

DTC TROUBLESHOOTING > DTC B1352: POWER TAILGATE CONTROL UNIT INTERNAL ERROR (EEPROM ERROR) (2013-18)

DTC Description	DTC
B1352 Power Tailgate Control Unit Internal Error (EEPROM Error)	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), or Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), or

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1352 Power Tailgate Control Unit Internal Error (EEPROM Error)	

Is DTC B1352 indicated?

YES

Replace the power tailgate control unit .

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections at the power tailgate control unit.

DTC TROUBLESHOOTING > DTC B1375: DRIVER'S SIDE PTG SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1375 Driver's Side PTG Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE:

- If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - BCAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .
- If the motor does not operate, do the motor test first .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Operate the driver's power tailgate switch for more than 1 second.- 3. Check for DTCs with the HDS.

DTC Description	DTC
B1375 Driver's Side PTG Switch Circuit Malfunction	

Is DTC B1375 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the driver's power tailgate switch.

2. Shorted wire check (TAILGATE OPEN SW (INTR) SW line):

Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

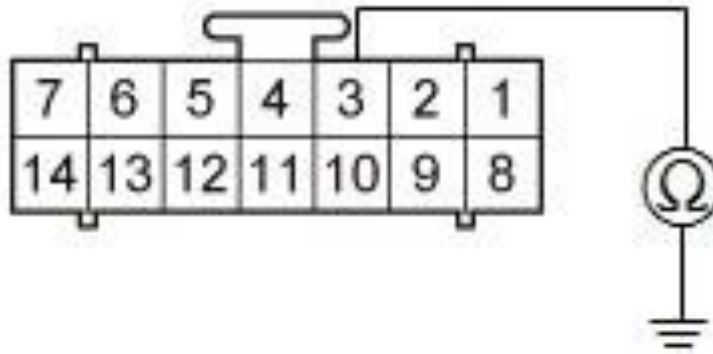
- 3. Check for continuity between test points 1 and 2.

Test condition	OFF modePower tailgate control unit connector A (14P): disconnected
Test circuit	TAILGATE OPEN SW (INTR)

Test point 1	Power tailgate control unit connector A (14P) No. 3 (BRN)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)

TAILGATE OPEN SW (INTR)
(BRN)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Repair a short to ground in the wire.

DTC TROUBLESHOOTING > DTC B1376: TAILGATE OUTER HANDLE SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1376 Tailgate Outer Handle Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE:

- If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - BCAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .
- If the motor does not operate, do the motor test first .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Push the tailgate outer handle switch for more than 1 second.- 3. Check for DTCs with the HDS.

DTC Description	DTC
B1376 Tailgate Outer Handle Switch Circuit Malfunction	

Is DTC B1376 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the tailgate outer handle switch.

2. Shorted wire check (TAILGATE OPEN SW line):

Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

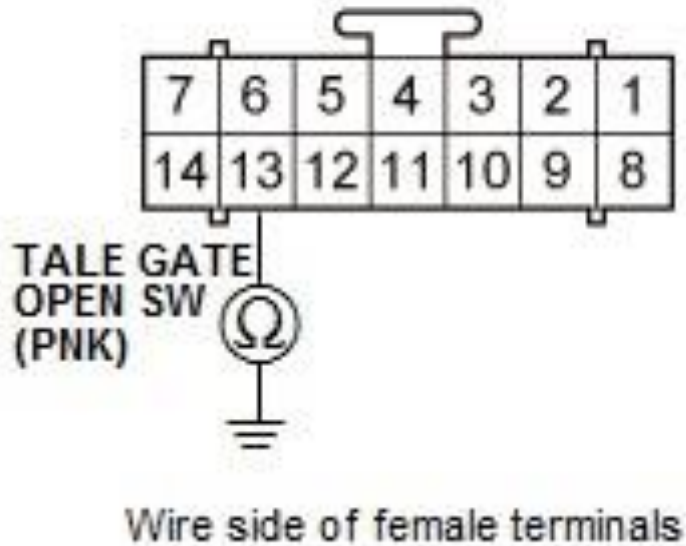
Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF modePower tailgate control unit connector A (14P): disconnected
Test circuit	TAILGATE OPEN SW

Test point 1	Power tailgate control unit connector A (14P) No. 13 (PNK)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Repair a short to ground in the wire.

DTC TROUBLESHOOTING > DTC B1377: POWER TAILGATE INNER SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1377 Power Tailgate Inner Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18) .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the keyless transmitter.

- 3. Push the power tailgate inside switch for more than 1 second.- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1377 Power Tailgate Inner Switch Circuit Malfunction	

Is DTC B1377 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate inside switch.

2. Shorted wire check (PTG/PTL CLOSE SW line):

Press the engine start/stop button to select the OFF mode. -

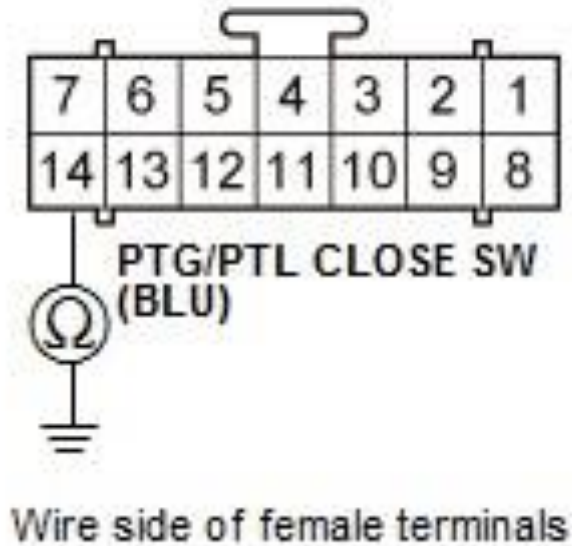
2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF modePower tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL CLOSE SW
Test point 1	Power tailgate control unit connector A (14P) No. 14 (BLU)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Repair a short to ground in the wire.

DTC TROUBLESHOOTING > DTC B1378: POWER TAILGATE RIGHT TOUCH/PINCH SENSOR CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1378 Power Tailgate Right Touch/Pinch Sensor Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification :

- 1. Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate manually or with the keyless transmitter.

- 3. Close the tailgate with the keyless transmitter or driver's power tailgate switch. - 4. Check for DTCs with the HDS.

DTC Description	DTC
B1378 Power Tailgate Right Touch/Pinch Sensor Circuit Malfunction	

Is DTC B1378 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate right pinch sensor.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1379 Power Tailgate Left Touch/Pinch Sensor Circuit Malfunction	

Is DTC B1379 indicated?

YES

Go to step 3.

NO

Go to step 4.

Open wire check (PTG/PTL SEG2 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the following connectors.

Power tailgate control unit connector B (20P)
Power tailgate right pinch sensor 2P connector

- 3. Check for continuity between test points 1 and 2.

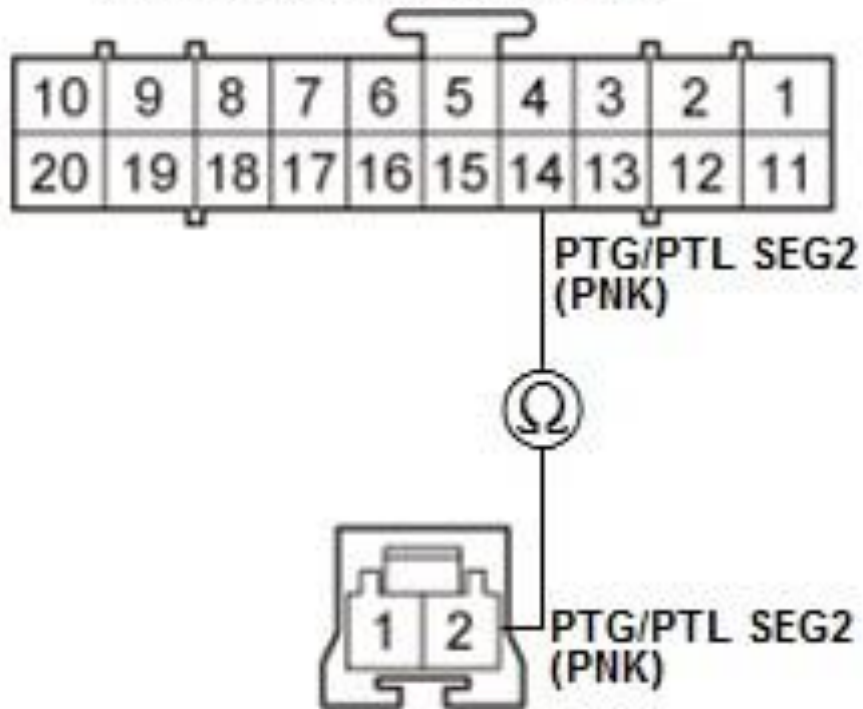
Test condition	OFF mode Power tailgate control unit connector B (20P): disconnected Power tailgate right pinch sensor 2P connector: disconnected
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3.

Test circuit	PTG/PTL SEG2
Test point 1	Power tailgate control unit connector B (20P) No. 14 (PNK)
Test point 2	Power tailgate right pinch sensor 2P connector No. 2 (PNK)

POWER TAILGATE CONTROL UNIT CONNECTOR B (20P)

Wire side of female terminals



POWER TAILGATE RIGHT PINCH SENSOR 2P CONNECTOR

Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

- Determine possible failure area (power tailgate right pinch sensor, others): Disconnect the following connector.

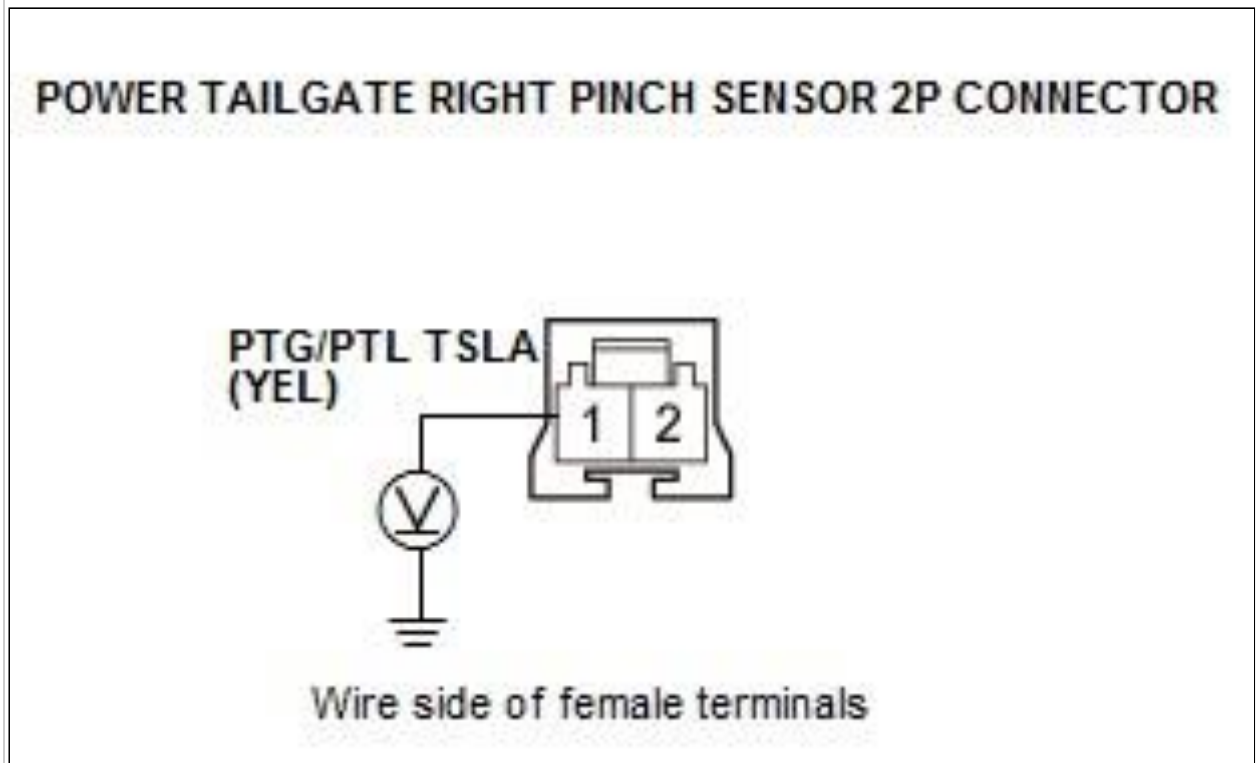
Power tailgate right pinch sensor 2P connector

- 2. Press the engine start/stop button to select the ON mode. -

3. Measure the voltage between test points 1 and 2.

Test condition	ON mode Power tailgate right pinch sensor 2P connector: disconnected
Test circuit	PTG/PTL TSLA

Test point 1	Power tailgate right pinch sensor 2P connector No. 1 (YEL)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

Replace the power tailgate right pinch sensor .

NO

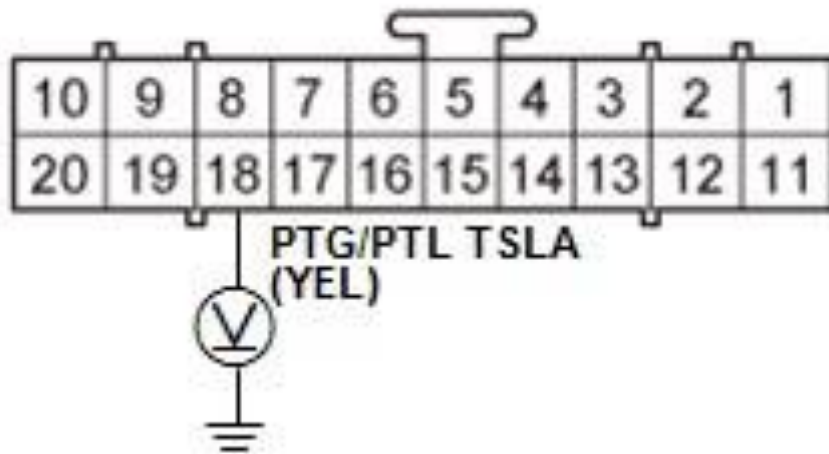
Go to step 5.

5. Open wire check (PTG/PTL TSLA line):

Measure the voltage between test points 1 and 2.

Test condition	ON mode Power tailgate right pinch sensor 2P connector: disconnected
Test circuit	PTG/PTL TSLA
Test point 1	Power tailgate control unit connector B (20P) No. 18 (YEL)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR B (20P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

Repair an open or high resistance in the wire.

NO

Replace the power tailgate control unit .

DTC TROUBLESHOOTING > DTC B1379: POWER TAILGATE LEFT TOUCH/PINCH SENSOR CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1379 Power Tailgate Left Touch/Pinch Sensor Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), &Body Electrical Troubleshooting - B-CAN System

Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

- 1. Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate manually or with the keyless transmitter.
- 3. Close the tailgate with the keyless transmitter or driver's power tailgate switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1379 Power Tailgate Left Touch/Pinch Sensor Circuit Malfunction	

Is DTC B1379 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate left pinch sensor.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1378 Power Tailgate Right Touch/Pinch Sensor Circuit Malfunction	

Is DTC B1378 indicated?

YES

Go to step 3.

NO

Go to step 4.

Open wire check (PTG/PTL SEG2 line):

Press the engine start/stop button to select the OFF mode.

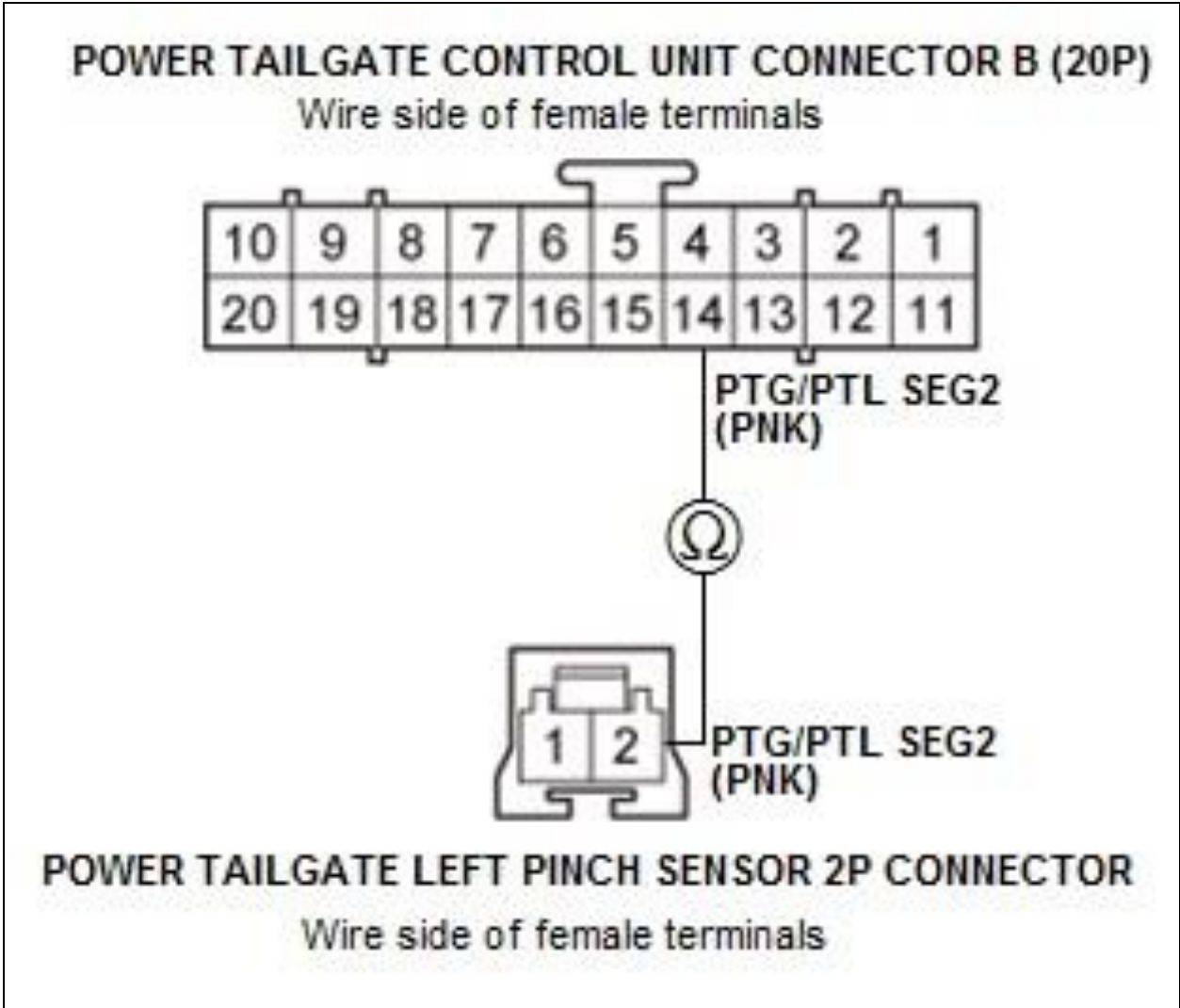
- 2. Disconnect the following connectors.

Power tailgate control unit connector B (20P)
Power tailgate left pinch sensor 2P connector

3.

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate control unit connector B (20P): disconnected Power tailgate left pinch sensor 2P connector: disconnected
Test circuit	PTG/PTL SEG2
Test point 1	Power tailgate control unit connector B (20P) No. 14 (PNK)
Test point 2	Power tailgate left pinch sensor 2P connector No. 2 (PNK)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

4. Determine possible failure area (power tailgate left pinch sensor, others): Disconnect the following connector.

Power tailgate left pinch sensor 2P connector

- 2. Press the engine start/stop button to select the ON mode. -

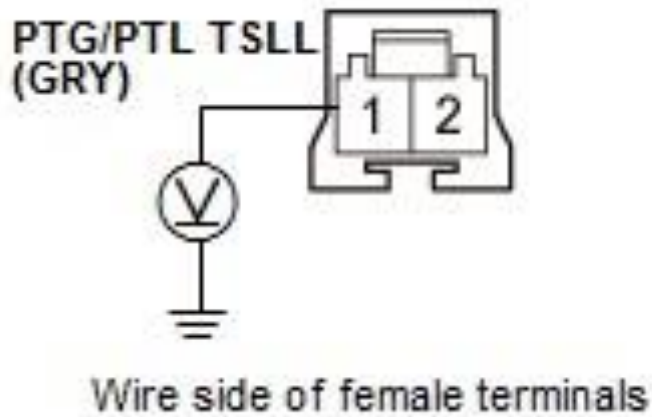
3. Measure the voltage between test points 1 and 2.

Test condition	ON mode Power tailgate left pinch sensor 2P connector: disconnected
Test circuit	PTG/PTL TSLL
Test point 1	Power tailgate left pinch sensor 2P connector No. 1 (GRY)

Test point 2

Body ground

POWER TAILGATE LEFT PINCH SENSOR 2P CONNECTOR



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

Replace the power tailgate left pinch sensor .

NO

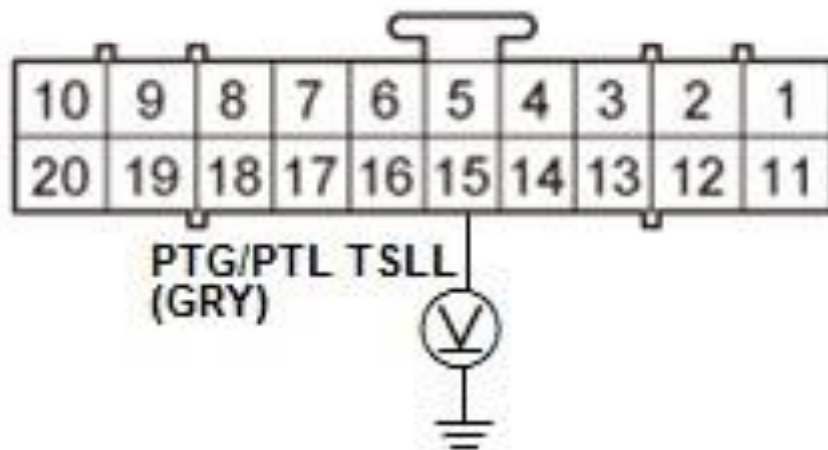
Go to step 5.

5. Open wire check (PTG/PTL TSLL line):

Measure the voltage between test points 1 and 2.

Test condition	ON modePower tailgate left pinch sensor 2P connector: disconnected
Test circuit	PTG/PTL TSLL
Test point 1	Power tailgate control unit connector B (20P) No. 15 (GRY)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR B (20P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

Repair an open or high resistance in the wire.

NO

Replace the power tailgate control unit .

DTC TROUBLESHOOTING > DTC B1380: TAILGATE CLOSER UNIT NEUTRAL SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1380 Tailgate Closer Unit Neutral Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1380 Tailgate Closer Unit Neutral Switch Circuit Malfunction	

Is DTC B1380 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Determine possible failure area (PTG/PTL CLCL line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. Neutral		

Is data list value ON?

YES

Go to step 3.

NO

Go to step 5.

3. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

- 2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. Neutral		

Is data list value ON?

YES

Go to step 4.

NO

Faulty neutral switch; replace the tailgate latch .

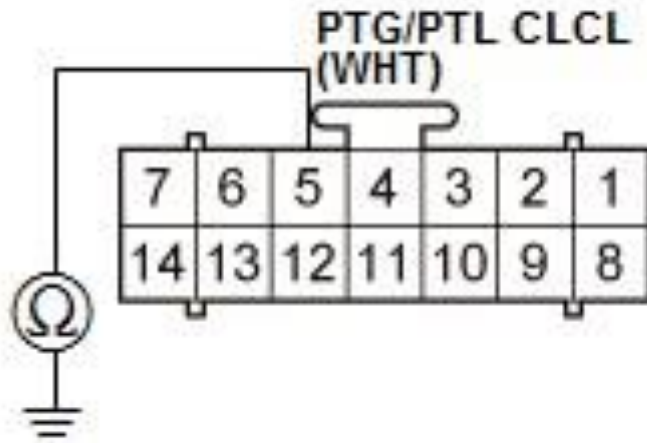
4. Shorted wire check (PTG/PTL CLCL line):
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL CLCL
Test point 1	Power tailgate control unit connector A (14P) No. 5 (WHT)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

5. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

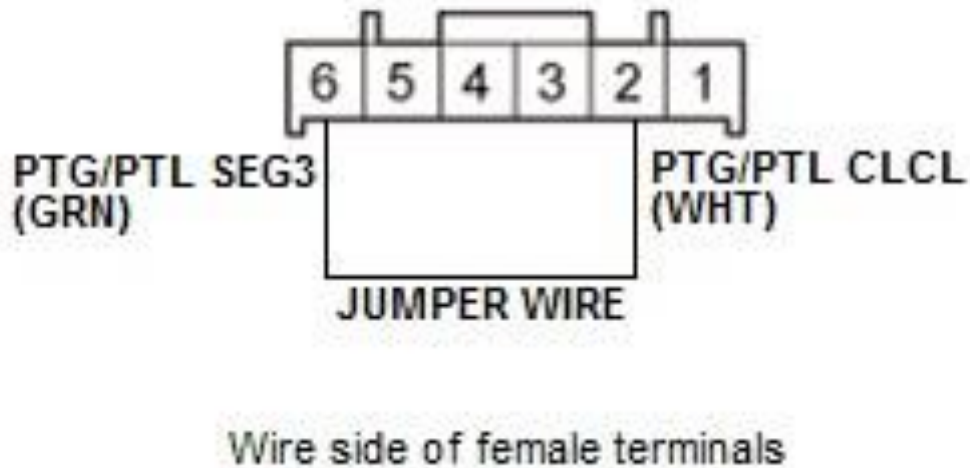
2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 2 (WHT)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. Neutral		

Is data list value ON?

