

DTC TROUBLESHOOTING > DTC B1601: KEYLESS ACCESS ECU CPU ERROR (2013-15)

DTC Description	DTC
B1601 Keyless Access ECU CPU Error	

DTC (Keyless Access Control Unit)

1. Problem verification:

Do the battery terminal disconnection procedure .

- 2. Wait for at least 10 seconds to clear the DTCs.
- 3. Do the battery terminal reconnection procedure .
- 4. Push the door outer handle door lock button to lock the door.
- 5. Touch the door outer handle touch sensor to unlock the door.
- 6. Connect the HDS to the data link connector (DLC) - Refer to: How to Troubleshoot the Fuel and Emissions Systems (2013-15), or How to Troubleshoot the A/T System (2013-15) .
- 7. Press the engine start/stop button to select the ON mode according to the instructions on the HDSscreen.
- 8. Check for DTCs with the HDS.

DTC Description	DTC
B1601 Keyless Access ECU CPU Error	

Is DTC B1601 indicated?

YES

Replace the keyless access control unit .

NO

Intermittent failure, the system is OK at this time.

DTC TROUBLESHOOTING > DTC B1601: KEYLESS ACCESS CONTROL UNIT INTERNAL (CPU) ERROR (2016-18)

DTC Description	DTC
B1601 Keyless Access Control Unit Internal (CPU) Error	

DTC (Keyless Access Control Unit)

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 ON mode. -
- 3. Check for DTCs with the HDS.

DTC Description	DTC
B1601 Keyless Access Control Unit Internal (CPU) Error	

Is DTC B1601 indicated?

YES

Replace the keyless access/TPMS control unit .

NO

Intermittent failure, the system is OK at this time.

DTC TROUBLESHOOTING > DTC B1602: KEYLESS ACCESS CONTROL UNIT INTERNAL (EEPROM) ERROR (2013-15)

DTC Description	DTC
B1602 Keyless Access Control Unit Internal (EEPROM) Error	

DTC (Keyless Access Control Unit)

1. Problem verification:

Do the battery terminal disconnection procedure .

- 2. Wait for at least 10 seconds to clear the DTCs.
- 3. Do the battery terminal reconnection procedure .
- 4. Push the door outer handle door lock button to lock the door.
- 5. Touch the door outer handle touch sensor to unlock the door.
- 6. Connect the HDS to the data link connector (DLC) - Refer to: How to Troubleshoot the Fuel and Emissions Systems (2013-15), or How to Troubleshoot the A/T System (2013-15) .
- 7. Press the engine start/stop button to select the ON mode according to the instructions on the HDSscreen.
- 8. Check for DTCs with the HDS.

DTC Description	DTC
B1602 Keyless Access Control Unit Internal (EEPROM) Error	

Is DTC B1602 indicated?

YES

Replace the keyless access control unit .

NO

Intermittent failure, the system is OK at this time.

DTC TROUBLESHOOTING > DTC B1602: KEYLESS ACCESS CONTROL UNIT INTERNAL (EEPROM) ERROR (2016-18)

DTC Troubleshooting: B1602

DTC Description	DTC
B1602 Keyless Access Control Unit Internal (EEPROM) Error	

DTC (Keyless Access Control Unit)

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 ON mode. -
- 3. Check for DTCs with the HDS.

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

B1602 Keyless Access Control Unit Internal (EEPROM) Error	
-----------------------------------------------------------	--

Is DTC B1602 indicated?

YES

Replace the keyless access/TPMS control unit .

NO

Intermittent failure, the system is OK at this time.

DTC TROUBLESHOOTING > DTC B1627: RF1 UNIT DISCONNECTED (2016-18)

DTC Description	DTC
B1627 RF1 UNIT DISCONNECTED	

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), .

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Check for DTCs with the HDS.

DTC Description	DTC
B1627 RF1 UNIT DISCONNECTED	

Is DTC B1627 indicated?

YES

Go to step 2.

NO

Intermittent failure, the system is OK at this time.

Shorted wire check (RF VCC2, RF GND2, RF RXD2 lines):

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

- 2. Disconnect the following connectors.

2.

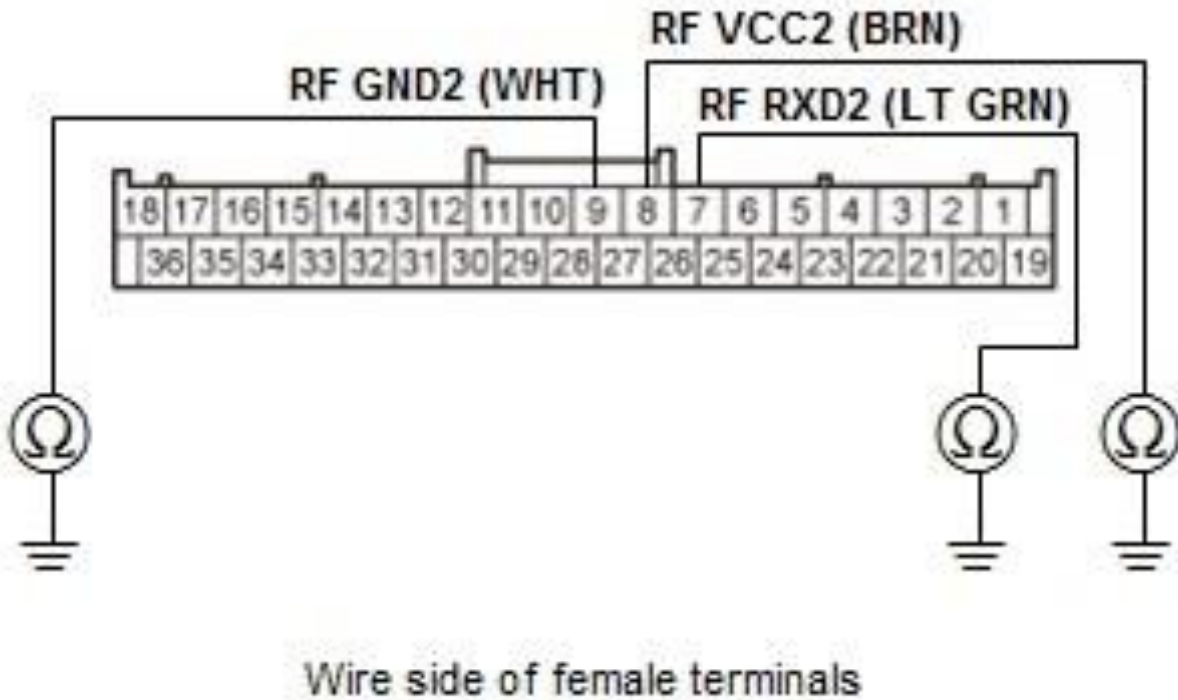
Keyless access/TPMS control unit connector B (36P)

2-way transceiver 3P connector

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

Test condition	OFF mode Keyless access/TPMS control unit connector B (36P): disconnected 2way transceiver 3P connector: disconnected
Test circuit	RF VCC2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 8 (BRN)
Test point 2	Body ground
Test circuit	RF GND2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 9 (WHT)
Test point 2	Body ground
Test circuit	RF RXD2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 7 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR B (36P)



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

Is there continuity?

YES

Repair a short to ground in the wire.

NO

The RF VCC2, RF GND2, and RF RXD2 wires are not shorted. Go to step 3.

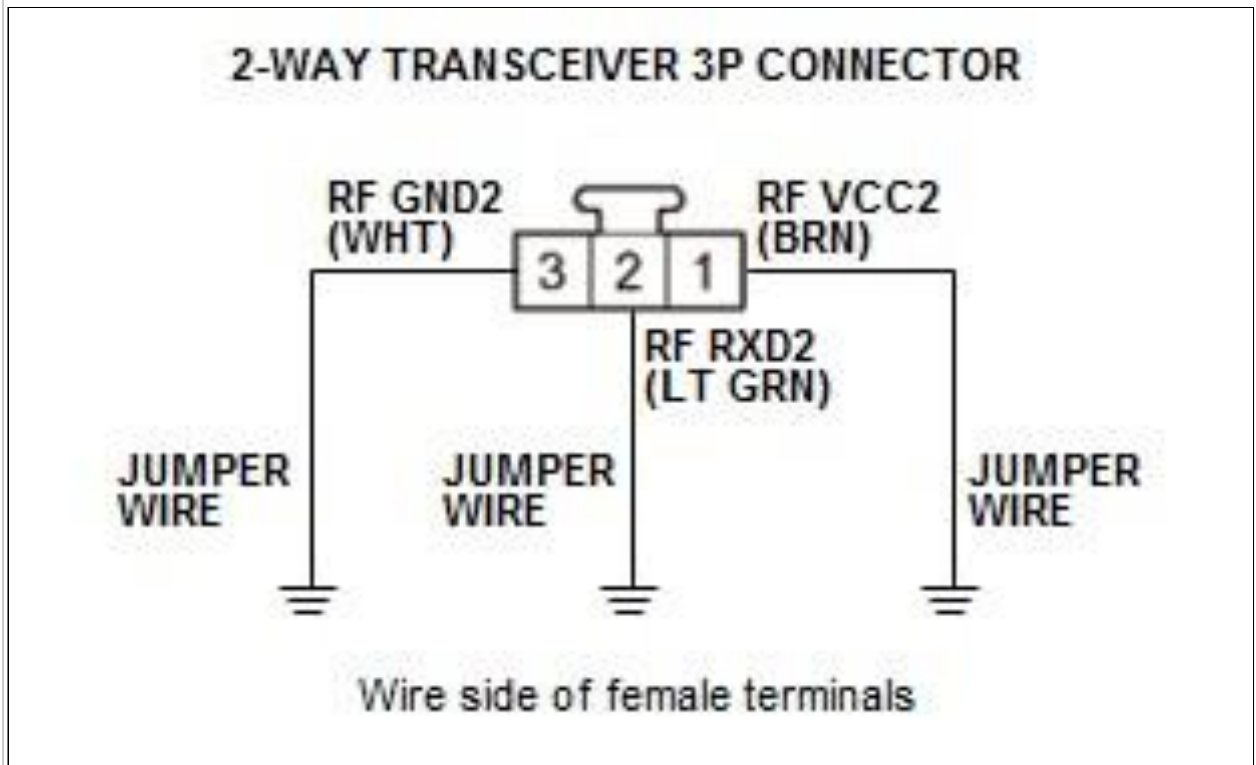
3. Open wire check (RF VCC2, RF GND2, RF RXD2 lines): Connect terminals A and B with a jumper wire.

Terminal A	2-way transceiver 3P connector No. 1 (BRN)
Terminal B	Body ground

Terminal A	2-way transceiver 3P connector No. 3 (WHT)
Terminal B	Body ground

Terminal A	2-way transceiver 3P connector No. 2 (LT GRN)
------------	-----------------------------------------------

Terminal B	Body ground
------------	-------------

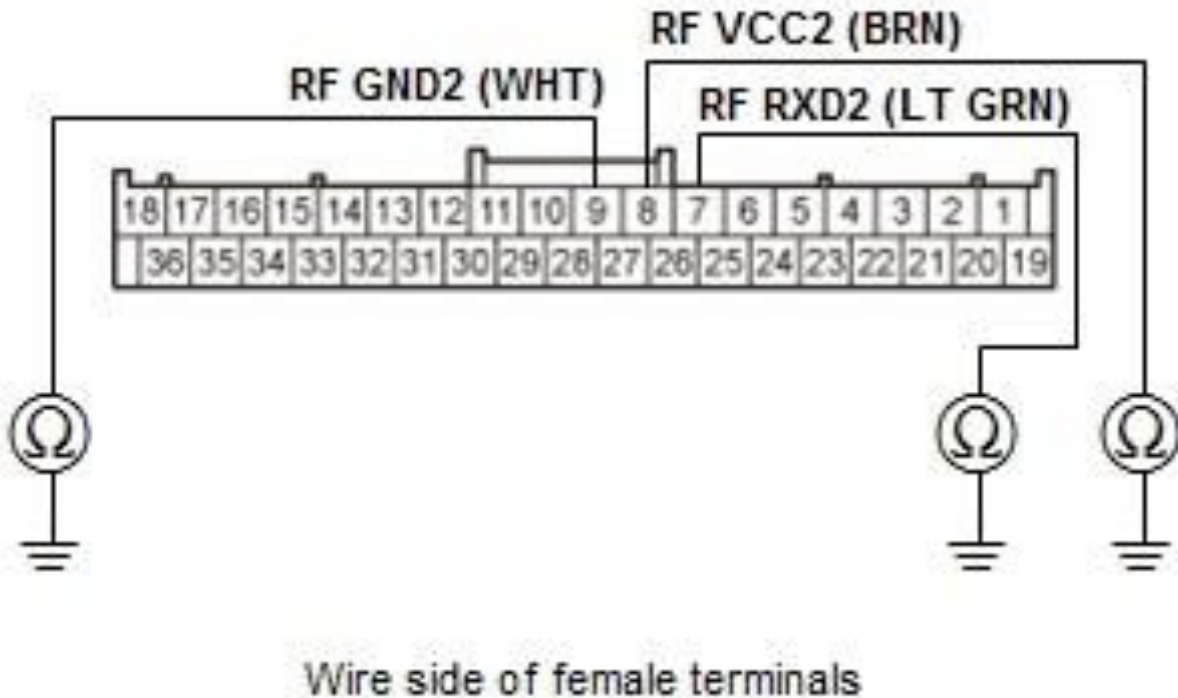


Courtesy of HONDA, U.S.A., INC.

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

Test condition	OFF modeKeyless access/TPMS control unit connector B (36P): disconnected2way transceiver 3P connector: disconnected
Test circuit	RF VCC2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 8 (BRN)
Test point 2	Body ground
Test circuit	RF GND2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 9 (WHT)
Test point 2	Body ground
Test circuit	RF RXD2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 7 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR B (36P)



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

Is there continuity?

YES

The RF VCC2, RF GND2, and RF RXD2 wires are OK. Go to step 4.

NO

Repair an open or high resistance in the wire.

4. 2-way transceiver check (substitution):

Substitute a known good 2-way transceiver . -

2. Reconnect the following connectors.

Keyless access/TPMS control unit connector B (36P)

2-way transceiver 3P connector

- 3. Clear the DTCs with the HDS.

Clear DTCs

- 4. Select KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter SELF CHECK.

- 5. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Check for DTCs with the HDS.

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

B1627 RF1 UNIT DISCONNECTED	
-----------------------------	--

Is DTC B1627 indicated?

YES

Replace the 2-way transceiver antenna .

NO

Replace the original 2-way transceiver .

DTC TROUBLESHOOTING > DTC B1632: MTR CONT SIGNAL ERROR (2013-18)

DTC Description	DTC
B1632 MTR CONT Signal Error	

DTC (Keyless Access Control Unit)

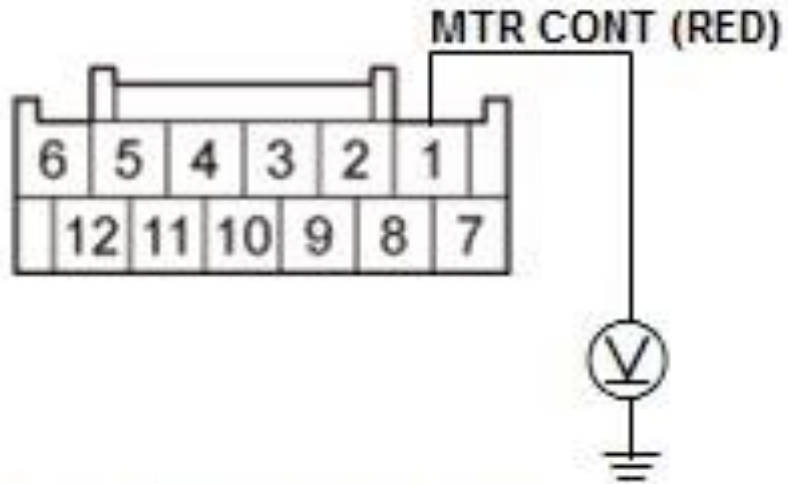
1. Electric steering lock MTR CONT line input check:
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connector.

Electric steering lock 12P connector

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

Test condition	OFF modeElectric steering lock 12P connector: disconnected
Test circuit	MTR CONT
Test point 1	Electric steering lock 12P connector No. 1 (RED)
Test point 2	Body ground

ELECTRIC STEERING LOCK 12P CONNECTOR



Wire side of female terminals

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

Is there battery voltage?

YES

Go to step 2.

NO

Go to step 4.

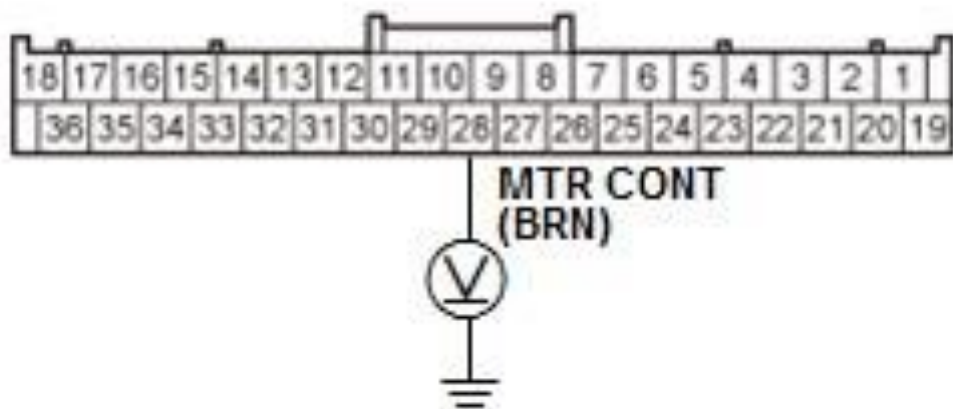
2. Determine possible failure area (keyless access control unit, others): Disconnect the following connector.

Keyless access control unit connector A (36P)

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

Test condition	OFF mode Electric steering lock 12P connector: disconnected Keyless access control unit connector A (36P): disconnected
Test circuit	MTR CONT
Test point 1	Keyless access control unit connector A (36P) No. 28 (RED)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



Wire side of female terminals

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

Is there battery voltage?

YES

Go to step 3.

NO

Replace the keyless access control unit .

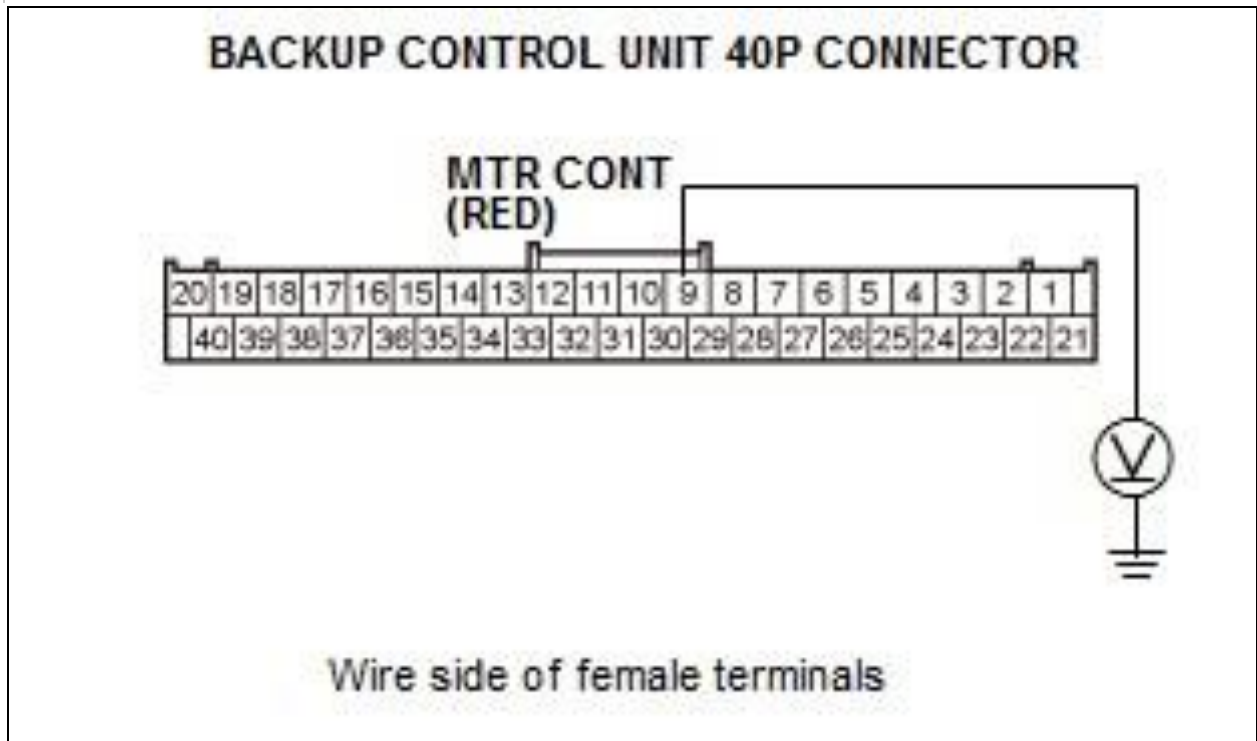
3. Shorted wire check (MTR CONT line): Disconnect the following connector.

Backup control unit 40P connector

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

Test condition	OFF mode Electric steering lock 12P connector: disconnected Keyless access control unit connector A (36P): disconnected Backup control unit 40P connector: disconnected
Test circuit	MTR CONT

Test point 1	Backup control unit 40P connector No. 9 (RED)
Test point 2	Body ground



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

Is there battery voltage?

YES

Repair a short to power in the wire.

NO

The MTR CONT wire is OK. Replace the backup control unit .

4. Electric steering lock MTR CONT line internal short to power check:

Reconnect the electric steering lock 12P connector. -

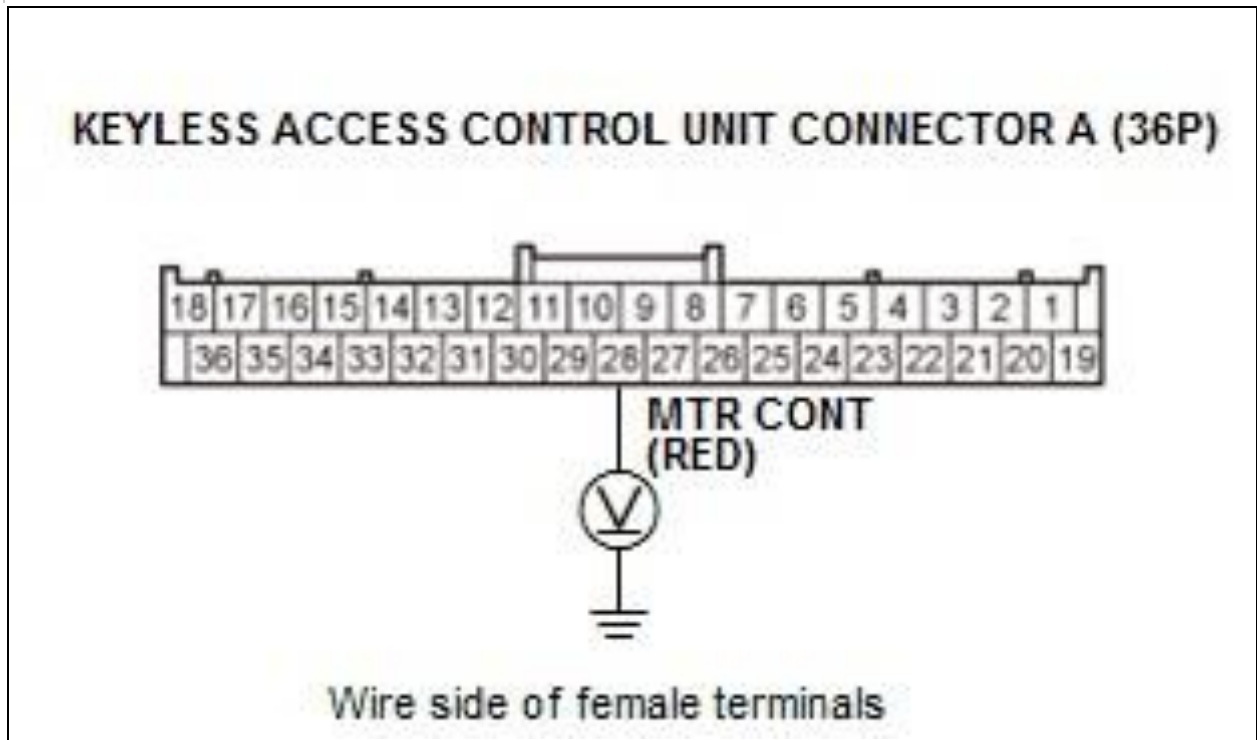
2. Disconnect the following connector.

Keyless access control unit connector A (36P)

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

Test condition	OFF modeKeyless access control unit connector A (36P): disconnected
Test circuit	MTR CONT

Test point 1	Keyless access control unit connector A (36P) No. 28 (RED)
Test point 2	Body ground



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

Is there battery voltage?

YES

Replace the electric steering lock .

NO

Go to step 5.

5. Problem verification:

Reconnect keyless access control unit connector A (36P).

- 2. Clear the DTCs with the HDS.

Clear DTCs

- 3. Do this procedure 10 times: Press the engine start/stop button to select the OFF, ACC, ON, and OFFmode.

- 4. Check for DTCs with the HDS.

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

B1632 MTR CONT Signal Error	
-----------------------------	--

Is DTC B1632 indicated?

YES

Go to step 7.

NO

Go to step 6.

6. Problem verification (with key touching the engine start/stop button):

With driver's power window open, and all the doors closed, press the engine start/stop button to select the OFF mode.

- 2. Remove all the keyless remotes from inside the vehicle by holding them outside of the open driver's window, at least 7.87 in (20 cm) from the vehicle.
- 3. Press the engine start/stop button. The MID will request the remote to touch the start/stop switch. The LED on the start/stop switch will flash after the first push, up to 30 seconds.
- 4. Touch the engine start/stop switch with the keyless remote. The buttons on the keyless remotes should be facing you. The LED on the start/stop switch will turn solid when detected.
- 5. Do this procedure 10 times: Press the engine start/stop button to select the OFF, ACC, ON, and OFF mode.
- 6. Check for DTCs with the HDS.

