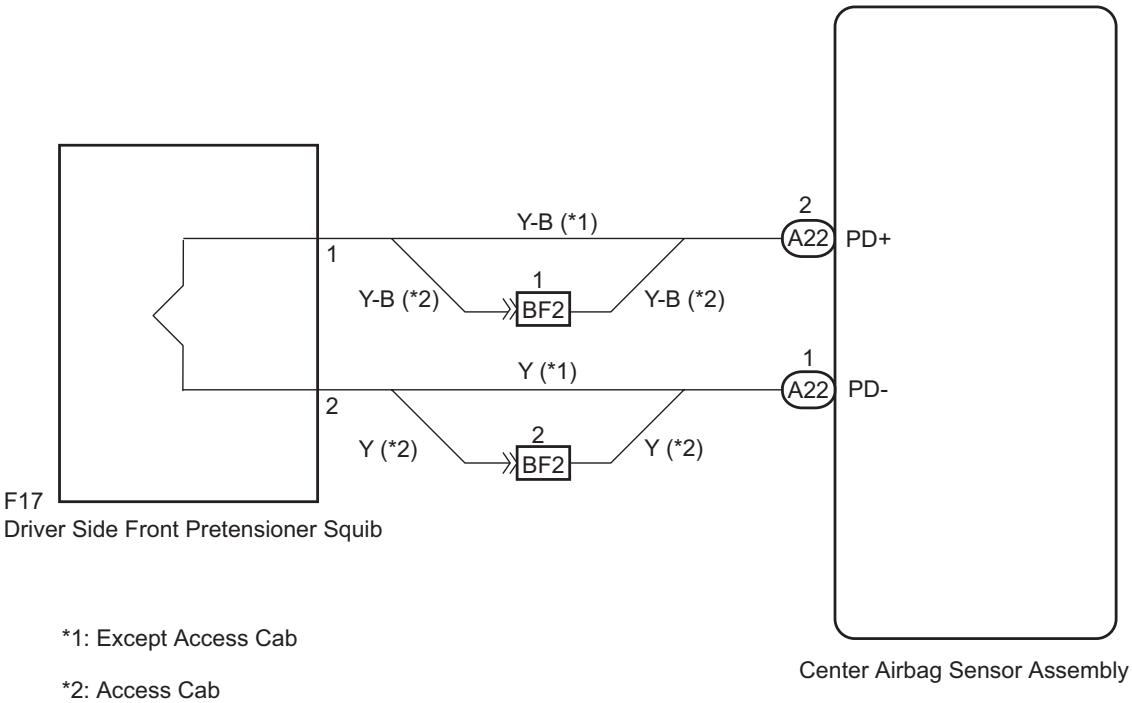
DTC	B1903/73	Short to B+ in Driver Side Front Pretensioner Squib Circuit

DESCRIPTION

The pretensioner squib (driver seat side) circuit consists of the center airbag sensor assembly and the front seat outer belt assembly LH.
This circuit signals the SRS to deploy when airbag deployment conditions are met.
These DTCs are set when a malfunction is detected in the pretensioner squib (driver seat side) circuit.

DTC No.	DTC Detections Conditions	Trouble Areas
B1900/73	• The center airbag sensor assembly receives a line short circuit signal in the pretensioner squib (driver seat side) circuit for 2 seconds • Pretensioner squib (driver seat side) malfunction • Center airbag sensor assembly malfunction	• No. 2 floor wire • No. 2 rear door wire (*1) • Front seat outer belt assembly LH (Pretensioner squib [driver seat side]) • Center airbag sensor assembly
B1901/73	• The center airbag sensor assembly receives an open circuit signal in the pretensioner squib (driver seat side) circuit for 2 seconds • Pretensioner squib (driver seat side) malfunction • Center airbag sensor assembly center malfunction	• No. 2 floor wire • No. 2 rear door wire (*1) • Front seat outer belt assembly LH (Pretensioner squib [driver seat side]) • Center airbag sensor assembly
B1902/73	• The center airbag sensor assembly receives a short circuit to ground signal in the pretensioner squib (driver seat side) circuit for 0.5 seconds • Pretensioner squib (driver seat side) malfunction • Center airbag sensor assembly malfunction	• No. 2 floor wire • No. 2 rear door wire (*1) • Front seat outer belt assembly LH (Pretensioner squib [driver seat side]) • Center airbag sensor assembly
B1903/73	• The center airbag sensor assembly receives a short circuit to B+ signal in the pretensioner squib (driver seat side) circuit for 0.5 seconds • Pretensioner squib (driver seat side) malfunction • Center airbag sensor assembly malfunction	• No. 2 floor wire • No. 2 rear door wire (*1) • Front seat outer belt assembly LH (Pretensioner squib [driver seat side]) • Center airbag sensor assembly

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.

RS

(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 airbag assembly LH.
(g) Disconnect the connector from the front seat airbag assembly RH.
HINT:
Skip the following steps if side and curtain shield airbags are not fitted.
(h) Disconnect the connector from the curtain shield airbag assembly LH.
(i) Disconnect the connector from the curtain shield airbag assembly RH.
(j) Disconnect the connector from the front seat outer belt assembly LH.
(k) Disconnect the connector from the front seat outer belt assembly RH.

1	CHECK DTC

(a) Proceed to the appropriate step according to DTC readings.
(1) If using the intelligent tester (read the 5-digit DTCs): Using the intelligent tester, check for DTCs (See page RS-34).
Result

Result	Proceed to
DTC B1900 is output.	A
DTC B1901 is output.	B
DTC B1902 is output.	C
DTC B1903 is output.	D

(2) If not using the intelligent tester (read the 2-digit DTCs): Check for DTCs (See page RS-34).
Result

Result	Proceed to
DTC 73 is output.	E

B → Go to step 9

C → Go to step 14

D → Go to step 19

E → Go to step 28

A

2	CHECK CONNECTOR

(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) Check that the connector (on the front seat outer belt assembly LH side) is not damaged.
OK:
The lock button is not disengaged, and the claw of the lock is not deformed or damaged.