YES

Faulty neutral switch; replace the tailgate latch .

NO

Go to step 6.

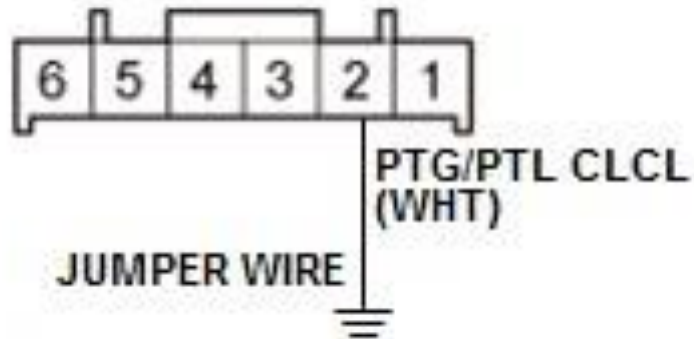
6. Determine possible failure area (PTG/PTL CLCL line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 2 (WHT)
Terminal B	Body ground

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.
- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. Neutral		

Is data list value ON?

YES

Go to step 7.

NO

Go to step 8.

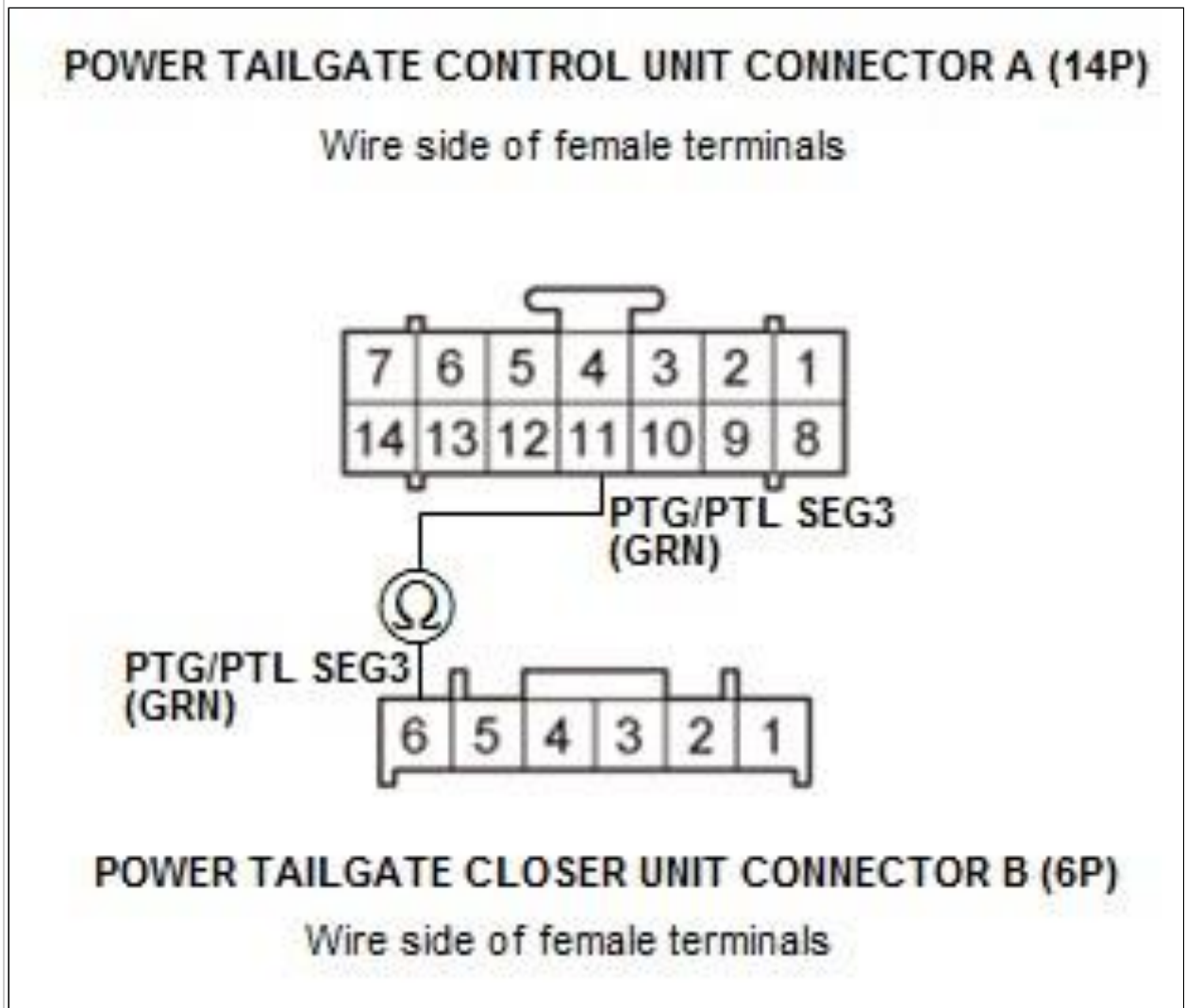
- 7. Open wire check (PTG/PTL SEG3 line):
Press the engine start/stop button to select the OFF mode.
 - 2. Disconnect the jumper wire.
 - 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected

Test circuit	PTG/PTL SEG3
Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

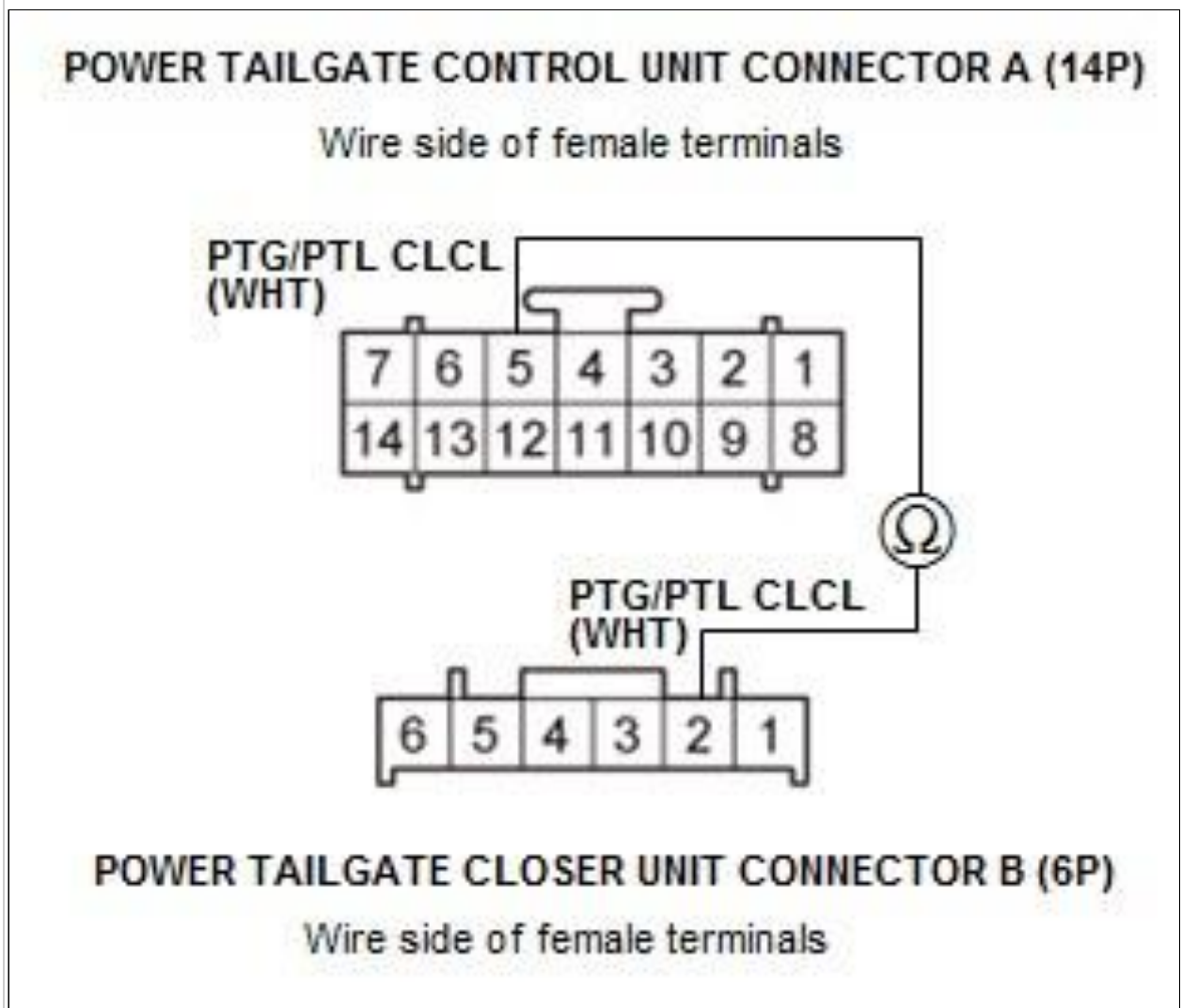
Repair an open or high resistance in the wire.

8. Open wire check (PTG/PTL CLCL line):
 - Press the engine start/stop button to select the OFF mode.
 - 2. Disconnect the jumper wire.
 - 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL CLCL
Test point 1	Power tailgate closer unit connector B (6P) No. 2 (WHT)
Test point 2	Power tailgate control unit connector A (14P) No. 5 (WHT)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1381: TAILGATE CLOSER UNIT RELEASE SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1381 Tailgate Closer Unit Release Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1381 Tailgate Closer Unit Release Switch Circuit Malfunction	

Is DTC B1381 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Determine possible failure area (PTG/PTL CLOP line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. release		

Is data list value ON?

YES

Go to step 3.

NO

Go to step 5.

3. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

- 2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode. -

4. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. release		

Is data list value ON?

YES

Go to step 4.

NO

Faulty release switch; replace the tailgate latch .

4. Shorted wire check (PTG/PTL CLOP line):

Press the engine start/stop button to select the OFF mode. -

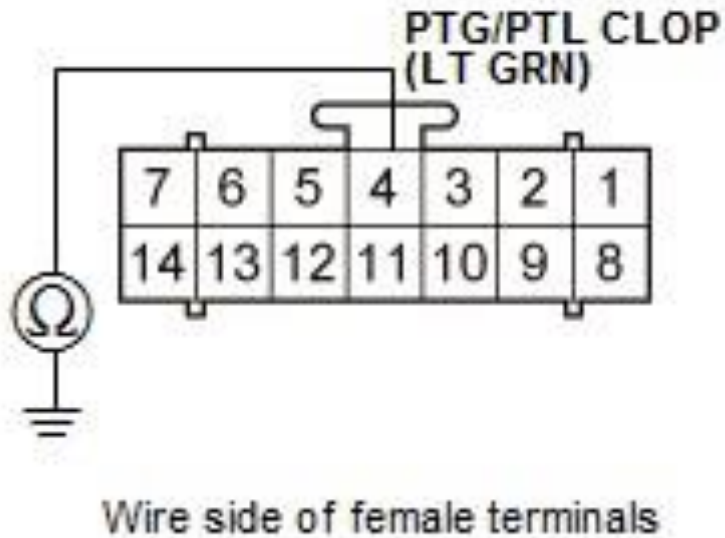
2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL CLOP
Test point 1	Power tailgate control unit connector A (14P) No. 4 (LT GRN)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

5. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

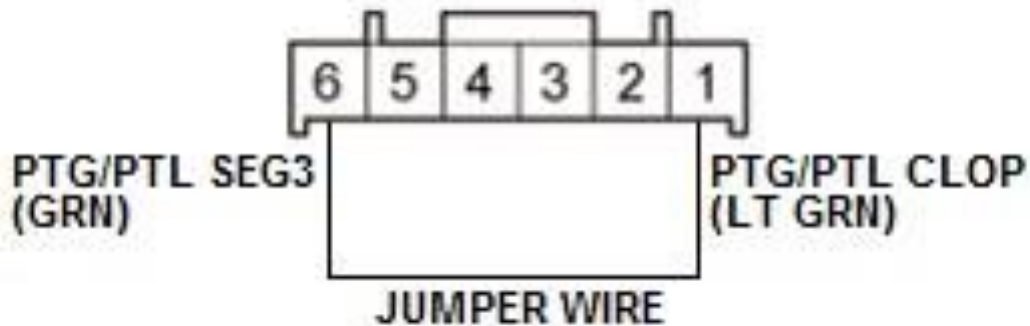
2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 1 (LT GRN)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. release		

Is data list value ON?

YES

Faulty release switch; replace the tailgate latch .

NO

Go to step 6.

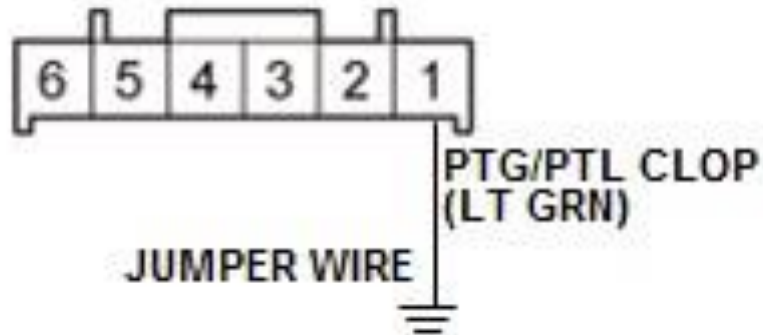
6. Determine possible failure area (PTG/PTL CLOP line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 1 (LT GRN)
Terminal B	Body ground

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Latch Gear Position Sw. release		

Is data list value ON?

YES

Go to step 7.

NO

Go to step 8.

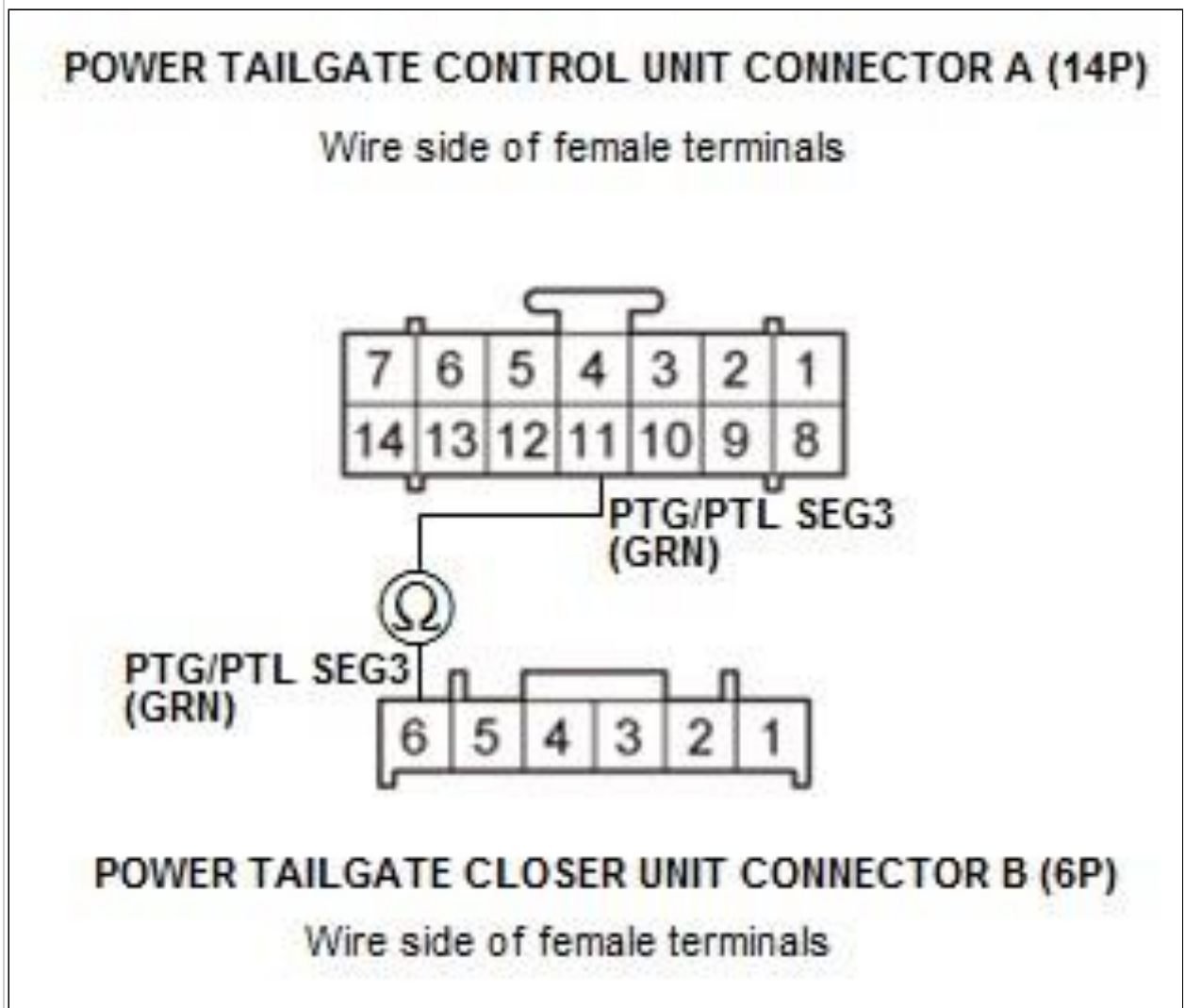
- 7. Open wire check (PTG/PTL SEG3 line):
Press the engine start/stop button to select the OFF mode.
 - 2. Disconnect the jumper wire.
 - 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL SEG3

Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

8. Open wire check (PTG/PTL CLOP line):

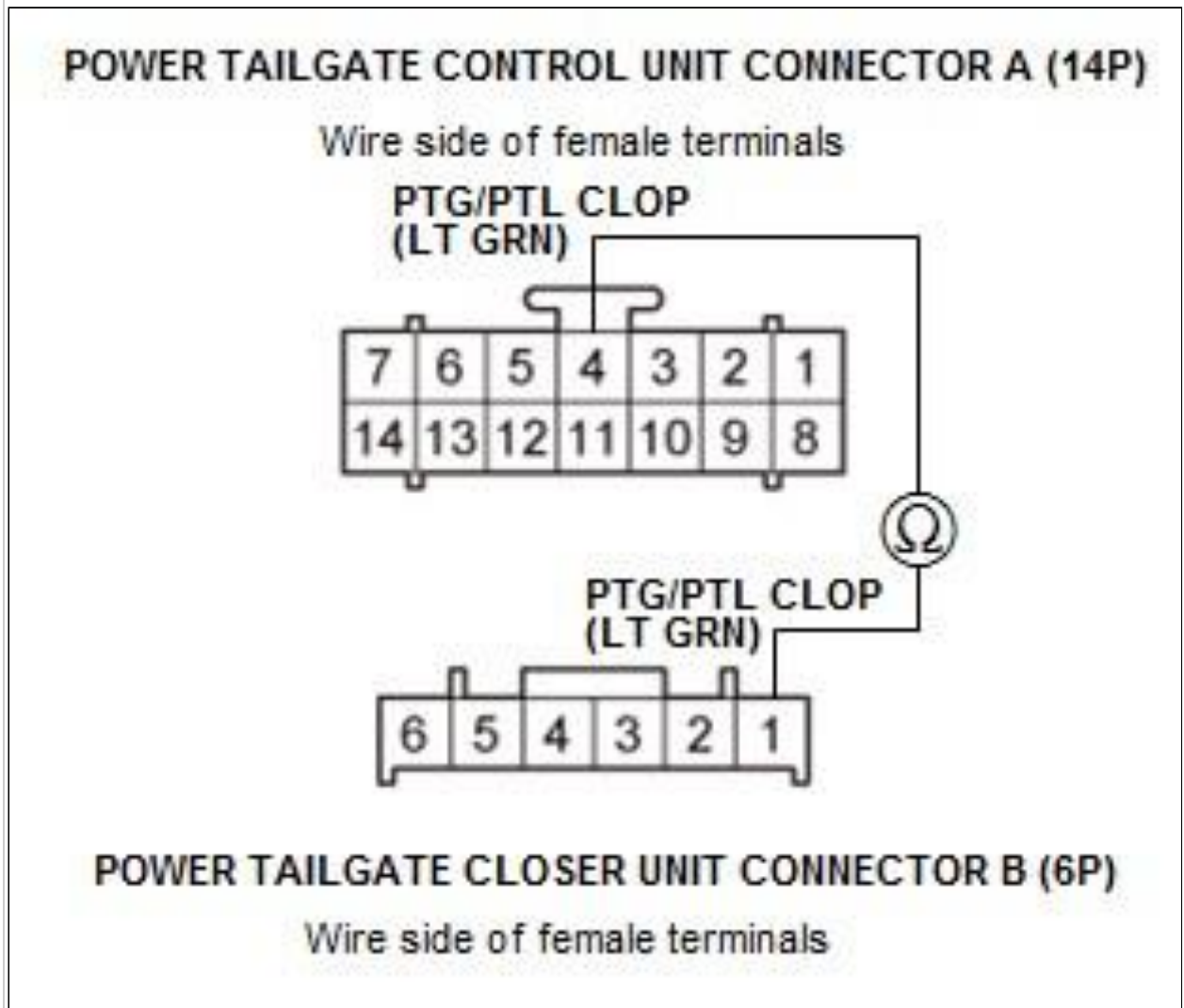
Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL CLOP
Test point 1	Power tailgate closer unit connector B (6P) No. 1 (LT GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 4 (LT GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1382: TAILGATE CLOSER UNIT FULL LATCH SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1382 Tailgate Closer Unit Full Latch Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification 1:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1382 Tailgate Closer Unit Full Latch Switch Circuit Malfunction	

Is DTC B1382 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1384 Tailgate Closer Unit Half Latch Switch Circuit Malfunction	
B1390 Power Tailgate Closer Motor Function Error	

Is DTC B1384 and/or B1390 indicated?

YES

Go to the indicated DTCs troubleshooting, then recheck.

NO

Go to step 3.

3. Determine possible failure area (TAILGATE SW line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions

	Values	Unit
Tailgate Lock Sw. Full Latch		

Is data list value ON?

YES

Go to step 4.

NO

Go to step 6.

4. Determine possible failure area (power tailgate closer unit, others):
 Press the engine start/stop button to select the OFF mode. -
 2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode. -
 4. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Full Latch		

Is data list value ON?

YES

Go to step 5.

NO

Faulty full latch switch; replace the tailgate latch .

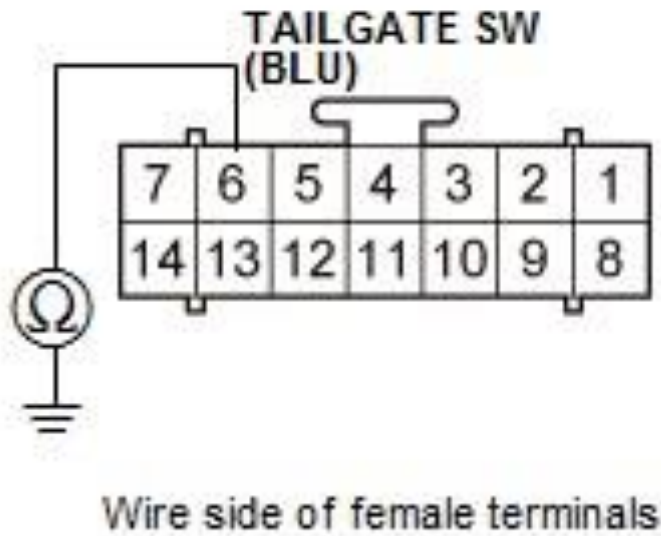
5. Shorted wire check (TAILGATE SW line):
 Press the engine start/stop button to select the OFF mode. -
 2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	TAILGATE SW
Test point 1	Power tailgate control unit connector A (14P) No. 6 (BLU)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

6. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

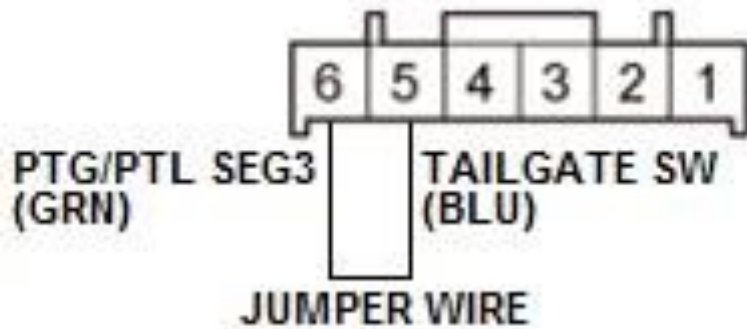
2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 5 (BLU)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Full Latch		

Is data list value ON?

YES

Faulty full latch switch; replace the tailgate latch .

NO

Go to step 7.

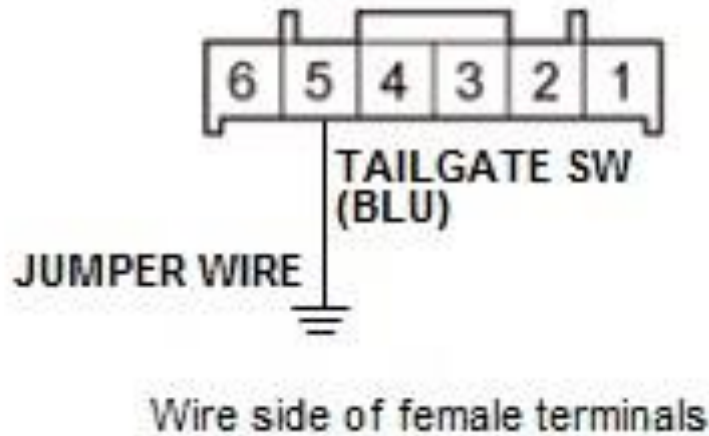
7. Determine possible failure area (TAILGATE SW line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 5 (BLU)
Terminal B	Body ground

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Full Latch		

Is data list value ON?