DTC Description	DTC
B1632 MTR CONT Signal Error	

Is DTC B1632 indicated?

YES

Go to step 7.

NO

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

7. Backup control unit check (substitution):

Substitute a known-good backup control unit. -

- 2. Check for DTCs with the HDS.

DTC Description	DTC
B1632 MTR CONT Signal Error	

Is DTC B1632 indicated?

YES

Go to step 8.

NO

Replace the original backup control unit .

8. Keyless access control unit check (substitution):

Substitute a known-good keyless access control unit. -

- 2. Check for DTCs with the HDS.

DTC Description	DTC
B1632 MTR CONT Signal Error	

Is DTC B1632 indicated?

YES

Replace the electric steering lock .

NO

Replace the original keyless access control unit .

DTC TROUBLESHOOTING > DTC B1640: RF UNIT NOT CONNECTED (2013-15)

DTC Description	DTC
B1640 RF Unit Not Connected	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1640 RF Unit Not Connected	

Is DTC B1640 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (RF GND, RF RXD1, RF VCC1 lines):

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

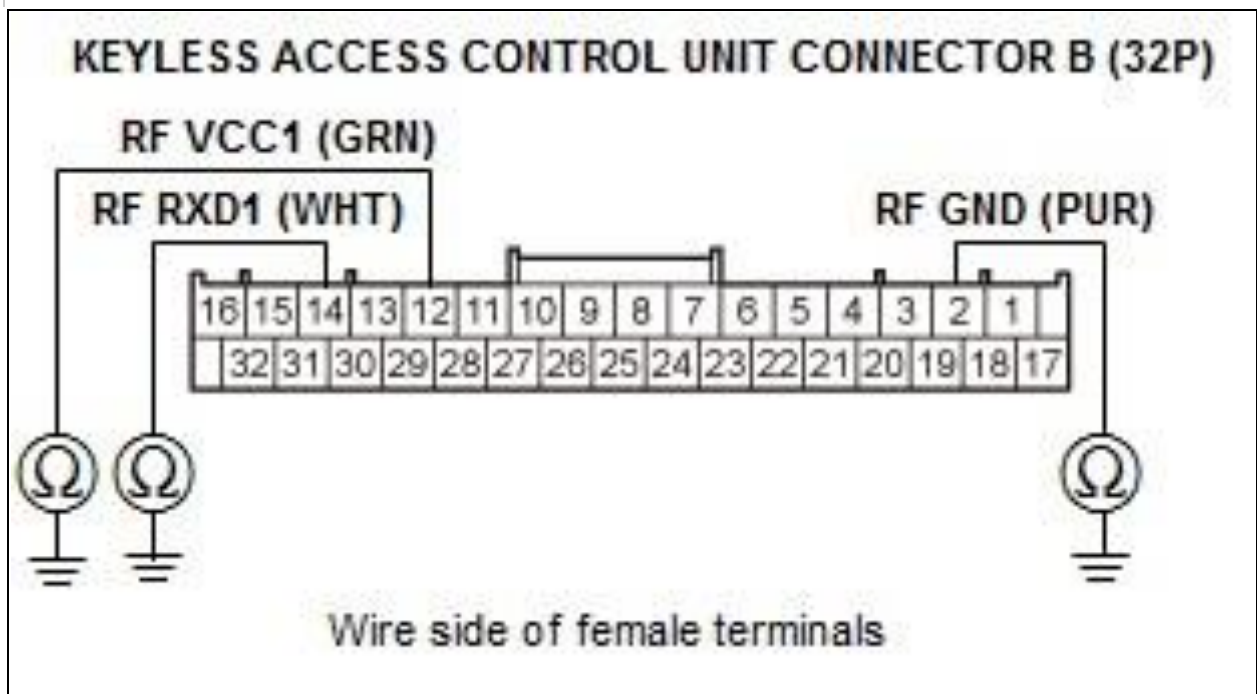
2. Disconnect the following connectors.

RF unit 3P connector
Keyless access control unit connector B (32P)

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

Test condition	OFF modeRF unit 3P connector: disconnectedKeyless access control unit connector B (32P): disconnected
Test circuit	RF GND
Test point 1	Keyless access control unit connector B (32P) No. 2 (PUR)
Test point 2	Body ground
Test circuit	RF RXD1
Test point 1	Keyless access control unit connector B (32P) No. 14 (WHT)
Test point 2	Body ground

Test circuit	RF VCC1
Test point 1	Keyless access control unit connector B (32P) No. 12 (GRN)
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

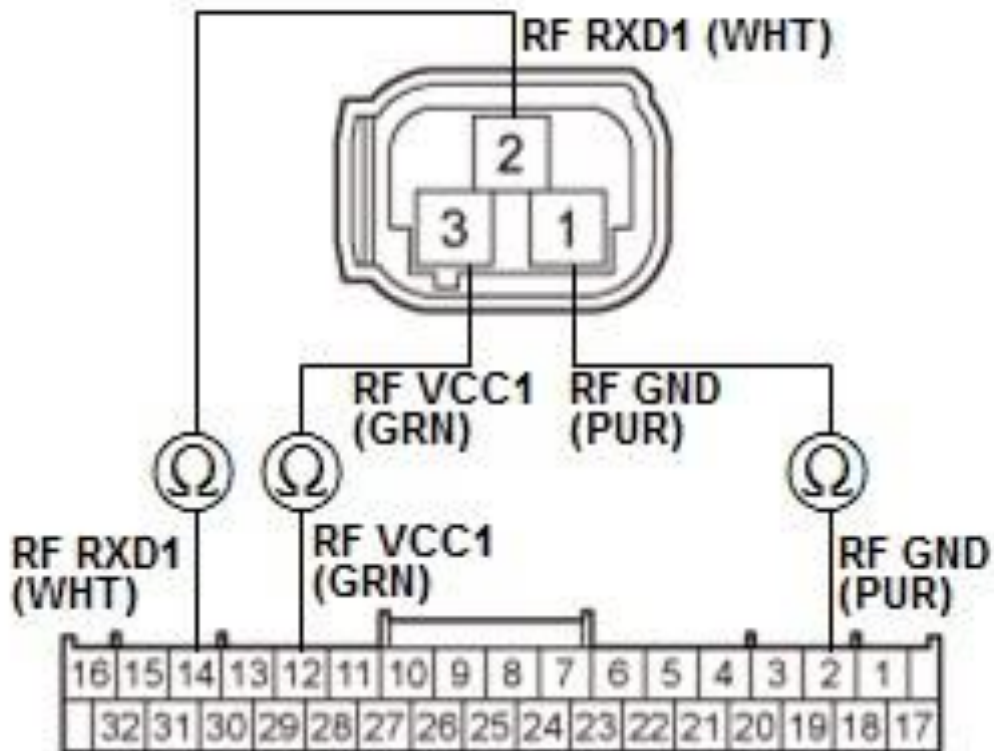
The RF GND, RF RXD1, and RF VCC1 wires are not shorted. Go to step 3.

- Open wire check (RF GND, RF RXD1, RF VCC1 lines): Check for continuity between test points 1 and 2.

Test condition	OFF modeRF unit 3P connector: disconnected Keyless access control unit connector B (32P): disconnected
Test circuit	RF GND

Test point 1	RF unit 3P connector No. 1 (PUR)
Test point 2	Keyless access control unit connector B (32P) No. 2 (PUR)
Test circuit	RF RXD1
Test point 1	RF unit 3P connector No. 2 (WHT)
Test point 2	Keyless access control unit connector B (32P) No. 14 (WHT)
Test circuit	RF VCC1
Test point 1	RF unit 3P connector No. 3 (GRN)
Test point 2	Keyless access control unit connector B (32P) No. 12 (GRN)

RF UNIT 3P CONNECTOR
Wire side of femal terminals



KEYLESS ACCESS CONTROL UNIT CONNECTOR B (32P)
Wire side of femal terminals

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

Is there continuity?

YES

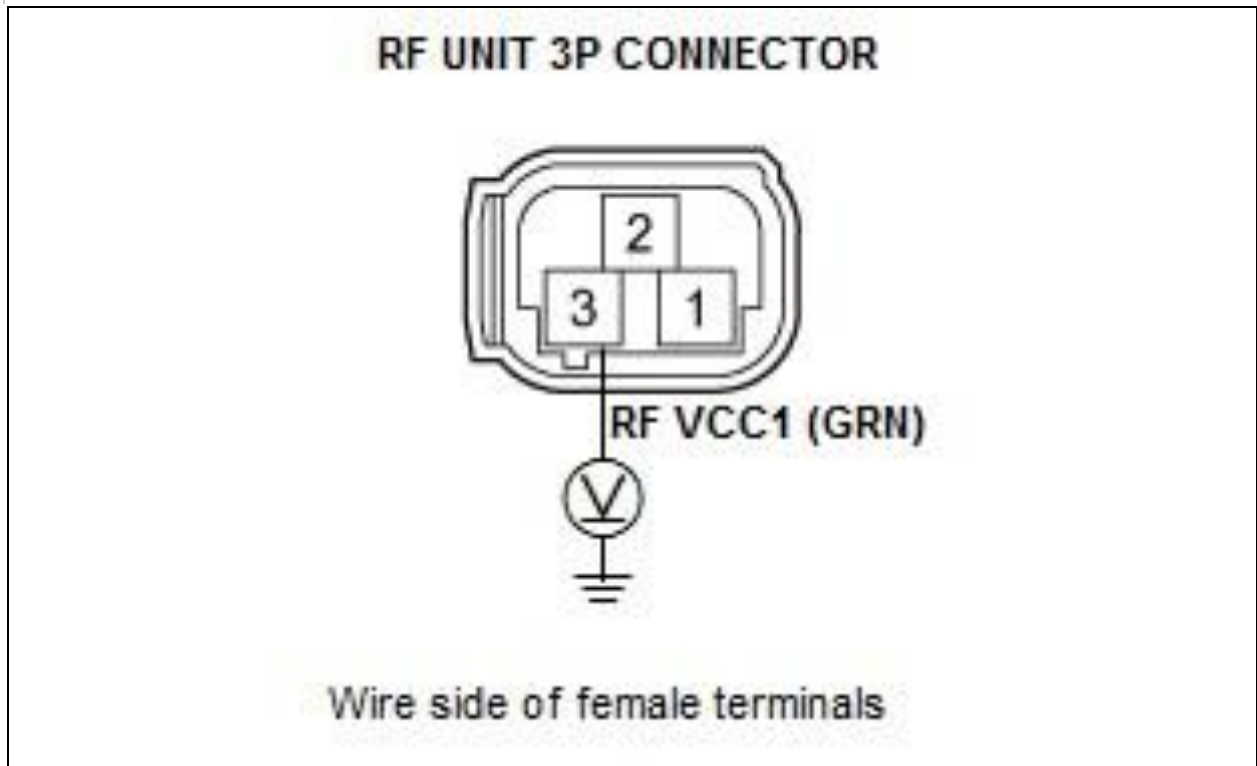
The RF GND, RF RXD1, and RF VCC1 wires are OK. Go to step 4.

NO

Repair an open or high resistance in the wire.

4. Keyless access control unit RF VCC1 line output check:
Reconnect keyless access control unit connector B (32P). -
2. Connect the voltmeter between test points 1 and 2.

Test point 1	RF unit 3P connector No. 3 (GRN)
Test point 2	Body ground



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

- 3. Select the FUNCTIONAL TESTS from the HDS, and do the RF1 RXVCC DRIVING.

One-Push - SMART KEY UNIT - FUNCTIONAL TESTS Does the voltage change from 0 to 5 V?

YES

Check for loose or poor connection. If the connection is OK, replace the RF unit .

NO

Check for loose or poor connection. If the connection is OK, replace the keyless access control unit .

DTC TROUBLESHOOTING > DTC B1640: RF UNIT NOT CONNECTED (2016-18)

DTC Description	DTC
B1640 RF Unit Not Connected	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Push the door outer handle door lock button to lock the door.
- 3. Touch the door outer handle touch sensor to unlock the door.- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1640 RF Unit Not Connected	

Is DTC B1640 indicated?

YES

Replace the keyless access/TPMS control unit .

NO

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

DTC TROUBLESHOOTING > DTC B1641: RF2 UNIT TRANSMITTER/RECEIVER CIRCUIT MALFUNCTION (2016-18)

DTC Description	DTC
B1641 RF2 unit transmitter/receiver circuit malfunction	

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), .

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1641 RF2 unit transmitter/receiver circuit malfunction	

Is DTC B1641 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (RF VCC2, RF GND2, RF RXD2 lines):

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

2. Disconnect the following connectors.

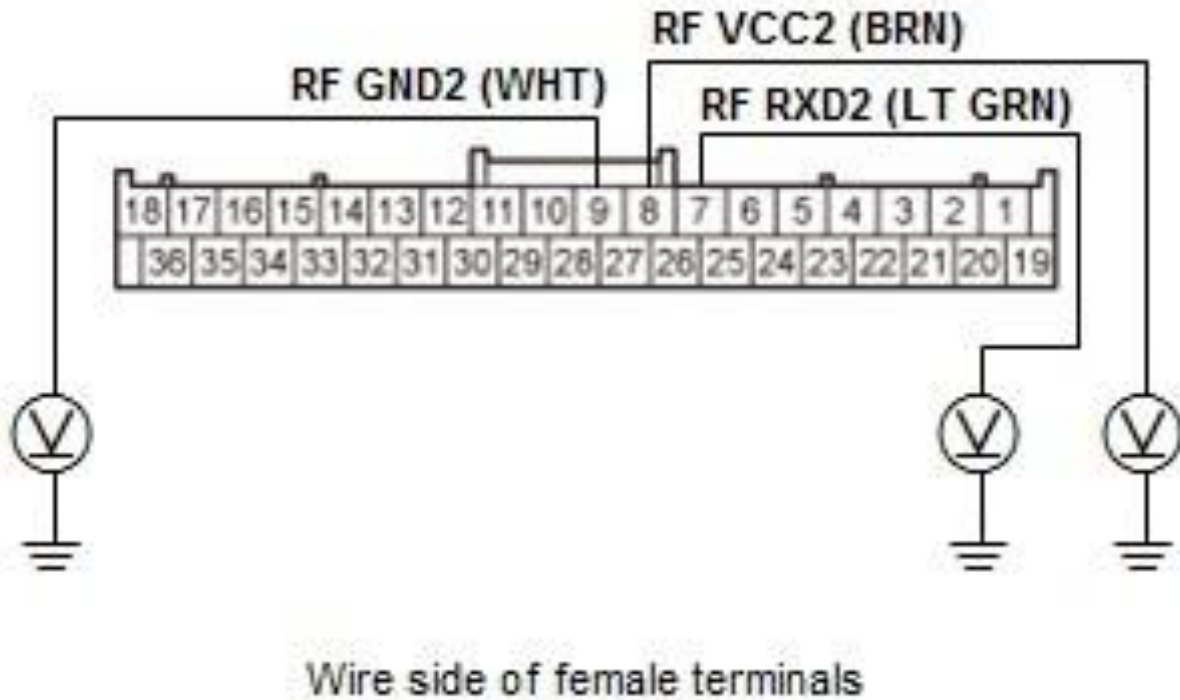
Keyless access/TPMS control unit connector B (36P)

2-way transceiver 3P connector

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

Test condition	OFF mode Keyless access/TPMS control unit connector B (36P): disconnected 2-way transceiver 3P connector: disconnected
Test circuit	RF VCC2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 8 (BRN)
Test point 2	Body ground
Test circuit	RF GND2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 9 (WHT)
Test point 2	Body ground
Test circuit	RF RXD2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 7 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR B (36P)



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

Is there continuity?

YES

Repair a short to ground in the wire.

NO

The RF VCC2, RF GND2, and RF RXD2 wires are not shorted. Go to step 3.

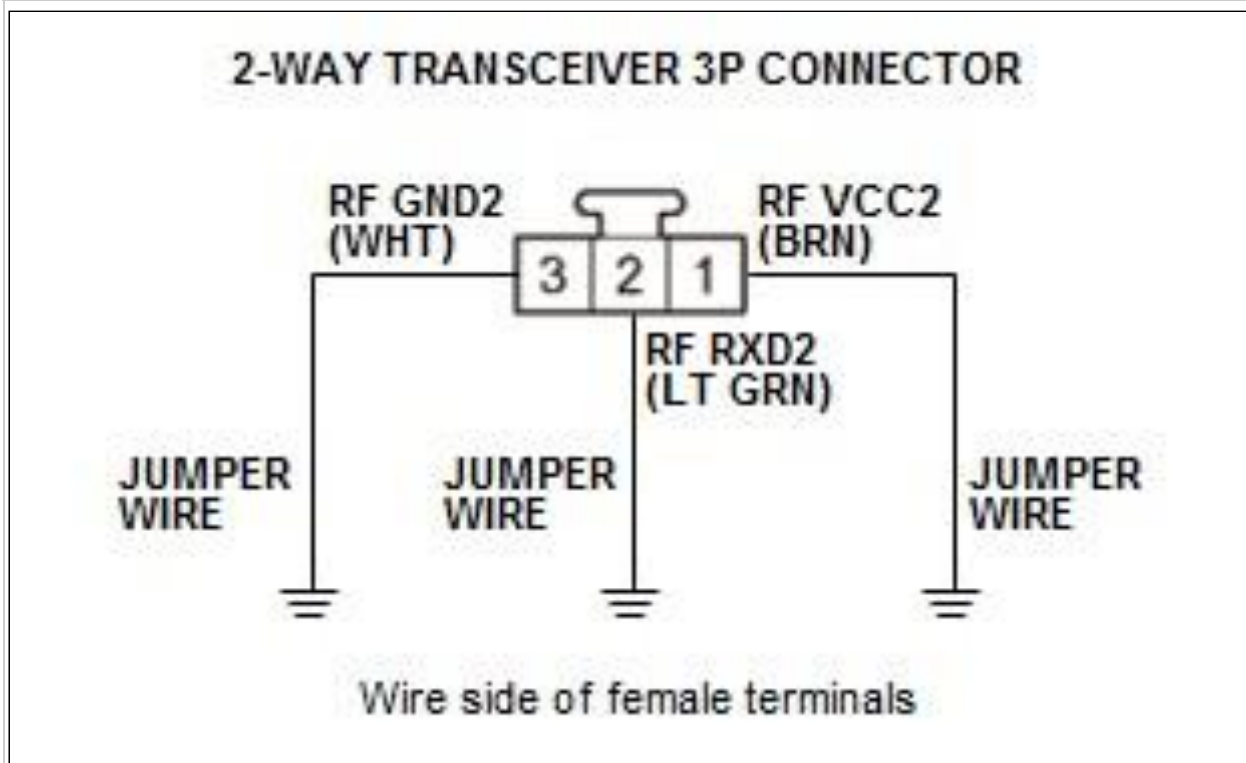
3. Open wire check (RF VCC2, RF GND2, RF RXD2 lines): Connect terminals A and B with a jumper wire.

Terminal A	2-way transceiver 3P connector No. 1 (BRN)
Terminal B	Body ground

Terminal A	2-way transceiver 3P connector No. 3 (WHT)
Terminal B	Body ground

Terminal A	2-way transceiver 3P connector No. 2 (LT GRN)
------------	-----------------------------------------------

Terminal B	Body ground
------------	-------------

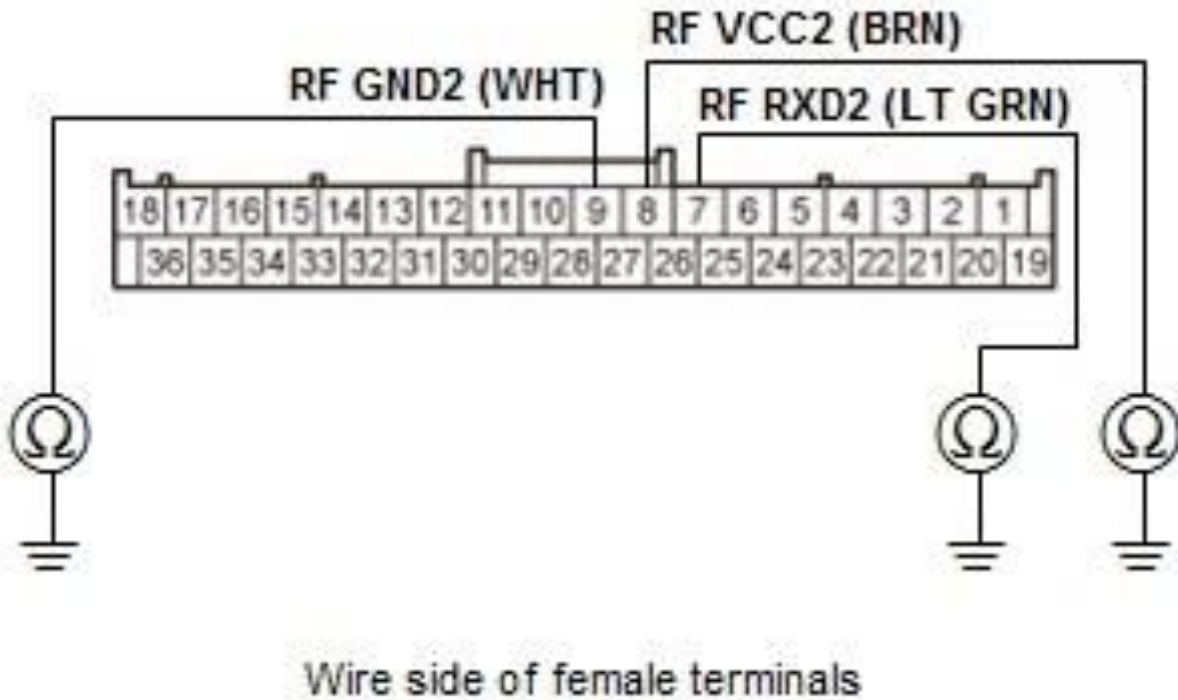


Courtesy of HONDA, U.S.A., INC.

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

Test condition	OFF modeKeyless access/TPMS control unit connector B (36P): disconnected2way transceiver 3P connector: disconnected
Test circuit	RF VCC2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 8 (BRN)
Test point 2	Body ground
Test circuit	RF GND2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 9 (WHT)
Test point 2	Body ground
Test circuit	RF RXD2
Test point 1	Keyless access/TPMS control unit connector B (36P) No. 7 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR B (36P)



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

Is there continuity?

YES

The RF VCC2, RF GND2, and RF RXD2 wires are OK. Go to step 4.

NO

Repair an open or high resistance in the wire.

4. Keyless access/TPMS control unit RF VCC2 line output check: Reconnect the following connector.

Keyless access/TPMS control unit connector B (36P)

- 2. Connect the voltmeter between test points 1 and 2.

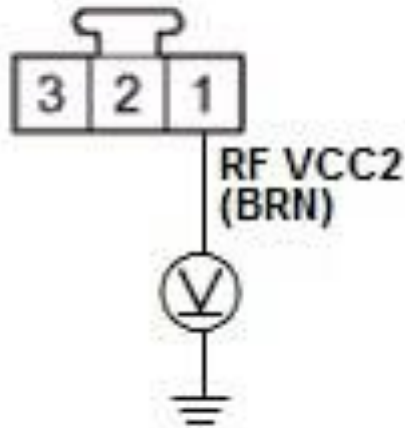
Test condition	OFF mode2-way transceiver 3P connector: disconnected
----------------	------------------------------------------------------

Test circuit	RF RXD2
--------------	---------

Test point 1	2-way transceiver 3P connector No. 1 (BRN)
--------------	--------------------------------------------

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

2-WAY TRANSCEIVER 3P CONNECTOR



Wire side of female terminals

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

- 3. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the FUNCTIONAL TESTS, and do the RF1 RXVCC DRIVING. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS the voltage change from about 0 V to battery voltage?

YES

Check for loose or poor connection. If the connection is OK, replace the 2-way transceiver .

NO

Check for loose or poor connection. If the connection is OK, replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1645: DRIVER'S DOOR LF ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1645 Driver's Door LF Antenna Circuit Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1645 Driver's Door LF Antenna Circuit Short	

Is DTC B1645 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT FR DR+, EXT FR DR- lines):

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

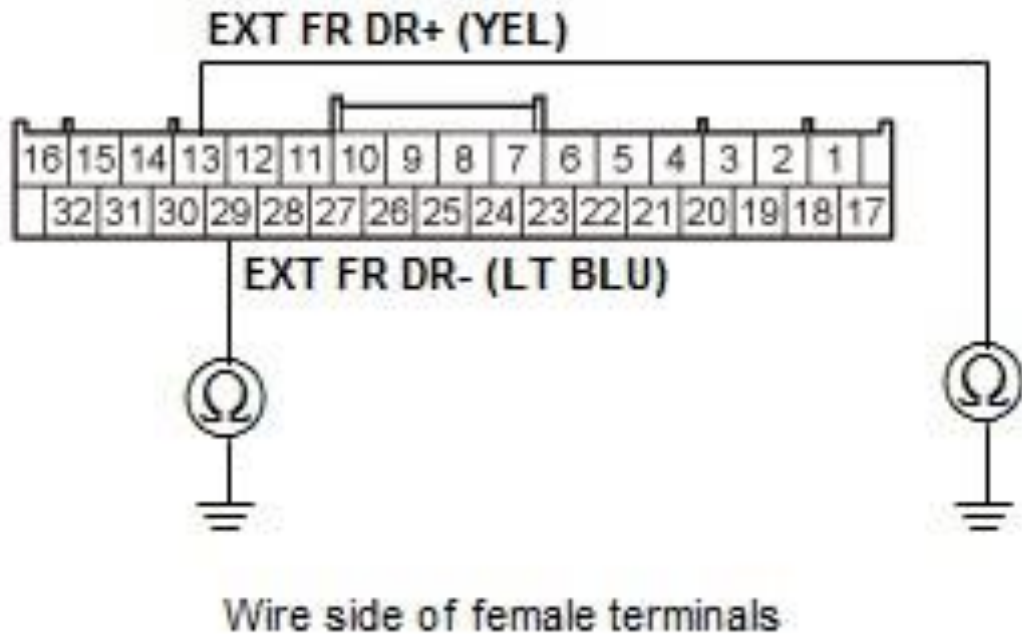
2. Disconnect the following connectors.