NG → REPAIR OR REPLACE NO. 2 FLOOR WIRE (EXCEPT ACCESS CAB)

NG → REPAIR OR REPLACE NO. 2 REAR DOOR WIRE (ACCESS CAB)

OK

RS

3 CHECK CONNECTION OF CONNECTORS

(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor LH.

Result

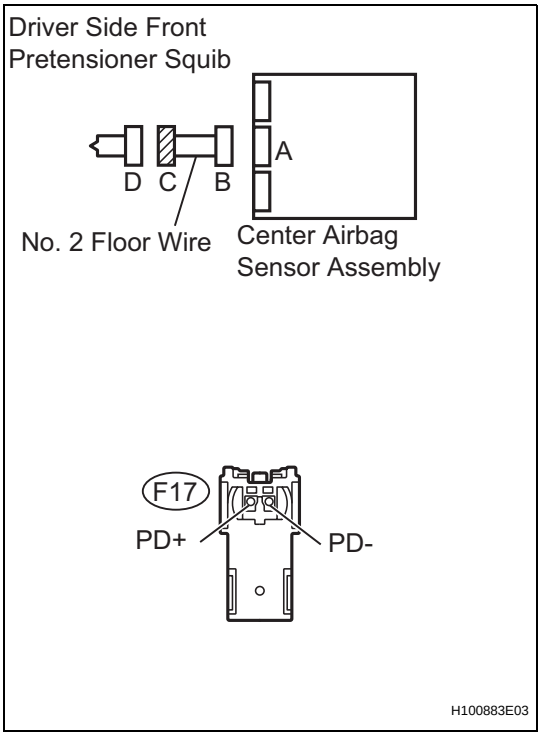
Condition	Proceed to
Normal (Expect access cab)	A
Normal (Access cab)	B
Abnormal	C

B → Go to step 6

C → CONNECT CONNECTORS

A

4 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (FOR SHORT)



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly LH.

(b) Release the activation prevention mechanism built into connector B (See page RS-28).

(c) Measure the resistance.

Standard resistance

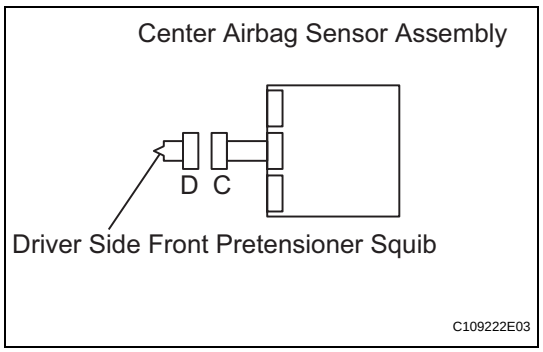
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

NG → REPAIR OR REPLACE NO. 2 FLOOR WIRE

OK

RS

5 CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Connect the connectors to the center airbag sensor assembly.
(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(d) Clear any DTCs stored in the memory (See page RS-34).
(e) Turn the ignition switch to the LOCK position.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Check for DTCs (See page RS-34).

OK:

DTC B1900 is not output.

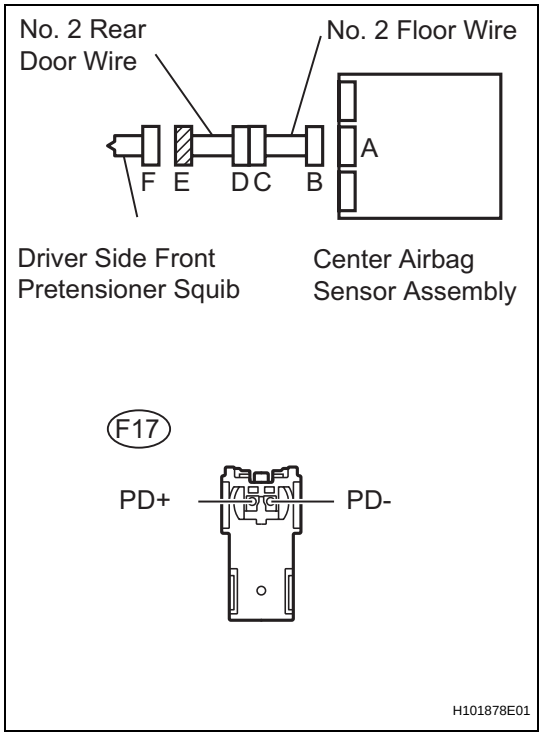
HINT:
DTCs other than B1900 may be output at this time, but they are not related to this check.

OK	**Go to step 25**

NG

REPLACE CENTER AIRBAG SENSOR ASSEMBLY

6 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (FOR SHORT)



(a) Disconnect the No. 2 floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 2 rear door wire connector from the front seat outer belt assembly LH.
(c) Release the activation prevention mechanism built into connector B (See page RS-28)
(d) Measure the resistance.

Standard resistance

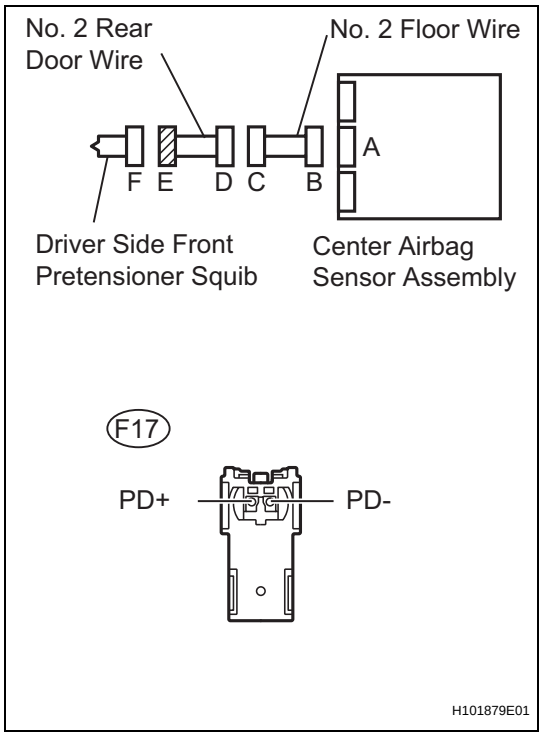
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