YES

Go to step 8.

NO

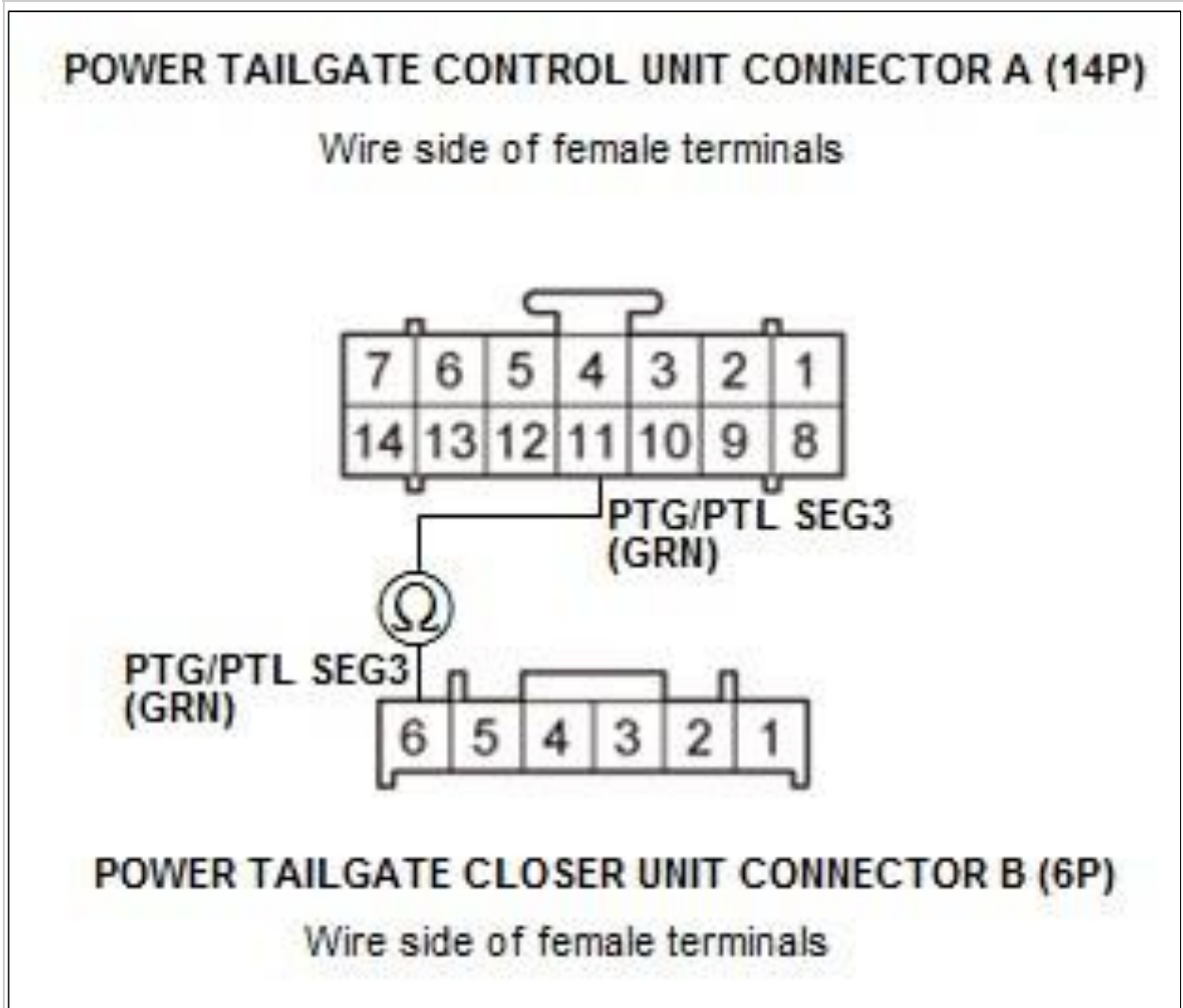
Go to step 9.

- 8. Open wire check (PTG/PTL SEG3 line):
Press the engine start/stop button to select the OFF mode.
 - 2. Disconnect the jumper wire.
 - 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL SEG3
Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

9. Open wire check (TAILGATE SW line):

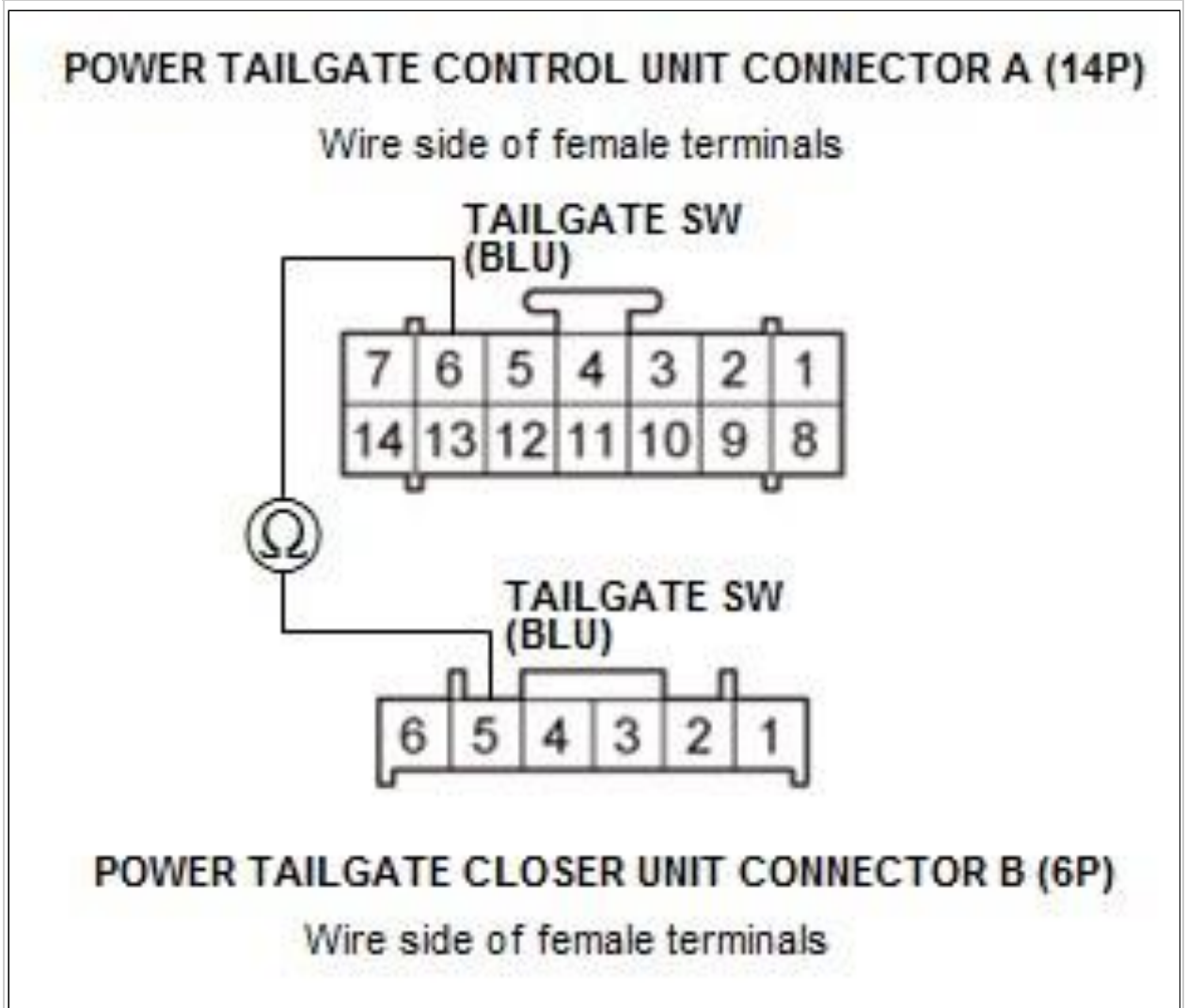
Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	TAILGATE SW
Test point 1	Power tailgate closer unit connector B (6P) No. 5 (BLU)
Test point 2	Power tailgate control unit connector A (14P) No. 6 (BLU)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1383: TAILGATE CLOSER UNIT RATCHET SWITCH CIRCUIT MALFUNCTION (2013-15)

DTC Description	DTC
B1383 Tailgate Closer Unit Ratchet Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15) .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1383 Tailgate Closer Unit Ratchet Switch Circuit Malfunction	

Is DTC B1383 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Determine possible failure area (PTG/PTL RACT line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 3.

NO

Go to step 5.

3. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 4.

NO

Faulty ratchet switch; replace the tailgate latch .

Shorted wire check (PTG/PTL RACT line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the following connector.

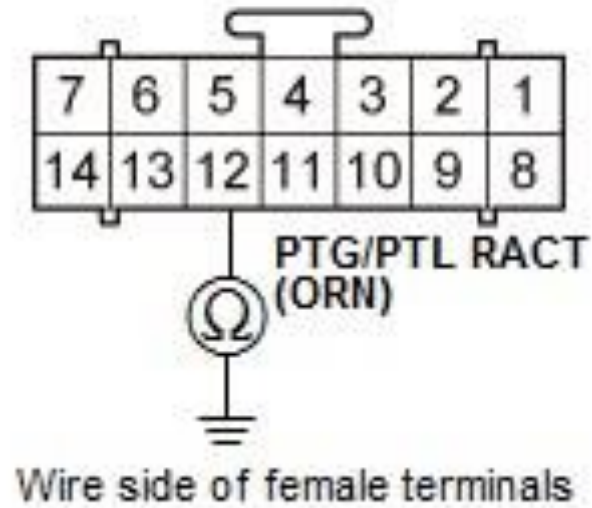
Power tailgate control unit connector A (14P)

4.

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL RACT
Test point 1	Power tailgate control unit connector A (14P) No. 12 (ORN)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

5. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

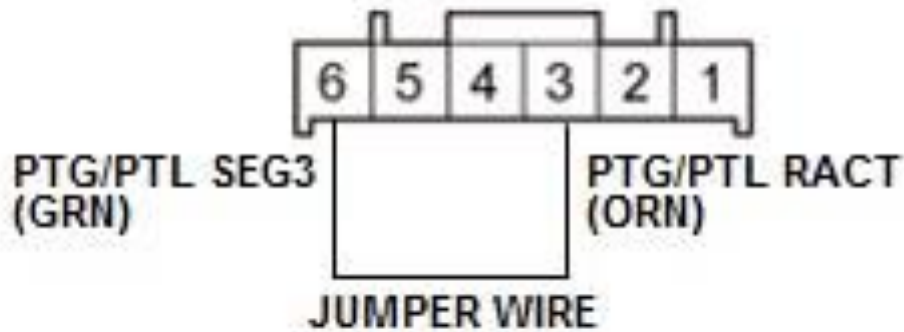
2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 3 (ORN)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Faulty ratchet switch; replace the tailgate latch .

NO

Go to step 6.

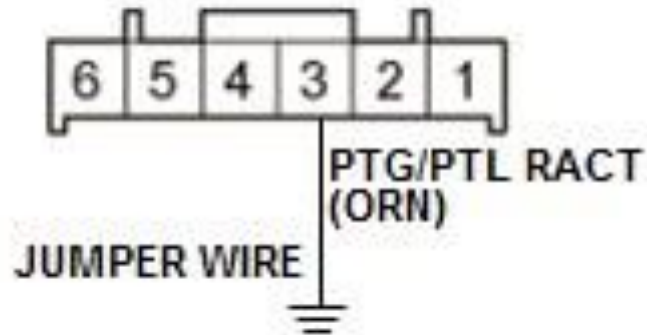
6. Determine possible failure area (PTG/PTL RACT line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 3 (ORN)
Terminal B	Body ground

POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 7.

NO

Go to step 8.

7. Open wire check (PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

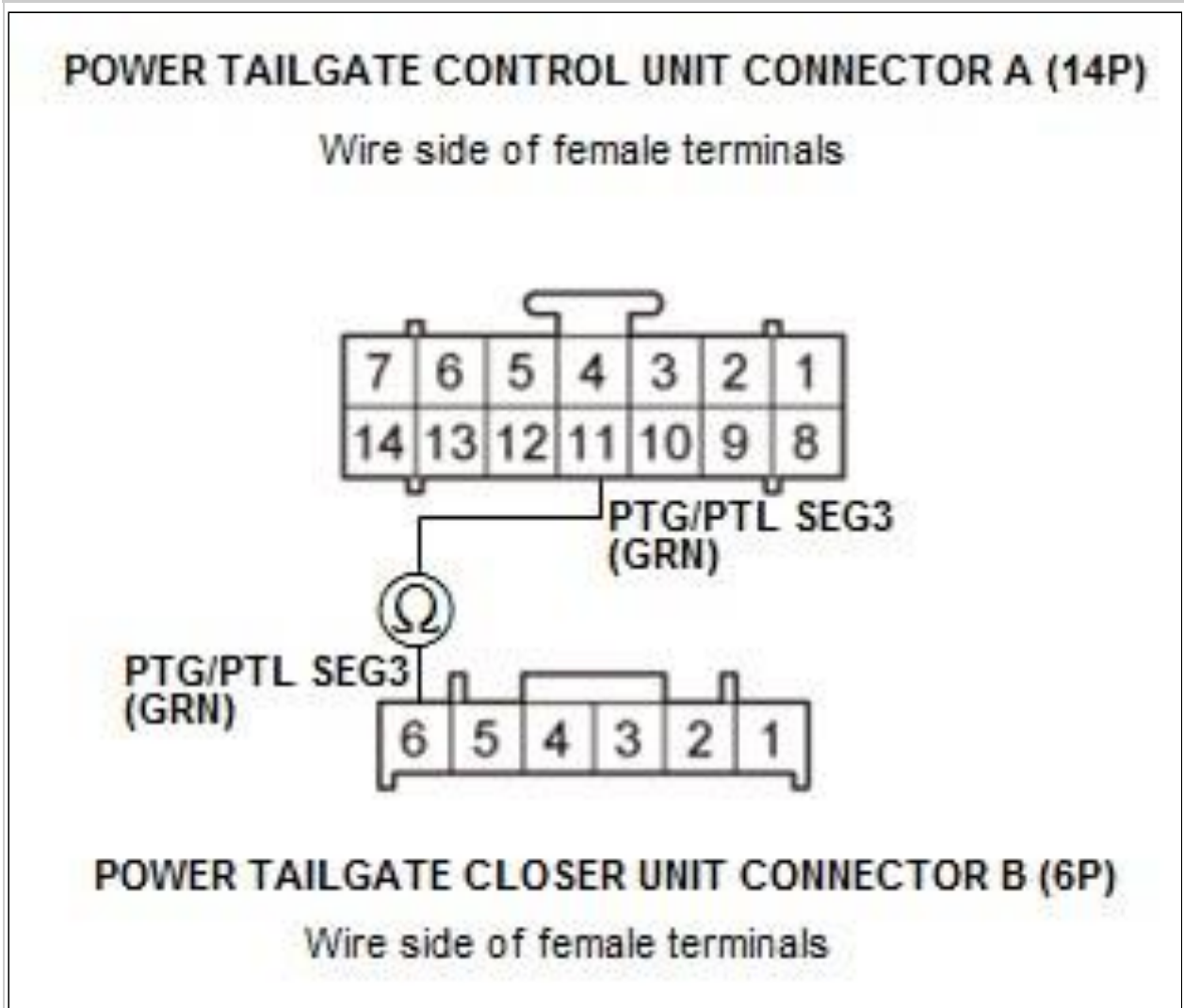
- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
----------------	--

Test circuit	PTG/PTL SEG3
Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

8. Open wire check (PTG/PTL RACT line):

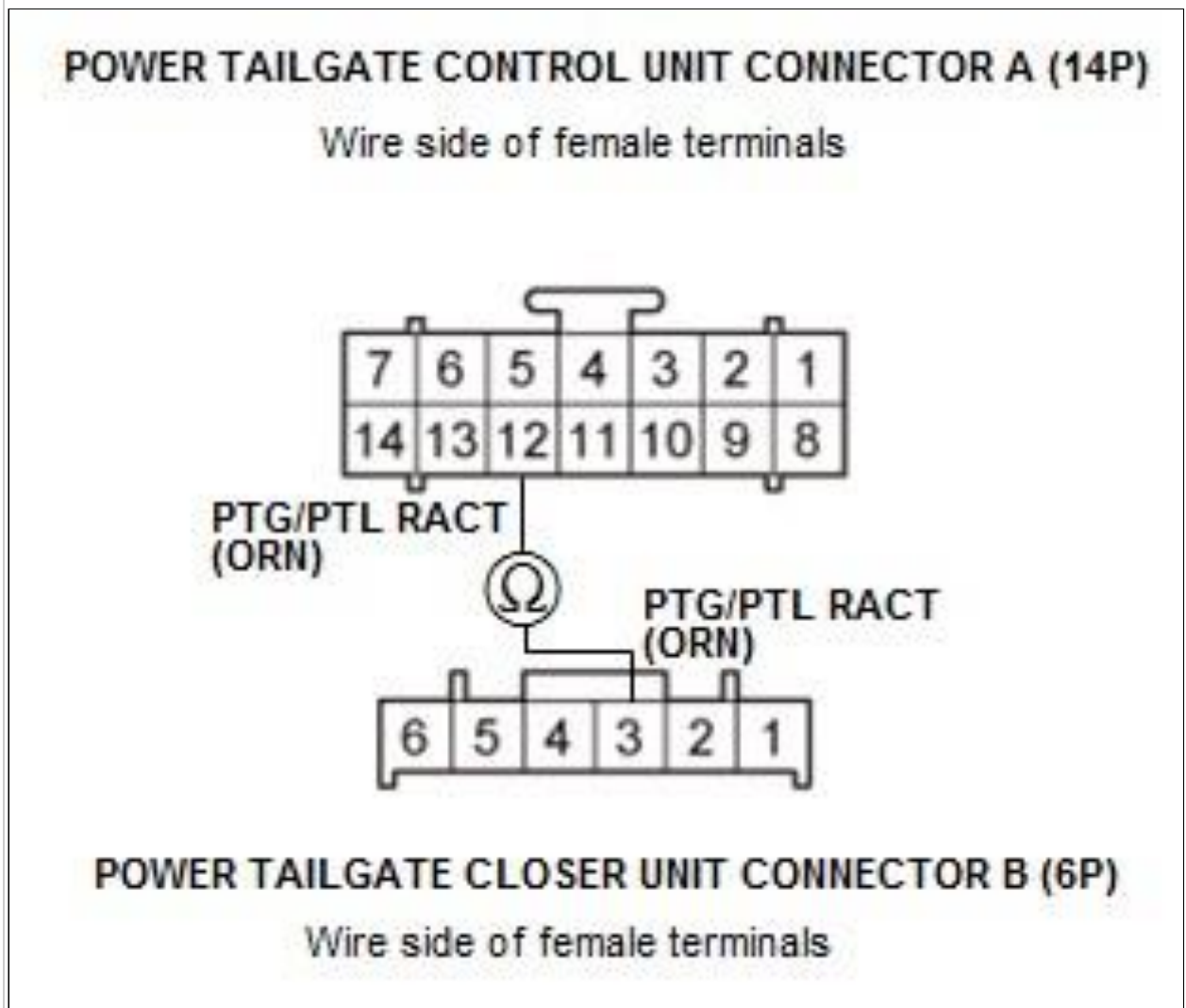
Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL RACT
Test point 1	Power tailgate closer unit connector B (6P) No. 3 (ORN)
Test point 2	Power tailgate control unit connector A (14P) No. 12 (ORN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1383: TAILGATE CLOSER UNIT RATCHET SWITCH CIRCUIT MALFUNCTION (2016-18)

DTC Description	DTC
B1383 Tailgate Closer Unit Ratchet Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A - Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1383 Tailgate Closer Unit Ratchet Switch Circuit Malfunction	

Is DTC B1383 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Determine possible failure area (PTG/PTL RACT line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 3.

NO

Go to step 5.

3. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

- 2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Check the parameter(s) below with the HDS.

Signal	Current conditions

	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 4.

NO

Faulty ratchet switch; replace the tailgate latch .

4. Shorted wire check (PTG/PTL RACT line):

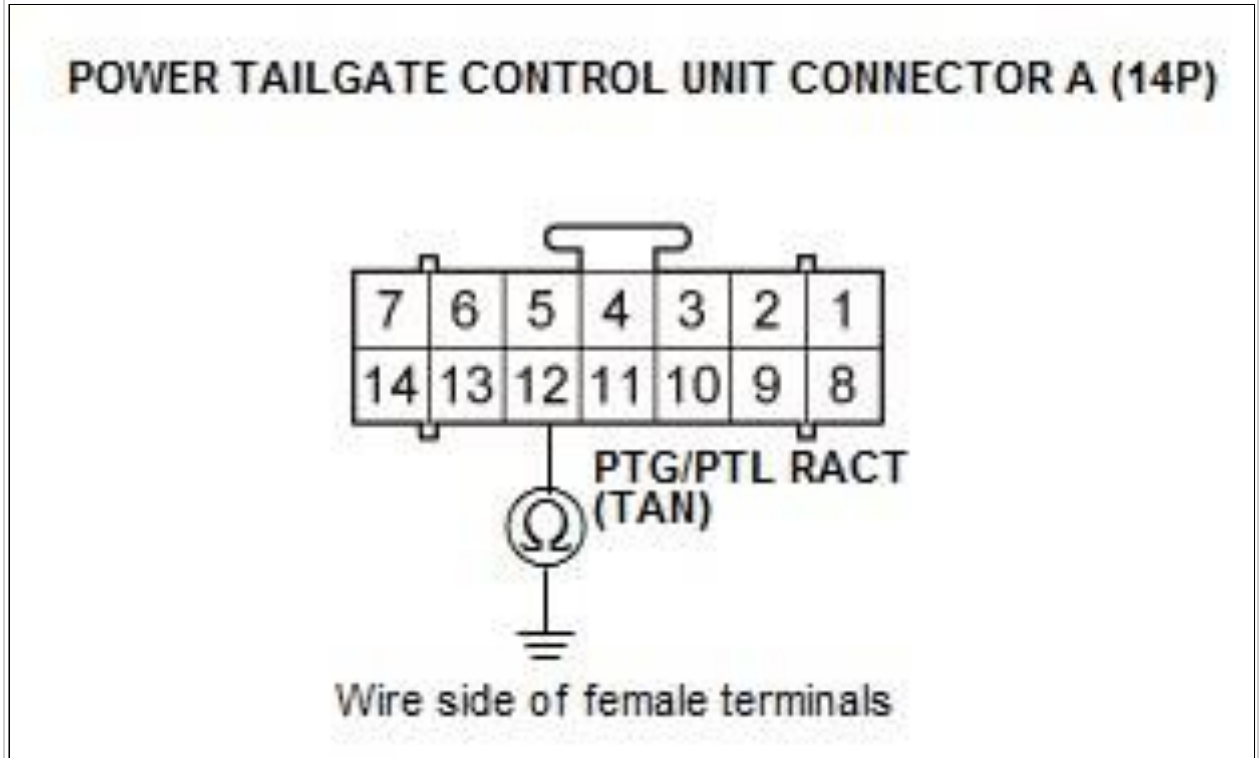
Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL RACT
Test point 1	Power tailgate control unit connector A (14P) No. 12 (TAN)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

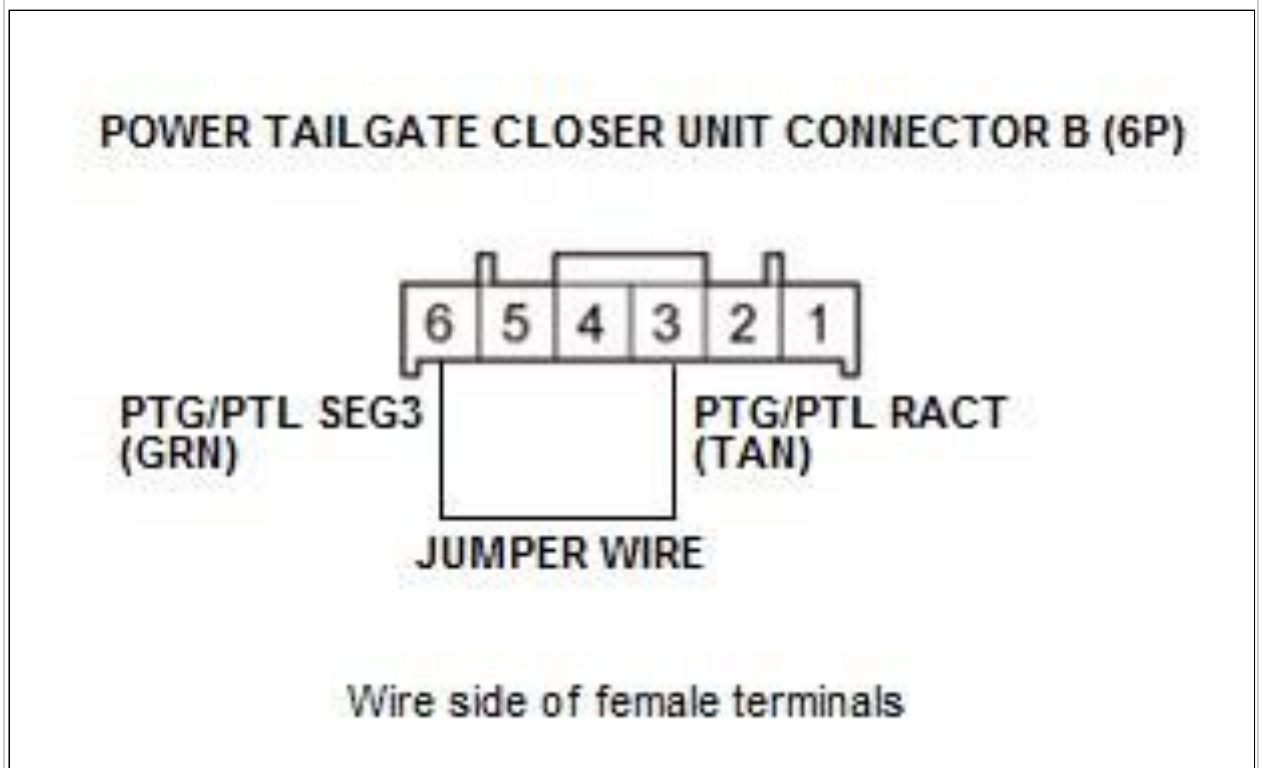
Replace the power tailgate control unit .

