DTC	B1905/74	Short in Front Passenger Side Front Pretensioner Squib Circuit

DTC	B1906/74	Open in Front Passenger Side Front Pretensioner Squib Circuit

DTC	B1907/74	Short to GND in Front Passenger Side Front Pretensioner Squib Circuit

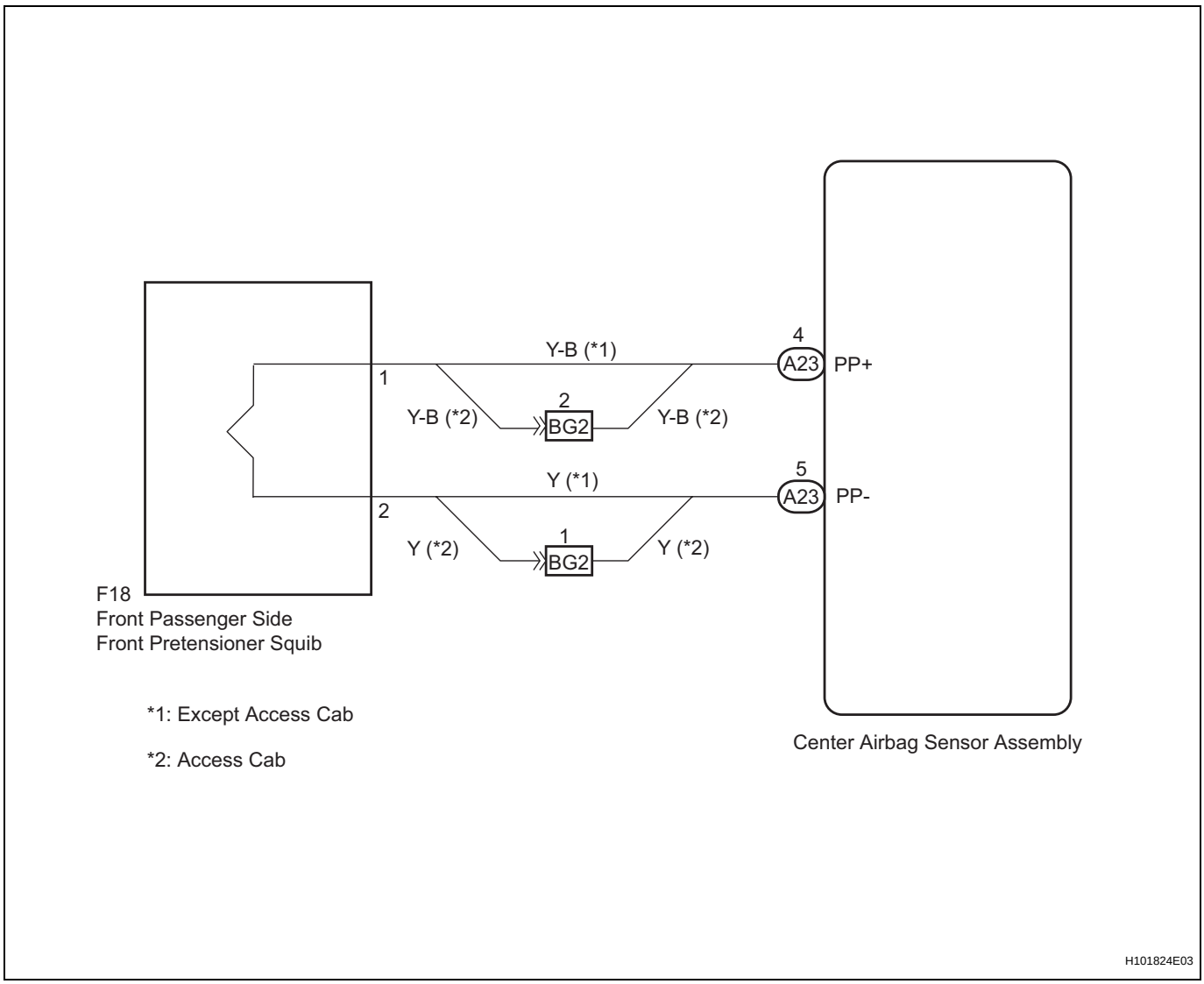
DTC	B1908/74	Short to B+ in Front Passenger Side Front Pretensioner Squib Circuit

DESCRIPTION

The pretensioner squib (front passenger seat side) circuit consists of the center airbag sensor assembly and the front seat outer belt assembly RH.
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 (front passenger seat side) circuit.