OK	**Go to step 8**

RS

NG

7 CHECK NO. 2 REAR DOOR WIRE (FOR SHORT)



(a) Disconnect the No. 2 floor wire connector from the No. 2 rear door wire.
(b) Release the activation prevention mechanism built into connector D (See page RS-28).
(c) Measure the resistance.
Standard resistance

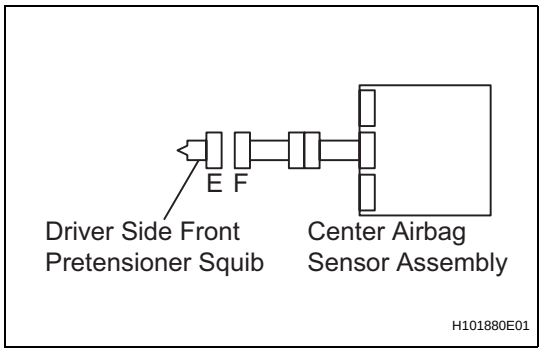
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE**

OK

REPAIR OR REPLACE NO. 2 FLOOR WIRE

8 CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Connect the No. 2 floor wire connectors to the center airbag sensor assembly and No. 2 rear door wire.
(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(d) Clear any DTCs stored in the memory (See page RS-34).
(e) Turn the ignition switch to the LOCK position.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Check for DTCs (See page RS-34).
OK:
DTC B1900 is not output.

HINT:
DTCs other than B1900 may be output at this time, but they are not related to this check.

OK → **Go to step 27**

RS

NG

REPLACE CENTER AIRBAG SENSOR ASSEMBLY

9 **CHECK CONNECTOR**

(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) Check that the connector (on the front seat outer belt assembly LH side) is not damaged.
OK:
The lock button is not disengaged, and the claw of the lock is not deformed or damaged.

NG → **REPAIR OR REPLACE NO. 2 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE (ACCESS CAB)**

OK

10 **CHECK CONNECTION OF CONNECTORS**

(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor LH.
Result

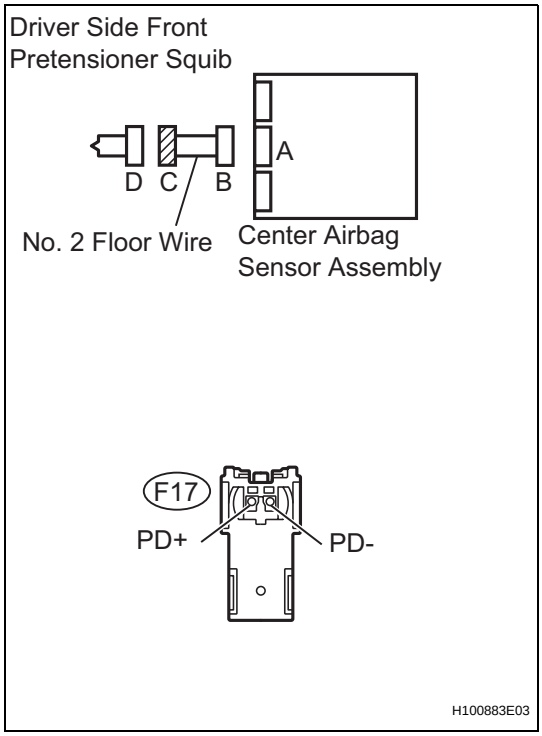
Condition	Proceed to
Normal (Expect access cab)	A
Normal (Access cab)	B
Abnormal	C

B → **Go to step 12**

C → **CONNECT CONNECTORS**

A

11	CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (FOR OPEN)



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly LH.

(b) Measure the resistance.

Standard resistance

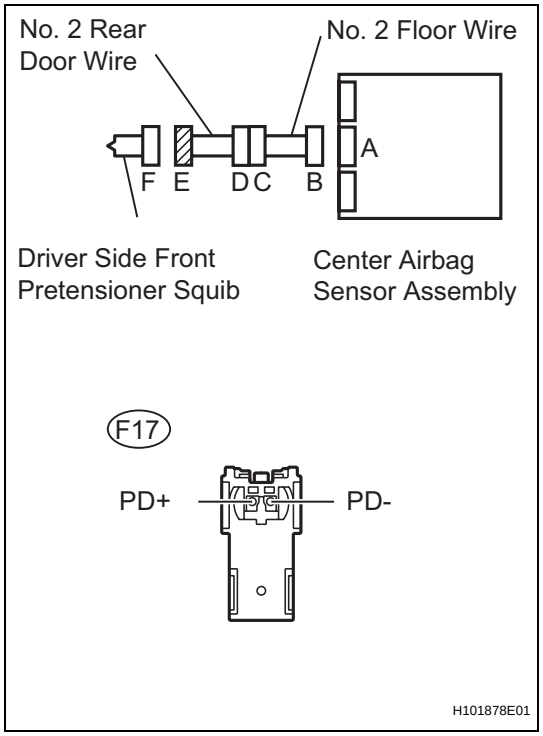
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	Below 1 Ω

OK → **Go to step 24**

NG

REPAIR OR REPLACE NO. 2 FLOOR WIRE

12 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (FOR OPEN)