- 5. Determine possible failure area (power tailgate closer unit, others):
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 3 (TAN)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Faulty ratchet switch; replace the tailgate latch .

NO

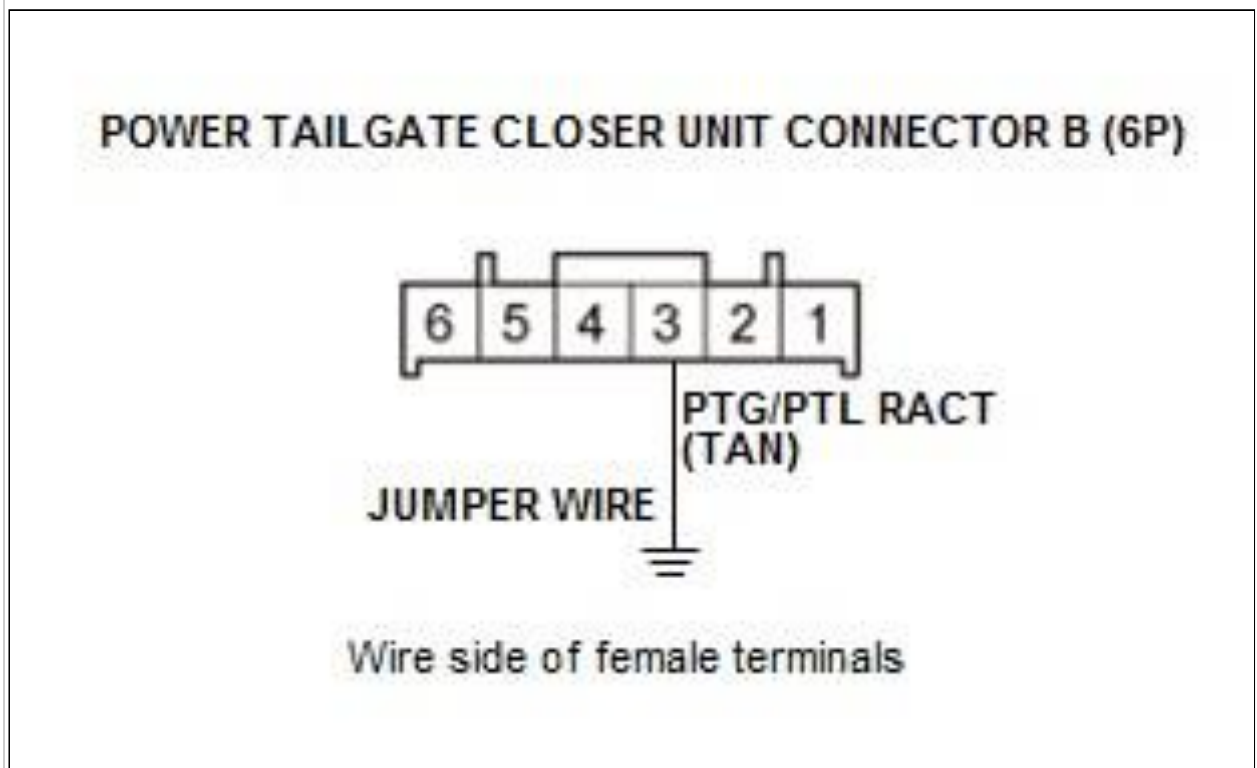
Go to step 6.

6. Determine possible failure area (PTG/PTL RACT line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 3 (TAN)
Terminal B	Body ground



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.
- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Ratchet		

Is data list value ON?

YES

Go to step 7.

NO

Go to step 8.

7. Open wire check (PTG/PTL SEG3 line):

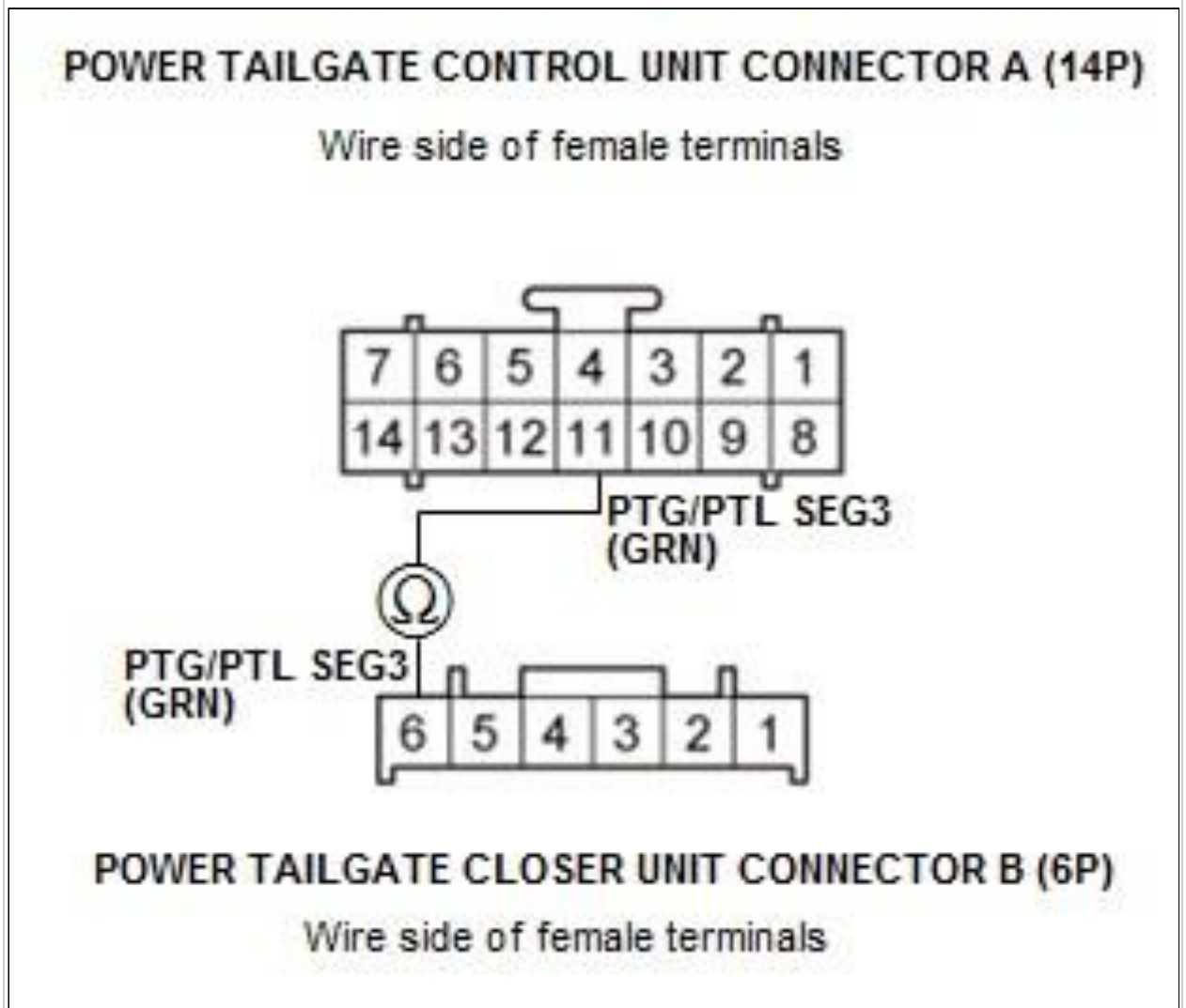
Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL SEG3
Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

8. Open wire check (PTG/PTL RACT line):

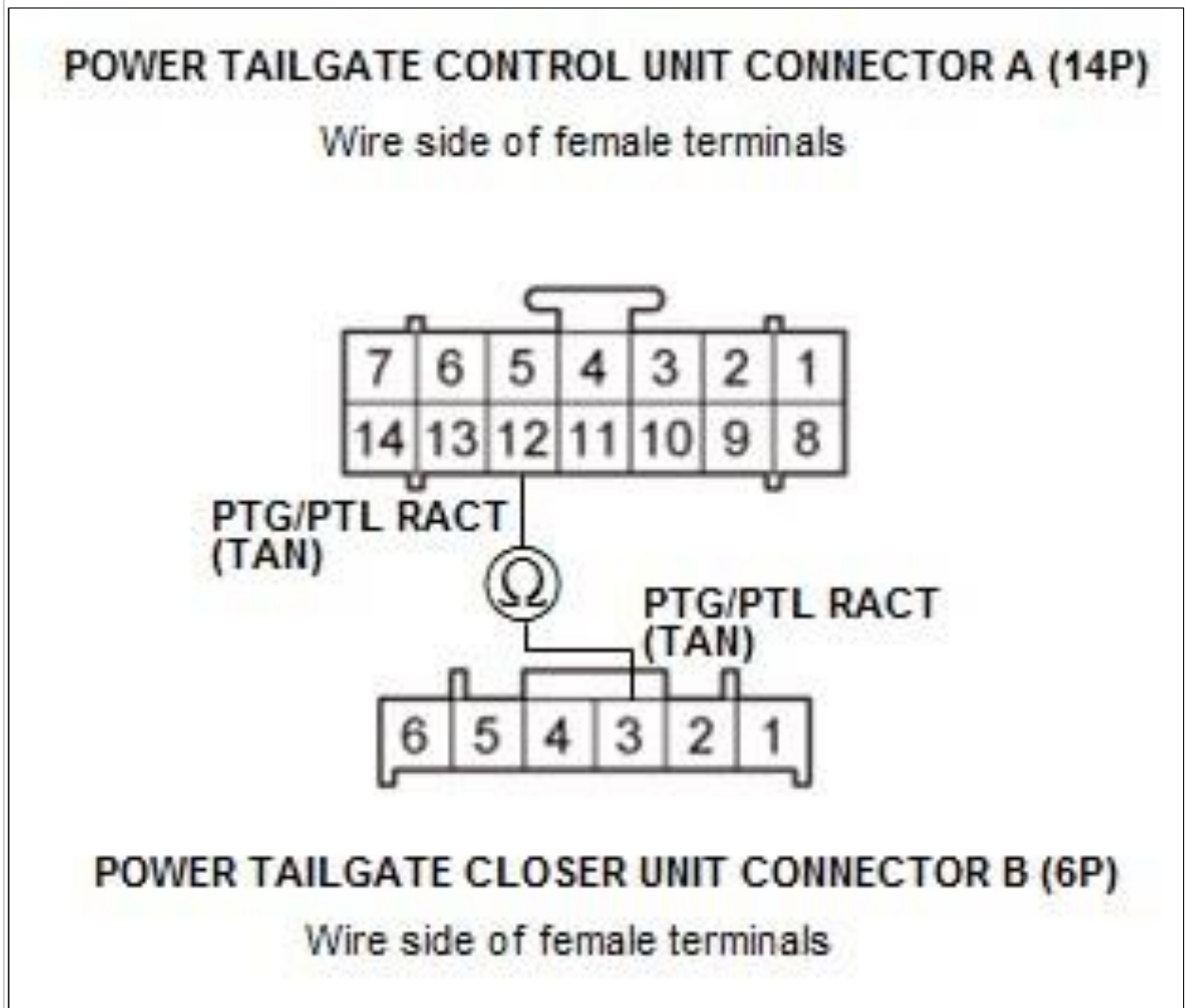
Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL RACT
Test point 1	Power tailgate closer unit connector B (6P) No. 3 (TAN)
Test point 2	Power tailgate control unit connector A (14P) No. 12 (TAN)



Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1384: TAILGATE CLOSER UNIT HALF LATCH SWITCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1384 Tailgate Closer Unit Half Latch Switch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate manually.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1384 Tailgate Closer Unit Half Latch Switch Circuit Malfunction	

Is DTC B1384 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. Determine possible failure area (PTG/PTL HALF line short, others): Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Half Latch		

Is data list value ON?

YES

Go to step 3.

NO

Go to step 5.

3. Determine possible failure area (power tailgate closer unit, others):

Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Press the engine start/stop button to select the ON mode. -

4. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Half Latch		

Is data list value ON?

YES

Go to step 4.

NO

Faulty half latch switch; replace the tailgate latch .

4. Shorted wire check (PTG/PTL HALF line):

Press the engine start/stop button to select the OFF mode. -

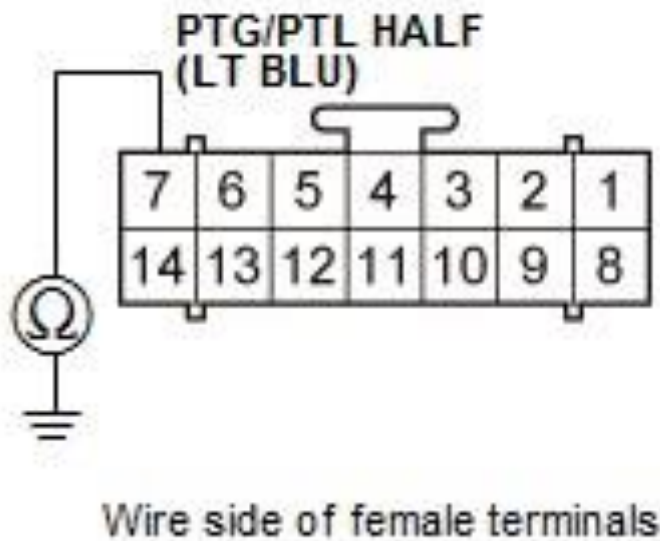
2. Disconnect the follow.

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL HALF
Test point 1	Power tailgate control unit connector A (14P) No. 7 (LT BLU)
Test point 2	Body ground

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

5. Determine possible failure area (power tailgate closer unit, others):

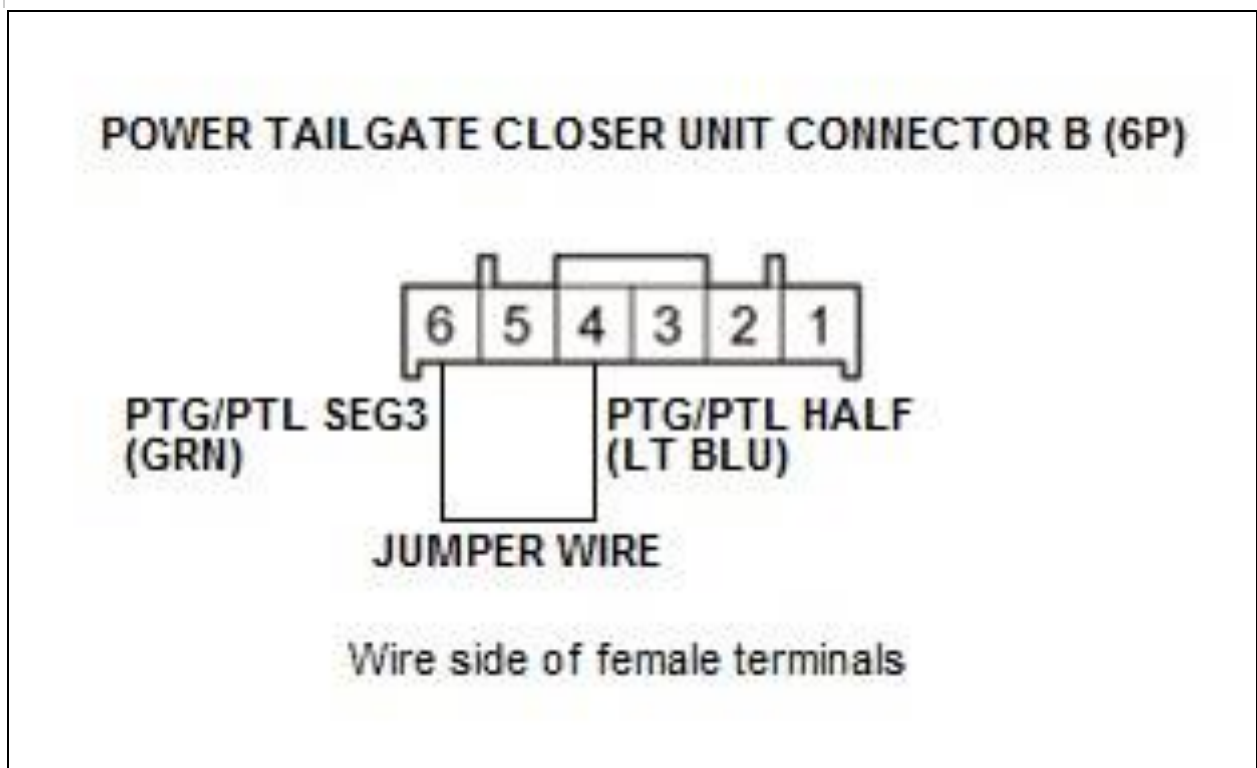
Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Power tailgate closer unit connector B (6P)

- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 4 (LT BLU)
Terminal B	Power tailgate closer unit connector B (6P) No. 6 (GRN)



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Half Latch		

Is data list value ON?

YES

Faulty half latch switch; replace the tailgate latch .

NO

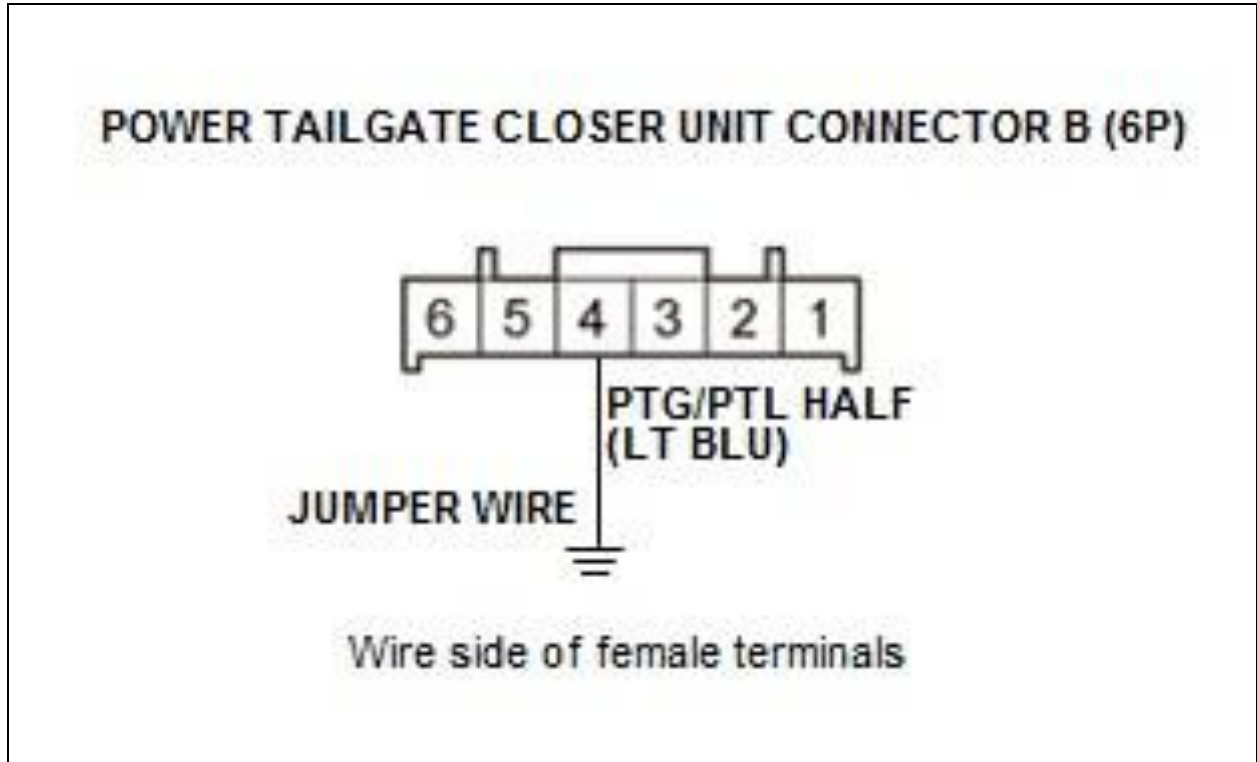
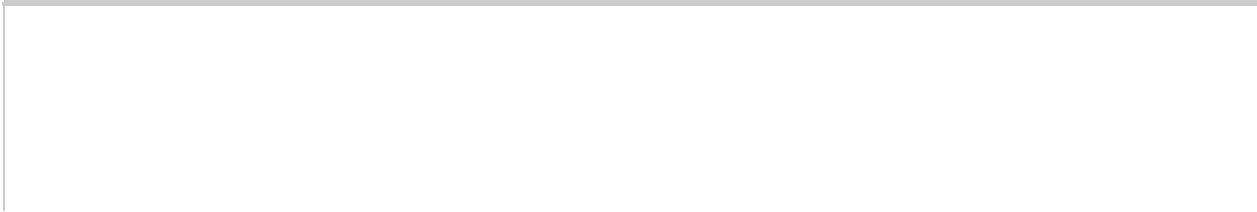
Go to step 6.

6. Determine possible failure area (PTG/PTL HALF line, PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Connect terminals A and B with a jumper wire.

Terminal A	Power tailgate closer unit connector B (6P) No. 4 (LT BLU)
Terminal B	Body ground



Courtesy of HONDA, U.S.A., INC.

- 4. Press the engine start/stop button to select the ON mode.- 5. Check the parameter(s) below with the HDS.

Signal	Current conditions	
	Values	Unit
Tailgate Lock Sw. Half Latch		

Is data list value ON?

YES

Go to step 7.

NO

Go to step 8.

7. Open wire check (PTG/PTL SEG3 line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

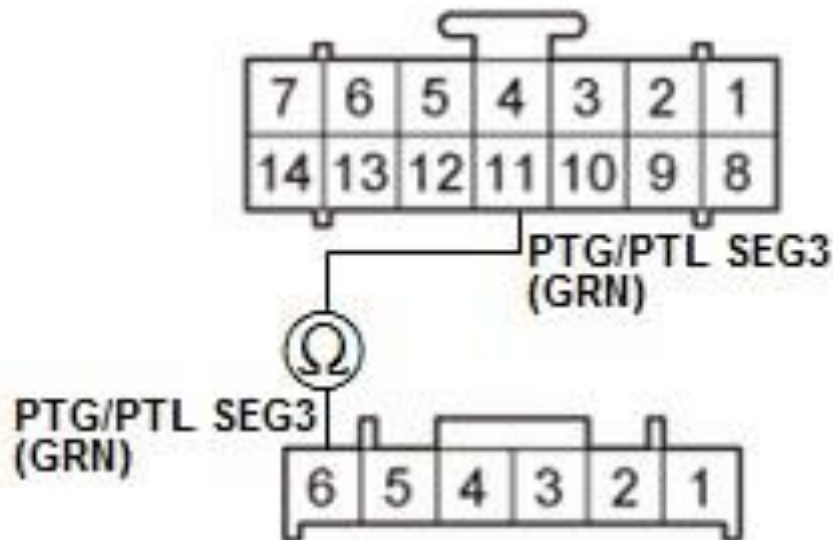
Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	PTG/PTL SEG3
Test point 1	Power tailgate closer unit connector B (6P) No. 6 (GRN)
Test point 2	Power tailgate control unit connector A (14P) No. 11 (GRN)

POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)

Wire side of female terminals



POWER TAILGATE CLOSER UNIT CONNECTOR B (6P)

Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

8. Open wire check (PTG/PTL HALF line):

Press the engine start/stop button to select the OFF mode.