DTC No.	DTC Detections Conditions	Trouble Areas
B1905/74	• The center airbag sensor assembly receives a line short circuit signal in the pretensioner squib (front passenger seat side) circuit for 2 seconds • Pretensioner squib (front passenger seat side) malfunction • Center airbag sensor assembly malfunction	• Floor wire • No. 1 rear door wire (*1) • Front seat outer belt assembly RH (Pretensioner squib [front passenger seat side]) • Center airbag sensor assembly
B1906/74	• The center airbag sensor assembly receives an open circuit signal in the pretensioner squib (front passenger seat side) circuit for 2 seconds • Pretensioner squib (front passenger seat side) malfunction • Center airbag sensor assembly malfunction	• Floor wire • No. 1 rear door wire (*1) • Front seat outer belt assembly RH (Pretensioner squib [front passenger seat side]) • Center airbag sensor assembly
B1907/74	• The center airbag sensor assembly receives a short circuit to ground signal in the pretensioner squib (front passenger seat side) circuit for 0.5 seconds • Pretensioner squib (front passenger seat side) malfunction • Center airbag sensor assembly malfunction	• Floor wire • No. 1 rear door wire (*1) • Front seat outer belt assembly RH (Pretensioner squib [front passenger seat side]) • Center airbag sensor assembly
B1908/74	• The center airbag sensor assembly receives a short circuit to B+ signal in the pretensioner squib (front passenger seat side) circuit for 0.5 seconds • Pretensioner squib (front passenger seat side) malfunction • Center airbag sensor assembly malfunction	• Floor wire • No. 1 rear door wire (*1) • Front seat outer belt assembly RH (Pretensioner squib [front passenger 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 B1905 is output.	A
DTC B1906 is output.	B
DTC B1907 is output.	C
DTC B1908 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 74 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 RH 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 FLOOR WIRE (EXCEPT ACCESS CAB)

NG → REPAIR OR REPLACE NO. 1 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 RH.

Result

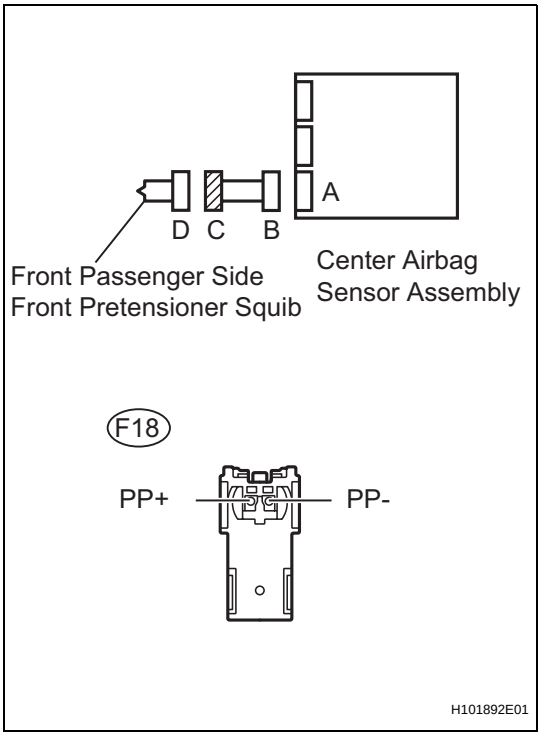
Condition	Proceed to
Normal (Except access cab)	A
Normal (Access cab)	B
Abnormal	C

B → Go to step 6

C → CONNECT CONNECTORS

A

4	CHECK FRONT PASSENGER 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 RH.

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

(c) Measure the resistance.

Standard resistance

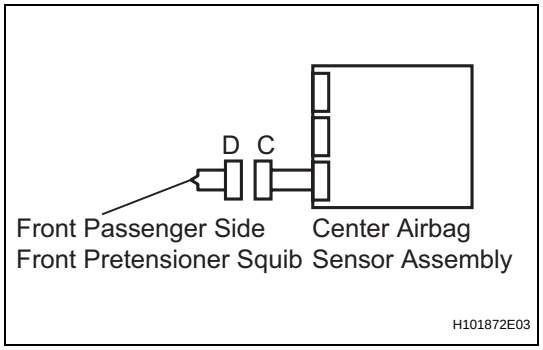
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

NG → REPAIR OR REPLACE 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 B1905 is not output.

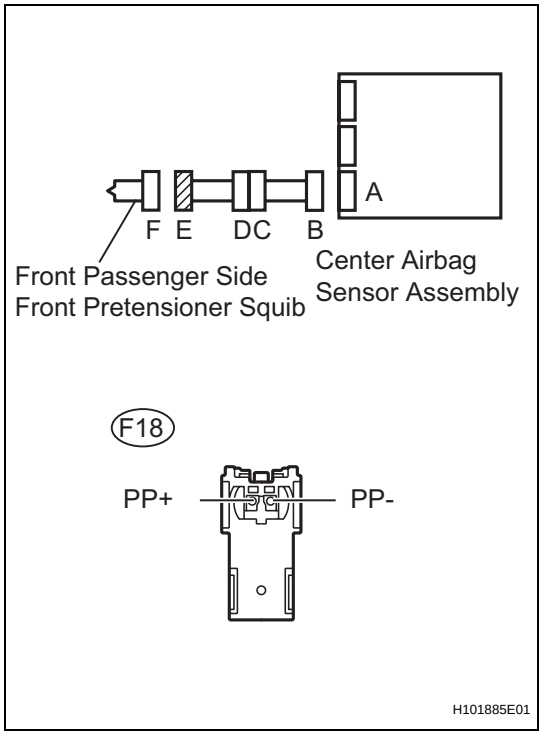
HINT:
DTCs other than B1905 may be output at this time, but they are not related to this check.

OK → **Go to step 25**

NG

REPLACE CENTER AIRBAG SENSOR ASSEMBLY

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



(a) Disconnect the floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 1 rear door wire connector from the front seat outer belt assembly RH.
(c) Release the activation prevention mechanism built into connector B (See page RS-28).
(d) Measure the resistance.