Keyless access/TPMS control unit connector A (32P)
Left-front LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Leftfront LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR DR+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 13 (YEL)
Test point 2	Body ground
Test circuit	EXT FR DR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 29 (LT BLU)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



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

Is there continuity?

YES

Repair a short to ground in the wire.

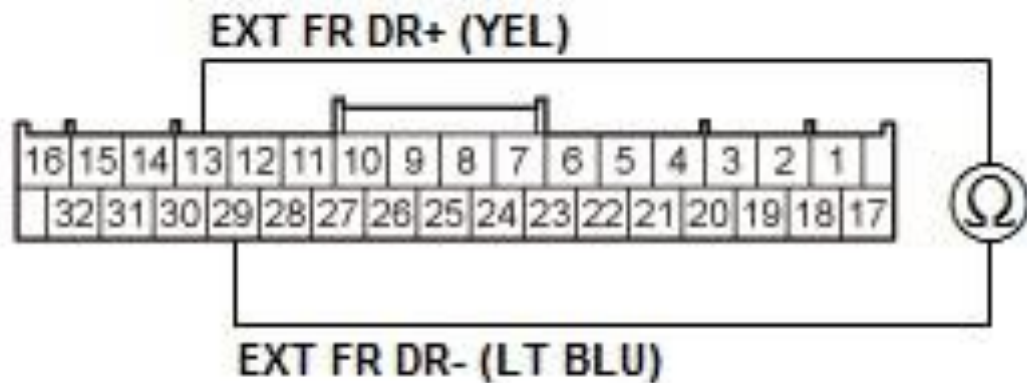
NO

The EXT FR DR+ and EXT FR DR- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT FR DR+ line to EXT FR DR- line): Check for continuity between test points 1 and 2.

Test condition	OFF modeKeyless access/TPMS control unit connector A (32P): disconnectedLeftfront LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 13 (YEL)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 29 (LT BLU)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short in EXT FR DR+ to EXT FR DR- wire.

NO

The EXT FR DR+ and EXT FR DR- wires are OK. Go to step 4.

4. Keyless access/TPMS control unit EXT FR DR+, EXT FR DR- line output check: Reconnect the following connector.

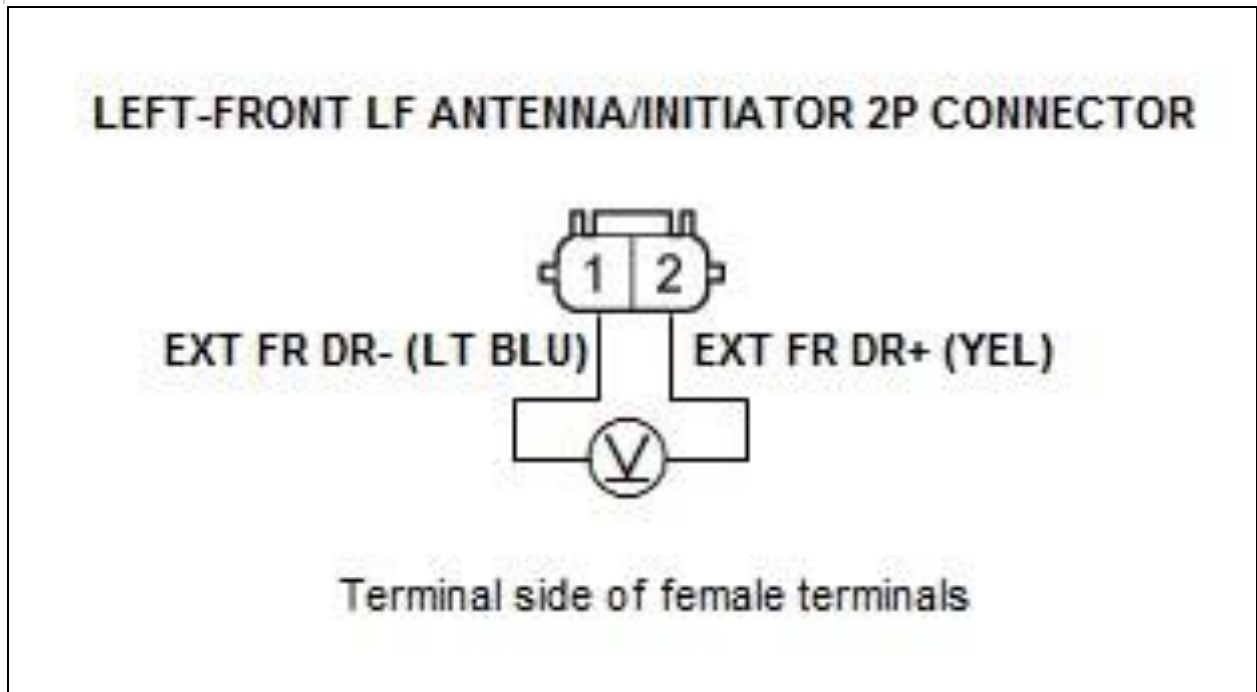
Keyless access/TPMS control unit connector A (32P)

- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with theHDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON modeLeft-front LF antenna/initiator 2P connector: disconnected
----------------	-------------------------------------------------------------------

Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Left-front LF antenna/initiator 2P connector No. 2 (YEL)
Test point 2	Left-front LF antenna/initiator 2P connector No. 1 (LT BLU)



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

- 5. Select DRIVER (DOOR) ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Replace the left-front LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1646: DRIVER DOOR ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1646 Driver Door Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1646 Driver Door Antenna Circuit Open or Short	

Is DTC B1646 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT FR DR+, EXT FR DR- lines):

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

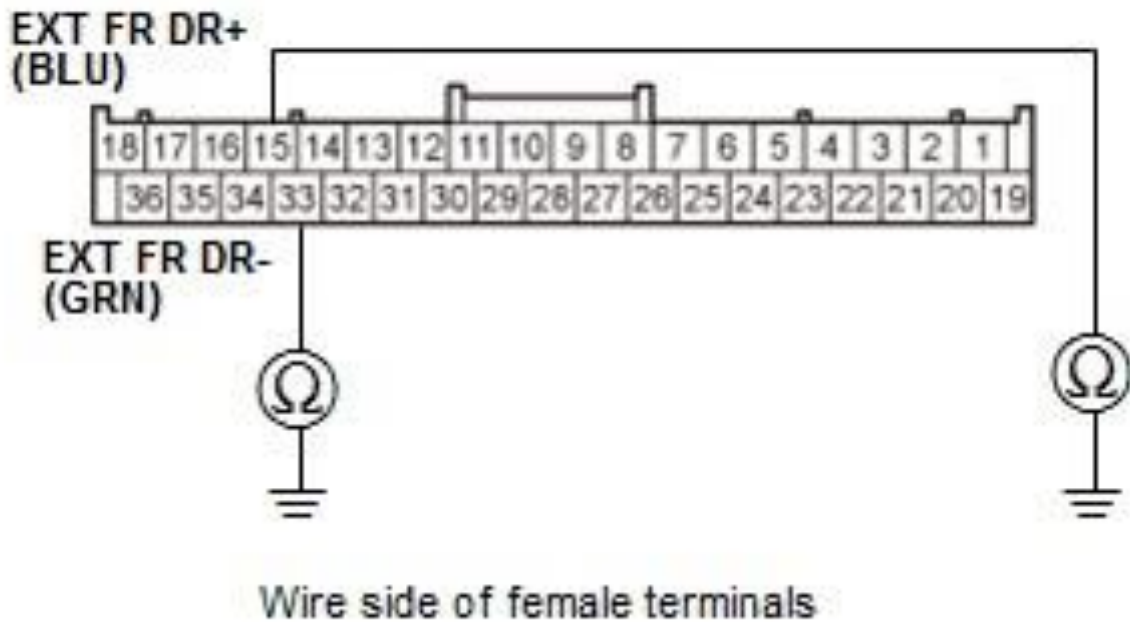
2. Disconnect the following connectors.

Keyless access control unit connector A (36P)
Driver's door outer handle 8P connector

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

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Driver's door outer handle 8P connector: disconnected
Test circuit	EXT FR DR+
Test point 1	Keyless access control unit connector A (36P) No. 15 (BLU)
Test point 2	Body ground
Test circuit	EXT FR DR-
Test point 1	Keyless access control unit connector A (36P) No. 33 (GRN)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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

Is there continuity?

YES

Repair a short to ground in the wire.

NO

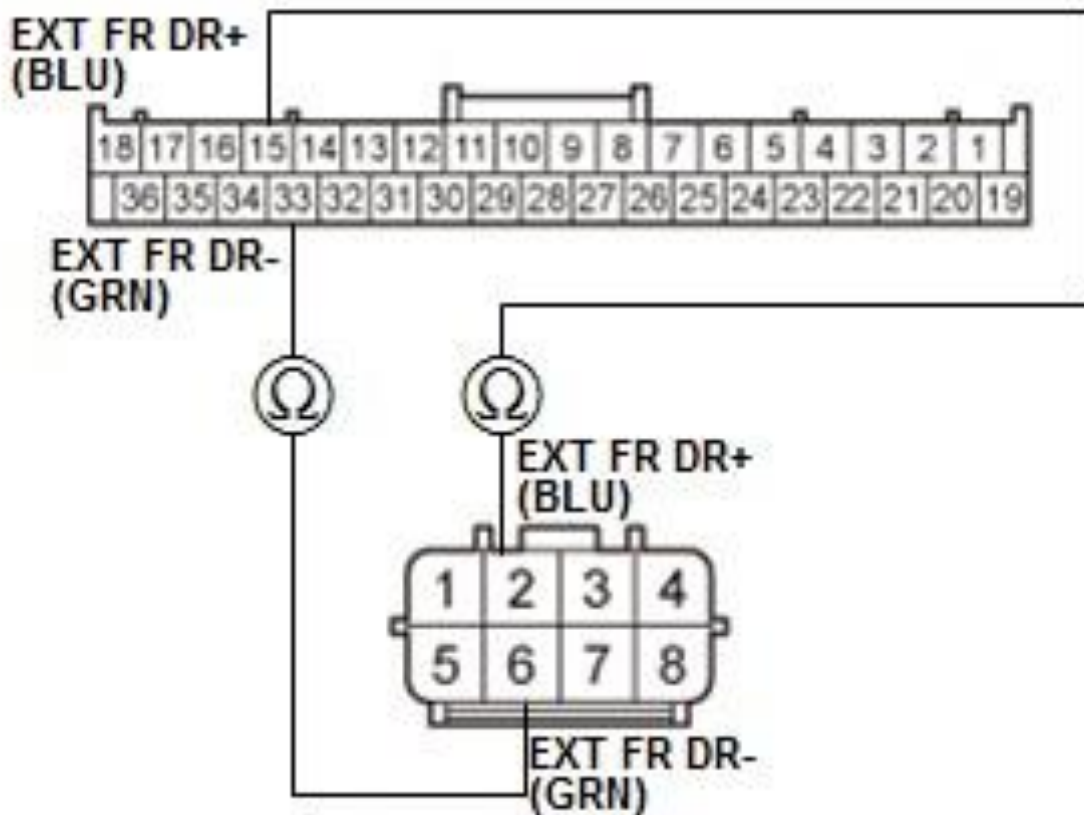
The EXT FR DR+ and EXT FR DR- wires are not shorted. Go to step 3.

3. Open wire check (EXT FR DR+, EXT FR DR- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Driver's door outer handle 8P connector: disconnected
Test circuit	EXT FR DR+
Test point 1	Keyless access control unit connector A (36P) No. 15 (BLU)
Test point 2	Driver's door outer handle 8P connector No. 2 (BLU)
Test circuit	EXT FR DR-
Test point 1	Keyless access control unit connector A (36P) No. 33 (GRN)
Test point 2	Driver's door outer handle 8P connector No. 6 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)
Wire side of female terminals



DRIVER'S DOOR OUTER HANDLE 8P CONNECTOR
Terminal side of female terminals

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

Is there continuity?

YES

The EXT FR DR+ and EXT FR DR- wires are not open. Go to step 4.

NO

Repair an open or high resistance in the wire.

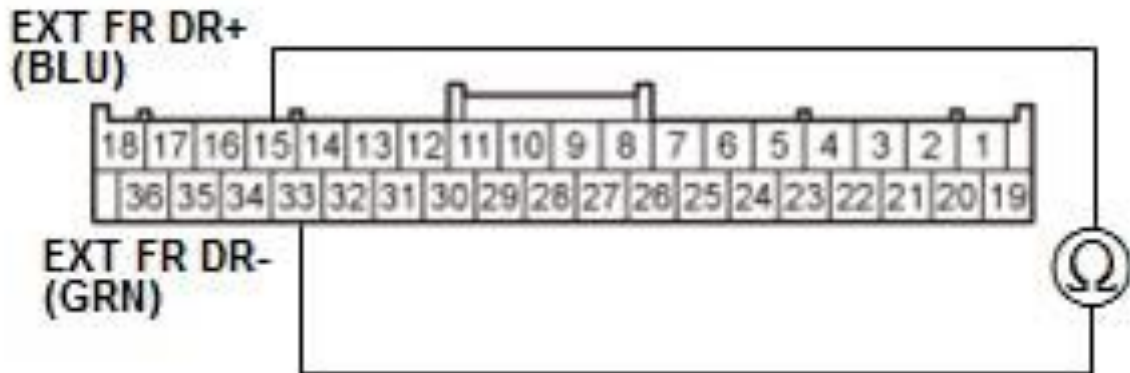
4. Shorted wire check (EXT FR DR+ line to EXT FR DR- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Driver's door outer handle 8P connector: disconnected
Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Keyless access control unit connector A (36P) No. 15 (BLU)

Test point 2

Keyless access control unit connector A (36P) No. 33 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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

Is there continuity?

YES

Repair a short in EXT FR DR+ wire to EXT FR DR- wire.

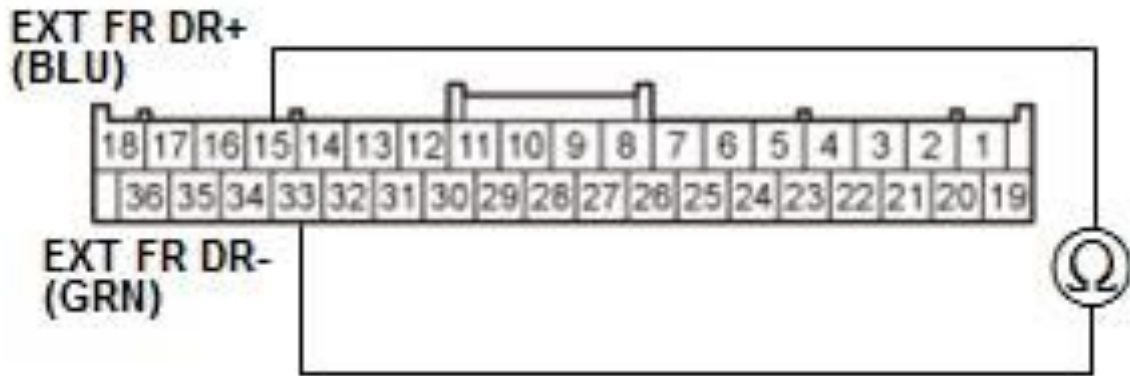
NO

The EXT FR DR+ and EXT FR DR- wires are OK. Go to step 5.

5. LF antenna internal resistance check (EXT FR DR+ and EXT FR DR-): Reconnect the driver's door outer handle 8P connector.
- 2. Measure the resistance between test points 1 and 2.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnected
Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Keyless access control unit connector A (36P) No. 15 (BLU)
Test point 2	Keyless access control unit connector A (36P) No. 33 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



Wire side of female terminals

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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Faulty driver's door LF antenna; replace the driver's door outer handle .

DTC TROUBLESHOOTING > DTC B1646: DRIVER'S DOOR LF ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1646 Driver's Door LF Antenna Circuit Open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1646 Driver's Door LF Antenna Circuit Open	

Is DTC B1646 indicated?

YES

Go to step 2.

NO

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

2. Keyless access/TPMS control unit EXT FR DR+, EXT FR DR- line output check:

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

- 2. Disconnect the following connector.

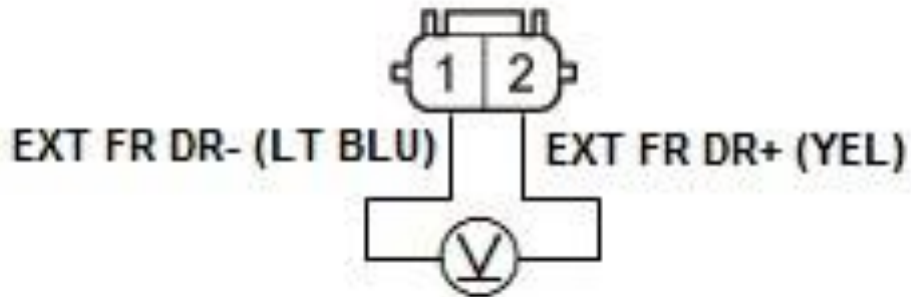
Left-front LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

- 3. Press the engine start/stop button to select the ON mode.
- 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
- 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Left-front LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Left-front LF antenna/initiator 2P connector No. 2 (YEL)
Test point 2	Left-front LF antenna/initiator 2P connector No. 1 (LT BLU)

LEFT-FRONT LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select DRIVER (DOOR) ANTENNA L DC OUTPUT with the HDS.

Is there voltage?

YES

Replace the left-front LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Go to step 3.

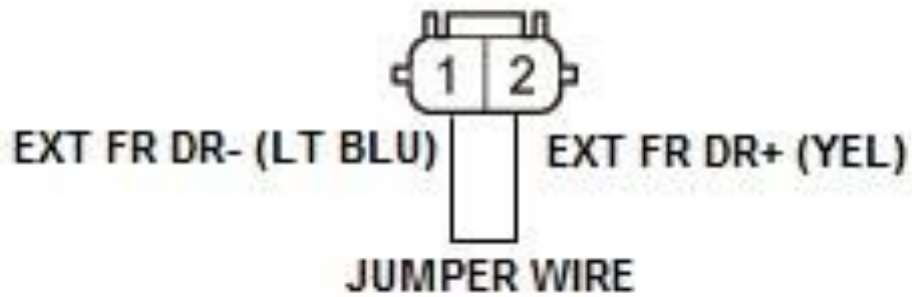
3. Open wire check (EXT FR DR+, EXT FR DR- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Left-front LF antenna/initiator 2P connector No. 2 (YEL)
Terminal B	Left-front LF antenna/initiator 2P connector No. 1 (LT BLU)

LEFT-FRONT LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

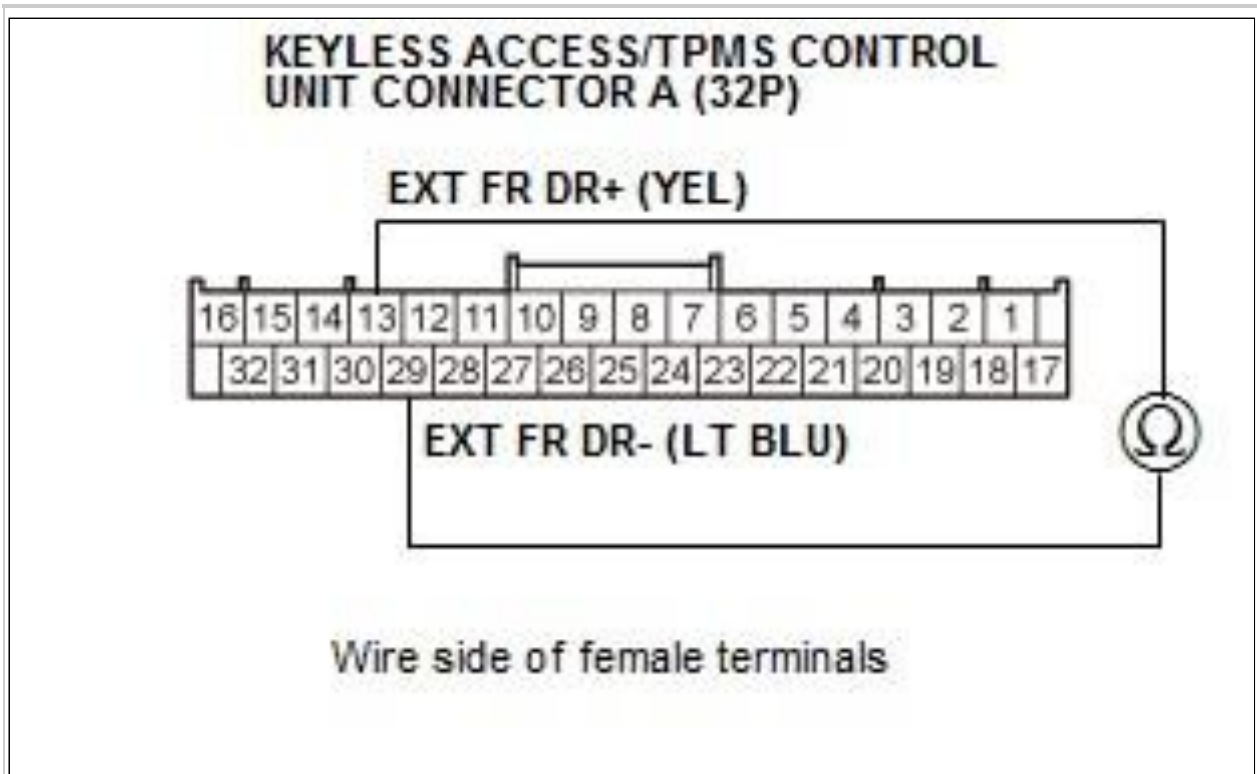
Courtesy of HONDA, U.S.A., INC.

- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF modeKeyless access/TPMS control unit connector A (32P): disconnectedLeftfront LF antenna/initiator 2P connector: disconnectedLeft-front LF antenna/initiator 2P connector No. 1 and No. 2: jumped
Test circuit	EXT FR DR+, EXT FR DR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 13 (YEL)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 29 (LT BLU)



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

Is there continuity?

YES

The EXT FR DR+ and EXT FR DR- wires are OK. Replace the keyless access/TPMS control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1647: PASSENGER'S DOOR LF ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1647 Passenger's door LF antenna circuit short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.

- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1647 Passenger's door LF antenna circuit short	

Is DTC B1647 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT FR AS+, EXT FR AS- lines):

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

2. Disconnect the following connectors.

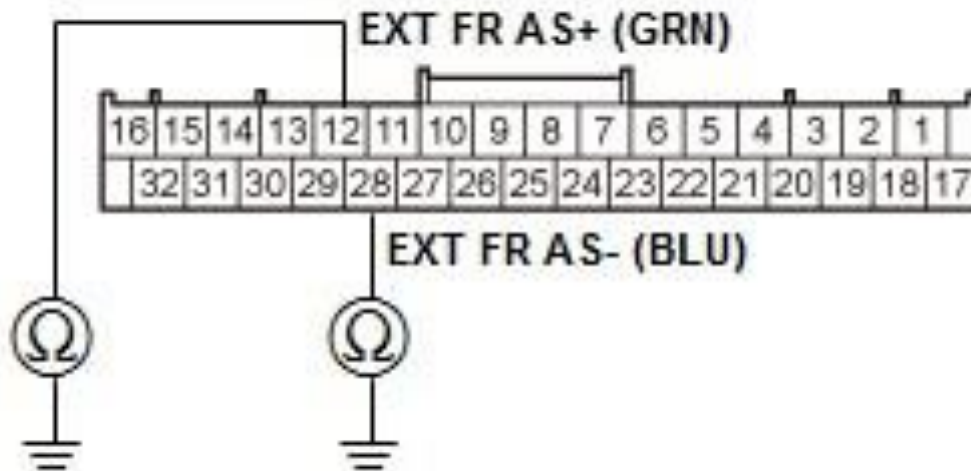
Keyless access/TPMS control unit connector A (32P)

Right-front LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Right-front LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR AS+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 12 (GRN)
Test point 2	Body ground
Test circuit	EXT FR AS-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 28 (BLU)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

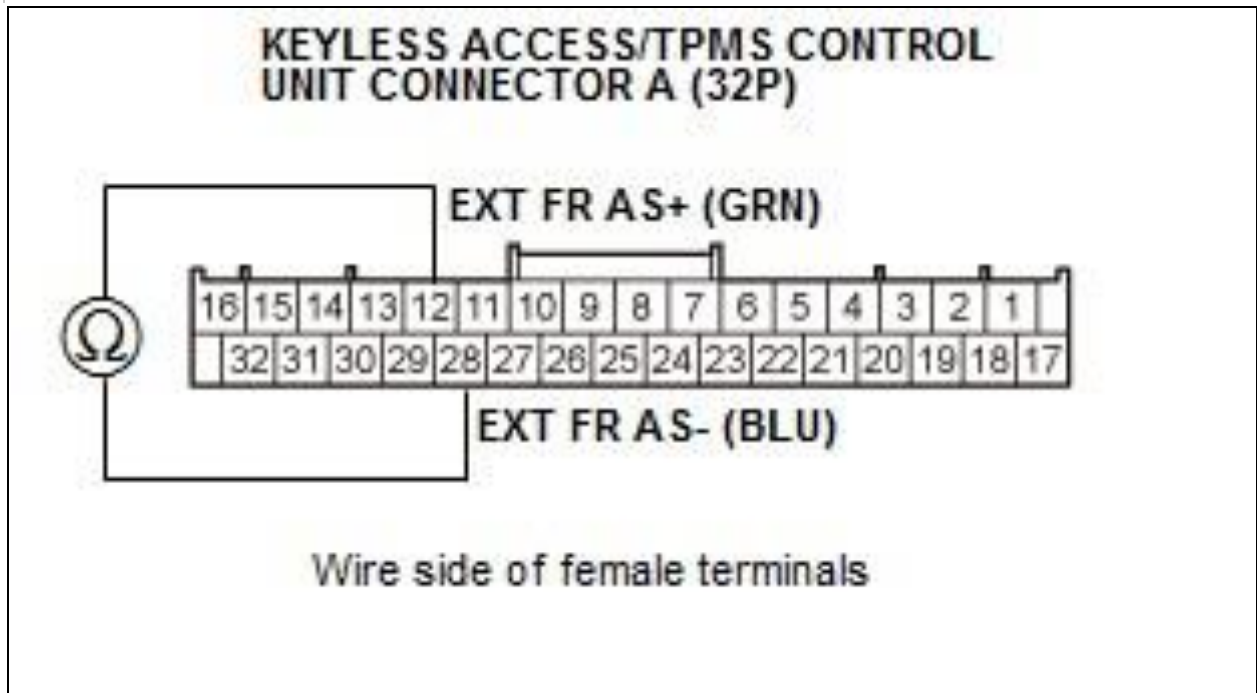
Repair a short to ground in the wire.