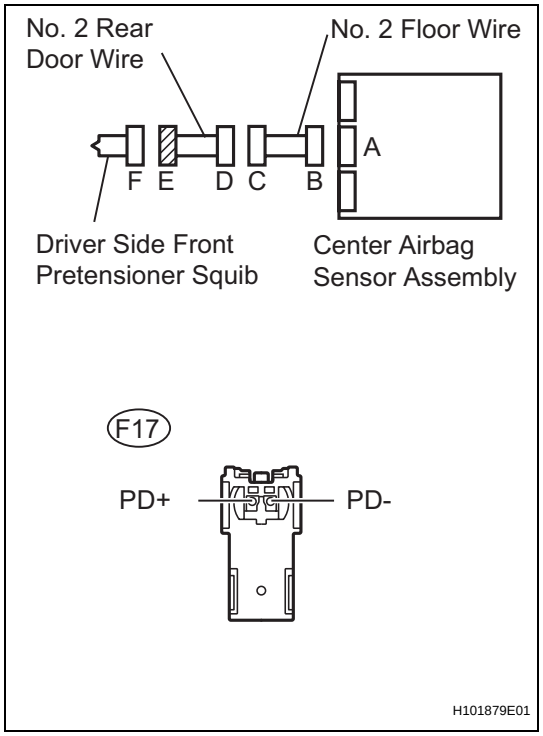
(a) Disconnect the No. 2 floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 2 rear door wire connector from the front seat outer belt assembly LH.
(c) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	Below 1 Ω

OK → **Go to step 26**

NG

13 CHECK NO. 2 REAR DOOR WIRE (FOR OPEN)



(a) Disconnect the No. 2 floor wire connector from the No. 2 rear door wire.
(b) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE NO. 2 FLOOR WIRE

14 CHECK CONNECTOR

(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) Check that the connector (on the front seat outer belt assembly LH side) is not damaged.
OK:
The lock button is not disengaged, and the claw of the lock is not deformed or damaged.

NG → **REPAIR OR REPLACE NO. 2 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE (ACCESS CAB)**

OK

15 CHECK CONNECTION OF CONNECTORS

(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor LH.
Result

Condition	Proceed to
Normal (Expect access cab)	A
Normal (Access cab)	B
Abnormal	C

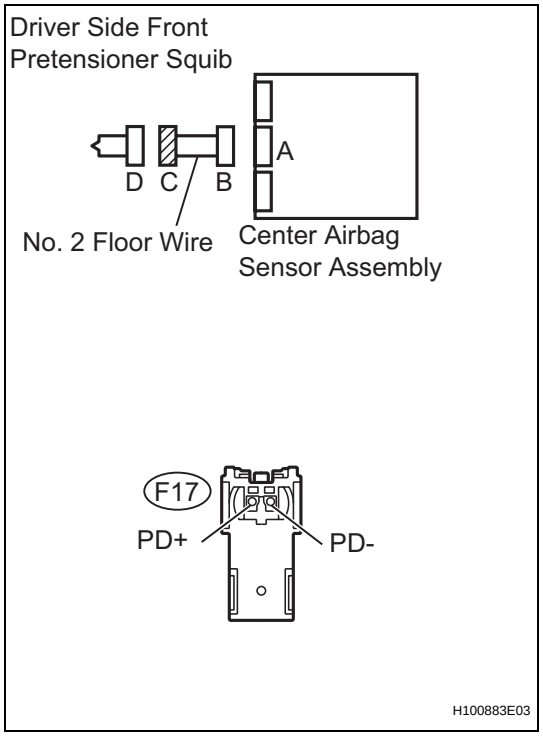
B → **Go to step 17**

C → **CONNECT CONNECTORS**

A

RS

16	CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (TO GROUND)



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly LH.

(b) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

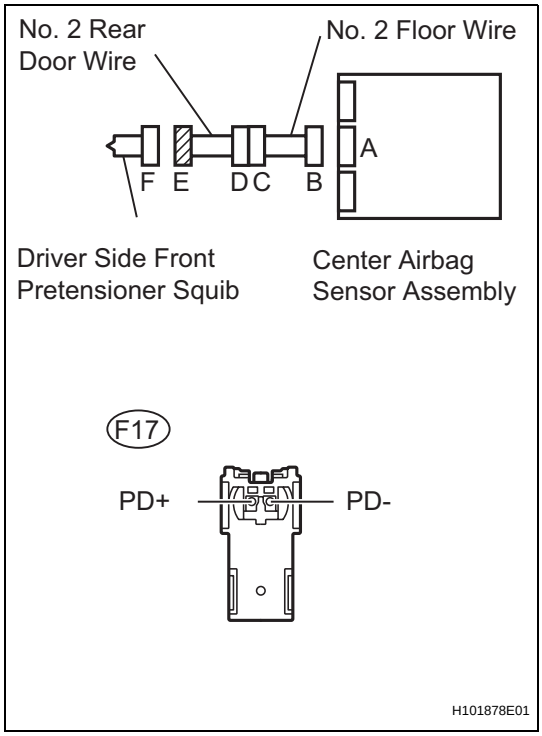
OK → **Go to step 24**

NG

REPAIR OR REPLACE NO. 2 FLOOR WIRE

RS

17 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (TO GROUND)



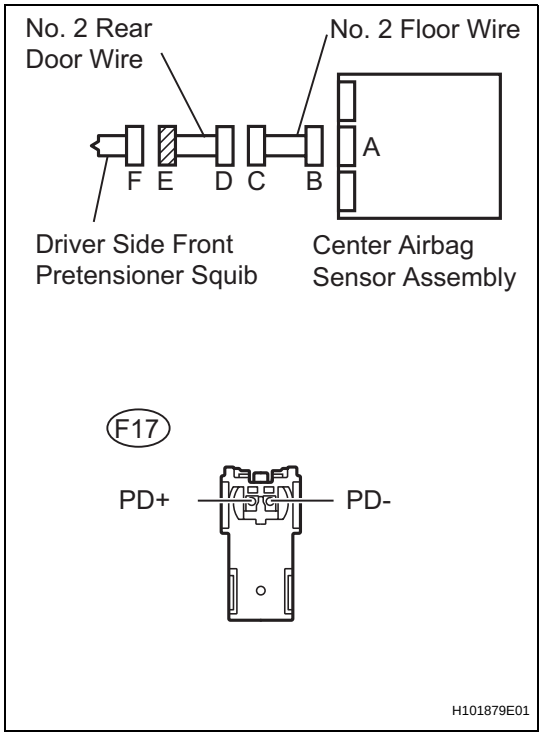
(a) Disconnect the No. 2 floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 2 rear door wire connector from the front seat outer belt assembly LH.
(c) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

OK → **Go to step 26**

NG

18 CHECK NO. 2 REAR DOOR WIRE (TO GROUND)



(a) Disconnect the No. 2 floor wire connector from the No. 2 rear door wire.
(b) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE NO. 2 FLOOR WIRE

19 CHECK CONNECTOR

(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) Check that the connector (on the front seat outer belt assembly LH side) is not damaged.
OK:
The lock button is not disengaged, and the claw of the lock is not deformed or damaged.