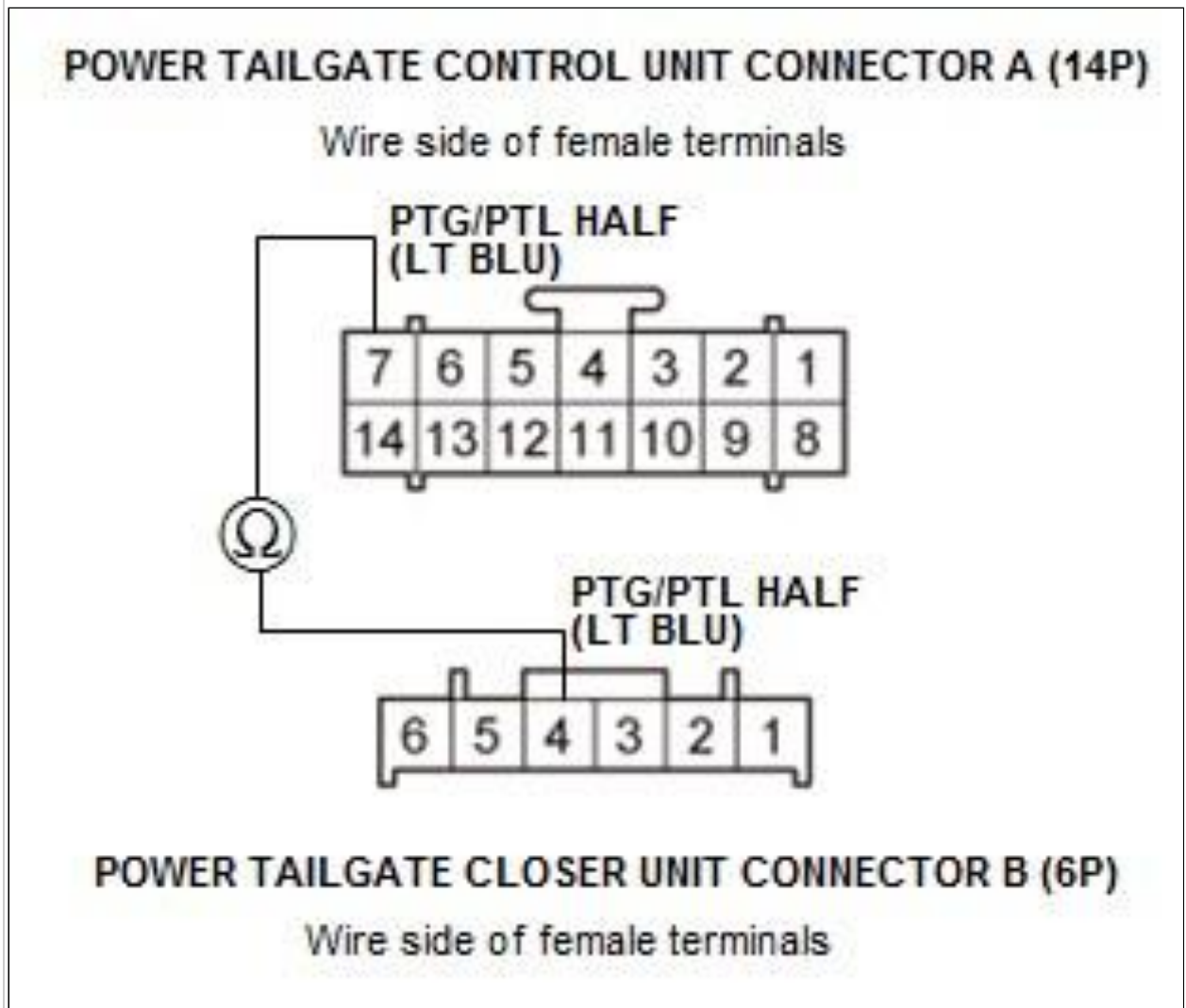
- 2. Disconnect the jumper wire.
- 3. Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 4. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector B (6P): disconnected Power tailgate control unit connector A (14P): disconnected

Test circuit	PTG/PTL CLOP
Test point 1	Power tailgate closer unit connector B (6P) No. 4 (LT BLU)
Test point 2	Power tailgate control unit connector A (14P) No. 7 (LT BLU)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1386: POWER TAILGATE SENSOR PULSE A CIRCUIT MALFUNCTION (2013-15)

DTC Description	DTC
-----------------	-----

B1386 Power Tailgate Sensor Pulse A Circuit Malfunction

DTC (Power Tailgate Control Unit)

NOTE:

- If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15) .
- If the motor does not operate, do the motor test first .

1. Problem verification 1:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate automatically with the keyless transmitter or power tailgate inside switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1386 Power Tailgate Sensor Pulse A Circuit Malfunction	

Is DTC B1386 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the drive unit.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1387 Power Tailgate Sensor Pulse B Circuit Malfunction	

Is DTC B1387 indicated?

YES

Go to step 3.

NO

Go to step 4.

Shorted wire check (PTG/PTL SVCC line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the following connector.

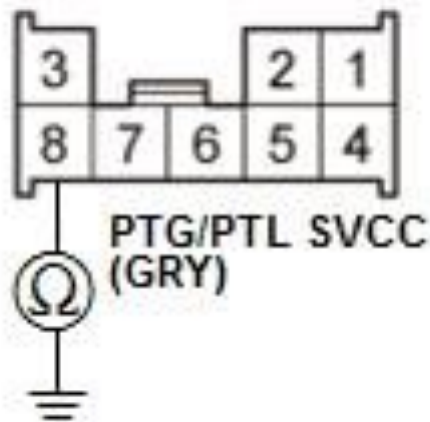
Drive unit connector B (8P)

3.

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected
Test circuit	PTG/PTL SVCC
Test point 1	Drive unit connector B (8P) No. 8 (GRY)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

4. Determine possible failure area (power tailgate sensor, others):

Press the engine start/stop button to select the OFF mode. -

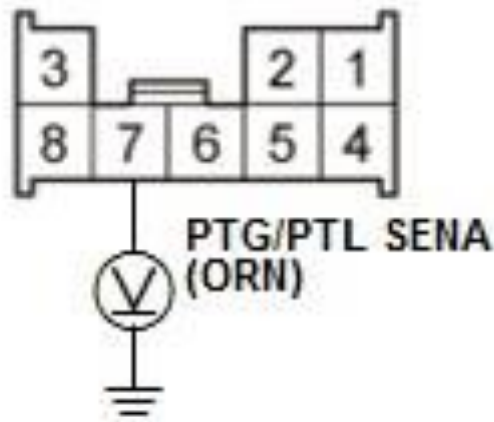
2. Disconnect the following connector.

Drive unit connector B (8P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Measure the voltage between test points 1 and 2.

Test condition	ON modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENA
Test point 1	Drive unit connector B (8P) No. 7 (ORN)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there about 5V?

YES

Faulty power tailgate sensor; replace the drive unit .

NO

Go to step 5.

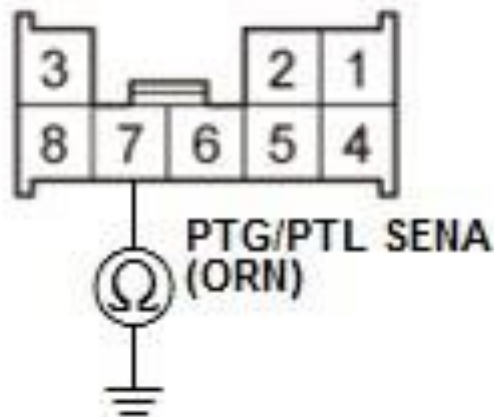
5. Shorted wire check (PTG/PTL SENA line):

Press the engine start/stop button to select the OFF mode. -

2. Check for continuity between test points 1 and 2.

Test condition	OFF modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENA
Test point 1	Drive unit connector B (8P) No. 7 (ORN)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Go to step 6.

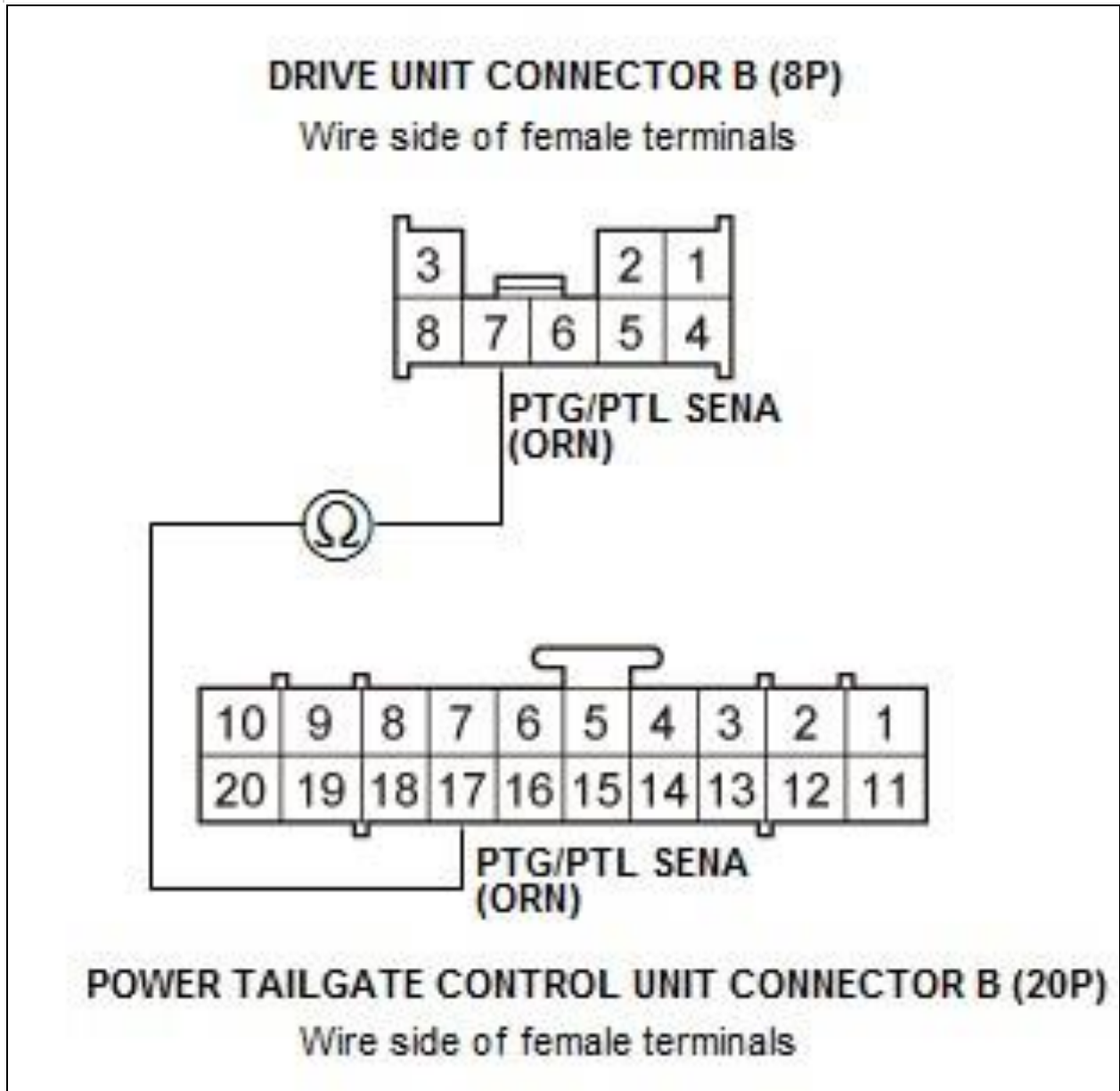
6. Open wire check (PTG/PTL SENA line): Disconnect the following connector.

Power tailgate control unit connector B (20P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL SENA

Test point 1	Drive unit connector B (8P) No. 7 (ORN)
Test point 2	Power tailgate control unit connector B (20P) No. 17 (ORN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1386: POWER TAILGATE SENSOR PULSE A CIRCUIT MALFUNCTION (2016-18)

DTC Description	DTC
B1386 Power Tailgate Sensor Pulse A Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE:

- If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .
- If the motor does not operate, do the motor test first .

1. Problem verification 1:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate automatically with the keyless transmitter or power tailgate inside switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1386 Power Tailgate Sensor Pulse A Circuit Malfunction	

Is DTC B1386 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the drive unit.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1387 Power Tailgate Sensor Pulse B Circuit Malfunction	

Is DTC B1387 indicated?

YES

Go to step 3.

NO

Go to step 4.

Shorted wire check (PTG/PTL SVCC line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the following connector.

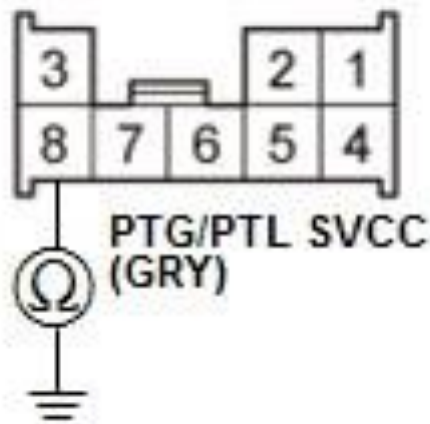
Drive unit connector B (8P)

3.

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected
Test circuit	PTG/PTL SVCC
Test point 1	Drive unit connector B (8P) No. 8 (GRY)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

4. Determine possible failure area (power tailgate sensor, others):

Press the engine start/stop button to select the OFF mode. -

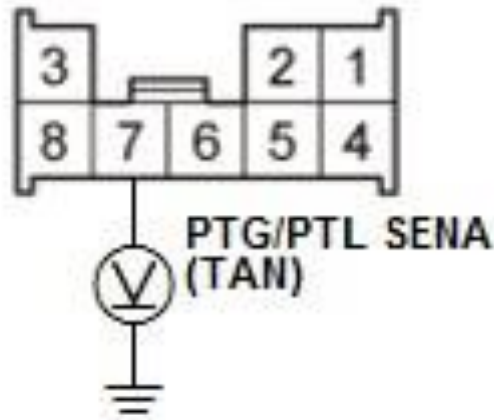
2. Disconnect the following connector.

Drive unit connector B (8P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Measure the voltage between test points 1 and 2.

Test condition	ON modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENA
Test point 1	Drive unit connector B (8P) No. 7 (TAN)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there about 5V?

YES

Faulty power tailgate sensor; replace the drive unit .

NO

Go to step 5.

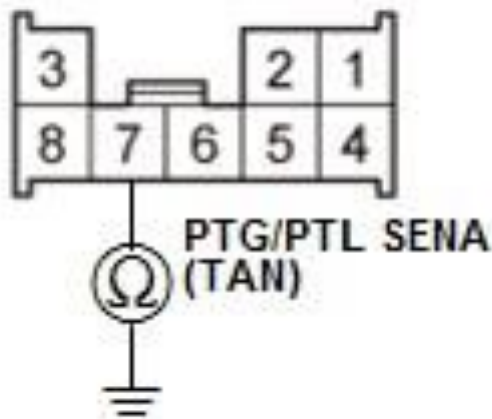
5. Shorted wire check (PTG/PTL SENA line):

Press the engine start/stop button to select the OFF mode. -

2. Check for continuity between test points 1 and 2.

Test condition	OFF modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENA
Test point 1	Drive unit connector B (8P) No. 7 (TAN)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Go to step 6.

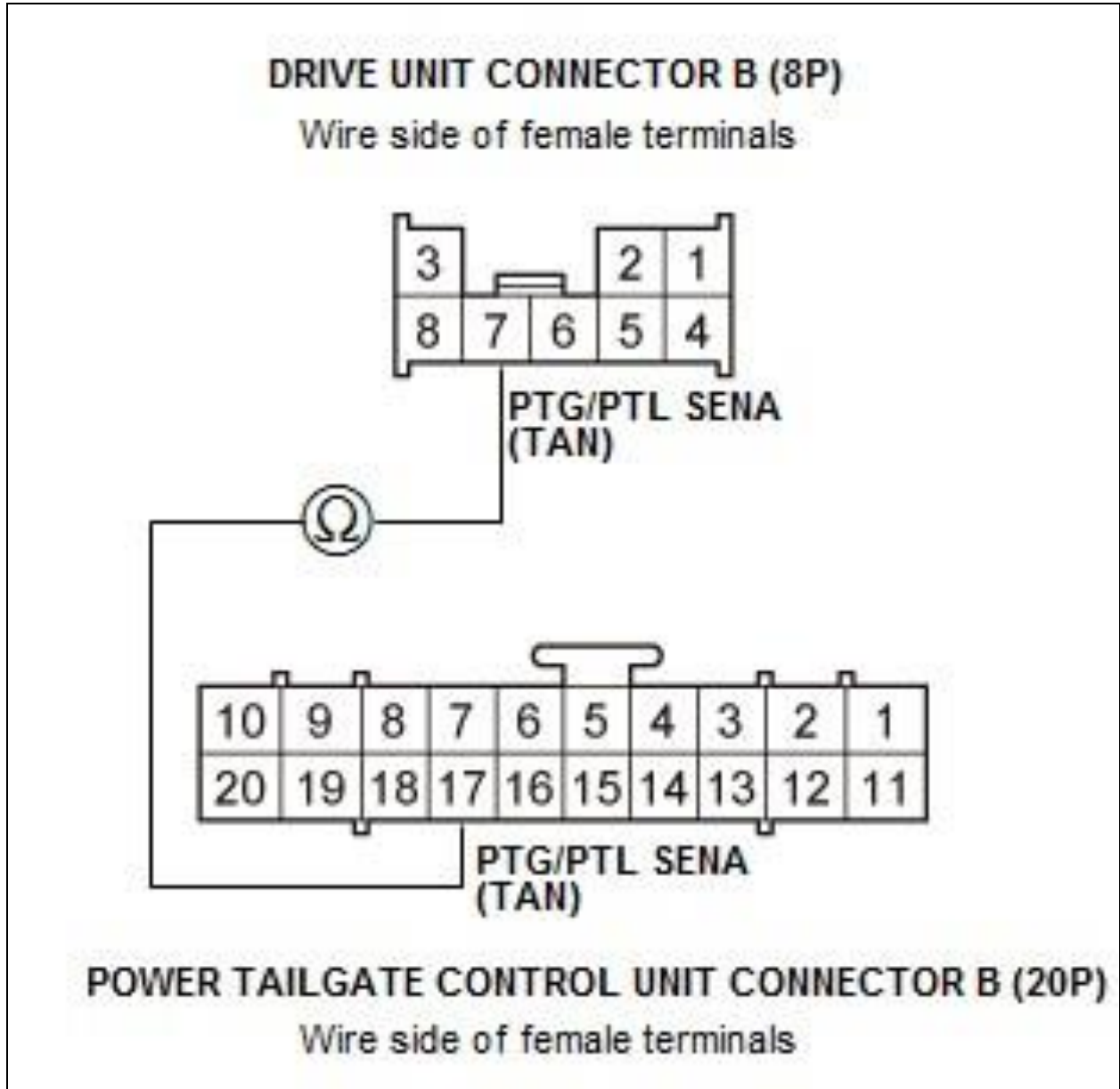
6. Open wire check (PTG/PTL SENA line): Disconnect the following connector.

Power tailgate control unit connector B (20P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL SENA

Test point 1	Drive unit connector B (8P) No. 7 (TAN)
Test point 2	Power tailgate control unit connector B (20P) No. 17 (TAN)



Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1387: POWER TAILGATE SENSOR PULSE B CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1387 Power Tailgate Sensor Pulse B Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE:

- If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - BCAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .
- If the motor does not operate, do the motor test first .

1. Problem verification 1:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate with the tailgate outer handle switch.
- 3. Close the tailgate automatically with the keyless transmitter or power tailgate inside switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1387 Power Tailgate Sensor Pulse B Circuit Malfunction	

Is DTC B1387 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the drive unit.

2. Problem verification 2:

Check for DTCs with the HDS.

DTC Description	DTC
B1386 Power Tailgate Sensor Pulse A Circuit Malfunction	

Is DTC B1386 indicated?

YES

Go to step 3.

NO

Go to step 4.

Shorted wire check (PTG/PTL SVCC line):

Press the engine start/stop button to select the OFF mode.

- 2. Disconnect the following connector.

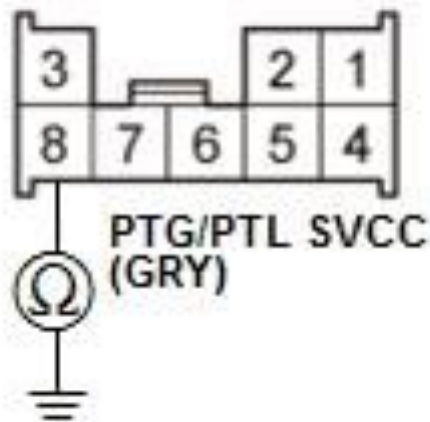
Drive unit connector B (8P)

3.

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected
Test circuit	PTG/PTL SVCC
Test point 1	Drive unit connector B (8P) No. 8 (GRY)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Replace the power tailgate control unit .

4. Determine possible failure area (power tailgate sensor, others):

Press the engine start/stop button to select the OFF mode. -

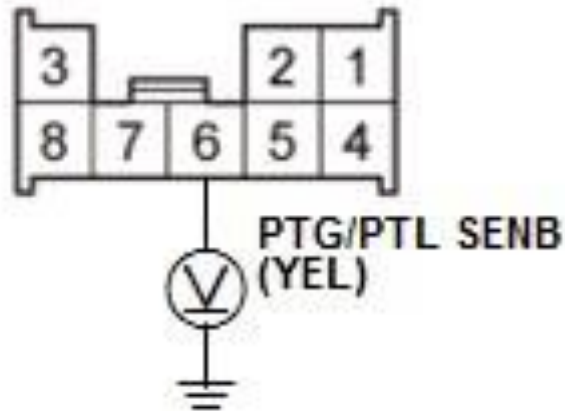
2. Disconnect the following connector.

Drive unit connector B (8P)

- 3. Press the engine start/stop button to select the ON mode.- 4. Measure the voltage between test points 1 and 2.

Test condition	ON modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENB
Test point 1	Drive unit connector B (8P) No. 6 (YEL)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there about 5V?

YES

Faulty power tailgate sensor; replace the drive unit .

NO

Go to step 5.

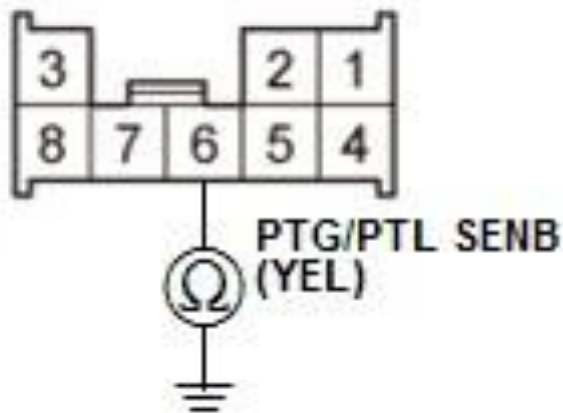
5. Shorted wire check (PTG/PTL SENB line):

Press the engine start/stop button to select the OFF mode. -

2. Check for continuity between test points 1 and 2.

Test condition	OFF modeDrive unit connector B (8P): disconnected
Test circuit	PTG/PTL SENB
Test point 1	Drive unit connector B (8P) No. 6 (YEL)
Test point 2	Body ground

DRIVE UNIT CONNECTOR B (8P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Go to step 6.

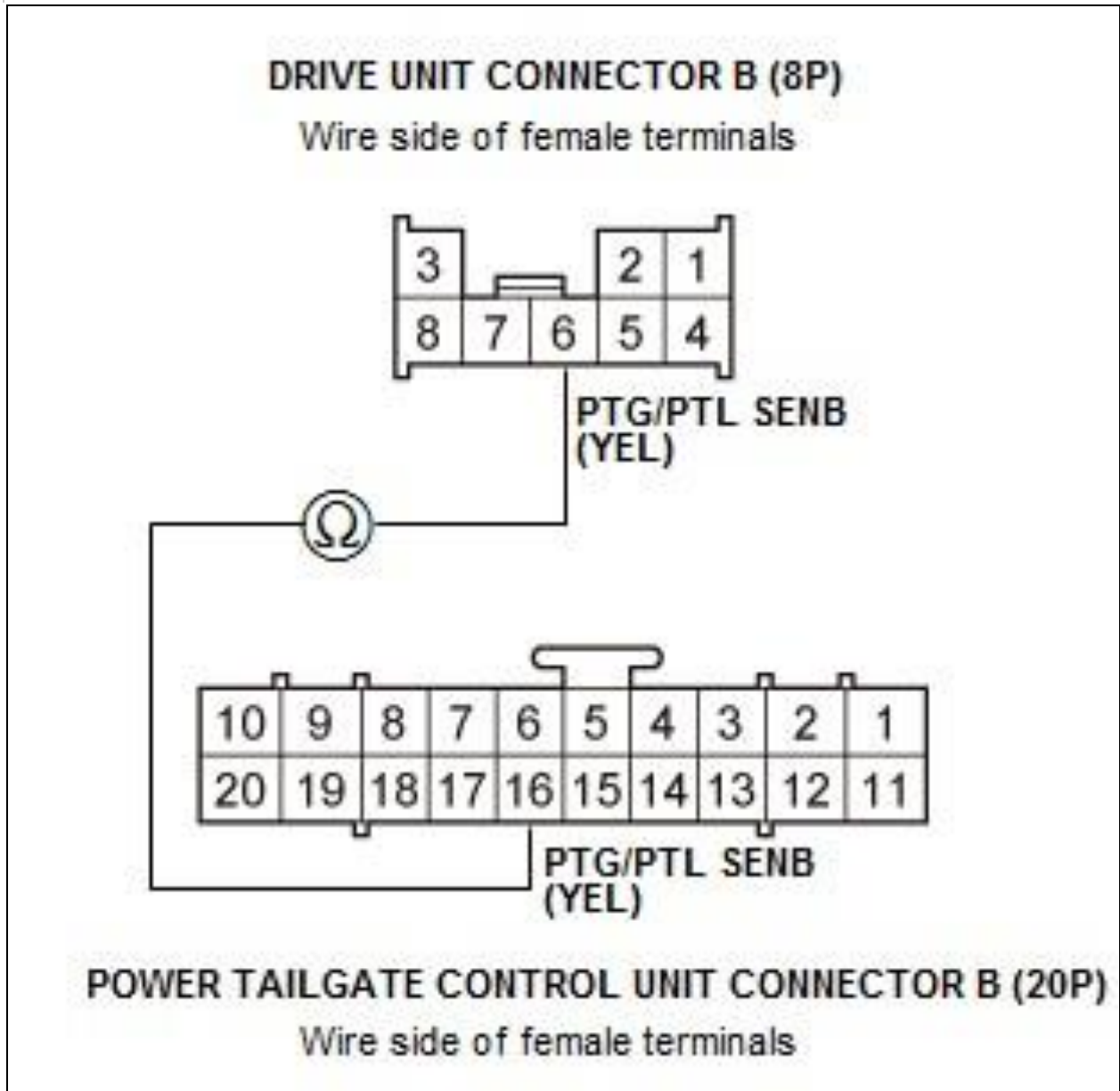
6. Open wire check (PTG/PTL SENB line): Disconnect the following connector.