NO

The EXT FR AS+ and EXT FR AS- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT FR AS+ to EXT FR AS- line): Check for continuity between test points 1 and 2.

Test condition	OFF modeKeyless access/TPMS control unit connector A (32P): disconnected Right-front LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR AS+, EXT FR AS-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 12 (GRN)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 28 (BLU)



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

Is there continuity?

YES

Repair a short in EXT FR AS+ to EXT FR AS- wire.

NO

The EXT FR AS+ and EXT FR AS- wires are OK. Go to step 4.

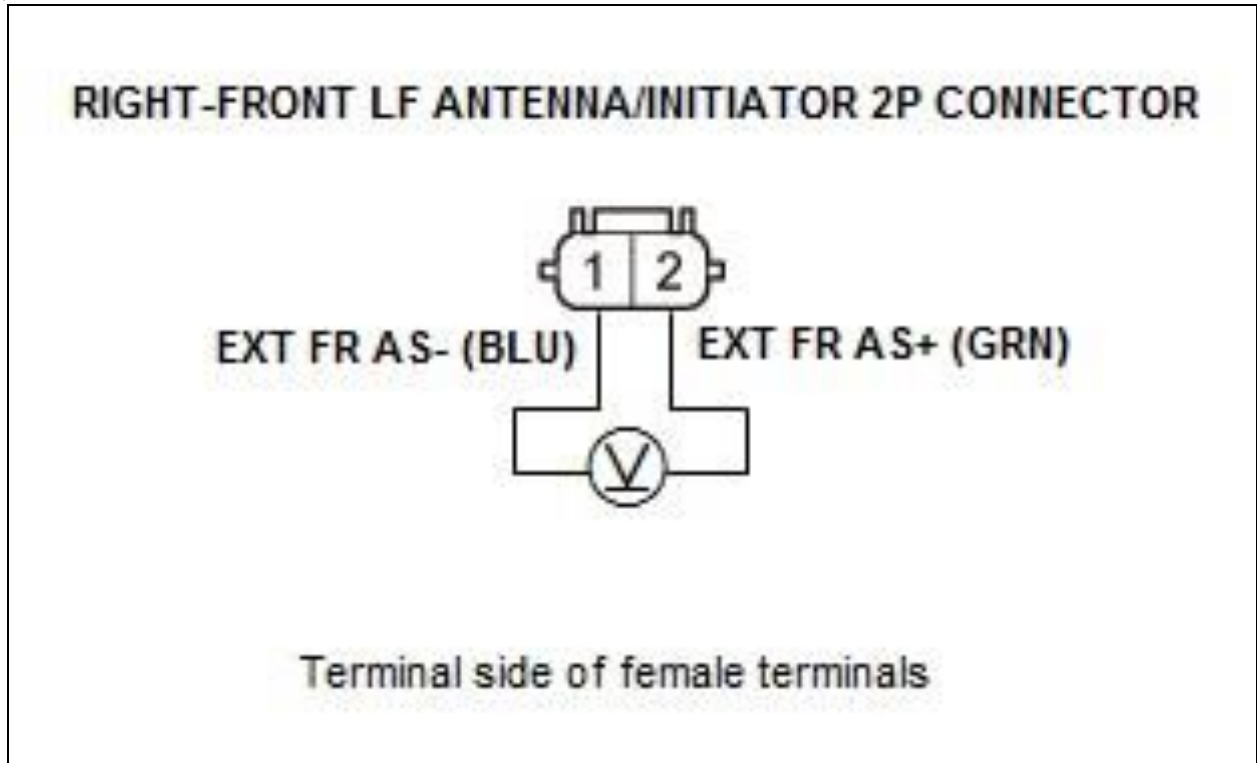
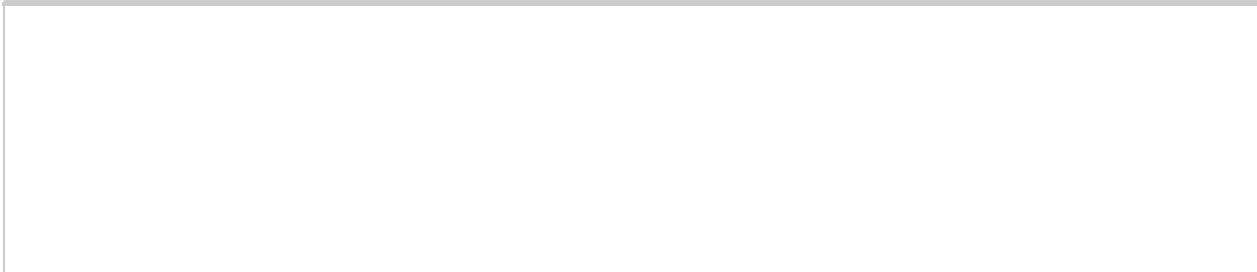
4. Keyless access/TPMS control unit EXT FR AS+, EXT FR AS- line output check: Reconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with theHDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON modeRight-front LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR AS+, EXT FR AS-
Test point 1	Right-front LF antenna/initiator 2P connector No. 2 (GRN)
Test point 2	Right-front LF antenna/initiator 2P connector No. 1 (BLU)



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

- 5. Select FRONT PASSENGER (DOOR) ANTENNA L DC OUTPUT with the HDS.

Is there voltage?

YES

Replace the right-front LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and

Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1648: FRONT PASSENGER DOOR ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1648 Front Passenger Door Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1648 Front Passenger Door Antenna Circuit Open or Short	

Is DTC B1648 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT FR AS+, EXT FR AS- lines):

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

2. Disconnect the following connectors.

Keyless access control unit connector A (36P)
Front passenger's door outer handle 8P connector

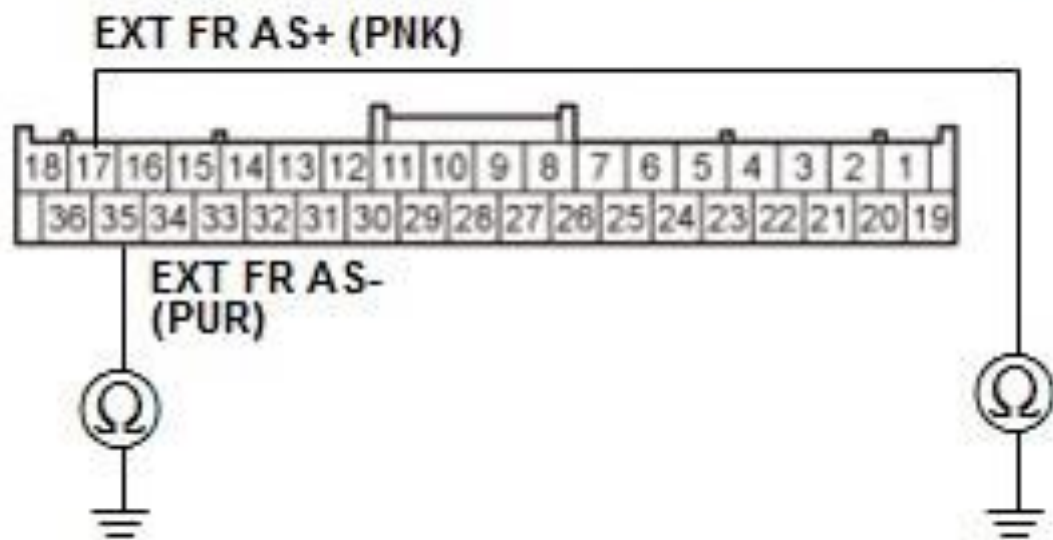
- 3. Check for continuity between test points 1 and 2 individually.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Front passenger's door outer handle 8P connector: disconnected
Test circuit	EXT FR AS+
Test point 1	Keyless access control unit connector A (36P) No. 17 (PNK)
Test point 2	Body ground
Test circuit	EXT FR AS-
Test point 1	Keyless access control unit connector A (36P) No. 35 (PUR)

Test point 2

Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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 EXT FR AS+ and EXT FR AS- wires are not shorted. Go to step 3.

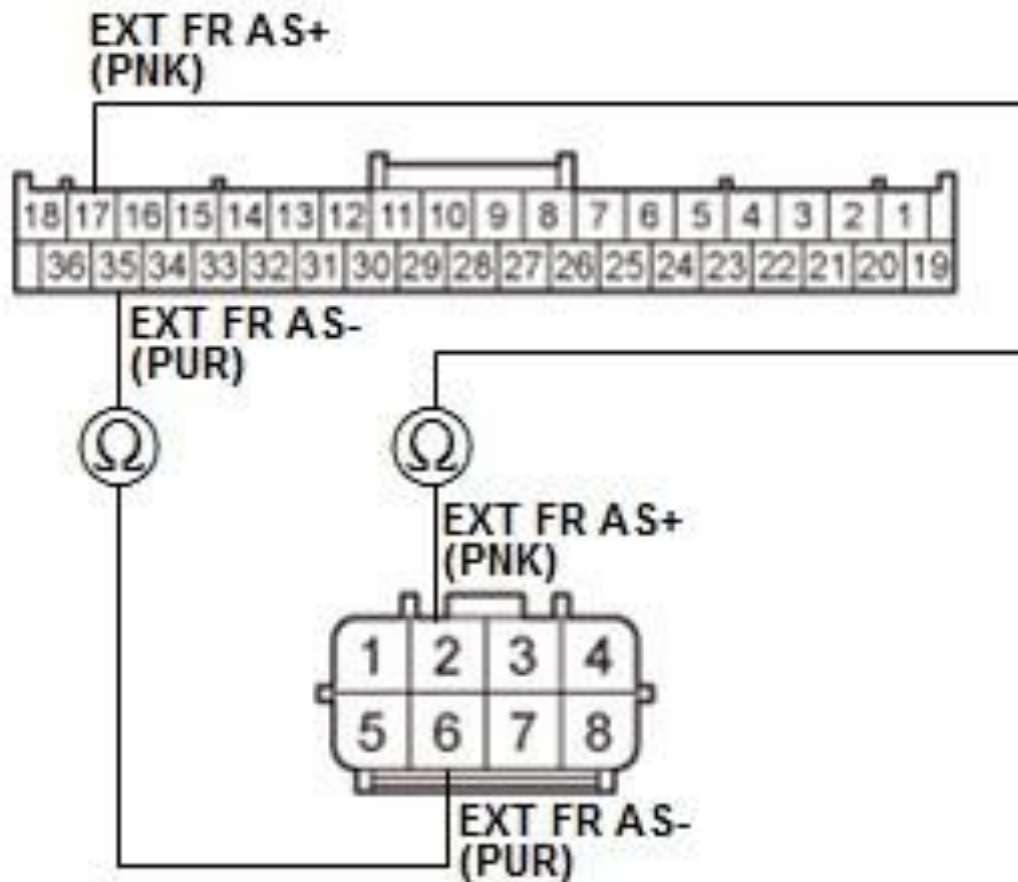
3. Open wire check (EXT FR AS+, EXT FR AS- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnectedFront passenger's door outer handle 8P connector: disconnected
Test circuit	EXT FR AS+
Test point 1	Keyless access control unit connector A (36P) No. 17 (PNK)
Test point 2	Front passenger's door outer handle 8P connector No. 2 (PNK)
Test circuit	EXT FR AS-
Test point 1	Keyless access control unit connector A (36P) No. 35 (PUR)
Test point 2	Front passenger's door outer handle 8P connector No. 6 (PUR)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)

Wire side of female terminals



FRONT PASSENGER'S DOOR
OUTER HANDLE 8P CONNECTOR
Terminal side of female terminals

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

Is there continuity?

YES

The EXT FR AS+ and EXT FR AS- wires are not open. Go to step 4.

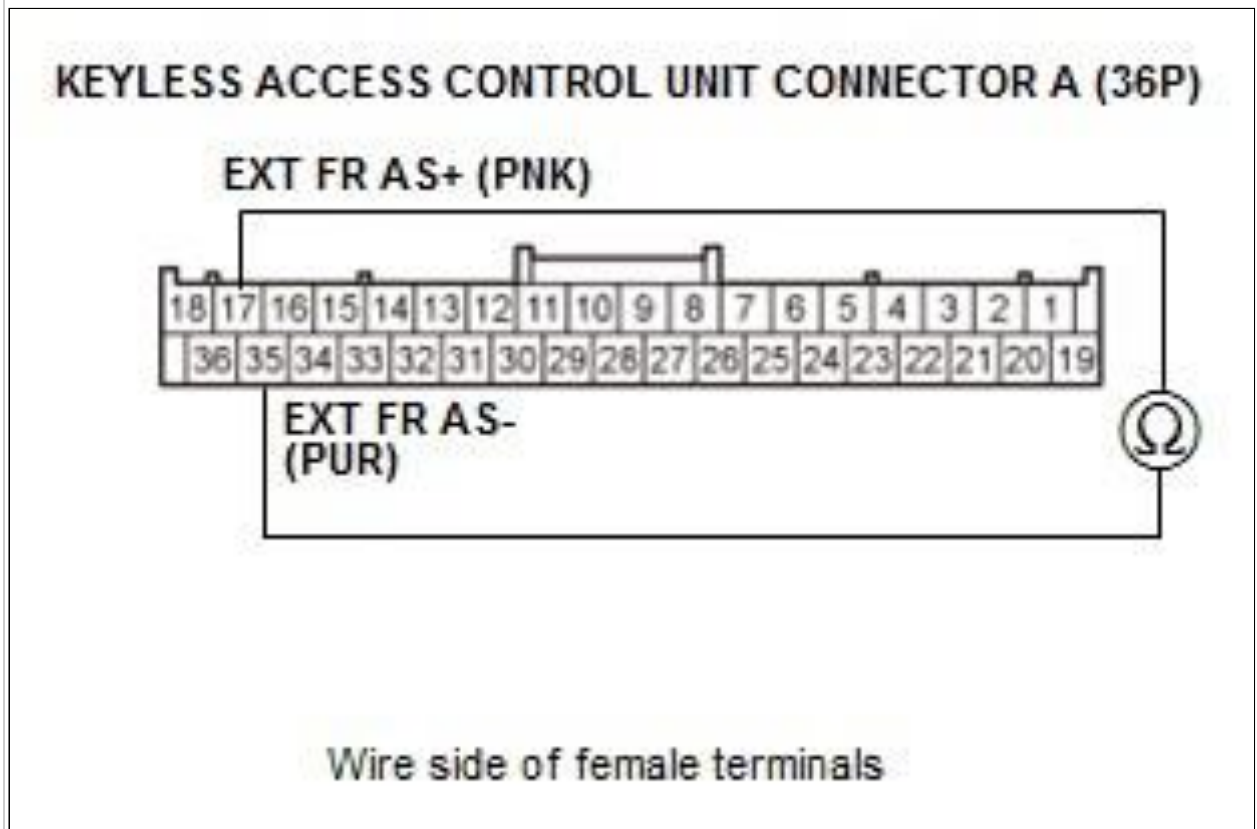
NO

Repair an open or high resistance in the wire.

4. Shorted wire check (EXT FR AS+ line to EXT FR AS- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Front passenger's door outer handle 8P connector: disconnected
Test circuit	EXT FR AS+, EXT FR AS-

Test point 1	Keyless access control unit connector A (36P) No. 17 (PNK)
Test point 2	Keyless access control unit connector A (36P) No. 35 (PUR)



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

Is there continuity?

YES

Repair a short in EXT FR AS+ wire to EXT FR AS- wire.

NO

The EXT FR AS+ and EXT FR AS- wires are OK. Go to step 5.

5. LF antenna internal resistance check (EXT FR AS+ and EXT FR AS-):

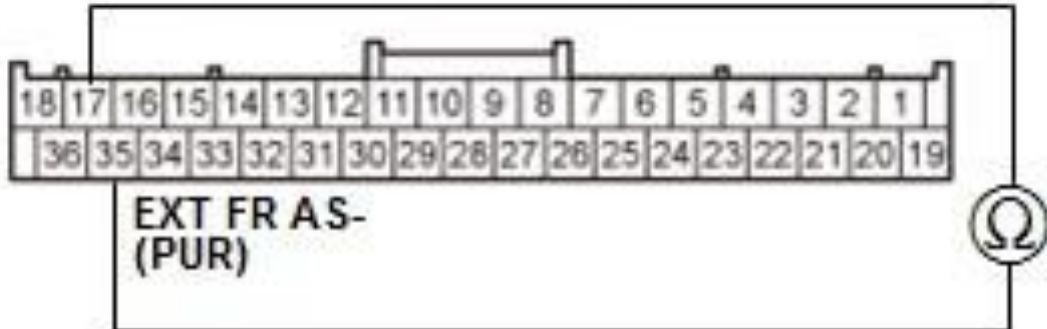
Reconnect the front passenger's door outer handle 8P connector. - 2.

Measure the resistance between test points 1 and 2.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnected
Test circuit	EXT FR AS+, EXT FR AS-
Test point 1	Keyless access control unit connector A (36P) No. 17 (PNK)
Test point 2	Keyless access control unit connector A (36P) No. 35 (PUR)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)

EXT FR AS+ (PNK)



Wire side of female terminals

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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Faulty front passenger's door LF antenna; replace the front passenger's door outer handle .

DTC TROUBLESHOOTING > DTC B1648: PASSENGER'S DOOR LF ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1648 Passenger's Door LF Antenna Circuit Open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1648 Passenger's Door LF Antenna Circuit Open	

Is DTC B1648 indicated?

YES

Go to step 2.

NO

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

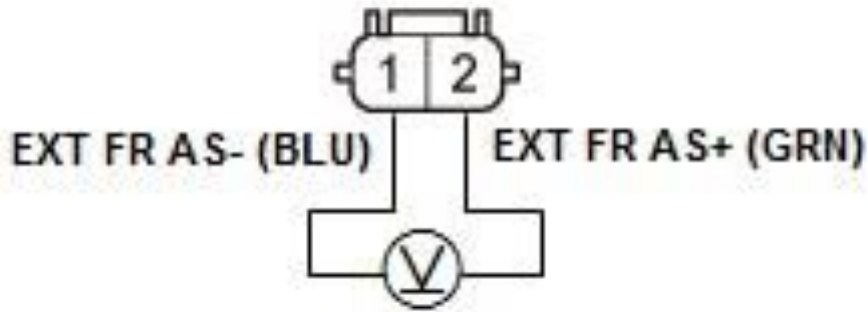
2. Keyless access/TPMS control unit EXT FR AS+, EXT FR AS- line output check:
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connector.

Right-front LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

- 3. Press the engine start/stop button to select the ON mode.
- 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
- 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS
Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Right-front LF antenna/initiator 2P connector: disconnected
Test circuit	EXT FR AS+, EXT FR AS-
Test point 1	Right-front LF antenna/initiator 2P connector No. 2 (GRN)
Test point 2	Right-front LF antenna/initiator 2P connector No. 1 (BLU)

RIGHT-FRONT LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select FRONT PASSENGER (DOOR) ANTENNA L DC OUTPUT with the HDS.

Is there voltage?

YES

Replace the right-front LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Go to step 3.

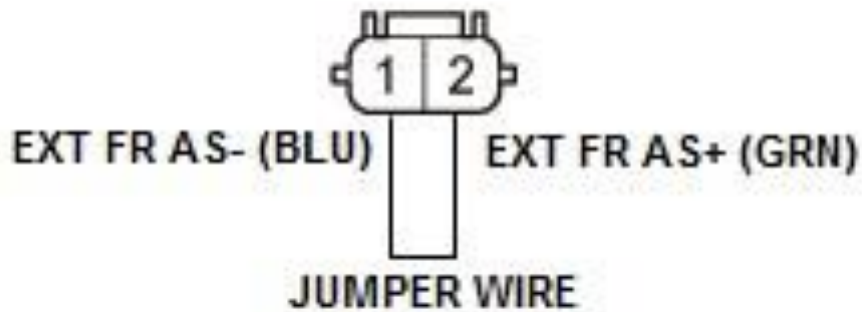
3. Open wire check (EXT FR AS+, EXT FR AS- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Right-front LF antenna/initiator 2P connector No. 2 (GRN)
Terminal B	Right-front LF antenna/initiator 2P connector No. 1 (BLU)

RIGHT-FRONT LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

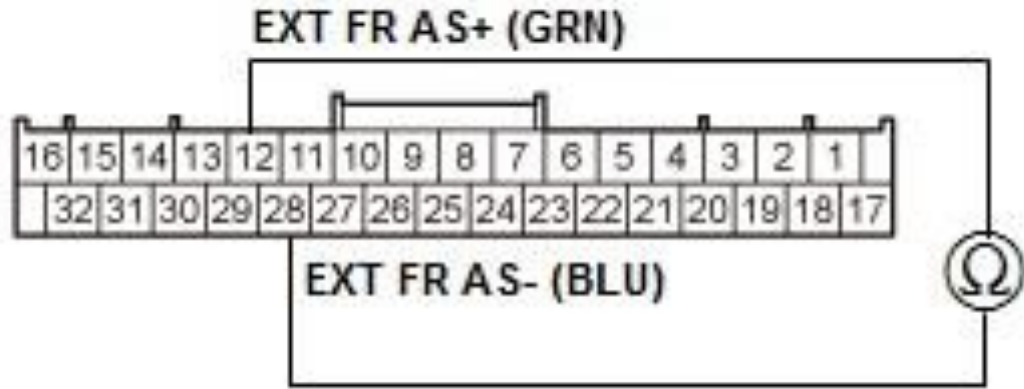
- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Right-front LF antenna/initiator 2P connector: disconnected Right-front LF antenna/initiator 2P connector No. 1 and No. 2: jumped
Test circuit	EXT FR AS+, EXT FR AS-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 12 (GRN)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 28 (BLU)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

The EXT FR AS+ and EXT FR AS- wires are OK. Replace the keyless access/TPMS control unit .

NO

Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1649: DRIVER SIDE REAR PASSENGER DOOR ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1649 Driver side rear passenger door antenna circuit short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.

- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1649 Driver side rear passenger door antenna circuit short	

Is DTC B1649 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT RRL+, EXT RRL- lines):

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

2. Disconnect the following connectors.

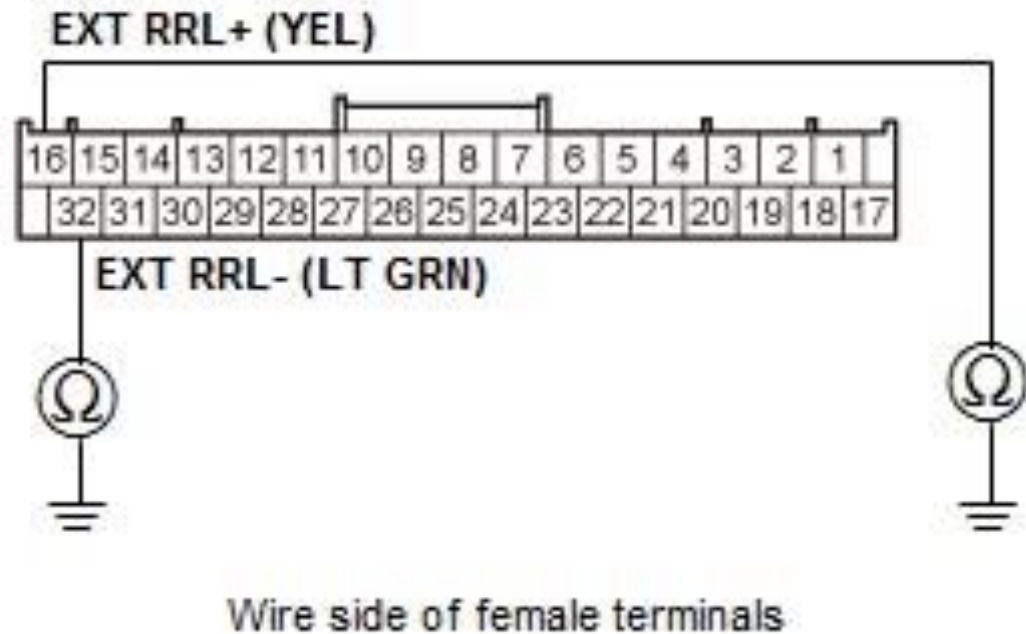
Keyless access/TPMS control unit connector A (32P)

Left-rear LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Left-rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRL+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 16 (YEL)
Test point 2	Body ground
Test circuit	EXT RRL-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 32 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



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

Is there continuity?

YES

Repair a short to ground in the wire.

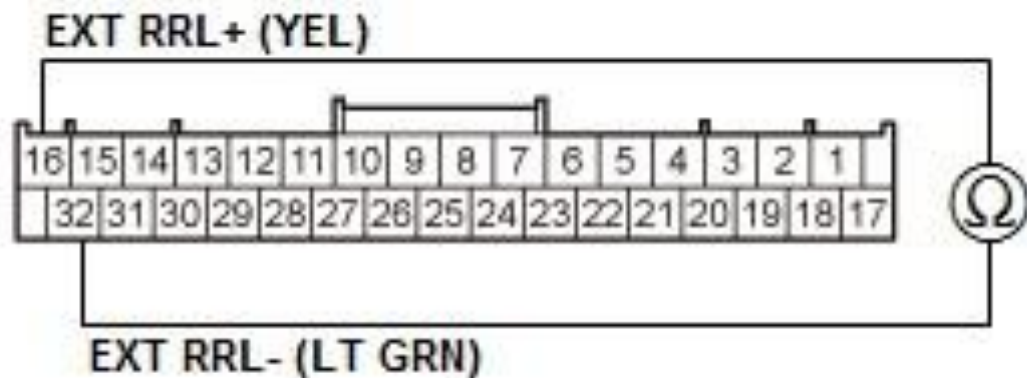
NO

The EXT RRL+ and EXT RRL- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT RRL+ to EXT RRL- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Left rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRL+, EXT RRL-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 16 (YEL)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 32 (LT GRN)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short in EXT RRL+ to EXT RRL- wire.