NG → **REPAIR OR REPLACE NO. 2 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE (ACCESS CAB)**

OK

20 CHECK CONNECTION OF CONNECTORS

(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor LH.
Result

Condition	Proceed to
Normal (Expect access cab)	A
Normal (Access cab)	B
Abnormal	C

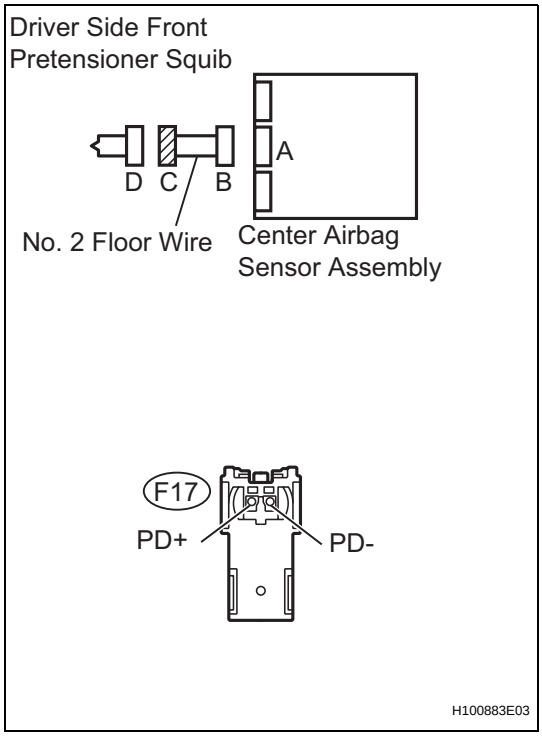
B → **Go to step 22**

C → **CONNECT CONNECTORS**

A

RS

21	CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (TO B+)



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly LH.
(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position.
(d) Measure the voltage.

Standard voltage

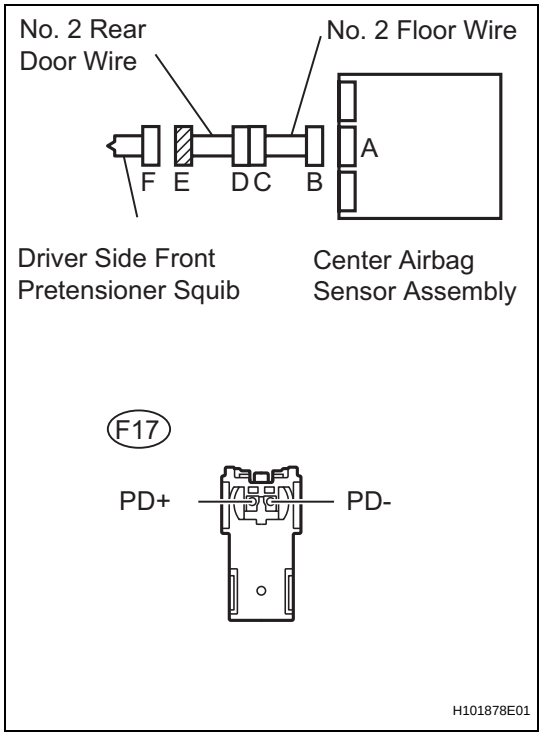
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

OK → **Go to step 24**

NG

REPAIR OR REPLACE NO. 2 FLOOR WIRE

22 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT (TO B+)



(a) Disconnect the No. 2 floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 2 rear door wire connector from the front seat outer belt assembly LH.
(c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(d) Turn the ignition switch to the ON position.
(e) Measure the resistance.

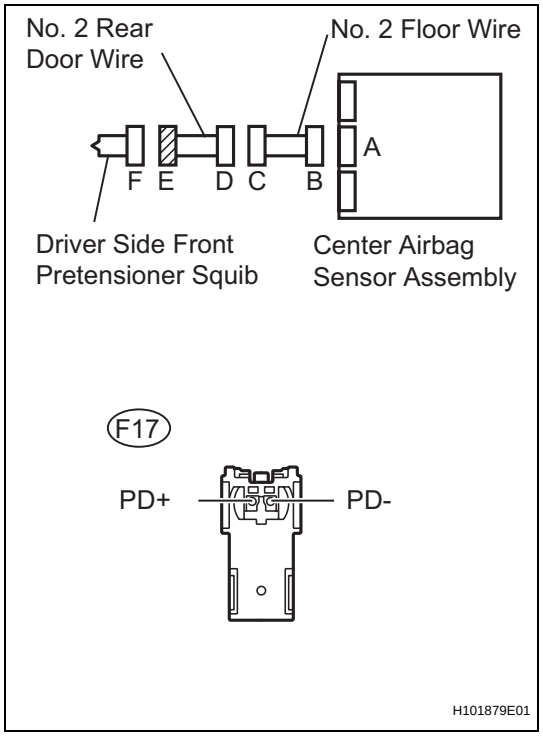
Standard voltage

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

OK → **Go to step 26**

NG

23 CHECK NO. 2 REAR DOOR WIRE (TO B+)



(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 No. 2 floor wire connector from the No. 2 rear door wire.
(d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(e) Turn the ignition switch to the ON position.
(f) Measure the resistance.