Standard resistance

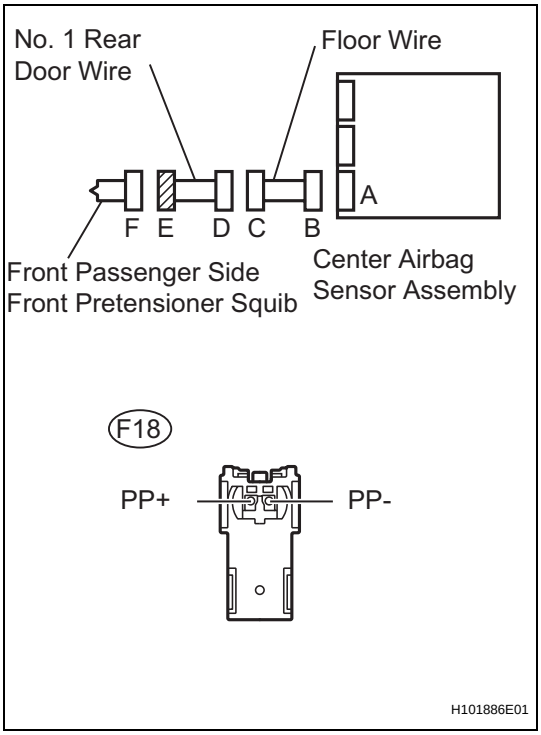
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

OK → **Go to step 8**

RS

NG

7 CHECK NO. 1 REAR DOOR WIRE (FOR SHORT)



(a) Disconnect the floor wire connector from the No. 1 rear door wire.
(b) Release the activation prevention mechanism built into connector D (See page RS-28).
(c) Measure the resistance.

Standard resistance

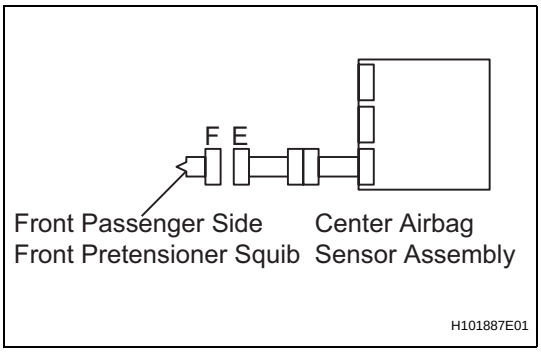
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE**

OK

REPAIR OR REPLACE FLOOR WIRE

8 CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Connect the floor wire connectors to the center airbag sensor assembly and No. 1 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 B1905 is not output.

HINT:
DTCs other than B1905 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 RH 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 FLOOR WIRE (EXCEPT ACCESS CAB)**
NG	**REPAIR OR REPLACE NO. 1 REAR DOOR WIRE (ACCESS CAB)**

OK

10	CHECK CONNECTION OF CONNECTORS

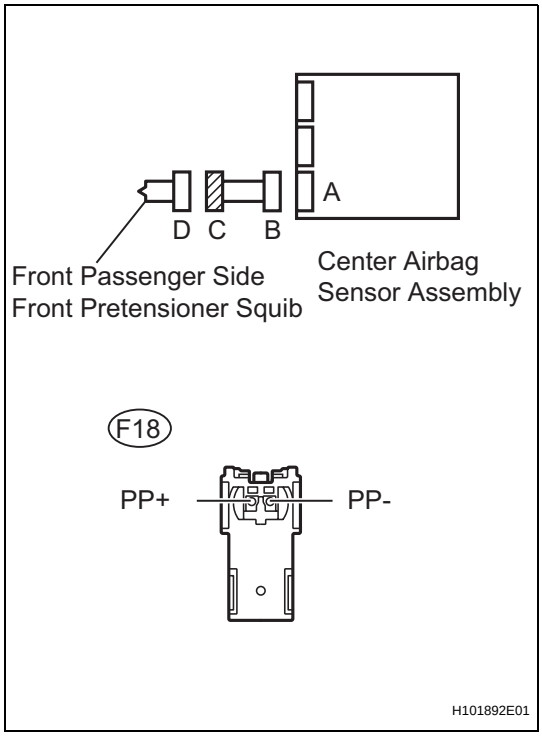
(a) Check that the connectors are properly connected to the center airbag sensor assembly and the front airbag sensor RH.

B	**Go to step 12**
C	**CONNECT CONNECTORS**

A

RS

11	CHECK FRONT PASSENGER 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 RH.

(b) Measure the resistance.