NO

The EXT RRL+ and EXT RRL- wires are OK. Go to step 4.

4. Keyless access/TPMS control unit EXT RRL+, EXT RRL- line output check: Reconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

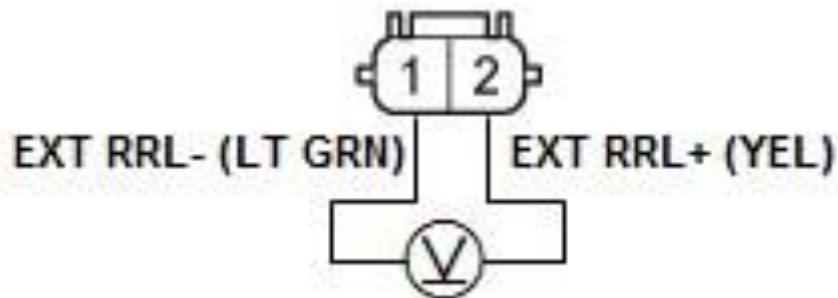
- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with theHDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON modeLeft-rear LF antenna/initiator 2P connector: disconnected
----------------	------------------------------------------------------------------

Test circuit	EXT RRL+, EXT RRL-
Test point 1	Left-rear LF antenna/initiator 2P connector No. 2 (YEL)
Test point 2	Left-rear LF antenna/initiator 2P connector No. 1 (LT GRN)

LEFT-REAR LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

- 5. Select DRIVER SIDE REAR (DOOR) ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Faulty left-rear LF antenna/initiator; replace the left-rear LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1650: DRIVER SIDE REAR PASSENGER DOOR ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1650 Driver side rear passenger door antenna circuit open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1650 Driver side rear passenger door antenna circuit open	

Is DTC B1650 indicated?

YES

Go to step 2.

NO

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

2. Keyless access/TPMS control unit EXT RRL+, EXT RRL- line output check:

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

2. Disconnect the following connector.

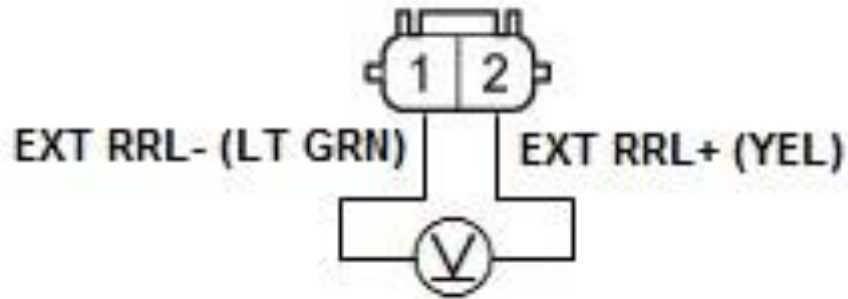
Left-rear LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

- 3. Press the engine start/stop button to select the ON mode.
- 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
- 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Left-rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRL+, EXT RRL-
Test point 1	Left-rear LF antenna/initiator 2P connector No. 2 (YEL)
Test point 2	Left-rear LF antenna/initiator 2P connector No. 1 (LT GRN)

LEFT-REAR LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select DRIVER SIDE REAR (DOOR) ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Faulty left-rear LF antenna/initiator; replace the left-rear LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Go to step 3.

3. Open wire check (EXT RRL+, EXT RRL- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Left-rear LF antenna/initiator 2P connector No. 2 (YEL)
Terminal B	Left-rear LF antenna/initiator 2P connector No. 1 (LT GRN)

LEFT-REAR LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

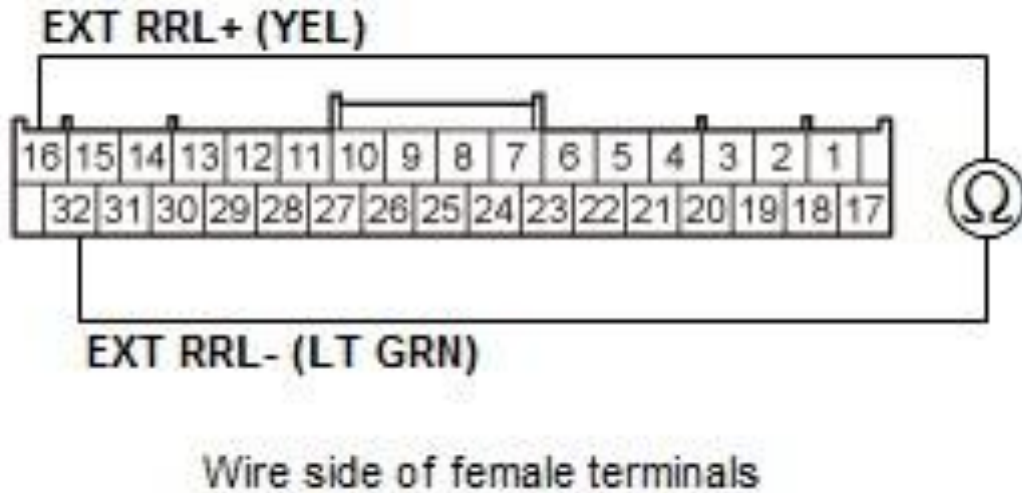
- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Leftrear LF antenna/initiator 2P connector: disconnected Left-rear LF antenna/initiator 2P connector No. 1 and No. 2: jumped
Test circuit	EXT RRL+, EXT RRL-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 16 (YEL)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 32 (LT GRN)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



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

Is there continuity?

YES

The EXT RRL+ and EXT RRL- wires are OK. Replace the keyless access/TPMS control unit . **NO**
Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1651: PASSENGER SIDE REAR PASSENGER DOOR ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1651 Passenger side rear passenger door antenna circuit short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1651 Passenger side rear passenger door antenna circuit short	

Is DTC B1651 indicated?

YES

Go to step 2.

NO

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

- 2. Shorted wire check (EXT RRR+, EXT RRR- lines):
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connectors.

Keyless access/TPMS control unit connector A (32P)
Right-rear LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

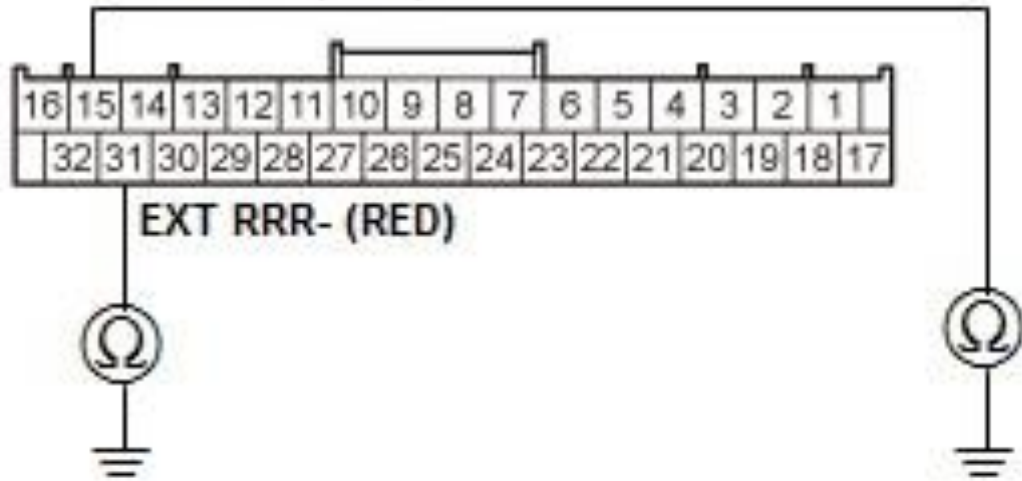
- 3. Check for continuity between test points 1 and 2 individually.

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Right-rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRR+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 15 (BLU)
Test point 2	Body ground
Test circuit	EXT RRR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 31 (RED)
Test point 2	Body ground

--	--

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)

EXT RRR+ (BLU)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short to ground in the wire.

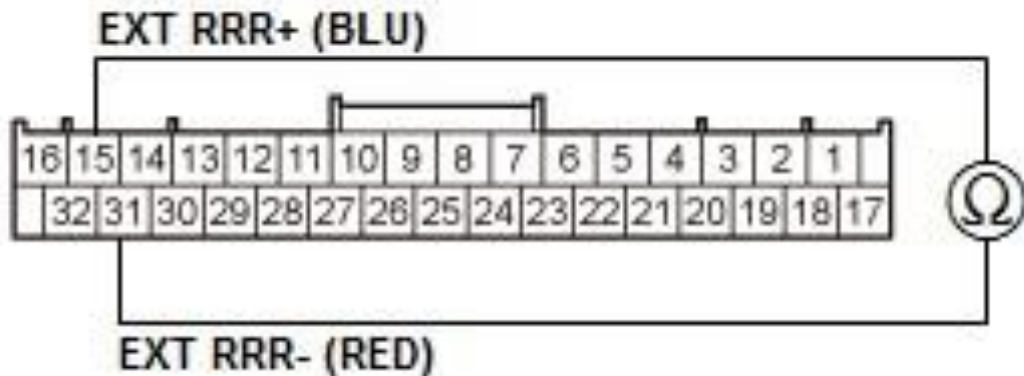
NO

The EXT RRR+ and EXT RRR- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT RRR+ to EXT RRR- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Right-rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRR+, EXT RRR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 15 (BLU)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 31 (RED)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short in EXT RRR+ to EXT RRR- wire.

NO

The EXT RRR+ and EXT RRR- wires are OK. Go to step 4.

4. Keyless access/TPMS control unit EXT RRR+, EXT RRR- line output check: Reconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

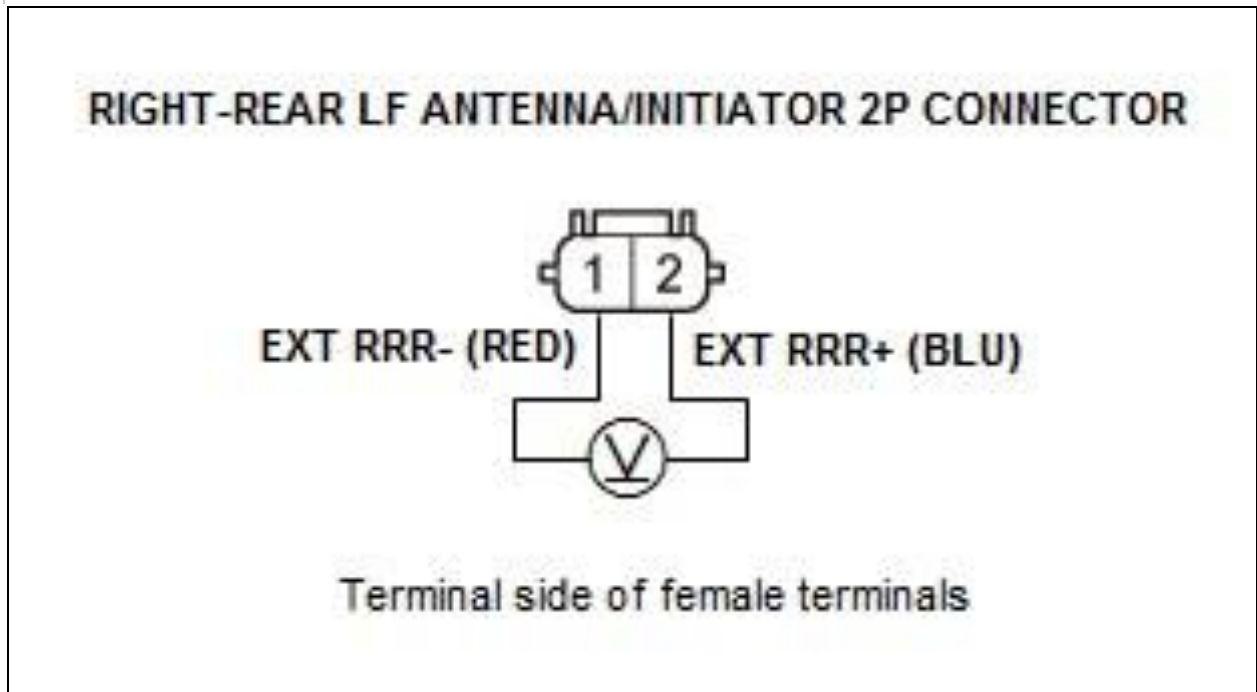
- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with theHDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition

ON modeRight-rear LF antenna/initiator 2P connector: disconnected

Test circuit	EXT RRR+, EXT RRR-
Test point 1	Right-rear LF antenna/initiator 2P connector No. 2 (BLU)
Test point 2	Right-rear LF antenna/initiator 2P connector No. 1 (RED)



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

- 5. Select PASSENGER SIDE REAR (DOOR) ANTENNA L DC OUTPUT with the HDS.

Is there voltage?

YES

Faulty right-rear LF antenna/initiator; replace the right-rear LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1652: PASSENGER SIDE REAR PASSENGER DOOR ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1652 Passenger side rear passenger door antenna circuit open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1652 Passenger side rear passenger door antenna circuit open	

Is DTC B1652 indicated?

YES

Go to step 2.

NO

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

2. Keyless access/TPMS control unit EXT RRR+, EXT RRR- line output check:

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

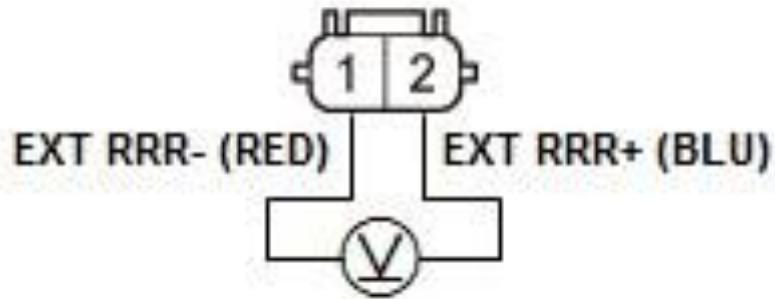
2. Disconnect the following connector.

Right-rear LF antenna/initiator 2P connector - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18)

- 3. Press the engine start/stop button to select the ON mode.
 - 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
 - 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS
- Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Right-rear LF antenna/initiator 2P connector: disconnected
Test circuit	EXT RRR+, EXT RRR-
Test point 1	Right-rear LF antenna/initiator 2P connector No. 2 (BLU)
Test point 2	Right-rear LF antenna/initiator 2P connector No. 1 (RED)

RIGHT-REAR LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select PASSENGER SIDE REAR (DOOR) ANTENNA L DC OUTPUT with the HDS.

Is there voltage?

YES

Faulty right-rear LF antenna/initiator; replace the right-rear LF antenna/initiator - Refer to: Keyless Access LF Antenna/Initiator (Left-Rear) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Left-Front) Removal and Installation (2016-18), or Keyless Access LF Antenna/Initiator (Right-Rear) Removal and Installation (2016-18) .

NO

Go to step 3.

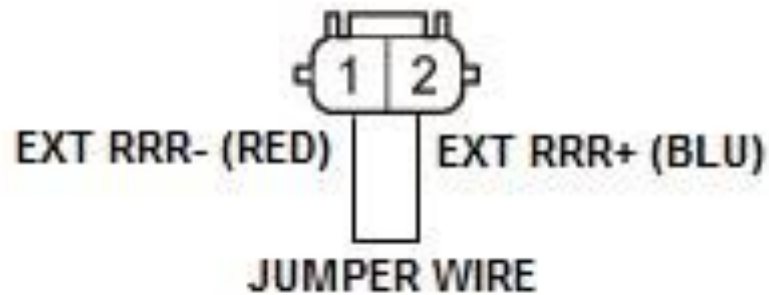
3. Open wire check (EXT RRR+, EXT RRR- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Right-rear LF antenna/initiator 2P connector No. 2 (BLU)
Terminal B	Right-rear LF antenna/initiator 2P connector No. 1 (RED)

RIGHT-REAR LF ANTENNA/INITIATOR 2P CONNECTOR



Terminal side of female terminals

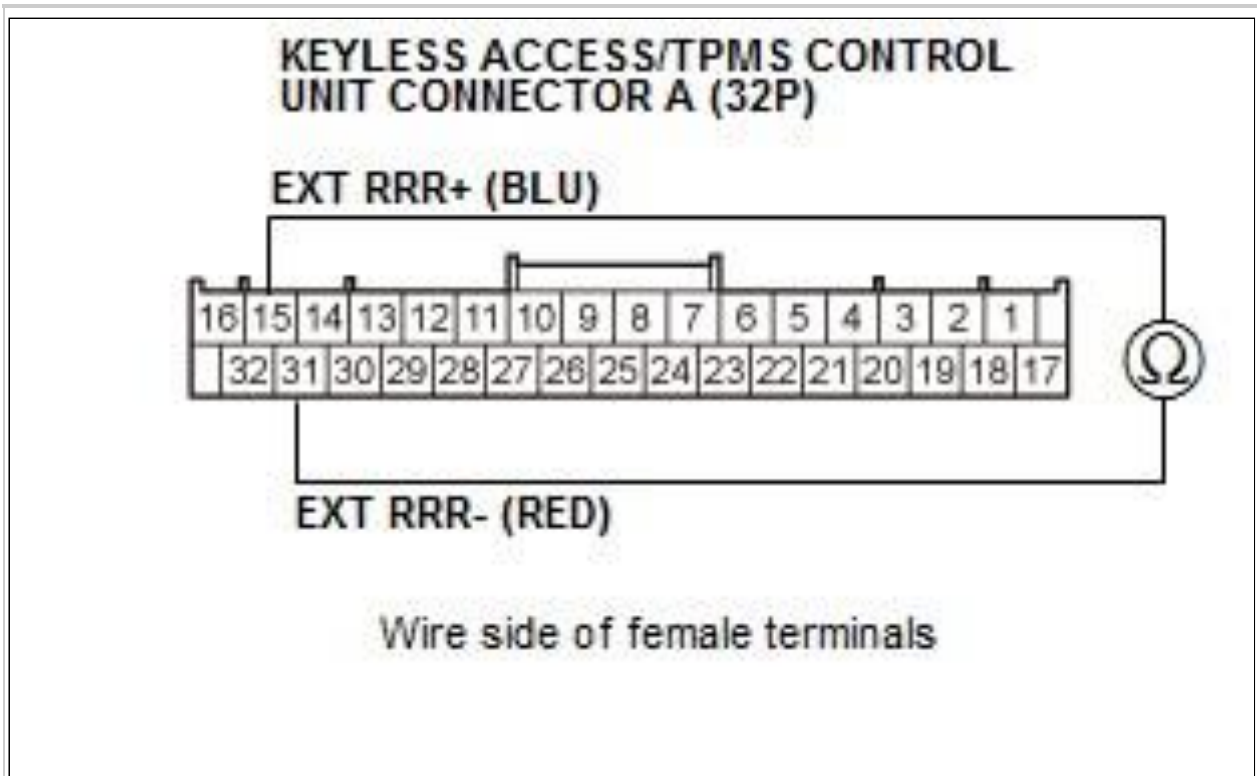
Courtesy of HONDA, U.S.A., INC.

- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Right-rear LF antenna/initiator 2P connector: disconnected Right-rear LF antenna/initiator 2P connector No. 1 and No. 2: jumped
Test circuit	EXT RRR+, EXT RRR-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 15 (BLU)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 31 (RED)



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

Is there continuity?

YES

The EXT RRR+ and EXT RRR- wires are OK. Replace the keyless access/TPMS control unit . **NO**
Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1658: TAILGATE/REAR BUMPER ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1658 Tailgate/Rear Bumper Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1658 Tailgate/Rear Bumper Antenna Circuit Open or Short	

Is DTC B1658 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT TG+, EXT TG- lines):

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

2. Disconnect the following connectors.

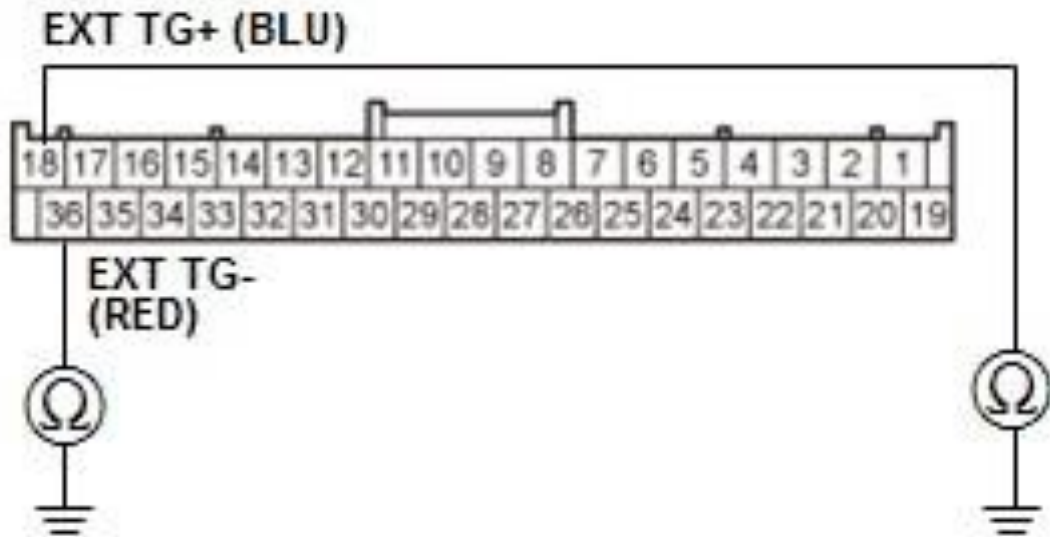
Keyless access control unit connector A (36P)

Rear bumper LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Rear bumper LF antenna 2P connector: disconnected
Test circuit	EXT TG+
Test point 1	Keyless access control unit connector A (36P) No. 18 (BLU)
Test point 2	Body ground
Test circuit	EXT TG-
Test point 1	Keyless access control unit connector A (36P) No. 36 (RED)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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

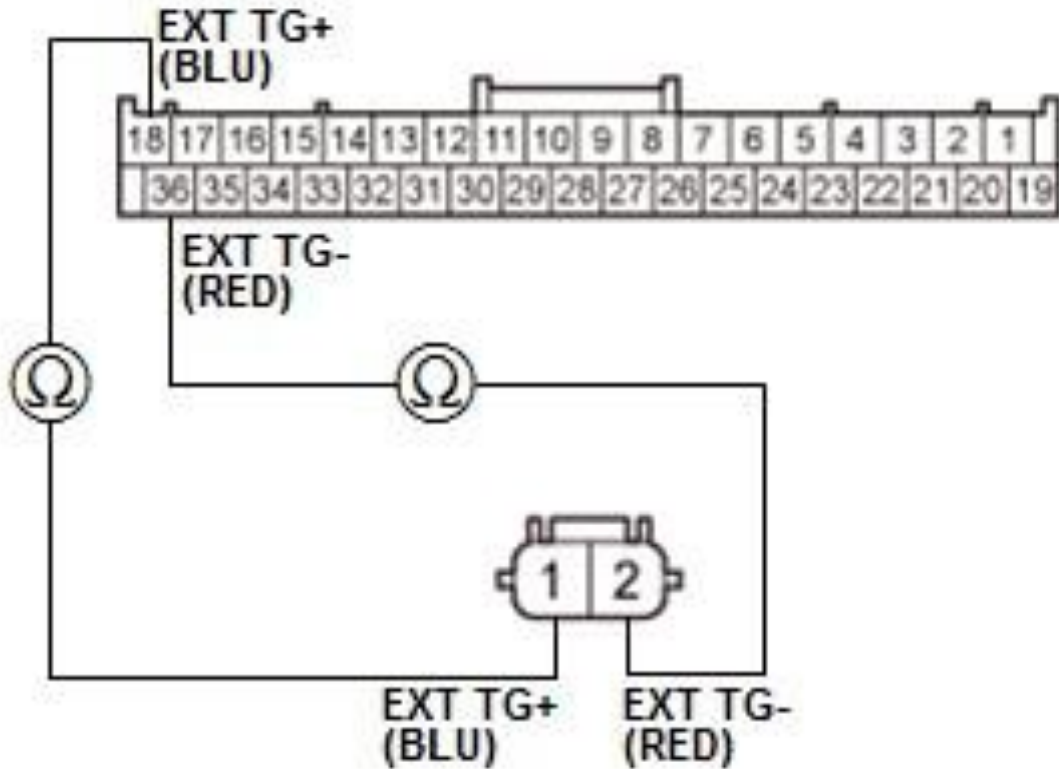
The EXT TG+ and EXT TG- wires are not shorted. Go to step 3.

3. Open wire check (EXT TG+, EXT TG- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnectedRear bumper LF antenna 2P connector: disconnected
Test circuit	EXT TG+
Test point 1	Keyless access control unit connector A (36P) No. 18 (BLU)
Test point 2	Rear bumper LF antenna 2P connector No. 1 (BLU)
Test circuit	EXT TG-
Test point 1	Keyless access control unit connector A (36P) No. 36 (RED)
Test point 2	Rear bumper LF antenna 2P connector No. 2 (RED)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)
Wire side of female terminals



REAR BUMPER LF ANTENNA 2P CONNECTOR
Terminal side of female terminals

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

Is there continuity?

YES

The EXT TG+ and EXT TG- wires are not open. Go to step 4.