Standard voltage

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

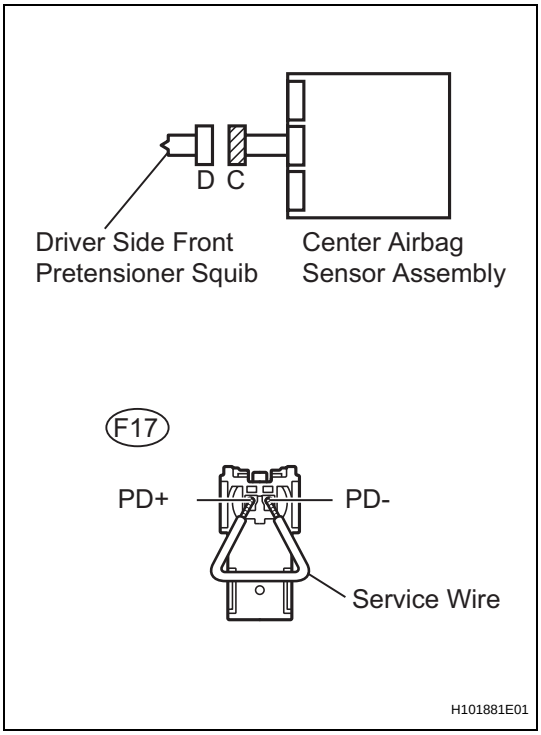
NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE NO. 2 FLOOR WIRE

24	CHECK CENTER AIRBAG SENSOR ASSEMBLY



HINT:
If continuing from step 21, begin from (a). If continuing from any other step, begin from (c).

(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) Connect the connectors to the center airbag sensor assembly.
(d) Using a service wire, connect F17-1 (PD+) and F17-2 (PD-) of connector C.

NOTICE:

- **Twist the end of the service wire in order to insert it into the connector.**
- **Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.**

(e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Clear any DTCs stored in the memory (See page RS-34).
(h) Turn the ignition switch to the LOCK position.
(i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(j) Check for DTCs (See page RS-34).

OK:

DTC B1901, B1902 and B1903 are not output.

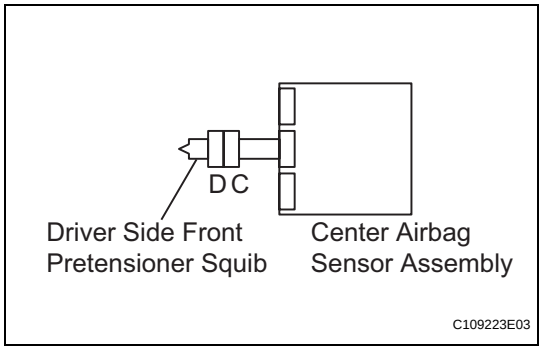
HINT:
DTCs other than B1901, B1902 or B1903 may be output at this time, but they are not related to this check.

NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

RS

OK

25	CHECK FRONT SEAT OUTER BELT ASSEMBLY LH



HINT:
If continuing from step 24, begin from (c). If continuing from any other step, being from (a).

(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 service wire from connector C.
(d) Connect the connector to the front seat outer belt assembly LH.
(e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Clear any DTCs stored in the memory (See page RS-34).
(h) Turn the ignition switch to the LOCK position.
(i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(j) Check for DTCs (See page RS-34).

OK:

DTC B1900, B1901, B1902 and B1903 are not output.

HINT:
DTCs other than B1900, B1901, B1902 or B1903 may be output at this time, but they are not related to this check.

NG → **REPLACE FRONT SEAT OUTER BELT ASSEMBLY LH**

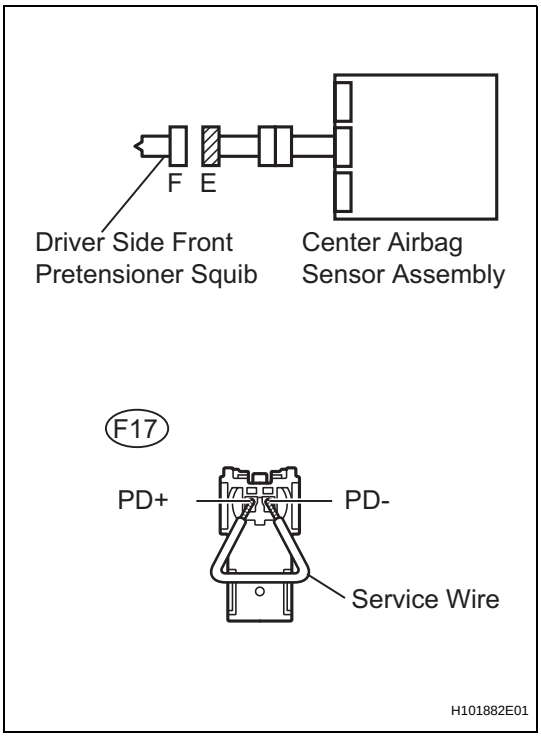
OK

USE SIMULATION METHOD TO CHECK

26	REPLACE CENTER AIRBAG SENSOR ASSEMBLY

HINT:
If continuing from step 22, begin from (a). If continuing from any other step, begin from (c).

RS



(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) Connect the connectors to the center airbag sensor assembly.
(d) Using a service wire, connect F17-1 (PD+) and F17-2 (PD-) of connector C.

NOTICE:

- **Twist the end of the service wire in order to insert it into the connector.**
- **Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.**

(e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Clear any DTCs stored in the memory (See page RS-34).
(h) Turn the ignition switch to the LOCK position.
(i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(j) Check for DTCs (See page RS-34).