Power tailgate control unit connector B (20P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Drive unit connector B (8P): disconnected Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL SENB

Test point 1	Drive unit connector B (8P) No. 6 (YEL)
Test point 2	Power tailgate control unit connector B (20P) No. 16 (YEL)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Replace the power tailgate control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1388: POWER TAILGATE DRIVE MOTOR CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1388 Power Tailgate Drive Motor Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate.
- 3. Close the tailgate automatically with the keyless transmitter or power tailgate inside switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1388 Power Tailgate Drive Motor Circuit Malfunction	

Is DTC B1388 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the drive unit.

2. Fuse check:

Check the following fuse.

Fuse	No. A1-5 (40 A)
Location	Under-hood fuse/relay box

Is the fuse OK?

YES

Go to step 3.

NO

Replace the fuse. If the fuse blows again, repair a short to ground in the No. A1-5 (40 A) fuse circuit.

3. Power tailgate motor check:

Press the engine start/stop button to select the OFF mode.

- 2. Test the power tailgate motor .

Is the motor OK?

YES

Go to step 4.

NO

Faulty power tailgate motor; replace the drive unit .

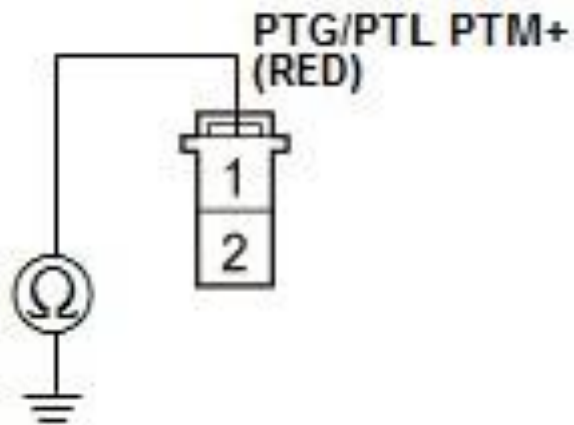
4. Shorted wire check (PTG/PTL PTM+ line): Disconnect the following connector.

Power tailgate control unit connector C (5P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate control unit connector C (5P): disconnected Drive unit connector A (2P): disconnected
Test circuit	PTG/PTL PTM+
Test point 1	Drive unit connector A (2P) No. 1 (RED)
Test point 2	Body ground

DRIVE UNIT CONNECTOR A (2P)



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

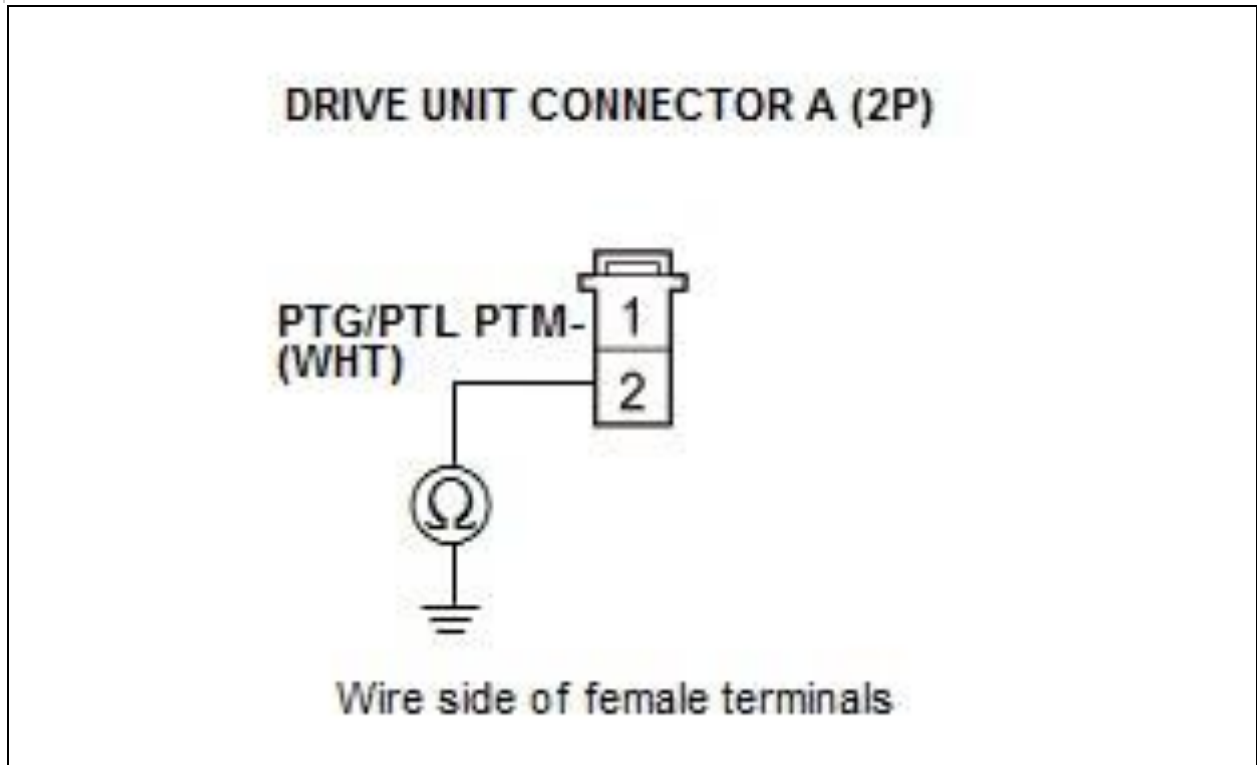
Repair a short to ground in the wire.

NO

The PTG/PTL PTM+ wire is not shorted. Go to step 5.

5. Shorted wire check (PTG/PTL PTM- line):
 Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate control unit connector C (5P): disconnected Drive unit connector A (2P): disconnected
Test circuit	PTG/PTL PTM-
Test point 1	Drive unit connector A (2P) No. 2 (WHT)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

The PTG/PTL PTM- wire is not shorted. Go to step 6.

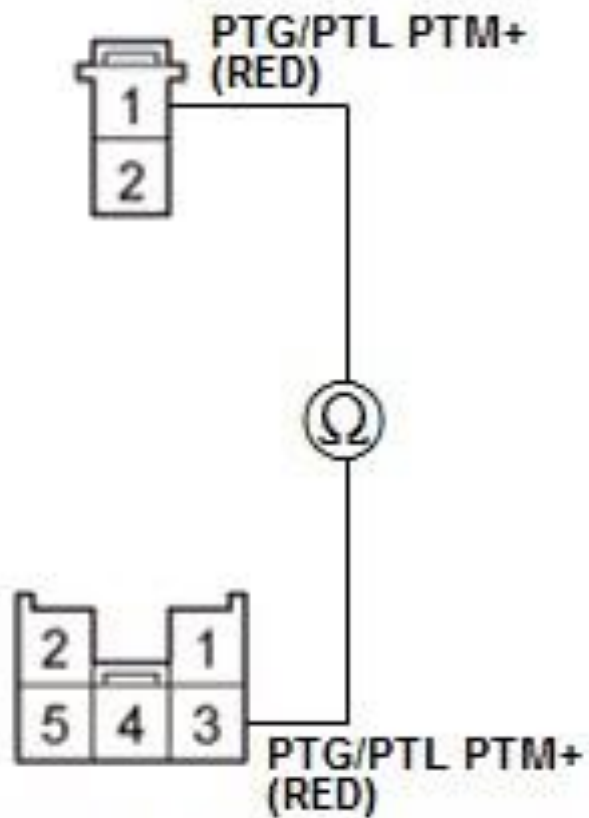
6. Open wire check (PTG/PTL PTM+ line):
 Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate control unit connector C (5P): disconnected Drive unit connector A (2P): disconnected
Test circuit	PTG/PTL PTM+
Test point 1	Drive unit connector A (2P) No. 1 (RED)

Test point 2

Power tailgate control unit connector C (5P) No. 3 (RED)

DRIVE UNIT CONNECTOR A (2P)
Wire side of female terminals



POWER TAILGATE CONTROL UNIT CONNECTOR C (5P)
Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair an open or high resistance in the wire.

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1389: POWER TAILGATE MOTOR CLUTCH CIRCUIT MALFUNCTION (2013-18)

DTC Description	DTC
B1389 Power Tailgate Motor Clutch Circuit Malfunction	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Open the tailgate.
- 3. Close the tailgate automatically with the keyless transmitter or power tailgate inside switch.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1389 Power Tailgate Motor Clutch Circuit Malfunction	

Is DTC B1389 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the drive unit.

2. Fuse check:

Check the following fuse.

Fuse	No. A13 (20 A)
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Location	Under-hood fuse/relay box
----------	---------------------------

Is the fuse OK?

YES

Go to step 3.

NO

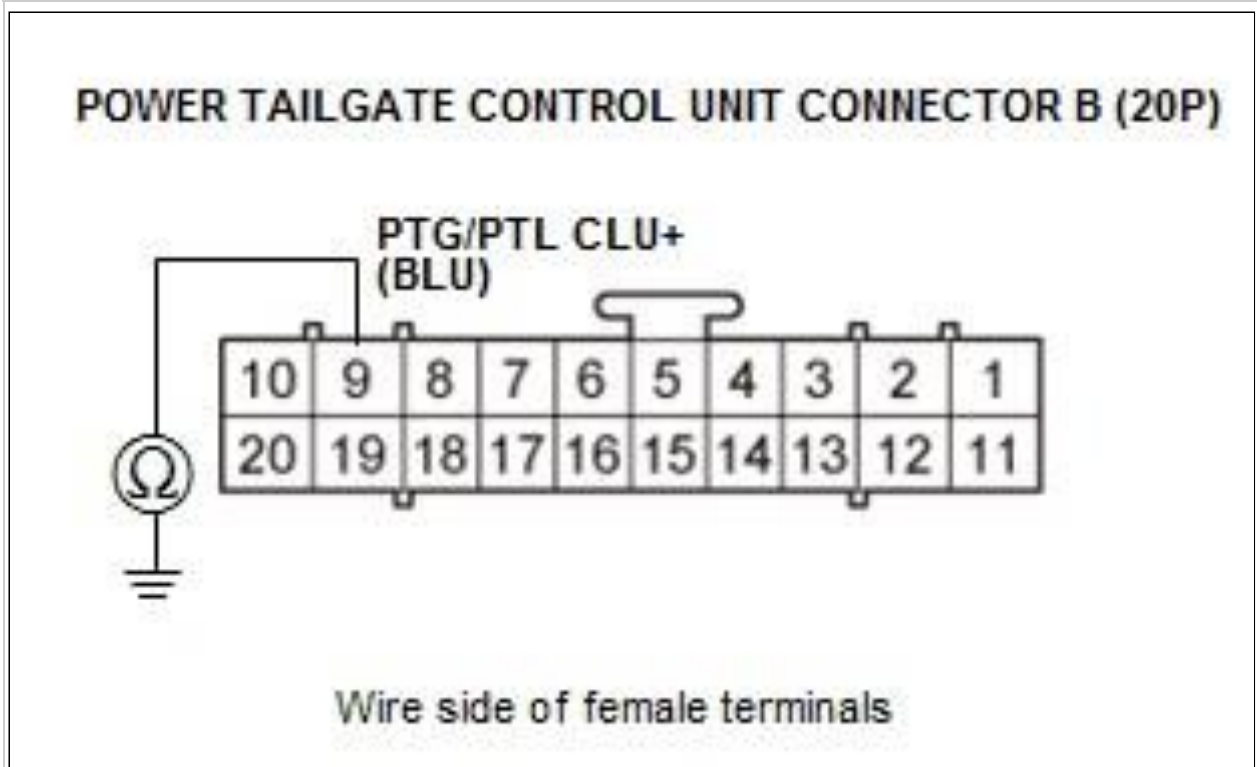
Replace the fuse. If the fuse blows again, repair a short to ground in the No. A13 (20 A) fuse circuit.

3. Shorted wire check (PTG/PTL CLU+ line):
 Press the engine start/stop button to select the OFF mode. -
 2. Disconnect the following connector.

Power tailgate control unit connector B (20P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL CLU+
Test point 1	Power tailgate control unit connector B (20P) No. 9 (BLU)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

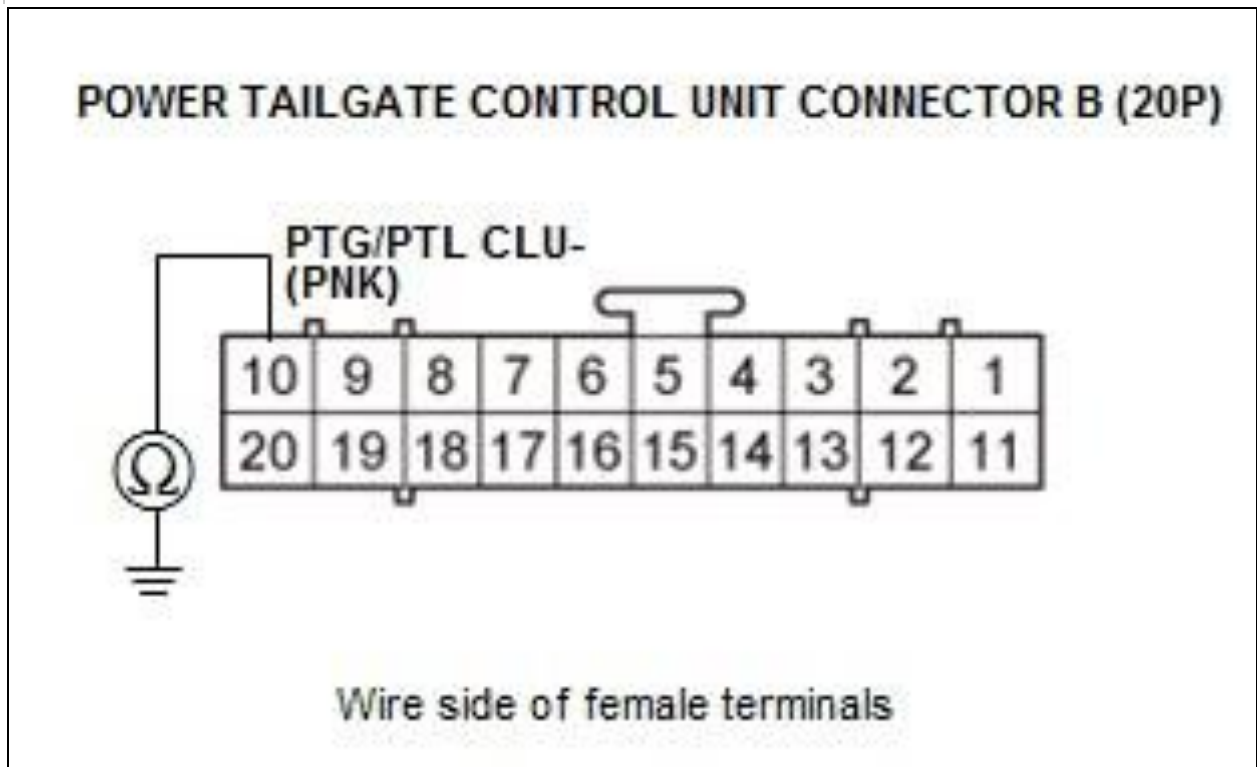
The PTG/PTL CLU+ wire is not shorted. Go to step 4.

4. Shorted wire check (PTG/PTL CLU- line): Disconnect the following connector.

Power tailgate control unit connector B (20P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF modePower tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL CLU-
Test point 1	Power tailgate control unit connector B (20P) No. 10 (PNK)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Repair a short to ground in the wire.

NO

Faulty power tailgate clutch; replace the drive unit .

DTC TROUBLESHOOTING > DTC B1390: POWER TAILGATE CLOSER MOTOR FUNCTION ERROR (2013-18)

DTC Description	DTC
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B1390 Power Tailgate Closer Motor Function Error	
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DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. With the tailgate closed, push the tailgate outer handle switch and wait for 10 seconds.
- 3. Check for DTCs with the HDS.

DTC Description	DTC
B1390 Power Tailgate Closer Motor Function Error	

Is DTC B1390 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections between the power tailgate control unit and the power tailgate closer unit.

2. DTC check:

Check for power tailgate system DTCs with the HDS.

DTC (Power Tailgate Control Unit) Are any DTCs indicated?

YES

Go to the indicated DTCs troubleshooting, then recheck.

NO

Go to step 3.

3. Fuse check:

Check the following fuse.

Fuse	No. A13 (20 A)
Location	Under-hood fuse/relay box

Is the fuse OK?

YES

Go to step 4.

NO

Replace the fuse. If the fuse blows again, repair a short to ground in the No. A13 (20 A) fuse circuit.

4. Open wire check (PTG/PTL CLM+ line):

Press the engine start/stop button to select the OFF mode. -

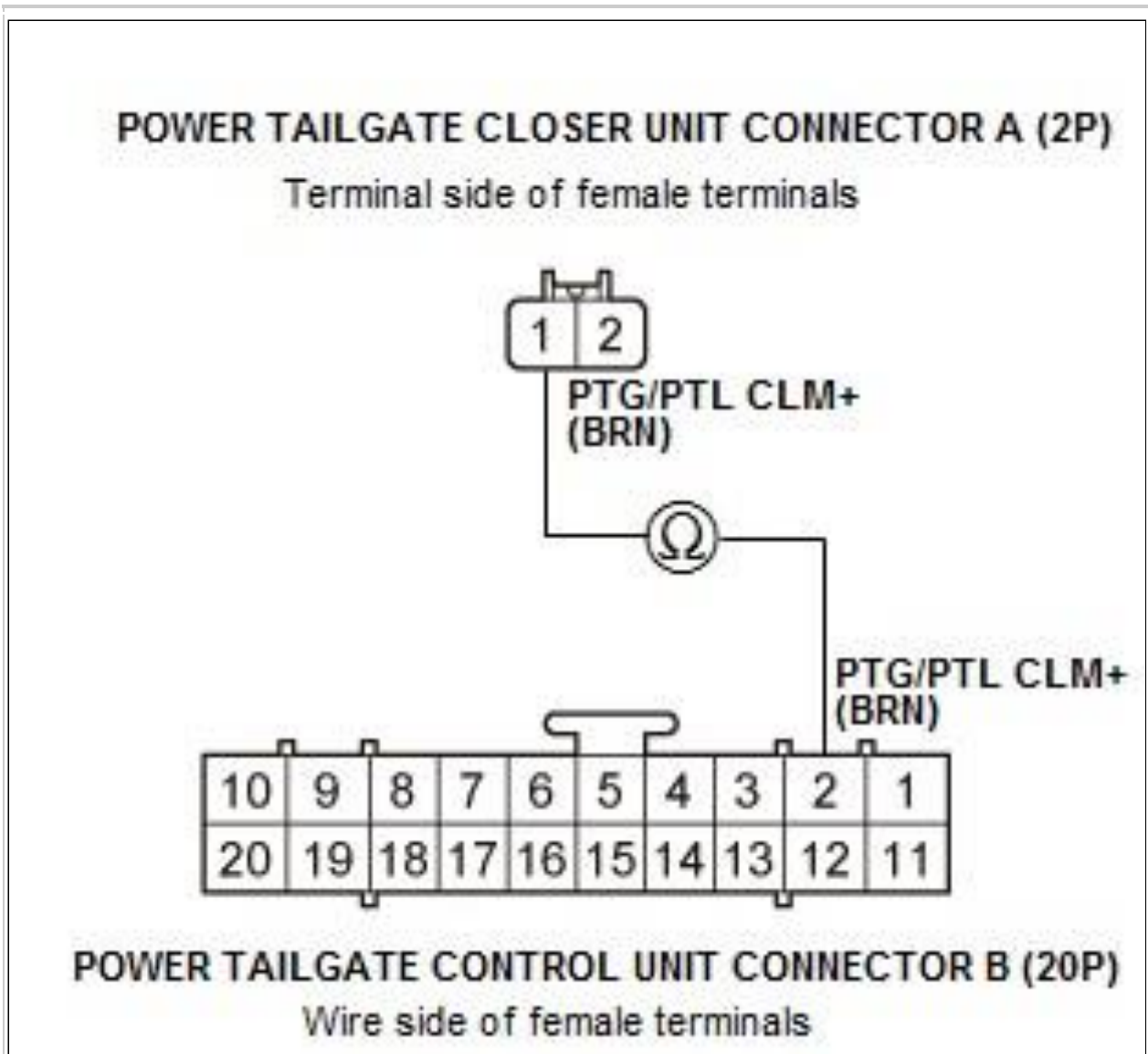
2. Disconnect the following connectors.

Power tailgate closer unit connector A (2P)

Power tailgate control unit connector B (20P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector A (2P): disconnected Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL CLM+
Test point 1	Power tailgate closer unit connector A (2P) No. 1 (BRN)
Test point 2	Power tailgate control unit connector B (20P) No. 2 (BRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

The PTG/PTL CLM+ wire is OK. Go to step 5.

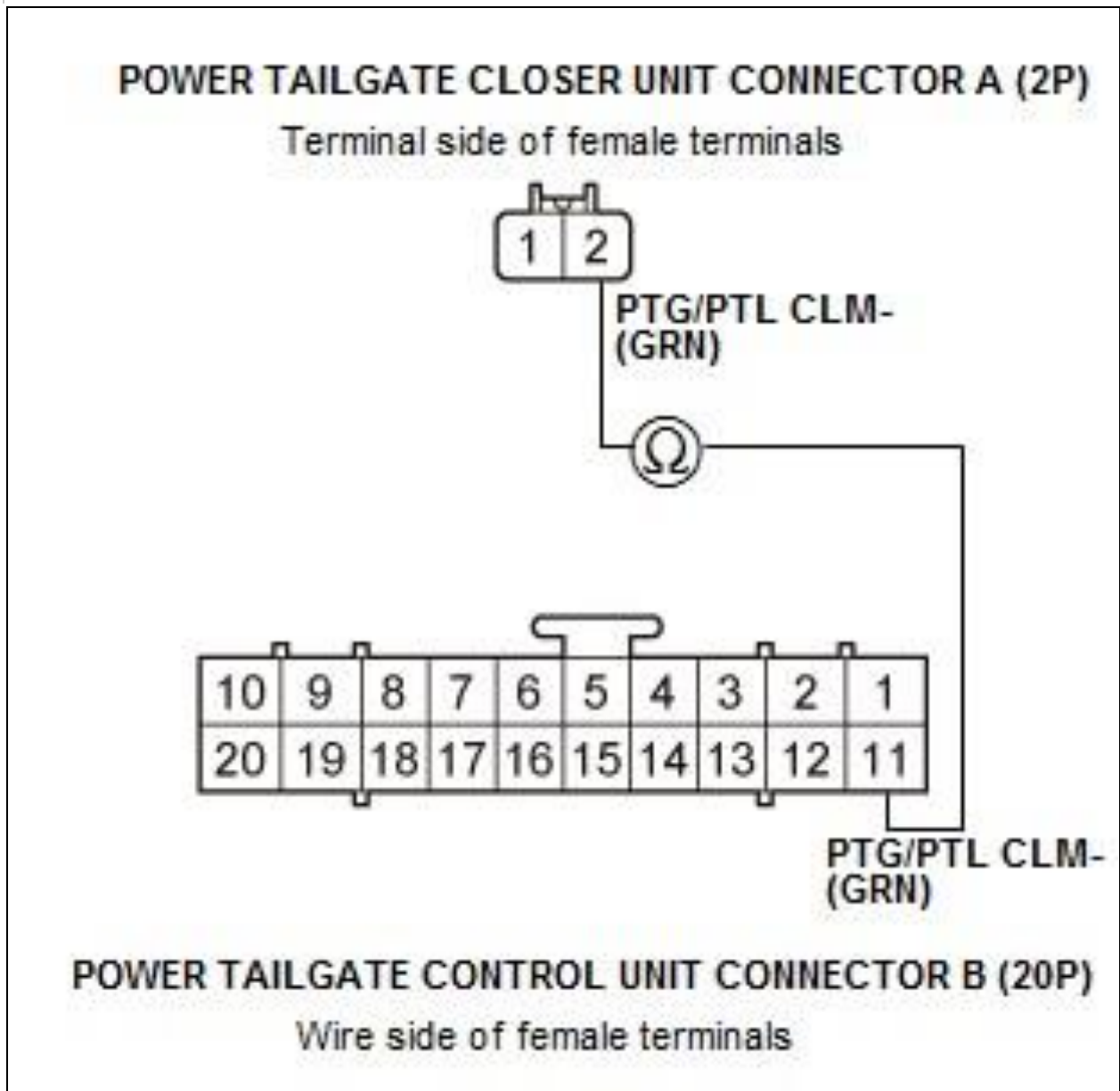
NO

Repair an open or high resistance in the wire.

5. Open wire check (PTG/PTL CLM- line):

Check for continuity between test points 1 and 2.