Standard resistance

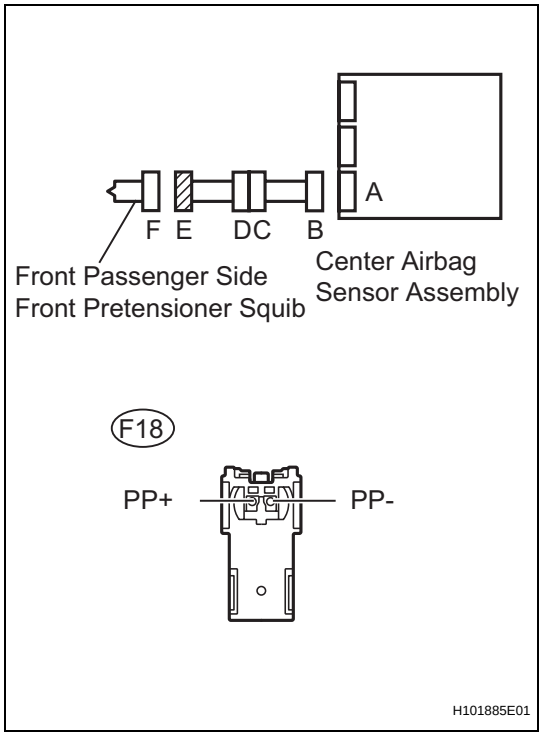
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	Below 1 Ω

OK → **Go to step 24**

NG

REPAIR OR REPLACE FLOOR WIRE

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



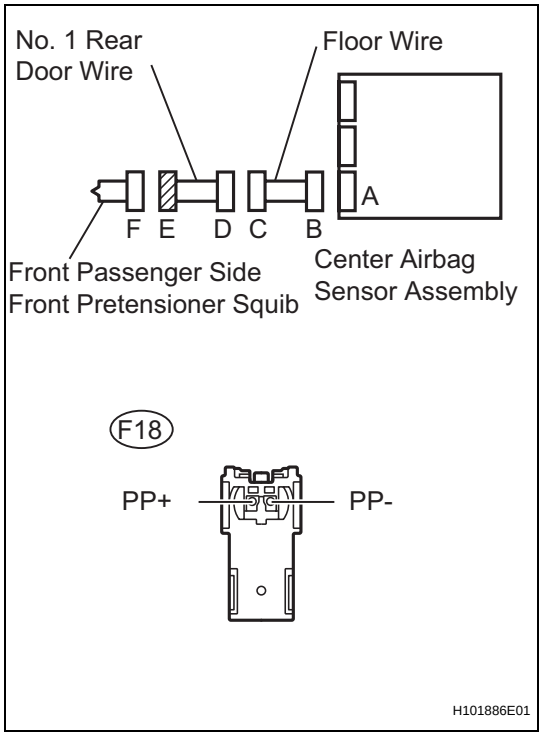
(a) Disconnect the floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 1 rear door wire connector from the front seat outer belt assembly RH.
(c) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	Below 1 Ω

OK → **Go to step 26**

NG

13 CHECK NO. 1 REAR DOOR WIRE (FOR OPEN)



(a) Disconnect the floor wire connector from the No. 1 rear door wire.
(b) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE 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 RH 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 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE (ACCESS CAB)**

OK

15 CHECK CONNECTION OF CONNECTORS

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

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

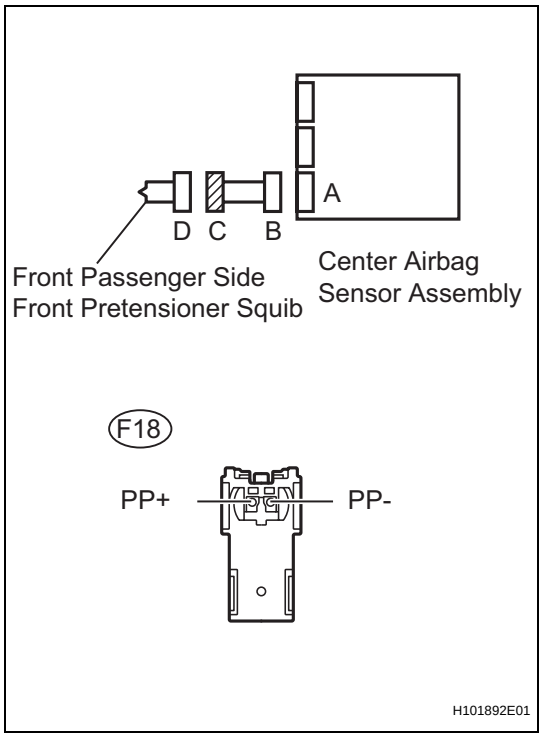
B → **Go to step 17**

C → **CONNECT CONNECTORS**

A

RS

16	CHECK FRONT PASSENGER 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 RH.

(b) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - Body ground	Always	1 MΩ or higher