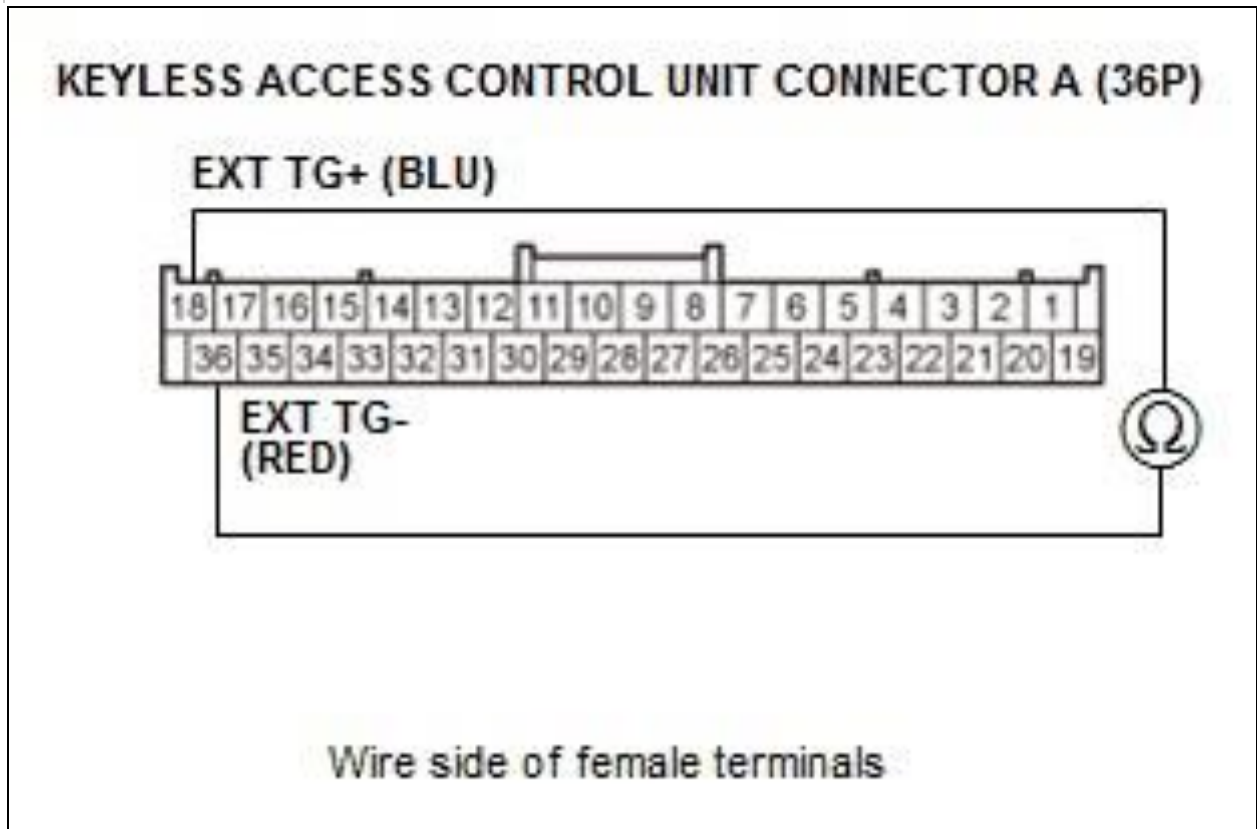
NO

Repair an open or high resistance in the wire.

4. Shorted wire check (EXT TG+ line to EXT TG- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Rear bumper LF antenna 2P connector: disconnected
Test circuit	EXT TG+, EXT TG-

Test point 1	Keyless access control unit connector A (36P) No. 18 (BLU)
Test point 2	Keyless access control unit connector A (36P) No. 36 (RED)



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

Is there continuity?

YES

Repair a short in EXT TG+ wire to EXT TG- wire.

NO

The EXT TG+ and EXT TG- wires are OK. Go to step 5.

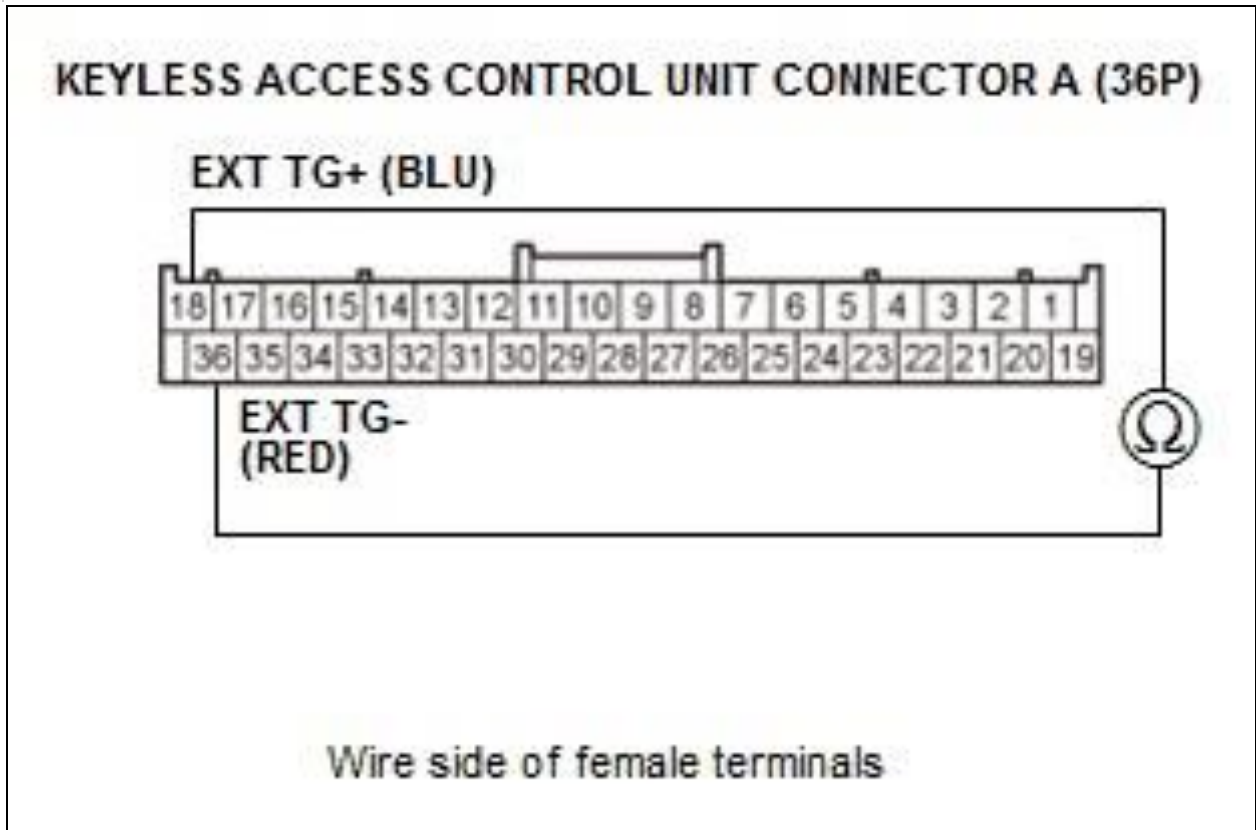
5. LF antenna internal resistance check (EXT TG+ and EXT TG-):

Reconnect the rear bumper LF antenna 2P connector. - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) - 2.

Measure the resistance between test points 1 and 2.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnected
Test circuit	EXT TG+, EXT TG-
Test point 1	Keyless access control unit connector A (36P) No. 18 (BLU)

Test point 2	Keyless access control unit connector A (36P) No. 36 (RED)
--------------	------------------------------------------------------------



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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Replace the rear bumper LF antenna - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

DTC TROUBLESHOOTING > DTC B1659: FRONT INTERIOR LF ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1659 Front interior LF antenna circuit short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1659 Front interior LF antenna circuit short	

Is DTC B1659 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT F+, EXT F- lines):

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

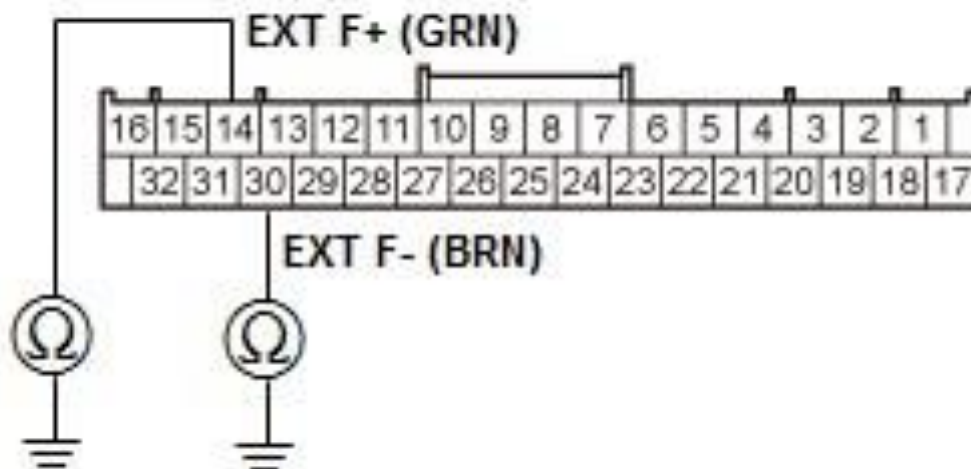
2. Disconnect the following connectors.

Keyless access/TPMS control unit connector A (32P)
Front interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 14 (GRN)
Test point 2	Body ground
Test circuit	EXT F-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 30 (BRN)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short to ground in the wire.

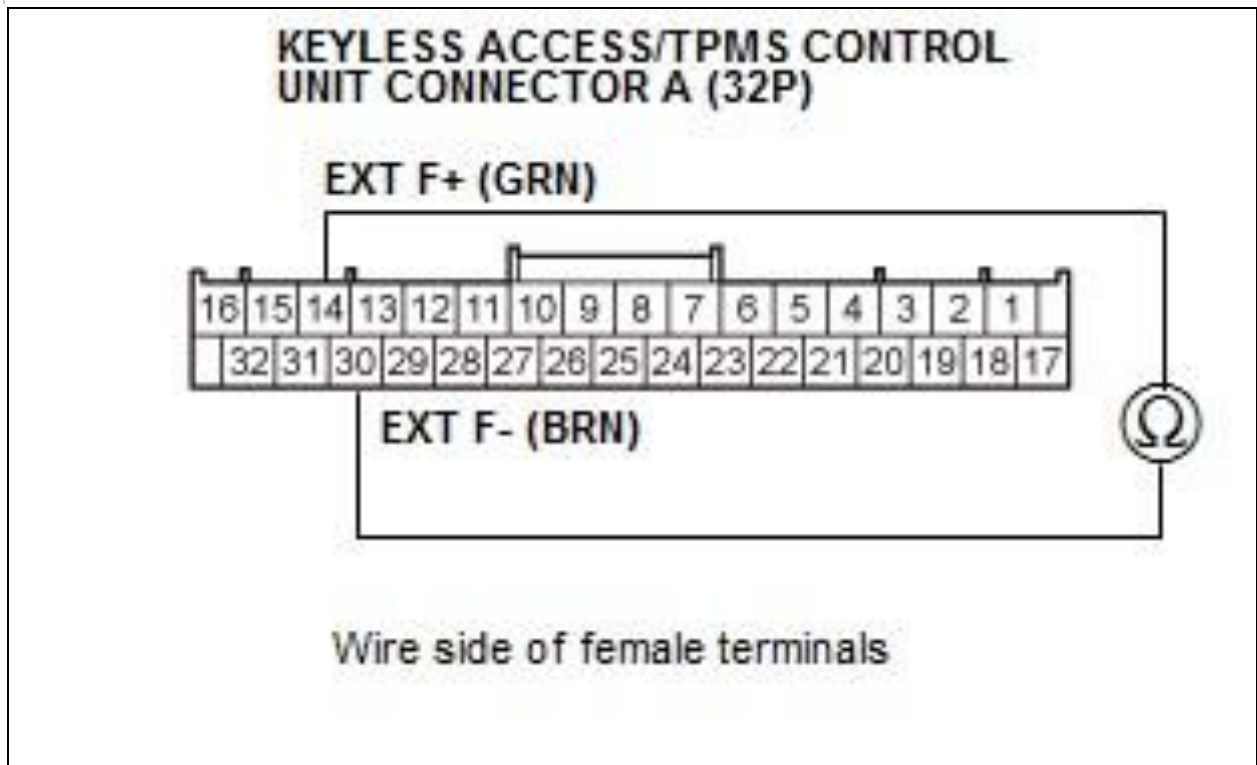
NO

The EXT F+ and EXT F- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT F+ to EXT F- line):

Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+, EXT F-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 14 (GRN)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 30 (BRN)



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

Is there continuity?

YES

Repair a short in EXT F+ to EXT F- wire.

NO

The EXT F+ and EXT F- wires are OK. Go to step 4.

4. Keyless access/TPMS control unit EXT F+, EXT F- line output check: Reconnect the following connector.

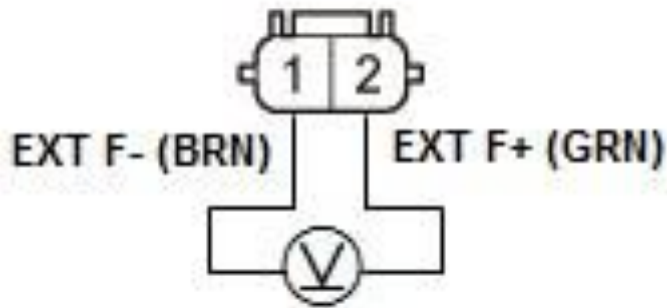
Keyless access/TPMS control unit connector A (32P)

- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+, EXT F-
Test point 1	Front interior LF antenna 2P connector No. 2 (GRN)
Test point 2	Front interior LF antenna 2P connector No. 1 (BRN)

FRONT INTERIOR LF ANTENNA 2P CONNECTOR



Terminal side of female terminals

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

- 5. Select FRONT INTERIOR ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Replace the front interior LF antenna - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) . **NO**

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1660: FRONT INTERIOR ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1660 Front Interior Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1660 Front Interior Antenna Circuit Open or Short	

Is DTC B1660 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT F+, EXT F- lines):

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

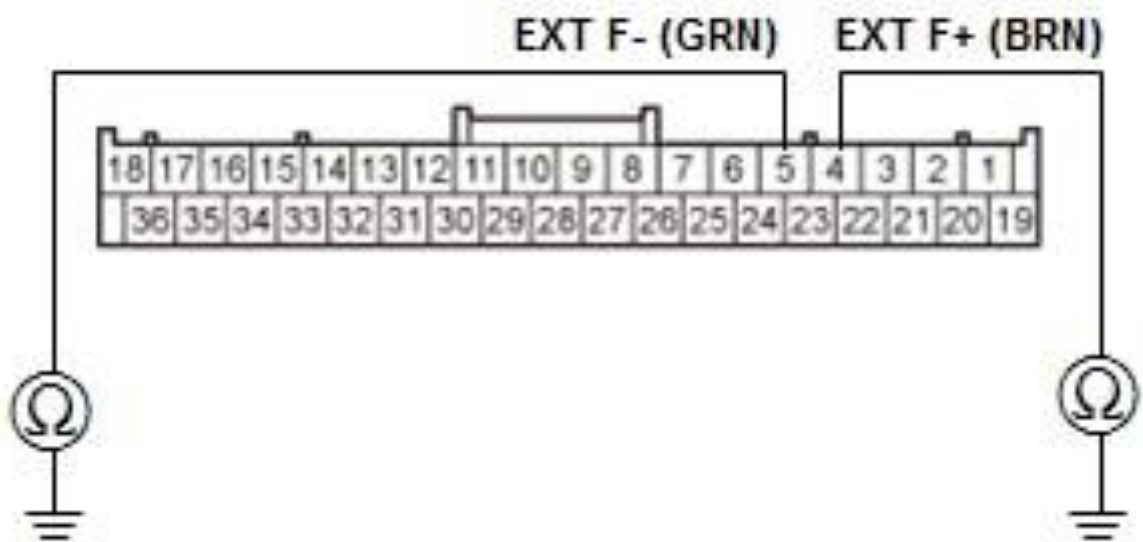
2. Disconnect the following connectors.

Keyless access control unit connector A (36P)
Front interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+
Test point 1	Keyless access control unit connector A (36P) No. 4 (BRN)
Test point 2	Body ground
Test circuit	EXT F-
Test point 1	Keyless access control unit connector A (36P) No. 5 (GRN)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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 EXT F+ and EXT F- wires are not shorted. Go to step 3.

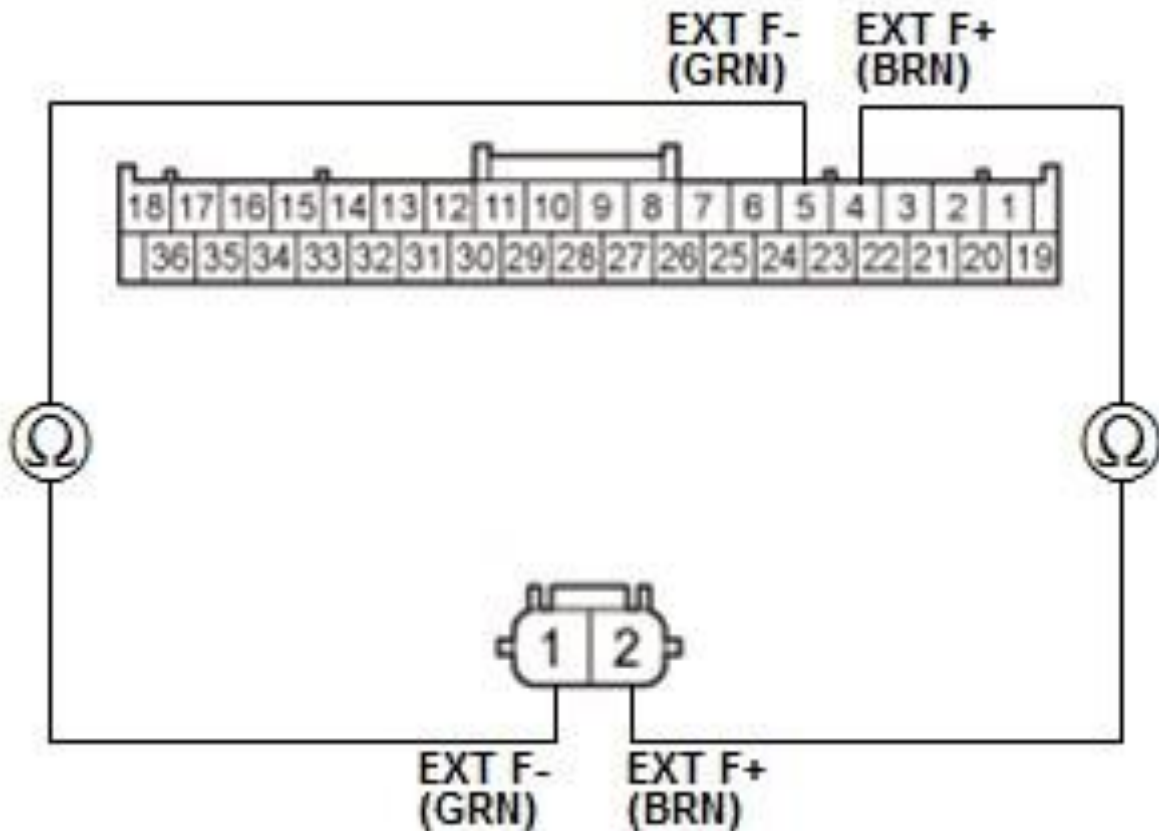
3. Open wire check (EXT F+, EXT F- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnectedFront interior LF antenna 2P connector: disconnected
Test circuit	EXT F+
Test point 1	Keyless access control unit connector A (36P) No. 4 (BRN)
Test point 2	Front interior LF antenna 2P connector No. 2 (BRN)
Test circuit	EXT F-
Test point 1	Keyless access control unit connector A (36P) No. 5 (GRN)
Test point 2	Front interior LF antenna 2P connector No. 1 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)

Wire side of female terminals



FRONT INTERIOR LF ANTENNA 2P CONNECTOR
Terminal side of female terminals

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

Is there continuity?

YES

The EXT F+ and EXT F- wires are not open. Go to step 4.

NO

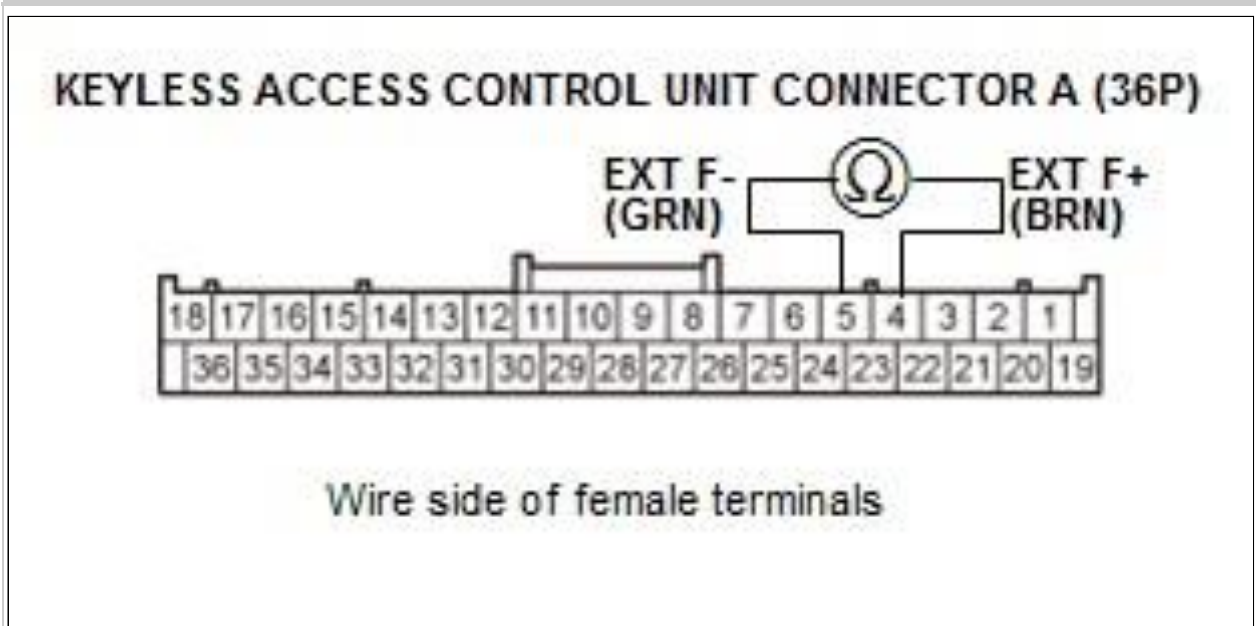
Repair an open or high resistance in the wire.

4. Shorted wire check (EXT F+ line to EXT F- line):

Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+, EXT F-
Test point 1	Keyless access control unit connector A (36P) No. 4 (BRN)

Test point 2	Keyless access control unit connector A (36P) No. 5 (GRN)
--------------	-----------------------------------------------------------



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

Is there continuity?

YES

Repair a short in EXT F+ wire to EXT F- wire.

NO

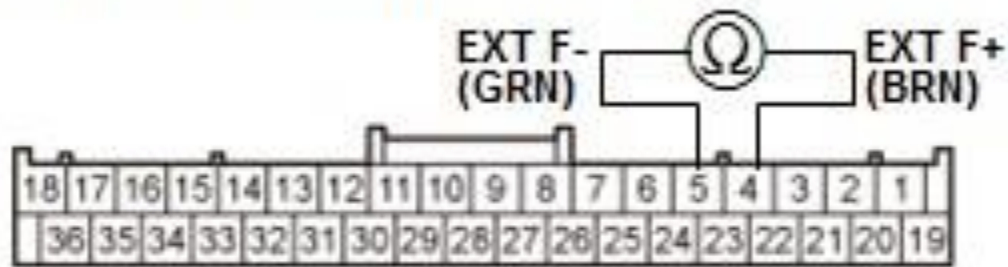
The EXT F+ and EXT F- wires are OK. Go to step 5.

5. LF antenna internal resistance check (EXT F+ and EXT F-):

Reconnect the front interior LF antenna 2P connector. - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) - 2. Measure the resistance between test points 1 and 2.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnected
Test circuit	EXT F+, EXT F-
Test point 1	Keyless access control unit connector A (36P) No. 4 (BRN)
Test point 2	Keyless access control unit connector A (36P) No. 5 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



Wire side of female terminals

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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Replace the front interior LF antenna - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

DTC TROUBLESHOOTING > DTC B1660: FRONT INTERIOR LF ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1660 Front interior LF antenna circuit open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1660 Front interior LF antenna circuit open	

Is DTC B1660 indicated?

YES

Go to step 2.

NO

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

2. Keyless access/TPMS control unit EXT F+, EXT F- line output check:

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

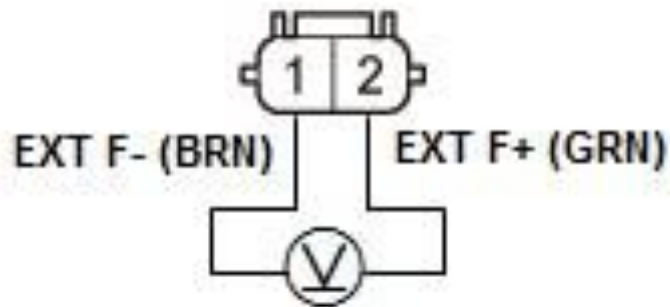
- 2. Disconnect the following connector.

Front interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

- 3. Press the engine start/stop button to select the ON mode.
 - 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
 - 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS
- Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Front interior LF antenna 2P connector: disconnected
Test circuit	EXT F+, EXT F-
Test point 1	Front interior LF antenna 2P connector No. 2 (GRN)
Test point 2	Front interior LF antenna 2P connector No. 1 (BRN)

FRONT INTERIOR LF ANTENNA 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select FRONT INTERIOR ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Replace the front interior LF antenna - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

NO

Go to step 3.