Test condition	OFF mode Power tailgate closer unit connector A (2P): disconnected Power tailgate control unit connector B (20P): disconnected
Test circuit	PTG/PTL CLM-
Test point 1	Power tailgate closer unit connector A (2P) No. 2 (GRN)
Test point 2	Power tailgate control unit connector B (20P) No. 11 (GRN)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

Faulty closer motor; replace the power tailgate closer unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC U0199: LOST COMMUNICATION WITH P/W (DRLOCKSW, KLDRLOCK FRAME) (2013-18)

DTC Troubleshooting: U0199

DTC Description	DTC
U0199 Lost Communication With P/W (DRLOCKSW, KLDRLOCK Frame)	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
U0199 Lost Communication With P/W (DRLOCKSW, KLDRLOCK Frame)	

Is DTC U0199 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections.

2. Determine possible failure area (power window master switch power and ground, B CAN line):

Select B-CAN CONTROL UNITS INFORMATION from the BODY ELECTRICAL SYSTEM SELECT menu, and then select CHECK CONNECTED CONTROL UNITS.

- 2. Check the DETECT/NOT AVAILABLE information of the POWER WINDOW UNIT. Is DETECT indicated?

YES

Go to step 8.

NO

Go to step 3.

3. Fuse check:

Check the following fuses.

Fuse	No. A29 (10 A)
Location	Under-hood fuse/relay box

Fuse	No. B22 (7.5 A)
Location	Under-dash fuse/relay box

Is each fuse OK?

YES

Go to step 4.

NO

Replace the fuse. If the fuse blows again, repair a short to ground in the No. A29 (10 A) and/or No. B22 (7.5 A) fuse circuit(s).

4. Open wire check (+B BACK UP line):

Press the engine start/stop button to select the OFF mode. -

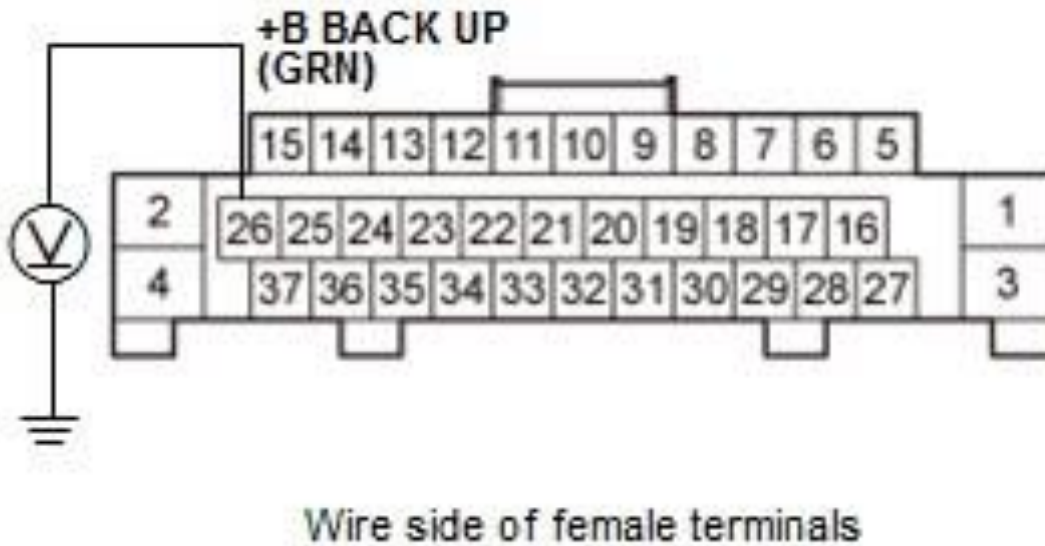
2. Disconnect the following connector.

Power window master switch 37P connector
--

- 3. Measure the voltage between test points 1 and 2.

Test condition	OFF modePower window master switch 37P connector: disconnected
Test circuit	+B BACK UP
Test point 1	Power window master switch 37P connector No. 26 (GRN)
Test point 2	Body ground

POWER WINDOW MASTER SWITCH 37P CONNECTOR



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

The +B BACK UP wire is OK. Go to step 5.

NO

Repair an open or high resistance in the wire.

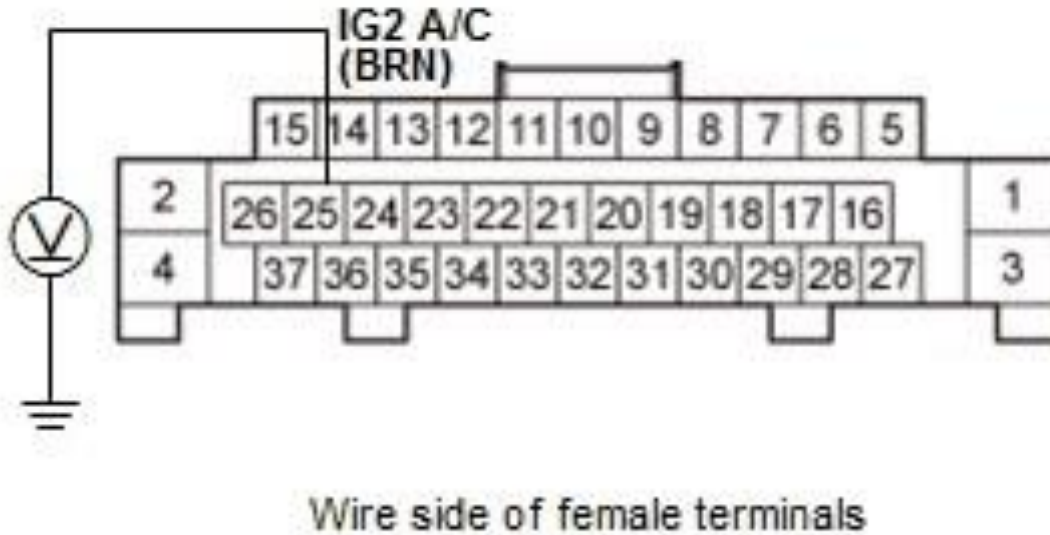
5. Open wire check (IG2 A/C line):

Press the engine start/stop button to select the ON mode. -

2. Measure the voltage between test points 1 and 2.

Test condition	ON mode Power window master switch 37P connector: disconnected
Test circuit	IG2 A/C
Test point 1	Power window master switch 37P connector No. 25 (BRN)
Test point 2	Body ground

POWER WINDOW MASTER SWITCH 37P CONNECTOR



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

The IG2 A/C wire is OK. Go to step 6.

NO

Repair an open or high resistance in the wire.

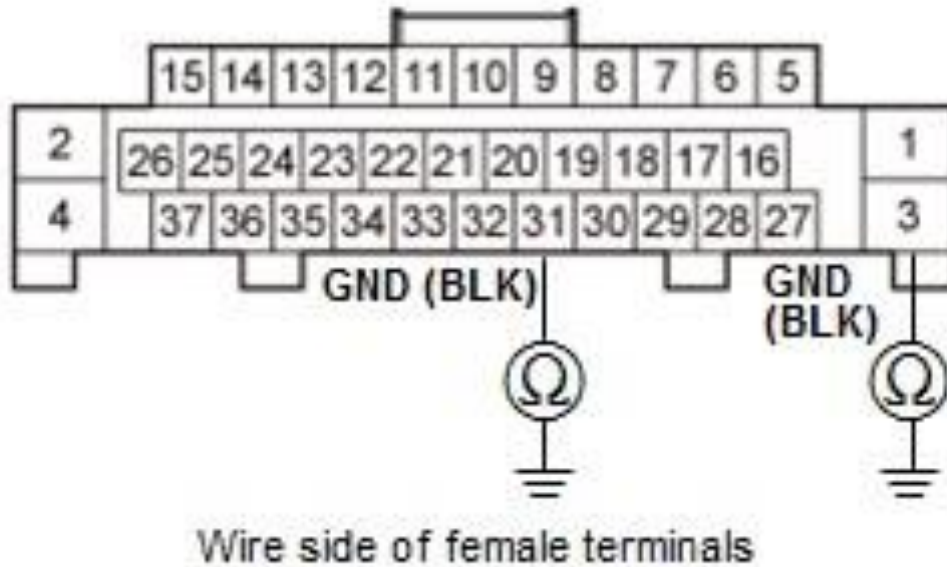
6. Open wire check (GND lines):

Press the engine start/stop button to select the OFF mode.

- 2. Check for continuity between test points 1 and 2 individually.

Test condition	OFF mode Power window master switch 37P connector: disconnected
Test circuit	GND
Test point 1	Power window master switch 37P connector No. 3 (BLK)
Test point 2	Body ground
Test circuit	GND
Test point 1	Power window master switch 37P connector No. 31 (BLK)
Test point 2	Body ground

POWER WINDOW MASTER SWITCH 37P CONNECTOR



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

The GND wires are OK. Go to step 7.

NO

Repair an open or high resistance in the ground wire or poor ground (G501).

7. Open wire check (B CAN lines):

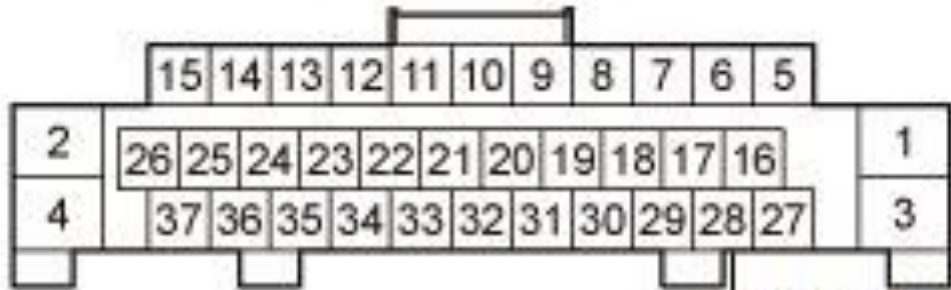
Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power window master switch 37P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H
Test point 1	Power window master switch 37P connector No. 28 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)

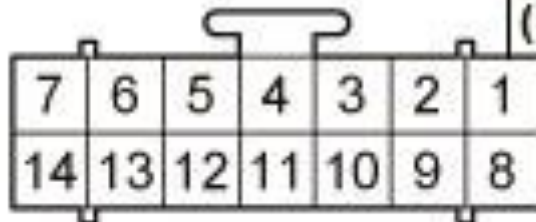
POWER WINDOW MASTER SWITCH 37P CONNECTOR
Wire side of female terminals



B CAN-H
(PNK)



B CAN-H
(PNK)



POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)
Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

An open or poor connection in the B CAN-L wire between the power window master switch and the power tailgate control unit.

NO

An open or poor connection in the B CAN-H wire between the power window master switch and the power tailgate control unit.

8. Open wire check (B CAN lines):

Press the engine start/stop button to select the OFF mode. -

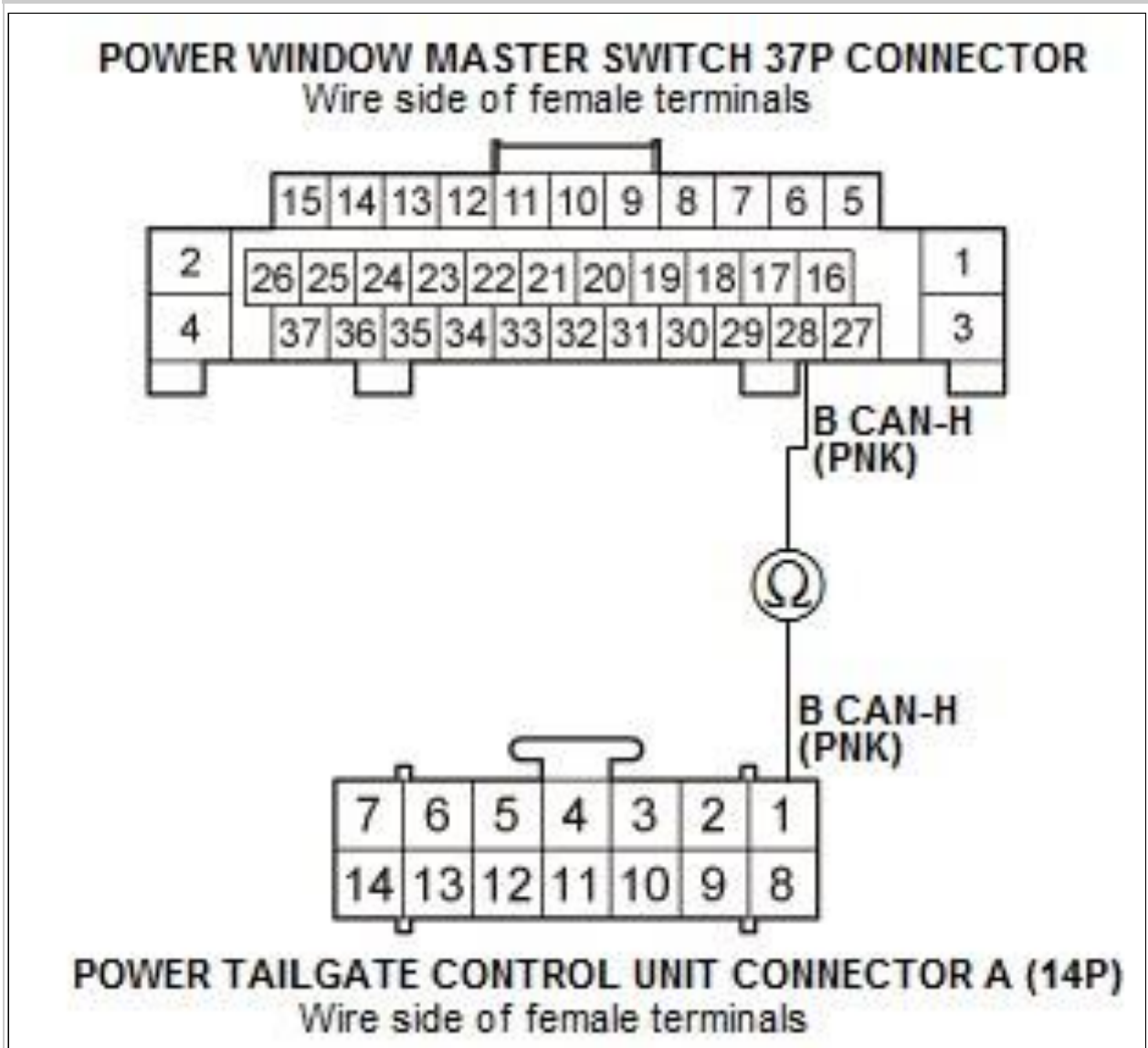
2. Disconnect the following connectors.

Power window master switch 37P connector

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Power window master switch 37P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H
Test point 1	Power window master switch 37P connector No. 28 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

An open or poor connection in the B CAN-L wire between the power window master switch and the power tailgate control unit.

NO

An open or poor connection in the B CAN-H wire between the power window master switch and the power tailgate control unit.

DTC TROUBLESHOOTING > DTC U1280: COMMUNICATION BUS LINE ERROR (A BUS OFF STATE IS DETECTED BY POWER TAILGATE ECU) (2013-18)

DTC Description	DTC
U1280 Communication Bus Line Error (a Bus OFF State is Detected by Power Tailgate ECU)	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
U1280 Communication Bus Line Error (a Bus OFF State is Detected by Power Tailgate ECU)	

Is DTC U1280 indicated?

YES

Go to MICU DTC U1280 troubleshooting - Refer to: DTC Troubleshooting: U1280(MICU) (2013-15), or DTC Troubleshooting: U1280(MICU) (2016-18) .

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections.

DTC TROUBLESHOOTING > DTC U1281: LOST COMMUNICATION WITH MICU (MICU FRAME) (2013-18)

DTC Description	DTC
U1281 Lost Communication With MICU (MICU Frame)	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15), & Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
U1281 Lost Communication With MICU (MICU Frame)	

Is DTC U1281 indicated?

YES

Go to MICU DTC U1280 troubleshooting - Refer to: DTC Troubleshooting: U1280(MICU) (2013-15), or DTC Troubleshooting: U1280(MICU) (2016-18) .

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections.

DTC TROUBLESHOOTING > DTC U128D: POWER TAILGATE CONTROL UNIT LOST COMMUNICATION WITH GAUGE CONTROL MODULE (2013-15)

DTC Description	DTC
U128D Power Tailgate Control Unit Lost Communication With Gauge Control Module	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2013-15) .

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
U128D Power Tailgate Control Unit Lost Communication With Gauge Control Module	

Is DTC U128D indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections.

2. Determine possible failure area (gauge control module power and ground, B CAN line):

Select B-CAN CONTROL UNITS INFORMATION from the BODY ELECTRICAL SYSTEM SELECT menu, and then select CHECK CONNECTED CONTROL UNITS.

- 2. Check the DETECT/NOT AVAILABLE information of the GAUGE CONTROL MODULE. Is DETECT indicated?

YES

Go to step 8.

NO

Go to step 3.

3. Fuse check:

Check the following fuses.

Fuse	No. A29 (10 A)
Location	Under-hood fuse/relay box

Fuse	No. B5 (7.5 A)
Location	Under-dash fuse/relay box

Is each fuse OK?

YES

Go to step 4.

NO

Replace the fuse. If the fuse blows again, repair a short to ground in the No. A29 (10 A) and/or No. B5 (7.5 A) fuse circuit(s).

4. Open wire check (+B BACK UP line):

Press the engine start/stop button to select the OFF mode. -

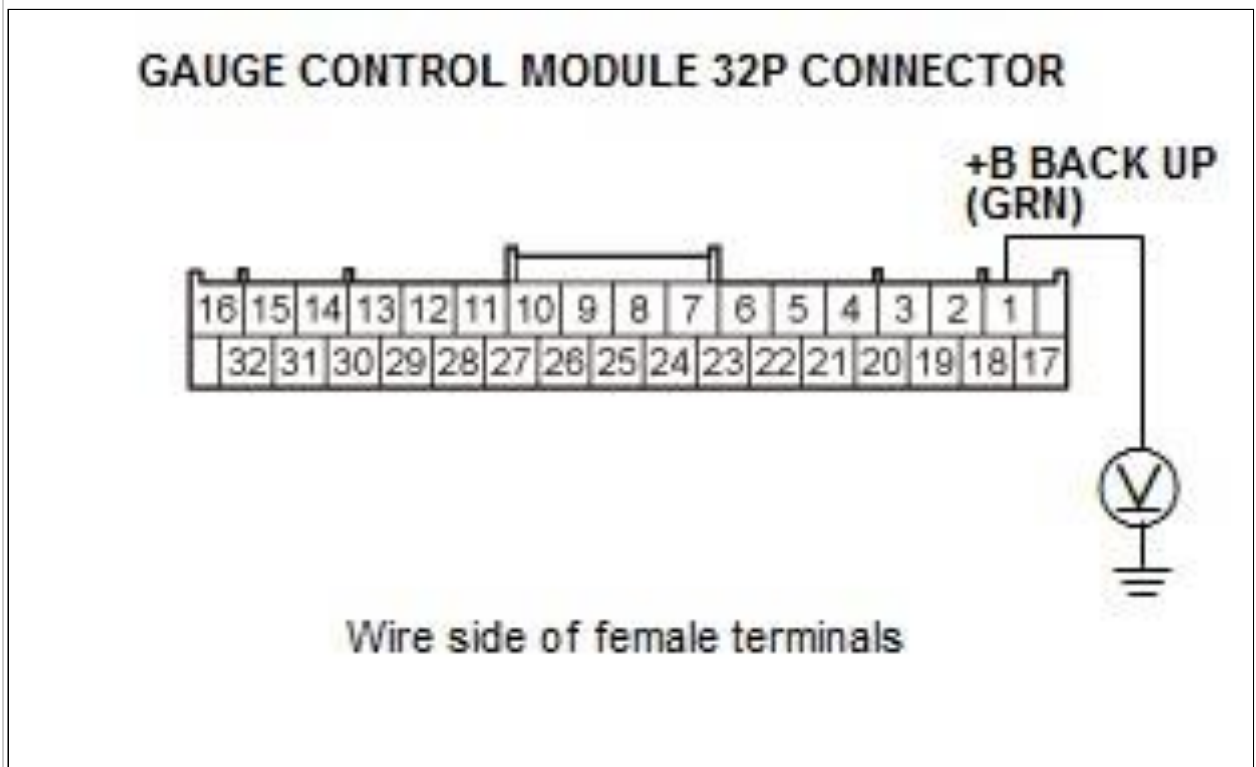
2. Disconnect the following connector.

Gauge control module 32P connector

- 3. Measure the voltage between test points 1 and 2.

Test condition	OFF mode Gauge control module 32P connector: disconnected
Test circuit	+B BACK UP
Test point 1	Gauge control module 32P connector No. 1 (GRN)

Test point 2	Body ground
--------------	-------------



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

The +B BACK UP wire is OK. Go to step 5.

NO

Repair an open or high resistance in the wire.

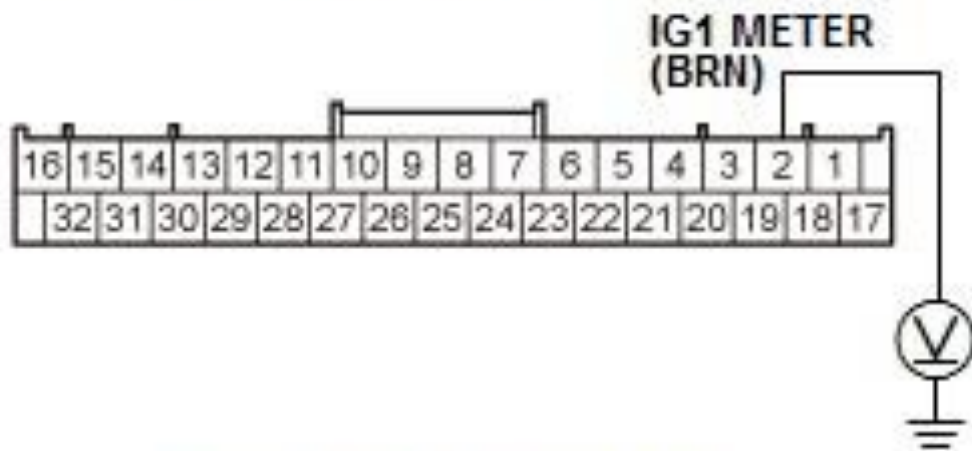
5. Open wire check (IG1 METER line):

Press the engine start/stop button to select the ON mode. -

2. Measure the voltage between test points 1 and 2.

Test condition	ON modeGauge control module 32P connector: disconnected
Test circuit	IG1 METER
Test point 1	Gauge control module 32P connector No. 2 (BRN)
Test point 2	Body ground

GAUGE CONTROL MODULE 32P CONNECTOR



Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

The IG1 METER wire is OK. Go to step 6.

NO

Repair an open or high resistance in the wire.

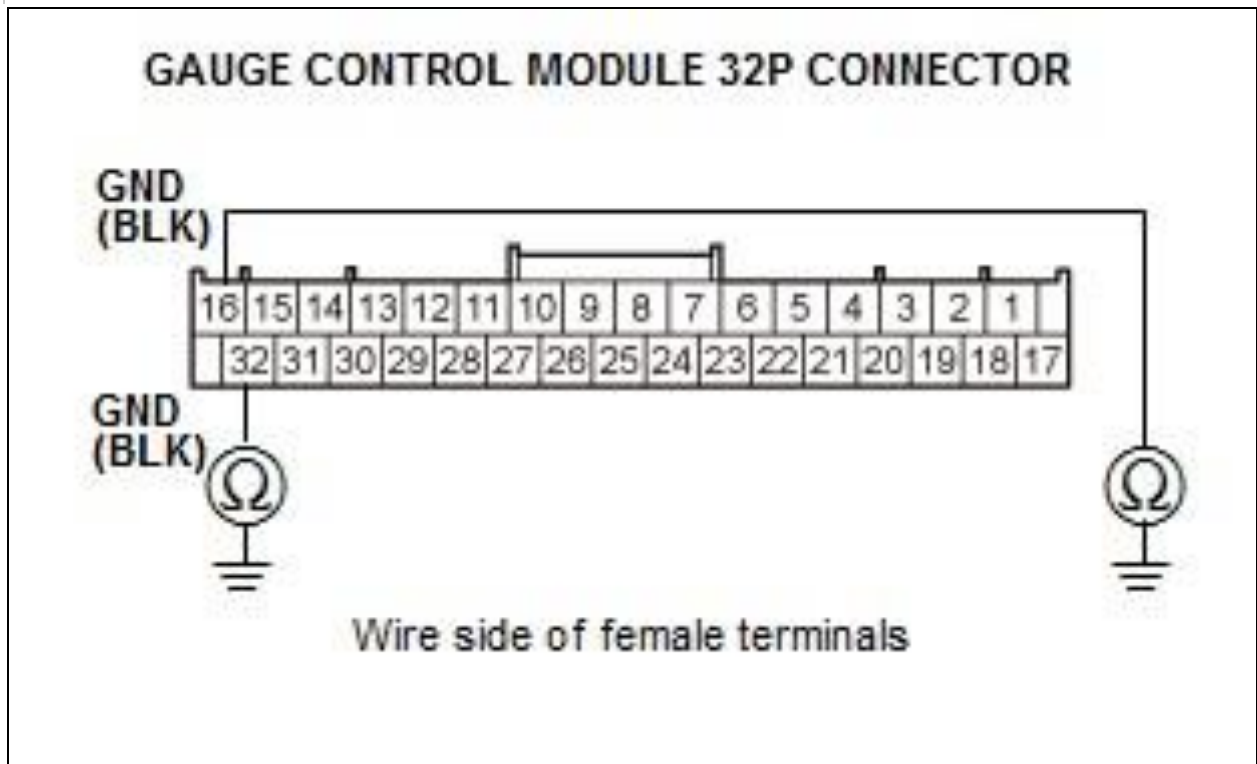
6. Open wire check (GND lines):

Press the engine start/stop button to select the OFF mode.