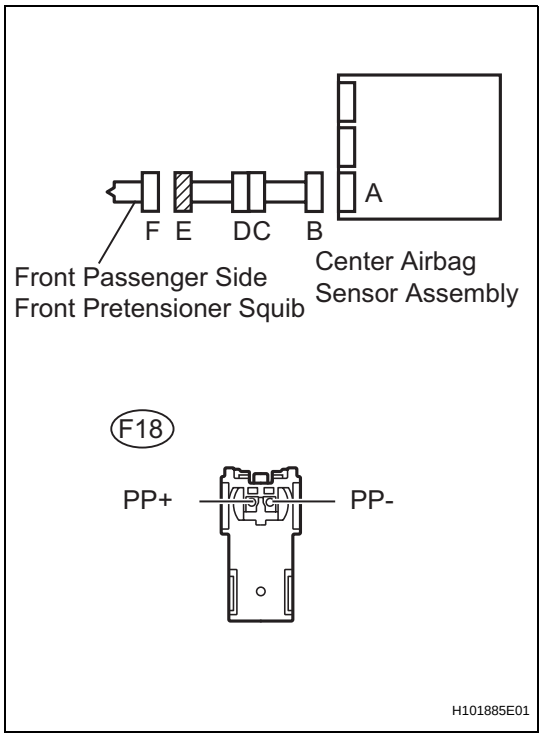
OK → **Go to step 24**

NG

REPAIR OR REPLACE FLOOR WIRE

RS

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



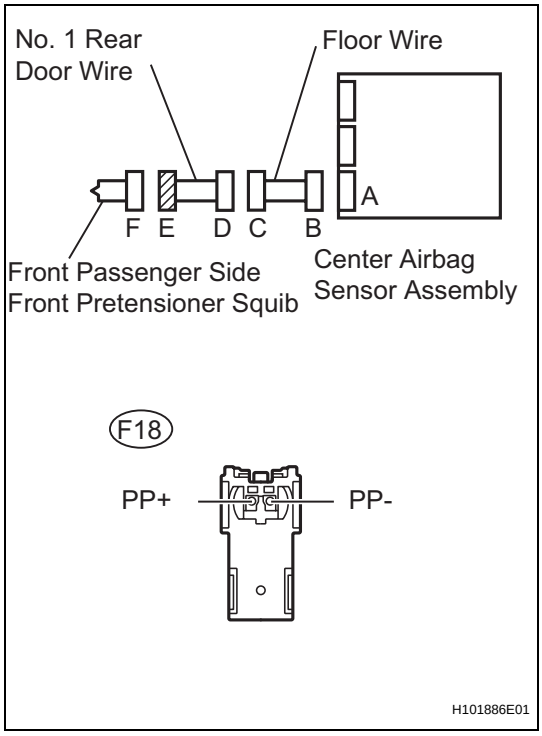
(a) Disconnect the floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 1 rear door wire connector from the front seat outer belt assembly RH.
(c) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - Body ground	Always	1 MΩ or higher

OK → **Go to step 26**

NG

18 CHECK NO. 1 REAR DOOR WIRE (TO GROUND)



(a) Disconnect the floor wire connector from the No. 1 rear door wire.
(b) Measure the resistance.
Standard resistance

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - Body ground	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE 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 RH 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 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 1 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 RH.
Result

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

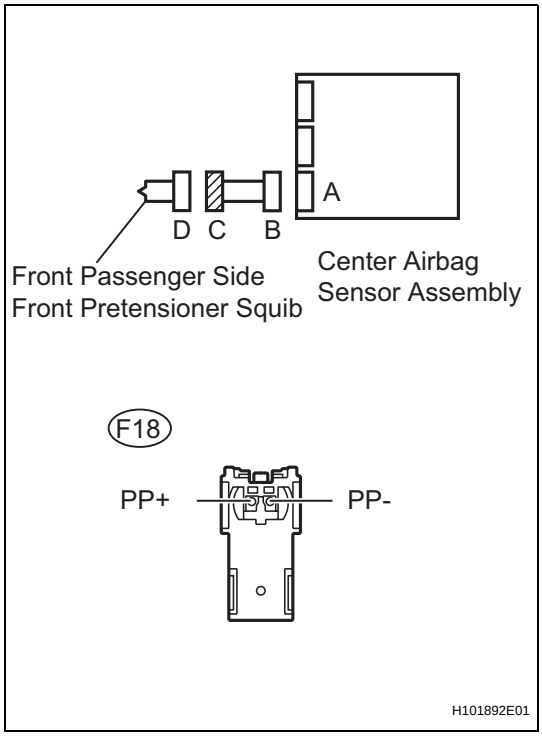
B → **Go to step 22**

C → **CONNECT CONNECTORS**

A

RS

21	CHECK FRONT PASSENGER 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 RH.
(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

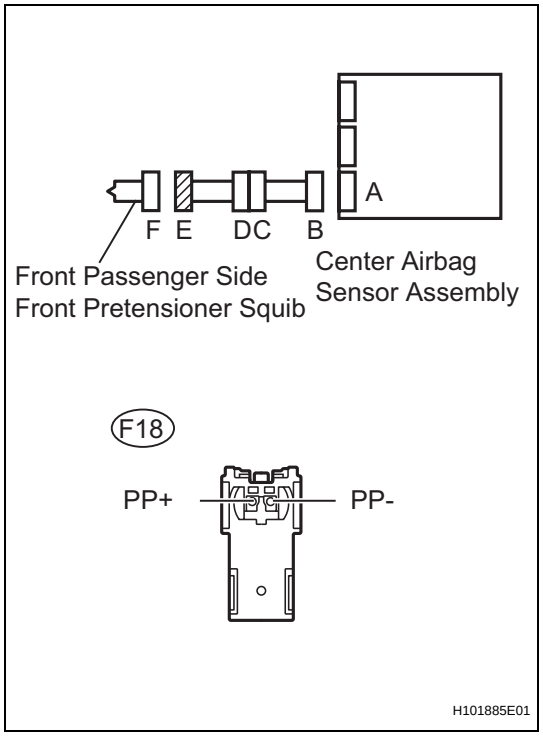
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - Body ground	Ignition switch ON	Below 1 V

OK → **Go to step 24**

NG

REPAIR OR REPLACE FLOOR WIRE

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



(a) Disconnect the floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 1 rear door wire connector from the front seat outer belt assembly RH.
(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 voltage.