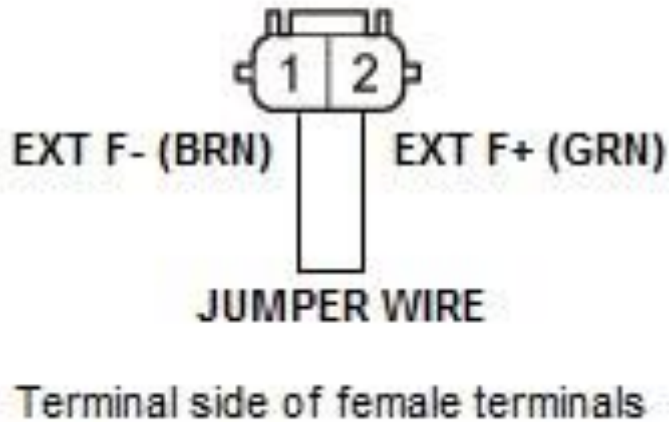
3. Open wire check (EXT F+, EXT F- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Front interior LF antenna 2P connector No. 2 (GRN)
Terminal B	Front interior LF antenna 2P connector No. 1 (BRN)

FRONT INTERIOR LF ANTENNA 2P CONNECTOR



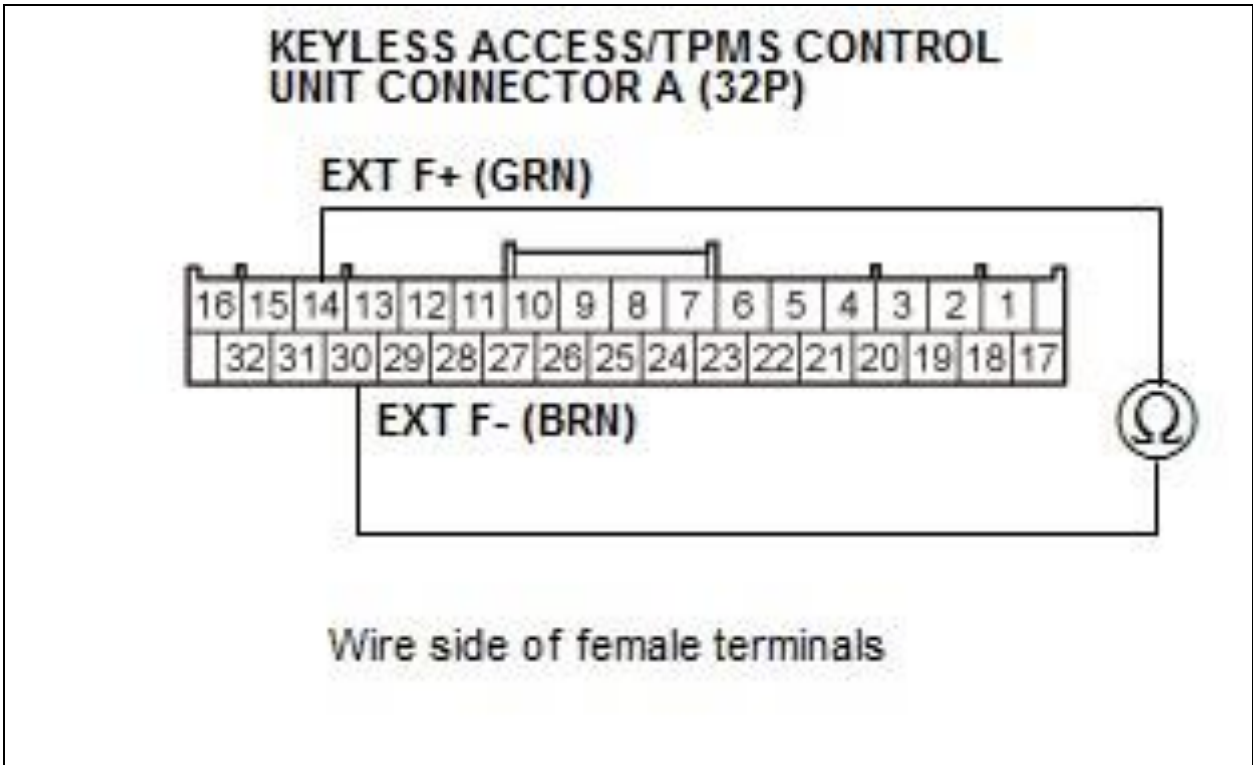
Courtesy of HONDA, U.S.A., INC.

- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Front interior LF antenna 2P connector: disconnected Front interior LF antenna 2P connector No. 1 and No. 2: jumped
Test circuit	EXT F+, EXT F-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 14 (GRN)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 30 (BRN)



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

Is there continuity?

YES

The EXT F+ and EXT F- wires are OK. Replace the keyless access/TPMS control unit . **NO**
Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC B1662: MIDDLE INTERIOR ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1662 Middle Interior Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1662 Middle Interior Antenna Circuit Open or Short	

Is DTC B1662 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT M+, EXT M- lines):

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

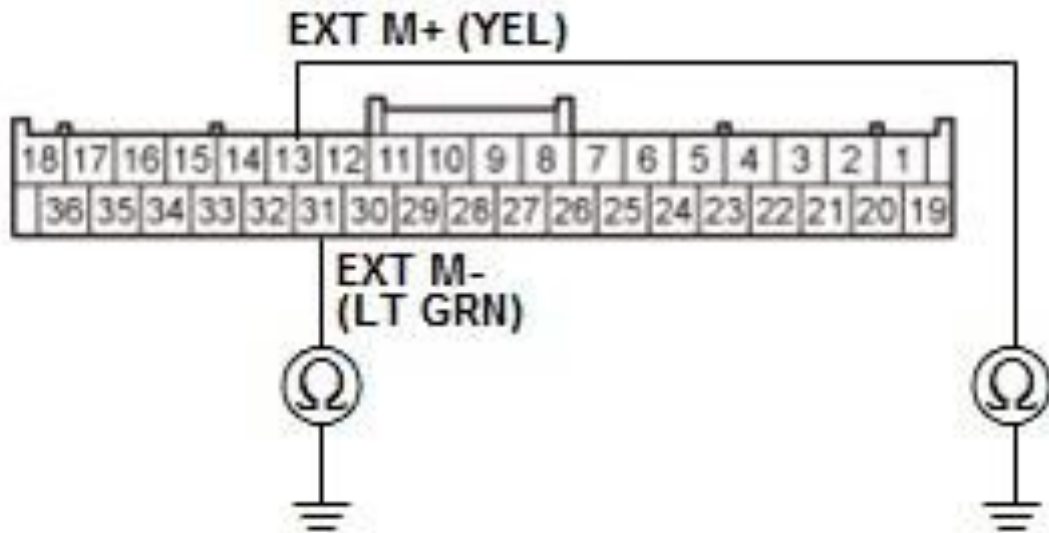
2. Disconnect the following connectors.

Keyless access control unit connector A (36P)
Middle interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Middle interior LF antenna 2P connector: disconnected
Test circuit	EXT M+
Test point 1	Keyless access control unit connector A (36P) No. 13 (YEL)
Test point 2	Body ground
Test circuit	EXT M-
Test point 1	Keyless access control unit connector A (36P) No. 31 (LT GRN)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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

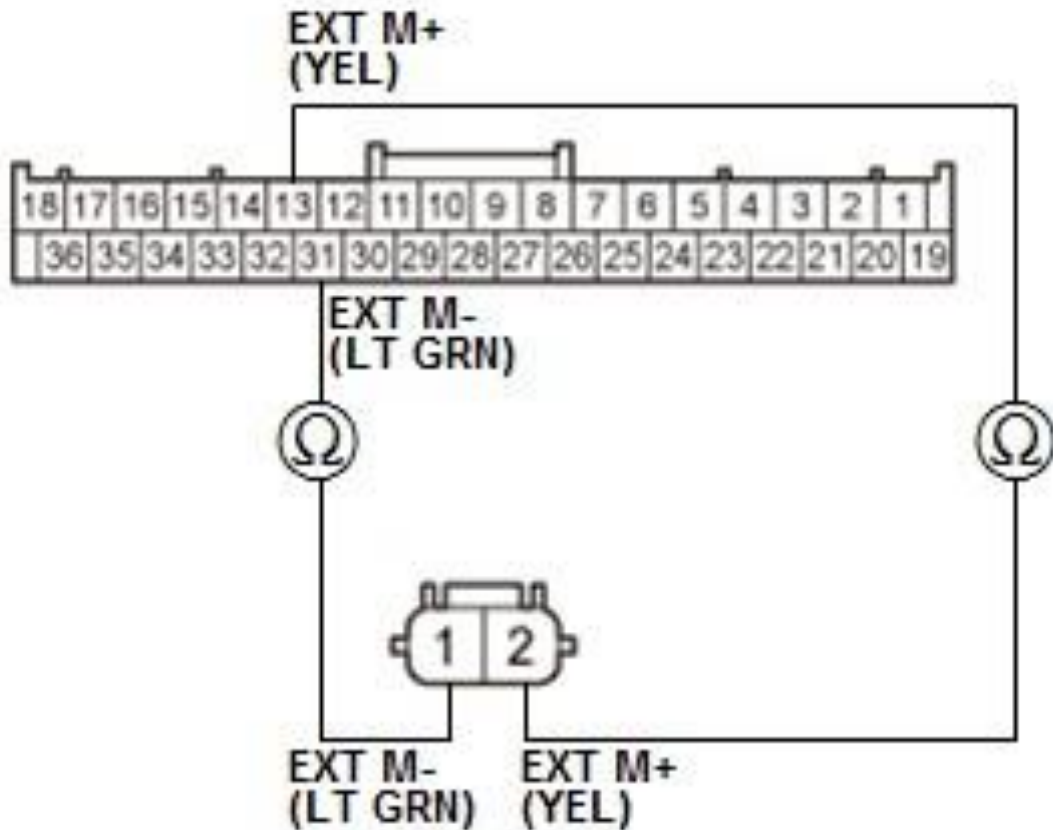
The EXT M+ and EXT M- wires are not shorted. Go to step 3.

3. Open wire check (EXT M+, EXT M- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Middle interior LF antenna 2P connector: disconnected
Test circuit	EXT M+
Test point 1	Keyless access control unit connector A (36P) No. 13 (YEL)
Test point 2	Middle interior LF antenna 2P connector No. 2 (YEL)
Test circuit	EXT M-
Test point 1	Keyless access control unit connector A (36P) No. 31 (LT GRN)
Test point 2	Middle interior LF antenna 2P connector No. 1 (LT GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)
Wire side of female terminals



MIDDLE INTERIOR LF ANTENNA 2P CONNECTOR
Terminal side of female terminals

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

Is there continuity?

YES

The EXT M+ and EXT M- wires are not open. Go to step 4.

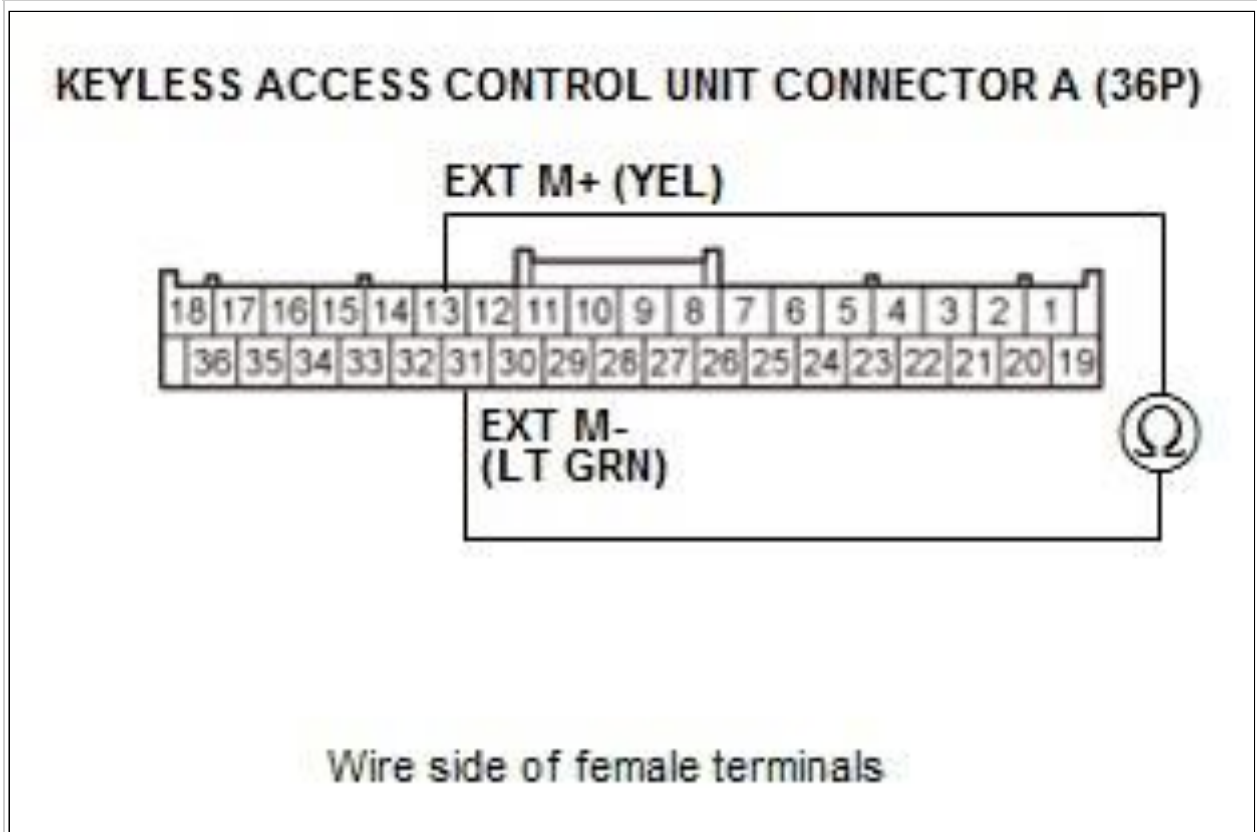
NO

Repair an open or high resistance in the wire.

4. Shorted wire check (EXT M+ line to EXT M- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Middle interior LF antenna 2P connector: disconnected
----------------	----------------------------------------------------------------------------------------------------------------------------------

Test circuit	EXT M+, EXT M-
Test point 1	Keyless access control unit connector A (36P) No. 13 (YEL)
Test point 2	Keyless access control unit connector A (36P) No. 31 (LT GRN)



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

Is there continuity?

YES

Repair a short in EXT M+ wire to EXT M- wire.

NO

The EXT M+ and EXT M- wires are OK. Go to step 5.

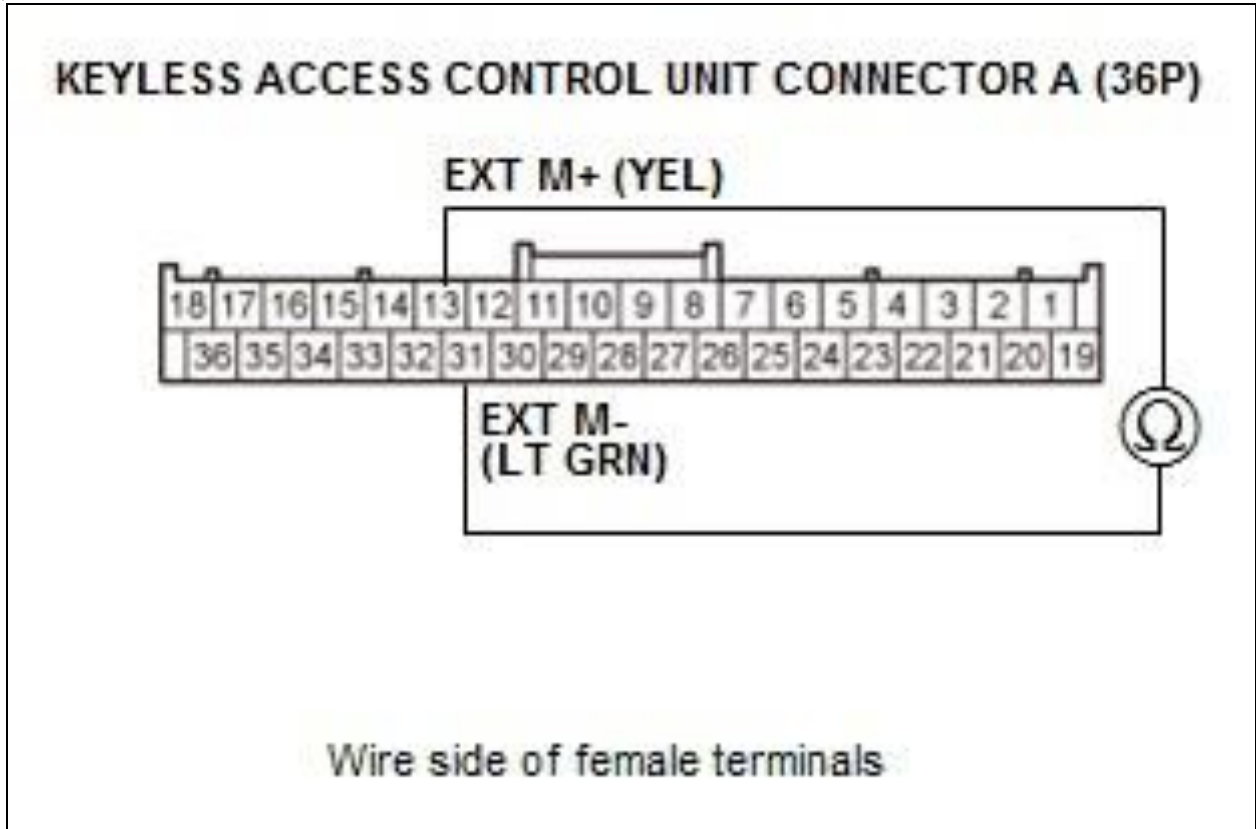
5. LF antenna internal resistance check (EXT M+ and EXT M-):

Reconnect the middle interior LF antenna 2P connector. - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) - 2.

Measure the resistance between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected
Test circuit	EXT M+, EXT M-
Test point 1	Keyless access control unit connector A (36P) No. 13 (YEL)

Test point 2	Keyless access control unit connector A (36P) No. 31 (LT GRN)
--------------	---------------------------------------------------------------



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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Replace the middle interior LF antenna - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

DTC TROUBLESHOOTING > DTC B1663: REAR INTERIOR LF ANTENNA CIRCUIT SHORT (2016-18)

DTC Description	DTC
B1663 Rear interior LF antenna circuit short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1663 Rear interior LF antenna circuit short	

Is DTC B1663 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT R+, EXT R- lines):

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

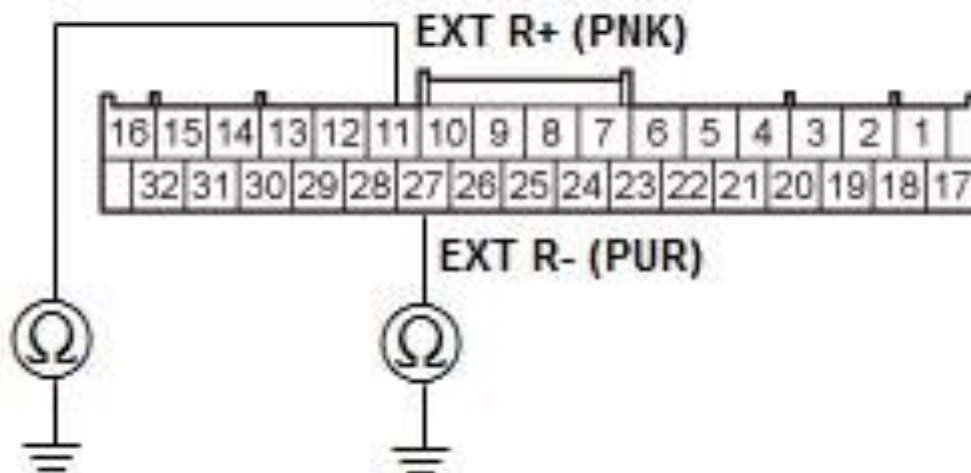
2. Disconnect the following connectors.

Keyless access/TPMS control unit connector A (32P)
Rear interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 11 (PNK)
Test point 2	Body ground
Test circuit	EXT R-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 27 (PUR)
Test point 2	Body ground

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



Wire side of female terminals

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

Is there continuity?

YES

Repair a short to ground in the wire.

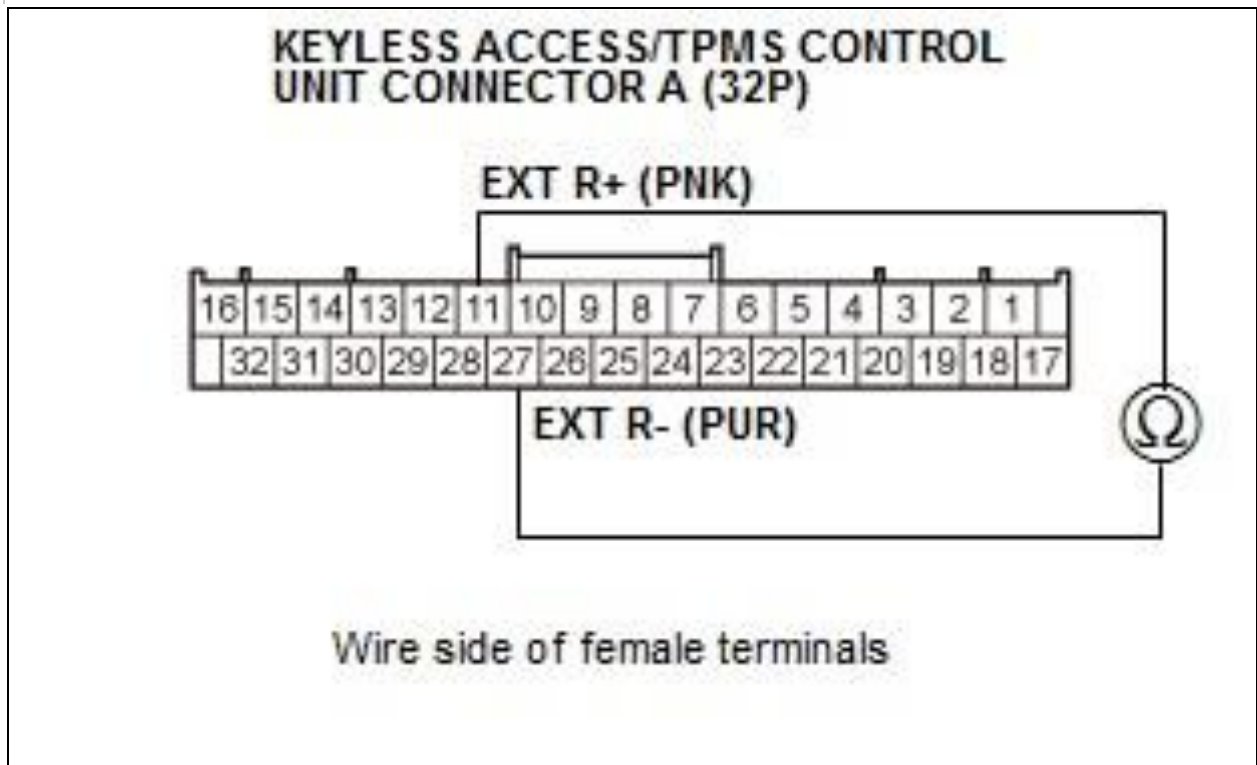
NO

The EXT R+ and EXT R- wires are not shorted. Go to step 3.

3. Shorted wire check (EXT R+ to EXT R- line):

Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+, EXT R-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 11 (PNK)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 27 (PUR)



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

Is there continuity?

YES

Repair a short in EXT R+ to EXT R- wire.

NO

The EXT R+ and EXT R- wires are OK. Go to step 4.

4. Keyless access/TPMS control unit EXT R+, EXT R- line output check: Reconnect the following connector.

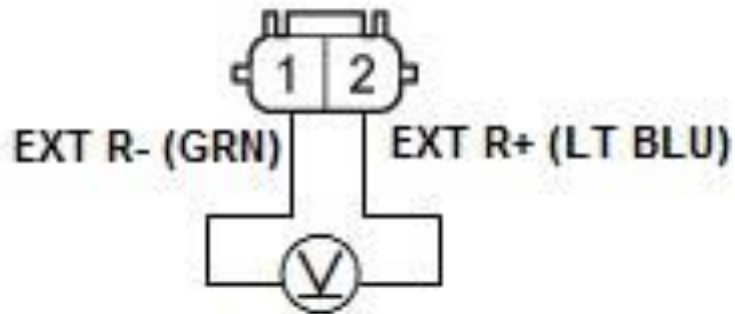
Keyless access/TPMS control unit connector A (32P)

- 2. Press the engine start/stop button to select the ON mode.
- 3. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
- 4. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS

Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+, EXT R-
Test point 1	Rear interior LF antenna 2P connector No. 2 (LT BLU)
Test point 2	Rear interior LF antenna 2P connector No. 1 (GRN)

REAR INTERIOR LF ANTENNA 2P CONNECTOR



Terminal side of female terminals

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

- 5. Select REAR INTERIOR ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Replace the rear interior LF antenna - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) . **NO**

Replace the keyless access/TPMS control unit .

DTC TROUBLESHOOTING > DTC B1664: REAR INTERIOR ANTENNA CIRCUIT OPEN OR SHORT (2013-15)

DTC Description	DTC
B1664 Rear Interior Antenna Circuit Open or Short	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the MODE MENU from the HDS, then enter the SELF CHECK.- 3. One-Push - SMART KEY UNIT - SELF CHECK Do the SELF CHECK.

- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1664 Rear Interior Antenna Circuit Open or Short	

Is DTC B1664 indicated?

YES

Go to step 2.