- 2. Check for continuity between test points 1 and 2 individually.

Test condition	OFF mode Gauge control module 32P connector: disconnected
Test circuit	GND
Test point 1	Gauge control module 32P connector No. 16 (BLK)

Test point 2	Body ground
Test circuit	GND
Test point 1	Gauge control module 32P connector No. 32 (BLK)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

The GND wires are OK. Go to step 7.

NO

Repair an open or high resistance in the ground wire or poor ground (G502).

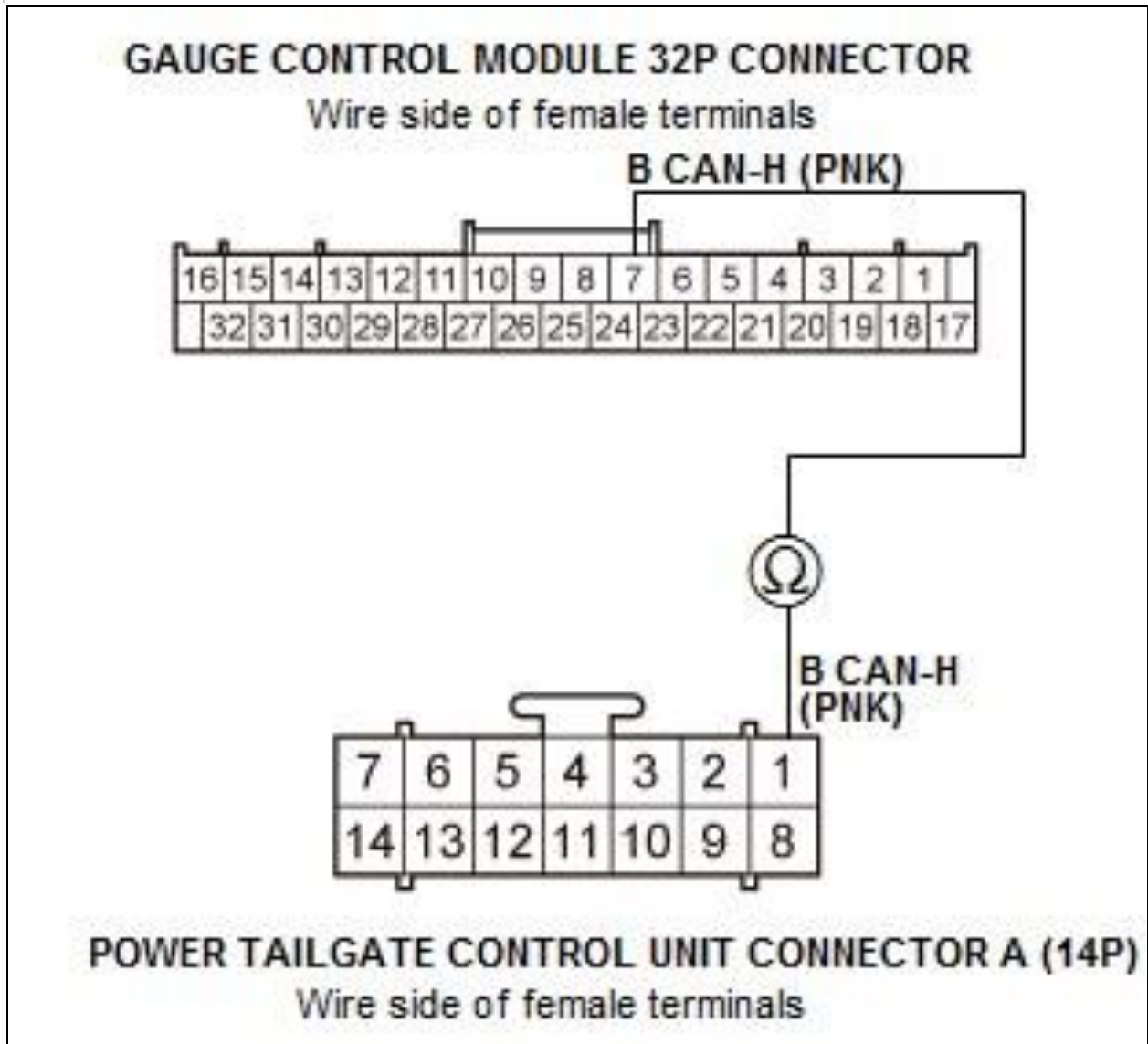
7. Open wire check (B CAN lines):

Disconnect the following connector.

Power tailgate control unit connector A (14P)

- 2. Check for continuity between test points 1 and 2.

Test condition	OFF mode Gauge control module 32P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H
Test point 1	Gauge control module 32P connector No. 7 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

An open or poor connection in the B CAN-L wire between the gauge control module and the power tailgate control unit.

NO

An open or poor connection in the B CAN-H wire between the gauge control module and the power tailgate control unit.

8. Open wire check (B CAN lines):

Press the engine start/stop button to select the OFF mode. -

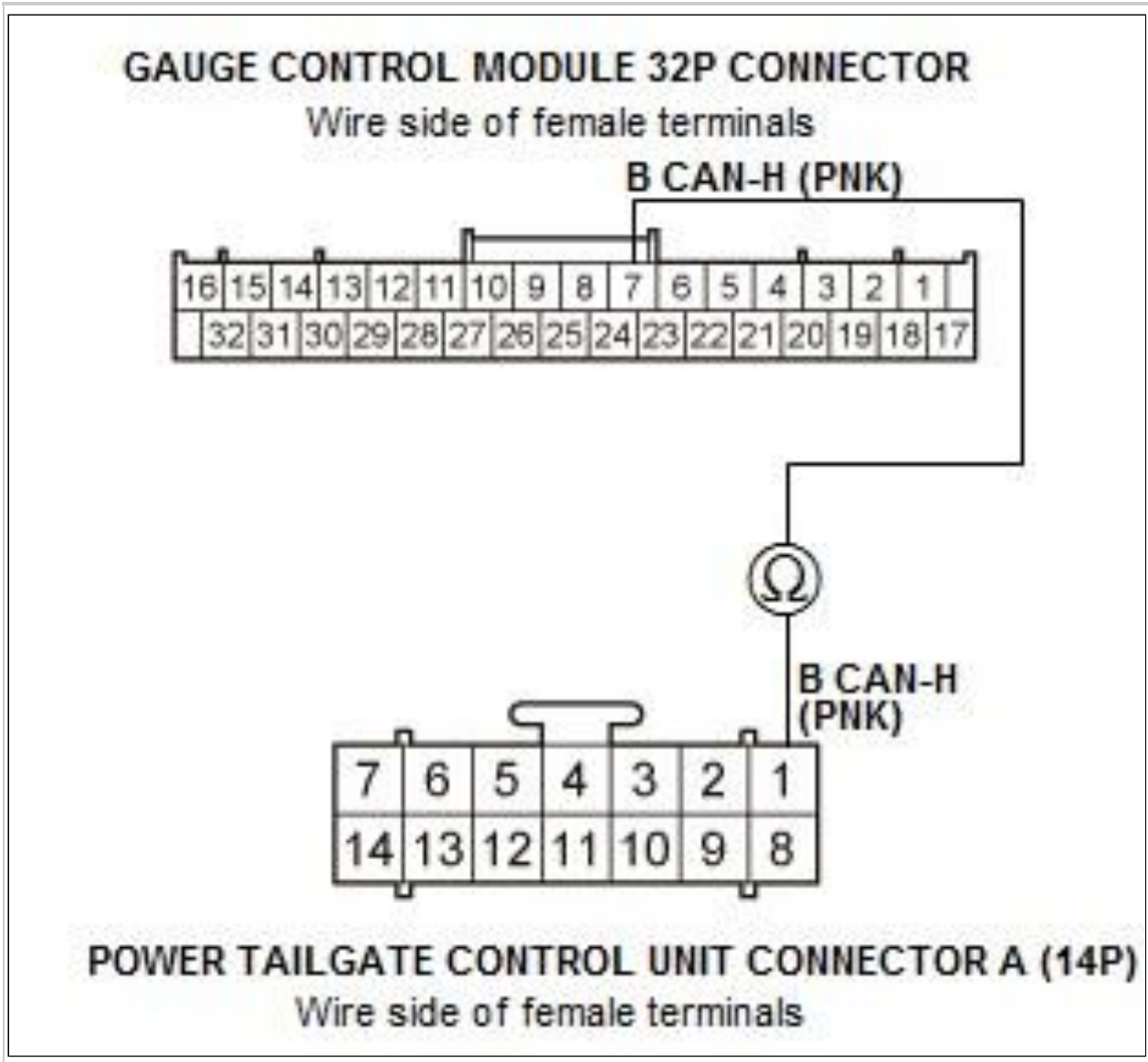
2. Disconnect the following connectors.

Gauge control module 32P connector

Power tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Test condition	OFF mode Gauge control module 32P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H
Test point 1	Gauge control module 32P connector No. 7 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)



Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

An open or poor connection in the B CAN-L wire between the gauge control module and the power tailgate control unit.

NO

An open or poor connection in the B CAN-H wire between the gauge control module and the power tailgate control unit.

DTC TROUBLESHOOTING > DTC U128D: POWER TAILGATE CONTROL UNIT LOST COMMUNICATION WITH GAUGE CONTROL MODULE (2016-18)

DTC Description	DTC
U128D Power Tailgate Control Unit Lost Communication With Gauge Control Module	

DTC (Power Tailgate Control Unit)

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in B-CAN System Diagnosis Test Mode A Refer to: Body Electrical Troubleshooting - B-CAN System Diagnosis Test Mode A - Initial Communication and DTC Checks (2016-18), .

1. Problem verification:

- 1. Clear the DTCs with the HDS.
- Clear DTCs
- 2. Press the engine start/stop button to select the OFF mode and then the ON mode.
- 3. Wait for at least 6 seconds.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
U128D Power Tailgate Control Unit Lost Communication With Gauge Control Module	

Is DTC U128D indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time. Check for loose or poor connections.

2. Determine possible failure area (gauge control module power and ground, B CAN line):

Select GAUGES from the BODY ELECTRICAL SYSTEM SELECT menu, and then select DATA LIST.

Does the DATA LIST appear?

YES

Go to step 6.

NO

Go to step 3.

3. Fuse check:

Check the following fuse.

Fuse	No. A29 (10 A)
Location	Under-hood fuse/relay box

Is the fuse OK?

YES

Go to step 4.

NO

Replace the fuse. If the fuse blows again, repair a short to ground in the No. A29 (10 A) fuse circuit.

4. Open wire check (+B BACK UP line):

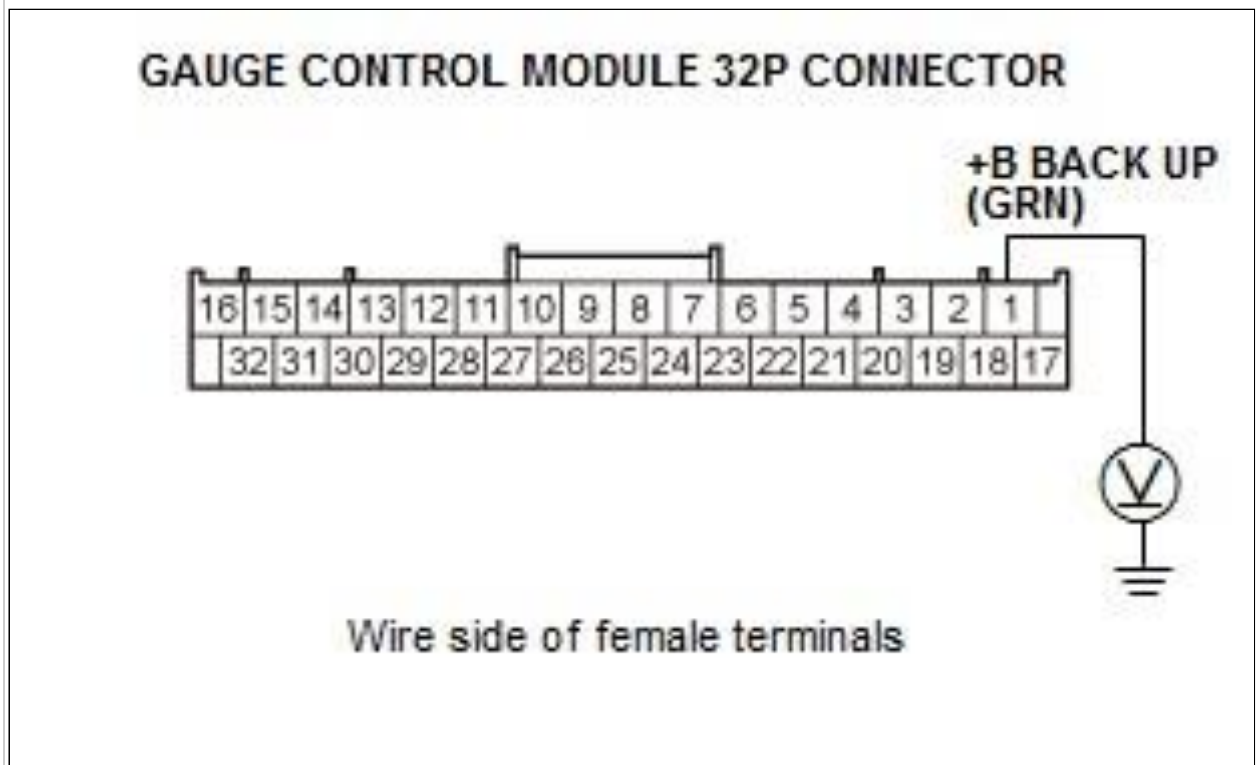
Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

Gauge control module 32P connector

- 3. Measure the voltage between test points 1 and 2.

Test condition	OFF modeGauge control module 32P connector: disconnected
Test circuit	+B BACK UP
Test point 1	Gauge control module 32P connector No. 1 (GRN)
Test point 2	Body ground



Courtesy of HONDA, U.S.A., INC.

Is there battery voltage?

YES

Repair an open or high resistance in the ground wire or poor ground (G502). **NO**

Repair an open or high resistance in the wire.

5. Open wire check (B CAN-H line):

Press the engine start/stop button to select the OFF mode. -

2. Disconnect the following connector.

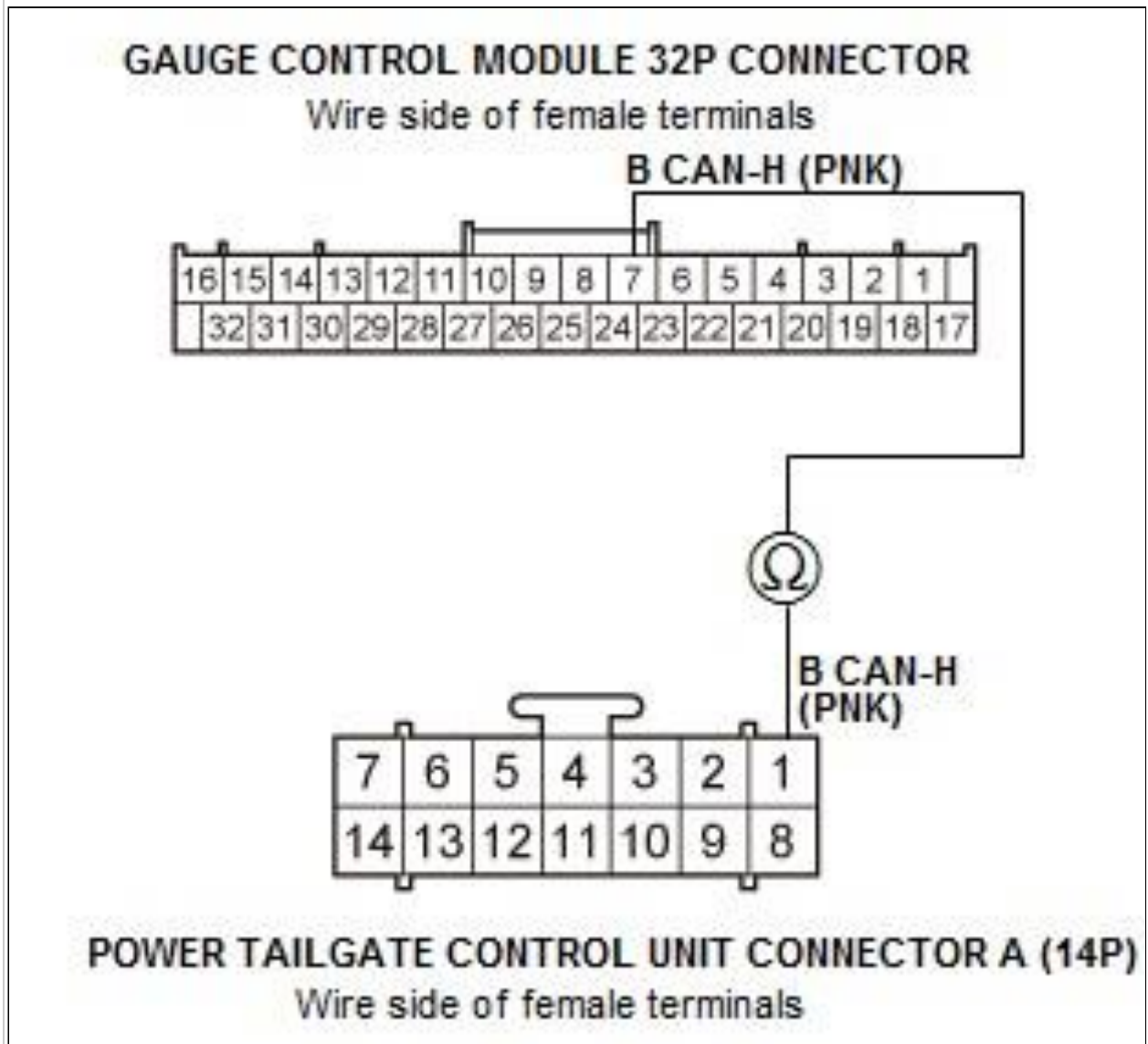
Gauge control module 32P connectorPower tailgate control unit connector A (14P)

- 3. Check for continuity between test points 1 and 2.

Without color multi-information display (MID)

Test condition	OFF modeGauge control module 32P connector: disconnectedPower tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H

Test point 1	Gauge control module 32P connector No. 7 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)



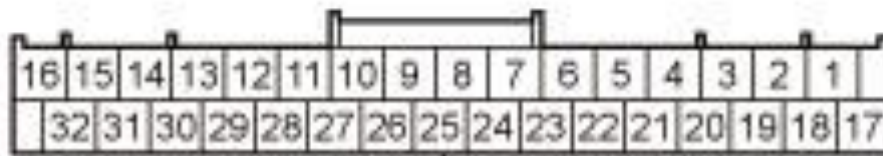
Courtesy of HONDA, U.S.A., INC.

With color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-H

Test point 1	Gauge control module 32P connector No. 25 (PNK)
Test point 2	Power tailgate control unit connector A (14P) No. 1 (PNK)

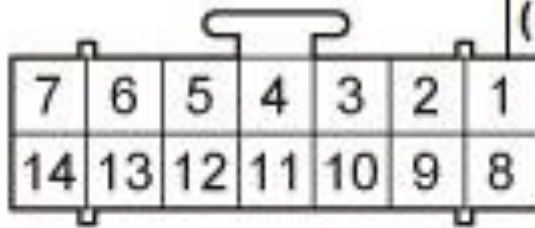
GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



**B CAN-H
(PNK)**



**B CAN-H
(PNK)**



POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)
Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

The B CAN-H wire is OK. Go to step 6.

NO

An open or poor connection in the B CAN-H wire between the gauge control module and the power tailgate control unit.

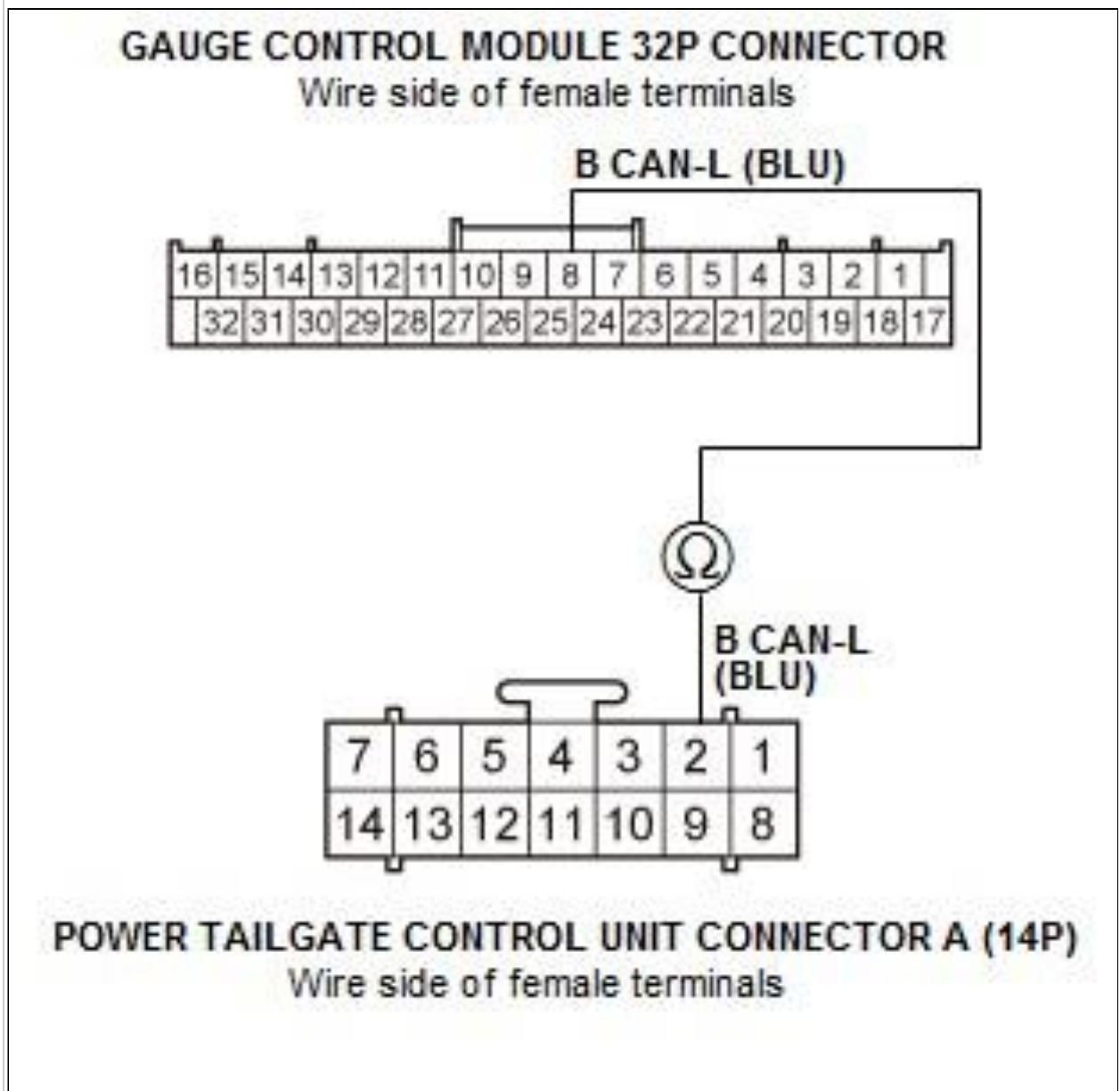
6. Open wire check (B CAN-L line):

Check for continuity between test points 1 and 2.

Without color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-L

Test point 1	Gauge control module 32P connector No. 8 (BLU)
Test point 2	Power tailgate control unit connector A (14P) No. 2 (BLU)

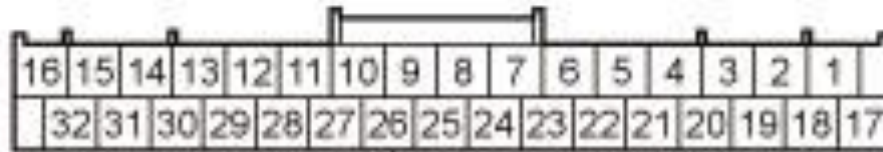


Courtesy of HONDA, U.S.A., INC.

With color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Power tailgate control unit connector A (14P): disconnected
Test circuit	B CAN-L
Test point 1	Gauge control module 32P connector No. 26 (BLU)
Test point 2	Power tailgate control unit connector A (14P) No. 2 (BLU)

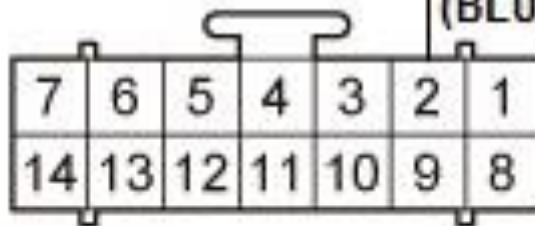
GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



**B CAN-L
(BLU)**



**B CAN-L
(BLU)**



POWER TAILGATE CONTROL UNIT CONNECTOR A (14P)
Wire side of female terminals

Courtesy of HONDA, U.S.A., INC.

Is there continuity?

YES

The B CAN-L wire is OK. Replace the power tailgate control unit .

NO

An open or poor connection in the B CAN-L wire between the gauge control module and the power tailgate control unit.