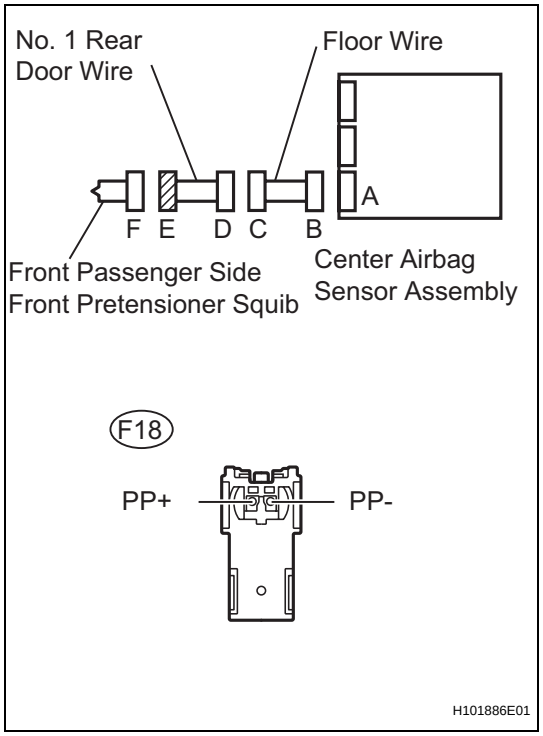
Standard voltage

Tester Connection	Condition	Specified Condition
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - Body ground	Ignition switch ON	Below 1 V

OK → **Go to step 26**

NG

23 CHECK NO. 1 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 floor wire connector from the No. 1 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
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - Body ground	Ignition switch ON	Below 1 V

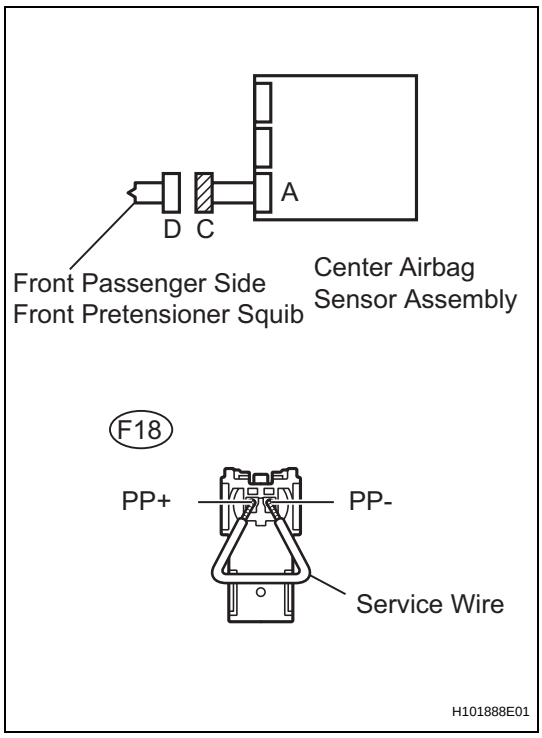
NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE**

RS

OK

REPAIR OR REPLACE 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 F18-1 (PP+) and F18-2 (PP-) 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 B1906, B1907 and B1908 are not output.

HINT:
DTCs other than B1906, B1907 or B1908 may be output at this time, but they are not related to this check.

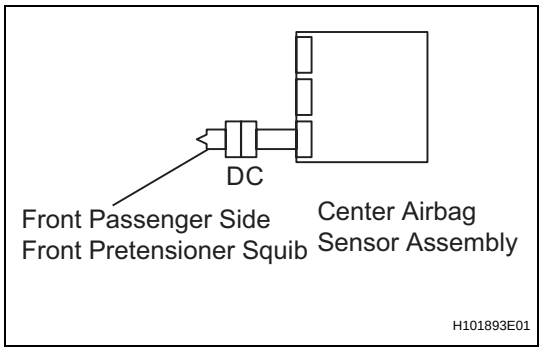
NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

RS

OK

25	CHECK FRONT SEAT OUTER BELT ASSEMBLY RH

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 RH.
(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 B1905, B1906, B1907 and B1908 are not output.

HINT:
DTCs other than B1905, B1906, B1907 or B1908 may be output at this time, but they are not related to this check.

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

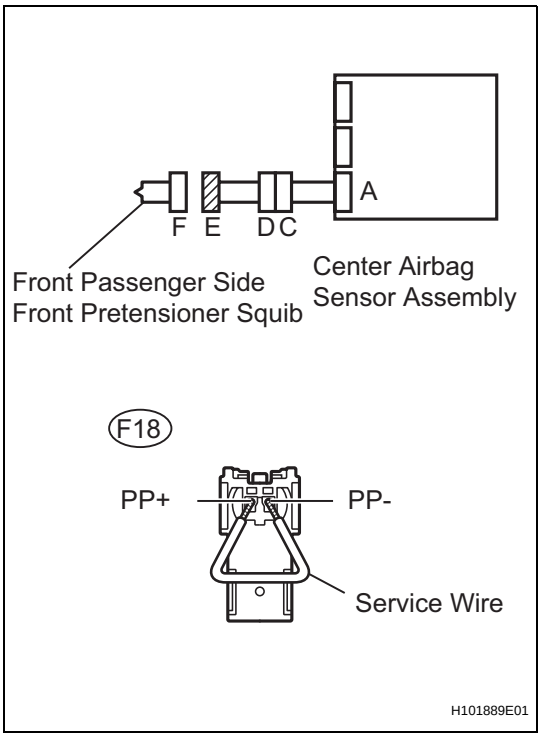
OK

OTHERS USE SIMULATION METHOD TO CHECK

26	CHECK 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 F18-1 (PP+) and F18-2 (PP-) of connector E.

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:

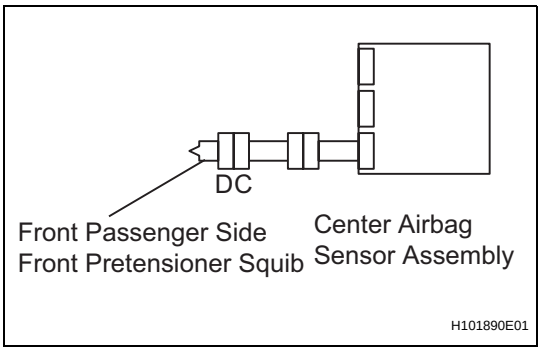
DTC B1906, B1907 and B1908 are not output.

HINT:
DTCs other than B1906, B1907 or B1908 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 RH



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 RH.
(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 RH**

OK

OTHERS 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 RH 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 FLOOR WIRE (EXCEPT ACCESS CAB)**

NG → **REPAIR OR REPLACE NO. 1 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 RH.

Result

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

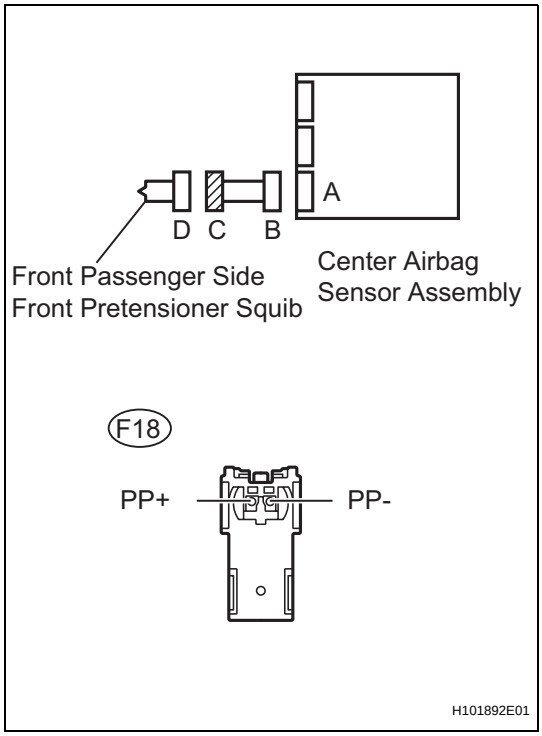
B → **Go to step 32**

C → **CONNECT CONNECTORS**

A

RS

30 CHECK FRONT PASSENGER SIDE FRONT PRETENSIONER SQUIB CIRCUIT



(a) Disconnect the floor wire connectors from the center airbag sensor assembly and front seat outer belt assembly RH.
(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
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - 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
F18-1 (PP+) - F18-2 (PP-)	Always	Below 1 Ω
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - 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

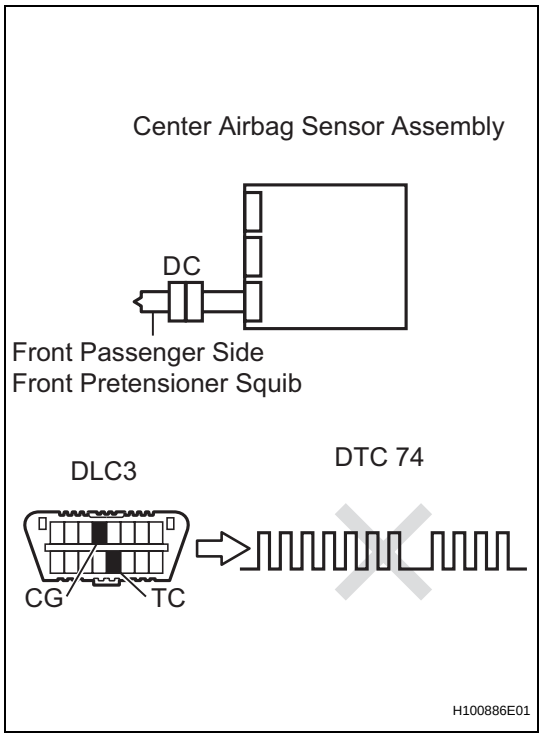
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

RS

31	REPLACE FRONT SEAT OUTER BELT ASSEMBLY RH (FRONT PASSENGER SEAT SIDE PRETENSIONER SQUIB)



(a) Replace the front seat outer belt assembly RH (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 74 is not output.

HINT:

DTCs other than 74 may be output at this time, but they are not related to this check.