OK:

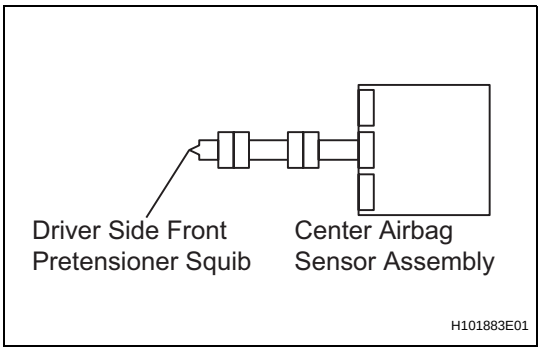
DTC B1901, B1902 and B1903 are not output.

HINT:
DTCs other than B1901, B1902 or B1903 may be output at this time, but they are not related to this check.

NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

OK

27	CHECK FRONT SEAT OUTER BELT ASSEMBLY LH



HINT:
If continuing from step 26, begin from (c). If continuing from any other step, being from (a).
(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 service wire from connector C.
(d) Connect the connector to the front seat outer belt assembly LH.
(e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Clear any DTCs stored in the memory (See page RS-34).
(h) Turn the ignition switch to the LOCK position.
(i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(j) Check for DTCs (See page RS-34).

RS

OK:

DTC B1900, B1901, B1902 and B1903 are not output.

HINT:

DTCs other than B1900, B1901, B1902 or B1903 may be output at this time, but they are not related to this check.

NG → **REPLACE FRONT SEAT OUTER BELT ASSEMBLY LH**

OK →

USE SIMULATION METHOD TO CHECK

28 CHECK CONNECTOR

(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) Check that the connector (on the front seat outer belt assembly LH side) is not damaged.

OK:

The lock button is not disengaged, and the claw of the lock is not deformed or damaged.

NG → **REPAIR OR REPLACE NO. 2 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE (ACCESS CAB)**

OK →

29 CHECK CONNECTION OF CONNECTORS

(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor LH.

Result

Condition	Proceed to
Normal (Expect access cab)	A
Normal (Access cab)	B
Abnormal	C

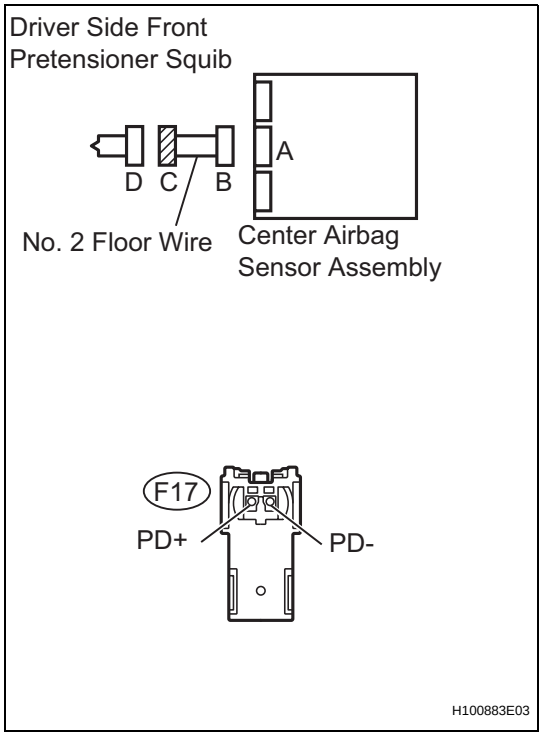
B → **Go to step 32**

C → **CONNECT CONNECTORS**

A →

RS

30 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly LH.
(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position.
(d) Measure the voltage.

Standard voltage

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

(e) Turn the ignition switch to the LOCK position.
(f) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
(g) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	Below 1 Ω
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

(h) Release the activation prevention mechanism built into connector B (See page RS-28).
(i) Measure the resistance.

Standard resistance

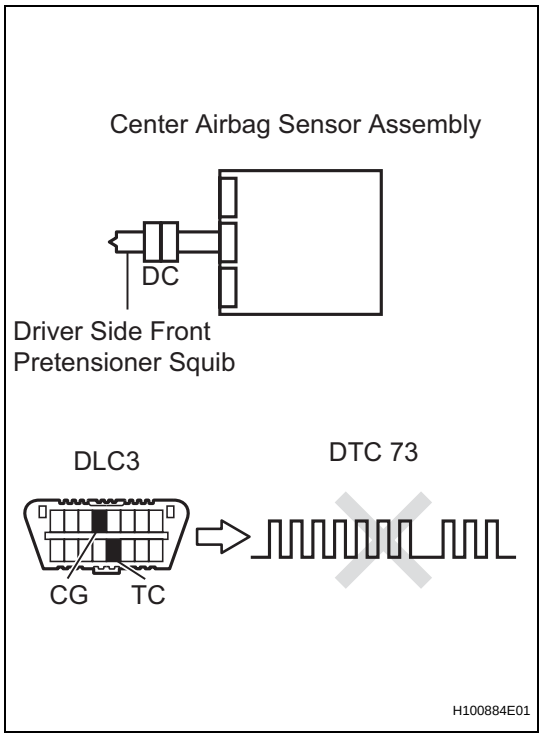
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 2 FLOOR WIRE**

OK

RS

31	CHECK FRONT SEAT OUTER BELT ASSEMBLY LH (PRETENSIONER SQUIB (DRIVER SEAT SIDE))



(a) Replace the front seat outer belt assembly LH (See page SB-16, SB-36 or SB-27).

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

(b) Connect the connectors to the center airbag sensor assembly.
(c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(d) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(e) Clear any DTCs stored in the memory (See page RS-34).
(f) Turn the ignition switch to the LOCK position.
(g) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(h) Check for DTCs (See page RS-34).

OK:

DTC 73 is not output.

HINT:
DTCs other than 73 may be output at this time, but they are not related to this check.