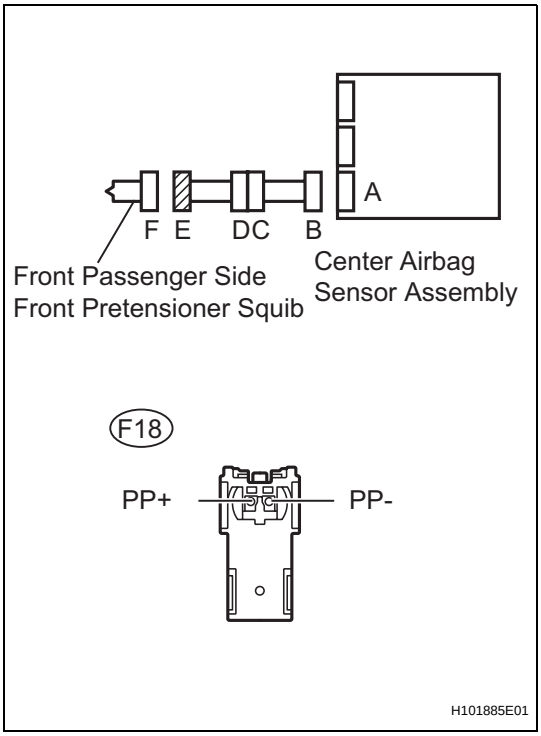
NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

OK

END

RS

32 CHECK FRONT PASSENGER SIDE FRONT PRETENSIONER SQUIB CIRCUIT



(a) Disconnect the floor wire connector from the center airbag sensor assembly.
(b) Disconnect the No. 1 rear door wire connector from the front seat outer belt assembly RH.
(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
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - 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
F18-1 (PP+) - F18-2 (PP-)	Always	Below 1 Ω
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - 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

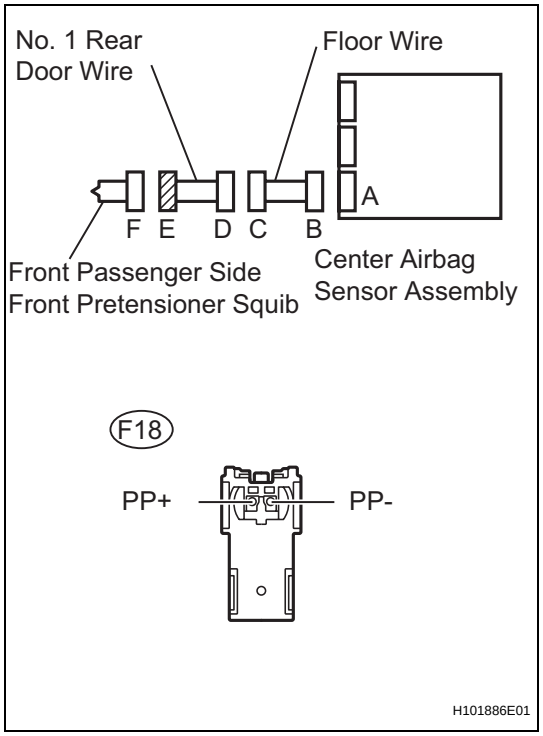
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

RS

OK → **Go to step 34**

NG

33 CHECK NO. 1 REAR DOOR WIRE



(a) Disconnect the floor wire connector from the No. 1 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
F18-1 (PP+) - Body ground	Ignition switch ON	Below 1 V
F18-2 (PP-) - 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
F18-1 (PP+) - F18-2 (PP-)	Always	Below 1 Ω
F18-1 (PP+) - Body ground	Always	1 MΩ or higher
F18-2 (PP-) - Body ground	Always	1 MΩ or higher

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

Standard resistance

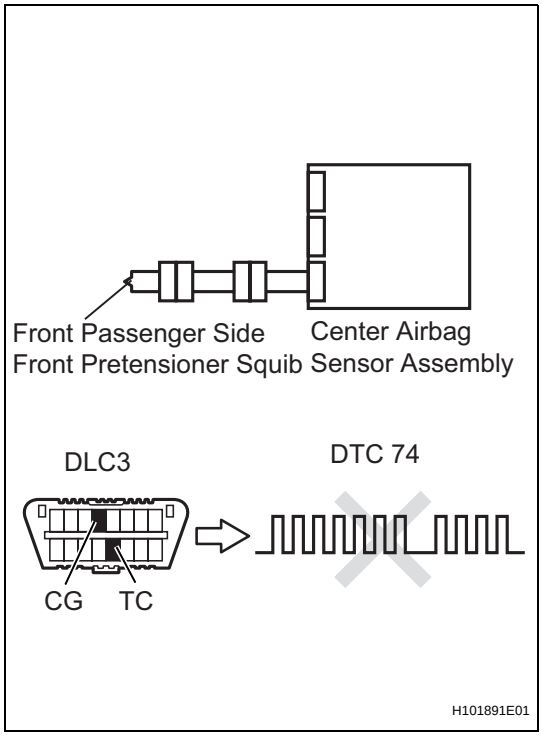
Tester Connection	Condition	Specified Condition
F18-1 (PP+) - F18-2 (PP-)	Always	1 MΩ or higher

NG → **REPAIR OR REPLACE NO. 1 REAR DOOR WIRE**

OK

RS

34	REPLACE FRONT SEAT OUTER BELT ASSEMBLY RH



(a) Replace the front seat outer belt assembly RH (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 74 is not output.

HINT:
DTCs other than 74 may be output at this time, but they are not related to this check.

NG → **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

OK

END