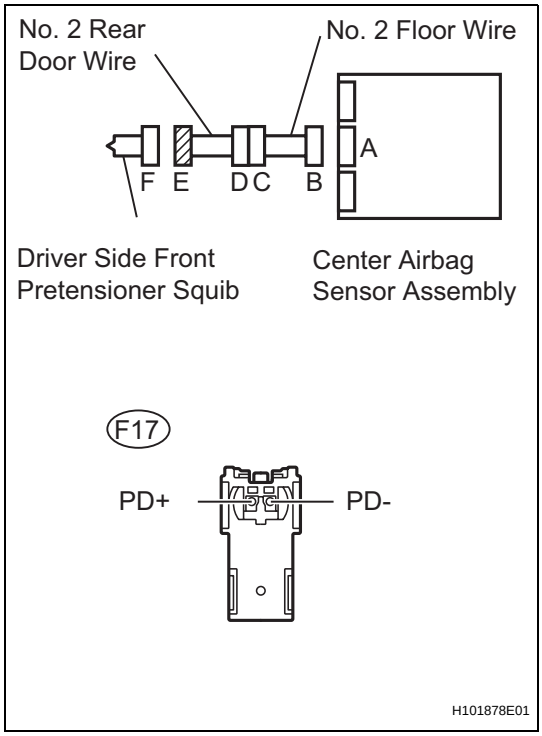
NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

OK

END

RS

32 CHECK DRIVER SIDE FRONT PRETENSIONER SQUIB CIRCUIT



(a) Disconnect the No. 2 floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 2 rear door wire connector from the front sear outer belt assembly LH.
(c) Connect the negative (-) terminal cable from the battery, and wait for at least 2 seconds.
(d) Turn the ignition switch to the ON position.
(e) Measure the voltage.

Standard voltage

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

(f) Turn the ignition switch to the LOCK position.
(g) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
(h) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	Below 1 Ω
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

(i) Release the activation prevention mechanism built into connector B (See page RS-28).
(j) Measure the resistance.

Standard resistance

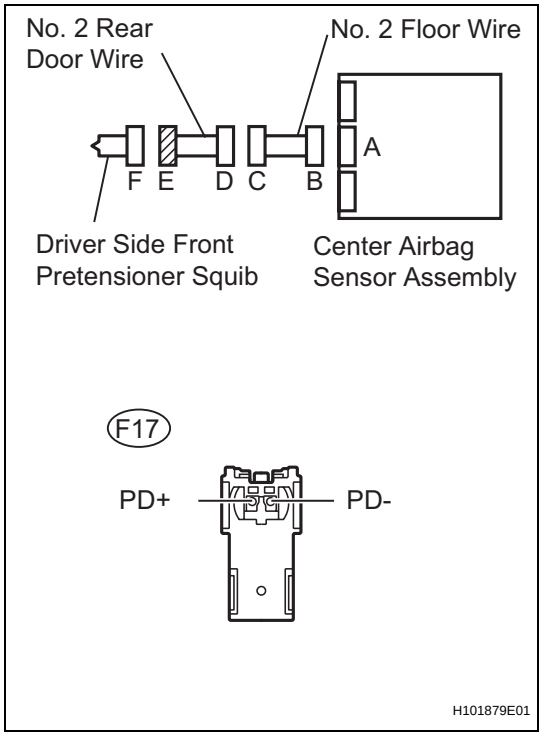
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

RS

OK → **Go to step 34**

NG

33 REPAIR OR REPLACE NO. 2 REAR DOOR WIRE



(a) Disconnect the No. 2 floor wire connector from the No. 2 rear door wire.
(b) Connect the negative (-) terminal cable from the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position.
(d) Measure the voltage.

Standard voltage

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - Body ground	Ignition switch ON	Below 1 V
F17-2 (PD-) - Body ground	Ignition switch ON	Below 1 V

(e) Turn the ignition switch to the LOCK position.
(f) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
(g) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	Below 1 Ω
F17-1 (PD+) - Body ground	Always	1 MΩ or higher
F17-2 (PD-) - Body ground	Always	1 MΩ or higher

(h) Release the activation prevention mechanism built into connector B (See page RS-28).
(i) Measure the resistance.

Standard resistance

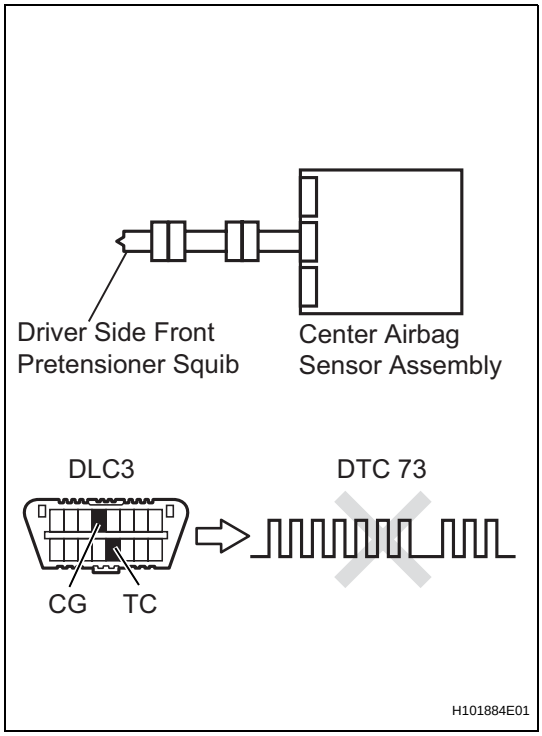
Tester Connection	Condition	Specified Condition
F17-1 (PD+) - F17-2 (PD-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 2 REAR DOOR WIRE**

OK

RS

34	REPLACE FRONT SEAT OUTER BELT ASSEMBLY LH



(a) Replace the front seat outer belt assembly LH (See page SB-16, SB-36 or SB-27).

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

(b) Connect the connectors to the center. Airbag sensor assembly.
(c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
(d) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(e) Clear any DTCs stored in the memory (See page RS-34).
(f) Turn the ignition switch to the LOCK position.
(g) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(h) Check for DTCs (See page RS-34).

OK:

DTC 73 is not output.

HINT:
DTCs other than 73 may be output at this time, but they are not related to this check.

NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

OK

END

RS