NO

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

2. Shorted wire check (EXT R+, EXT R- lines):

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

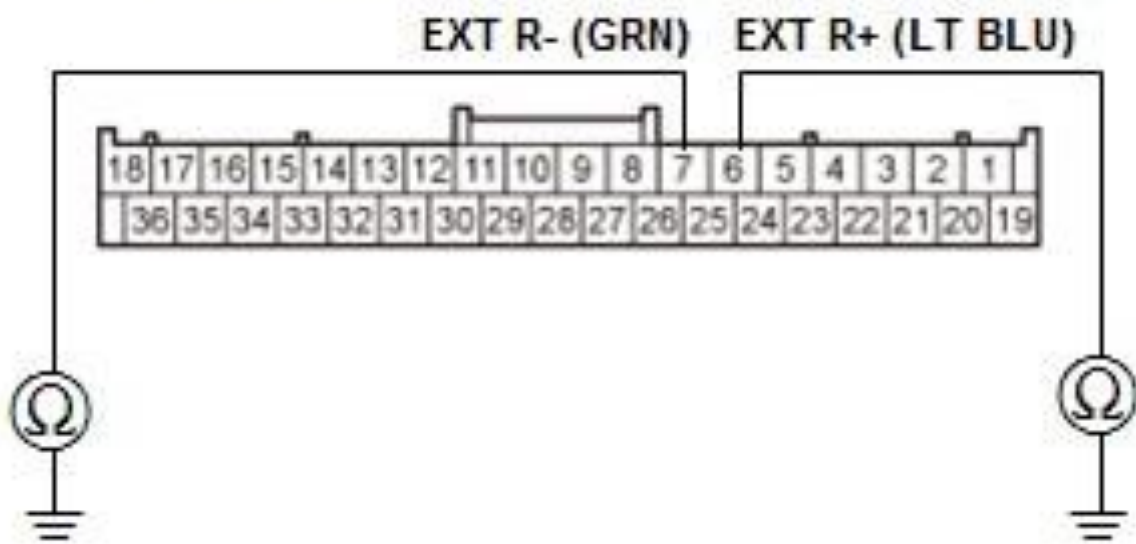
2. Disconnect the following connectors.

Keyless access control unit connector A (36P)
Rear interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

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

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+
Test point 1	Keyless access control unit connector A (36P) No. 6 (LT BLU)
Test point 2	Body ground
Test circuit	EXT R-
Test point 1	Keyless access control unit connector A (36P) No. 7 (GRN)
Test point 2	Body ground

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



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 EXT R+ and EXT R- wires are not shorted. Go to step 3.

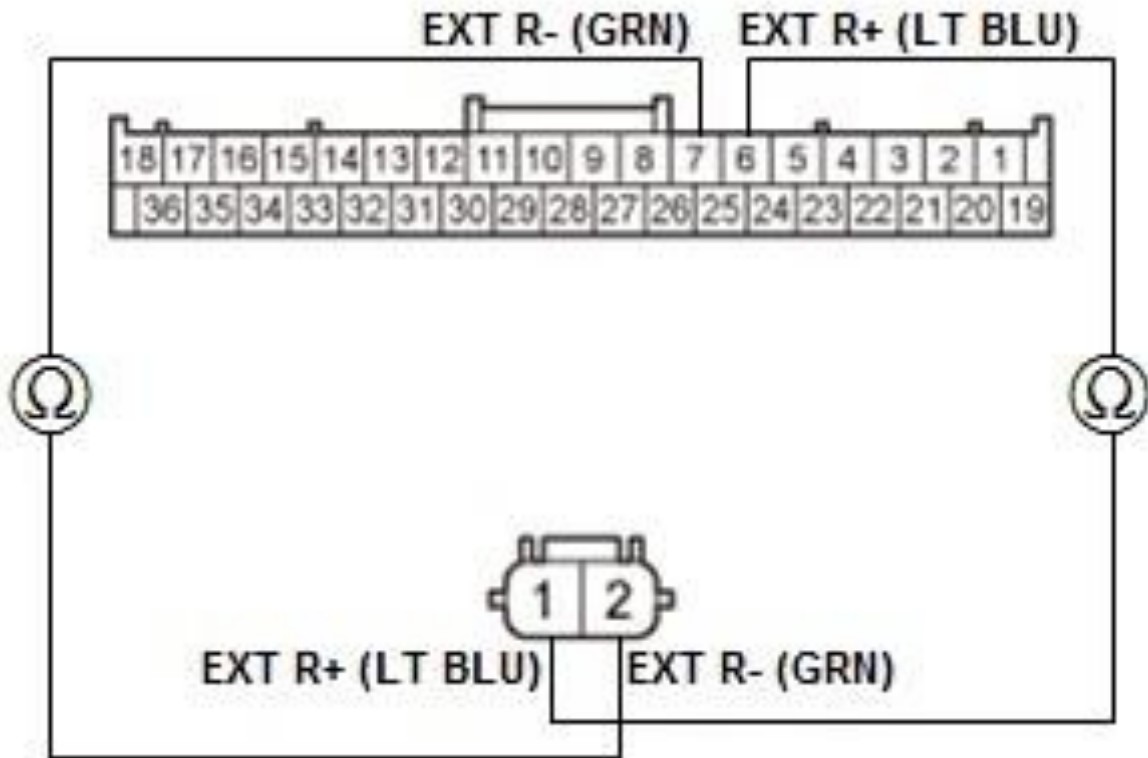
3. Open wire check (EXT R+, EXT R- lines):

Check for continuity between test points 1 and 2 respectively.

Test condition	OFF modeKeyless access control unit connector A (36P): disconnectedRear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+
Test point 1	Keyless access control unit connector A (36P) No. 6 (LT BLU)
Test point 2	Rear interior LF antenna 2P connector No. 1 (LT BLU)
Test circuit	EXT R-
Test point 1	Keyless access control unit connector A (36P) No. 7 (GRN)
Test point 2	Rear interior LF antenna 2P connector No. 2 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)

Wire side of female terminals



REAR INTERIOR LF ANTENNA 2P CONNECTOR

Terminal side of female terminals

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

Is there continuity?

YES

The EXT R+ and EXT R- wires are not open. Go to step 4.

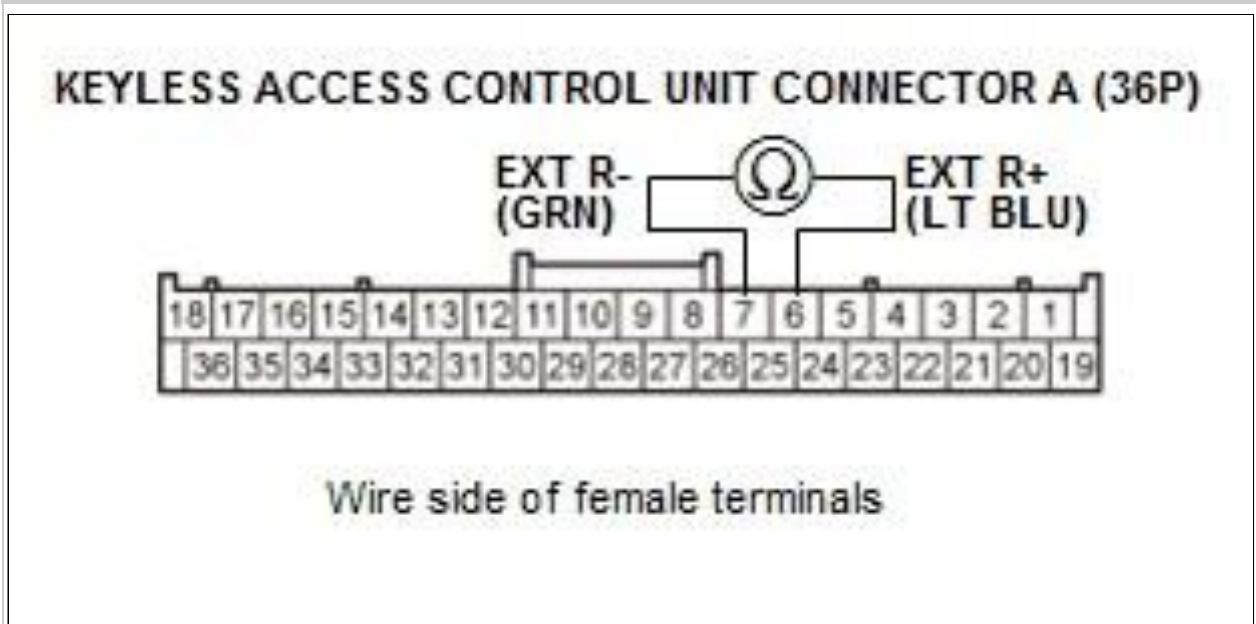
NO

Repair an open or high resistance in the wire.

4. Shorted wire check (EXT R+ line to EXT R- line): Check for continuity between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+, EXT R-
Test point 1	Keyless access control unit connector A (36P) No. 6 (LT BLU)

Test point 2	Keyless access control unit connector A (36P) No. 7 (GRN)
--------------	-----------------------------------------------------------



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

Is there continuity?

YES

Repair a short in EXT R+ wire to EXT R- wire.

NO

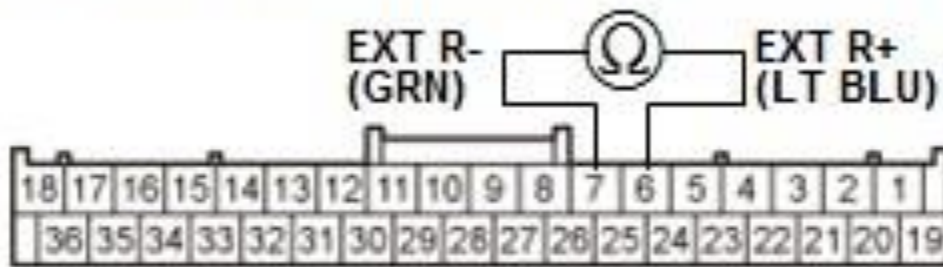
The EXT R+ and EXT R- wires are OK. Go to step 5.

5. LF antenna internal resistance check (EXT R+ and EXT R-):

Reconnect the rear interior LF antenna 2P connector. - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) - 2. Measure the resistance between test points 1 and 2.

Test condition	OFF mode Keyless access control unit connector A (36P): disconnected
Test circuit	EXT R+, EXT R-
Test point 1	Keyless access control unit connector A (36P) No. 6 (LT BLU)
Test point 2	Keyless access control unit connector A (36P) No. 7 (GRN)

KEYLESS ACCESS CONTROL UNIT CONNECTOR A (36P)



Wire side of female terminals

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

Is there 1-5 --

YES

Replace the keyless access control unit .

NO

Replace the rear interior LF antenna - Refer to: Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

DTC TROUBLESHOOTING > DTC B1664: REAR INTERIOR LF ANTENNA CIRCUIT OPEN (2016-18)

DTC Description	DTC
B1664 Rear interior LF antenna circuit open	

DTC (Keyless Access Control Unit)

1. Problem verification:

Clear the DTCs with the HDS.

Clear DTCs

- 2. Select the KEYLESS ACCESS CONTROL UNIT from the ONE-PUSH START system select menu with the HDS, and enter the SELF CHECK.
- 3. One-Push - KEYLESS ACCESS CONTROL UNIT - SELF CHECK Do the SELF CHECK.
- 4. Check for DTCs with the HDS.

DTC Description	DTC
B1664 Rear interior LF antenna circuit open	

Is DTC B1664 indicated?

YES

Go to step 2.

NO

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

2. Keyless access/TPMS control unit EXT R+, EXT R- line output check:

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

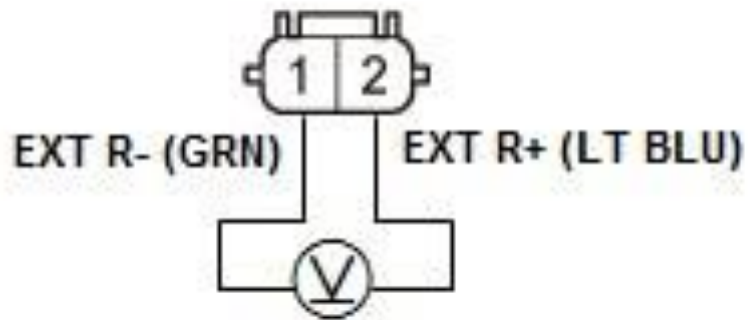
- 2. Disconnect the following connector.

Rear interior LF antenna 2P connector - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18)

- 3. Press the engine start/stop button to select the ON mode.
 - 4. Select KEYLESS ACCESS CONTROL from the ONE-PUSH START system select menu with the HDS, and enter FUNCTIONAL TESTS.
 - 5. One-Push - KEYLESS ACCESS CONTROL UNIT - FUNCTIONAL TESTS
- Connect the voltmeter to test points 1 and 2.

Test condition	ON mode Rear interior LF antenna 2P connector: disconnected
Test circuit	EXT R+, EXT R-
Test point 1	Rear interior LF antenna 2P connector No. 2 (LT BLU)
Test point 2	Rear interior LF antenna 2P connector No. 1 (GRN)

REAR INTERIOR LF ANTENNA 2P CONNECTOR



Terminal side of female terminals

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

- 6. Select REAR INTERIOR ANTENNA L DC OUTPUT with the HDS. Is there voltage?

YES

Replace the rear interior LF antenna - Refer to: Keyless Access LF Antenna (Middle Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Bumper) Removal and Installation (2013-18), or Keyless Access LF Antenna (Front Interior) Removal and Installation (2013-18), or Keyless Access LF Antenna (Rear Interior) Removal and Installation (2013-18) .

NO

Go to step 3.

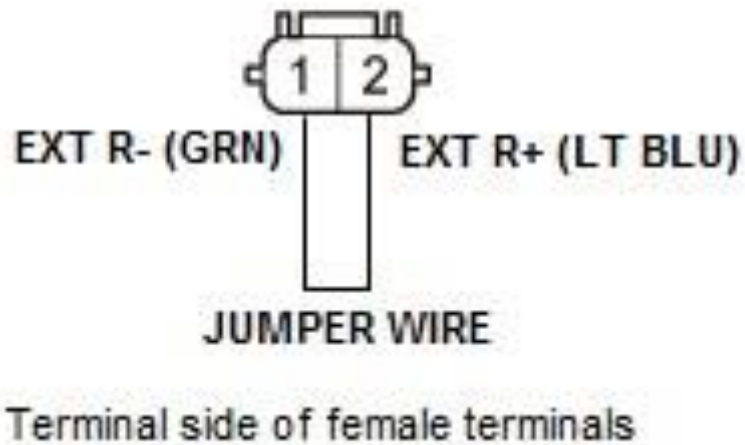
3. Open wire check (EXT R+, EXT R- lines):

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

2. Connect terminals A and B with a jumper wire.

Terminal A	Rear interior LF antenna 2P connector No. 2 (LT BLU)
Terminal B	Rear interior LF antenna 2P connector No. 1 (GRN)

REAR INTERIOR LF ANTENNA 2P CONNECTOR



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

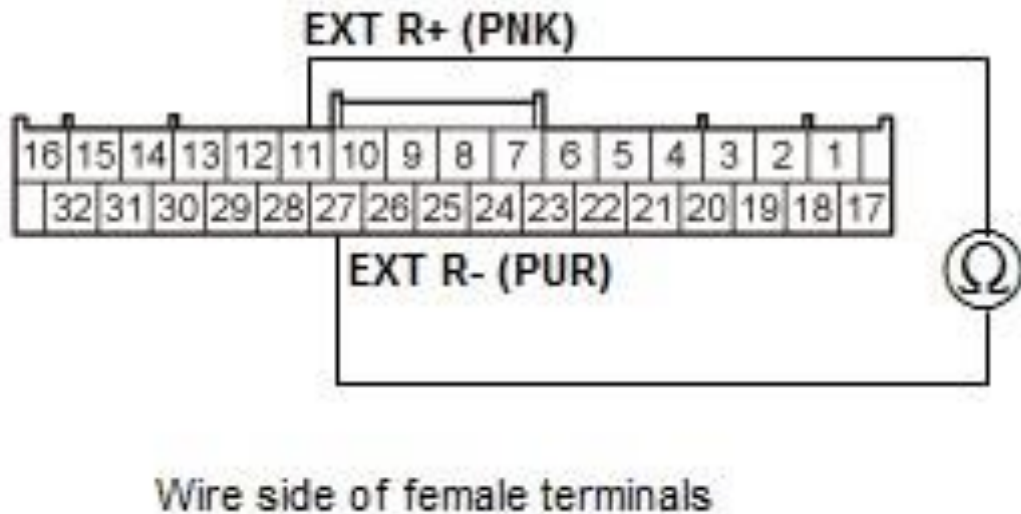
- 3. Disconnect the following connector.

Keyless access/TPMS control unit connector A (32P)

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

Test condition	OFF mode Keyless access/TPMS control unit connector A (32P): disconnected Rear interior LF antenna 2P connector: disconnected Rear interior LF antenna 2P connector No. 1 and No. 2: jumped
Test circuit	EXT R+, EXT R-
Test point 1	Keyless access/TPMS control unit connector A (32P) No. 11 (PNK)
Test point 2	Keyless access/TPMS control unit connector A (32P) No. 27 (PUR)

KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR A (32P)



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

Is there continuity?

YES

The EXT R+ and EXT R- wires are OK. Replace the keyless access/TPMS control unit . **NO**
Repair an open or high resistance in the wire.

DTC TROUBLESHOOTING > DTC U0199: KEYLESS ACCESS - P/W COMMUNICATION ERROR (2013-18)

DTC Description	DTC
U0199 Keyless Access - P/W Communication Error	

DTC (Keyless Access Control Unit)

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 Keyless Access - P/W Communication Error	

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.

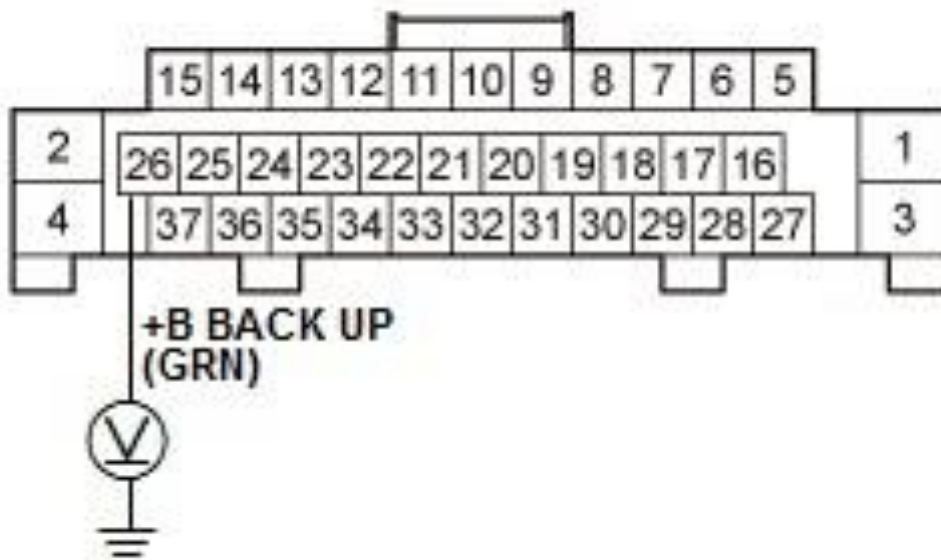
Power window master switch 37P connector

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

Test condition	OFF mode Power 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



Wire side of female terminals

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.

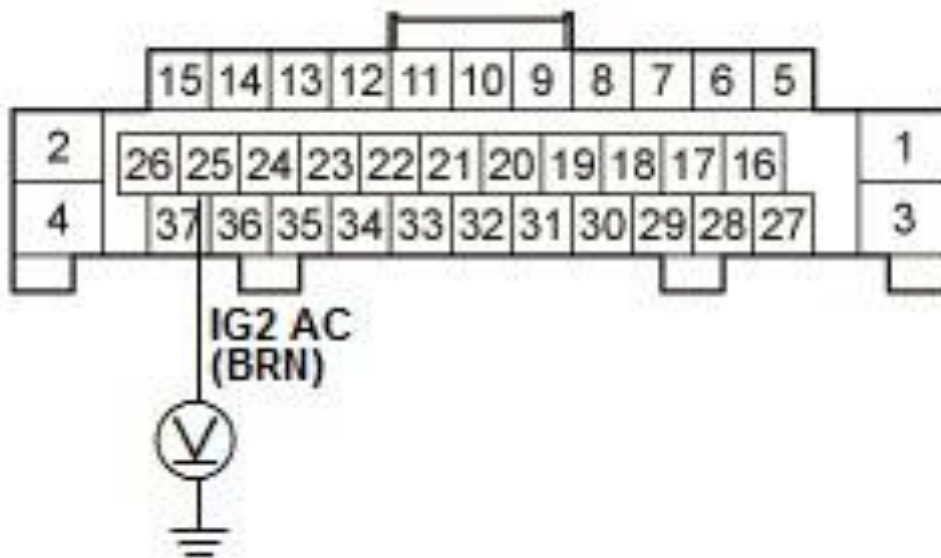
5. Open wire check (IG2 AC line):

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

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

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

POWER WINDOW MASTER SWITCH 37P CONNECTOR



Wire side of female terminals

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

Is there battery voltage?

YES

The IG2 AC wire is OK. Go to step 6.

NO

Repair an open or high resistance in the wire.

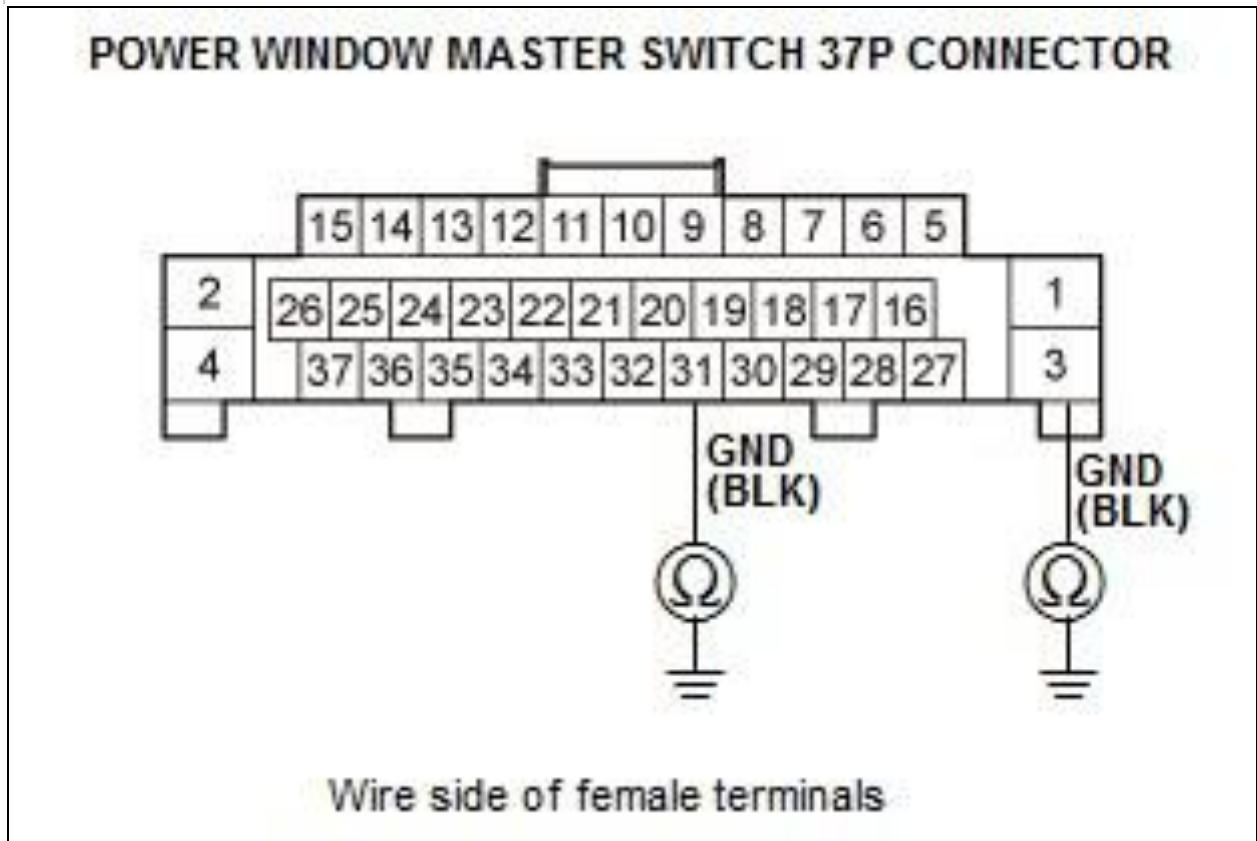
6. Open wire check (GND lines):

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



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).

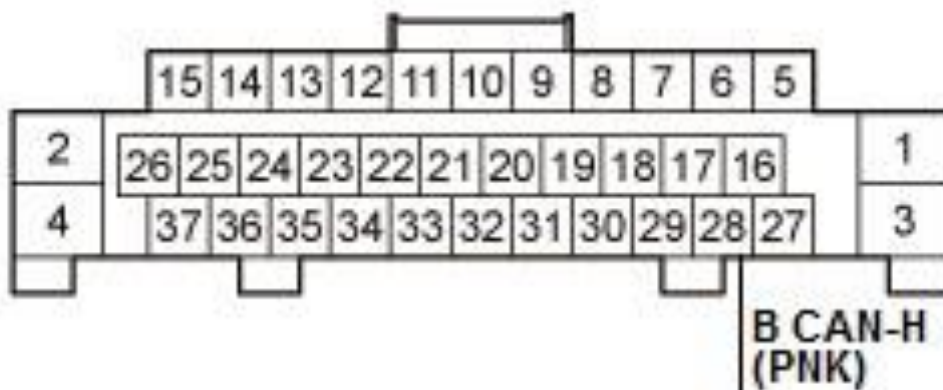
7. Open wire check (B CAN lines):
Disconnect the following connector.

Keyless access control unit connector B (32P)

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

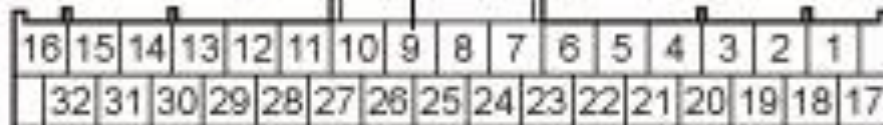
Test condition	OFF mode Power window master switch 37P connector: disconnected Keyless access control unit connector B (32P): disconnected
Test circuit	B CAN-H
Test point 1	Power window master switch 37P connector No. 28 (PNK)
Test point 2	Keyless access control unit connector B (32P) No. 9 (PNK)

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



B CAN-H
(PNK)

B CAN-H
(PNK)



KEYLESS ACCESS CONTROL UNIT CONNECTOR B (32P)
Wire side of female terminals

Is there continuity?

YES

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

NO

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

8. Open wire check (B CAN lines):

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

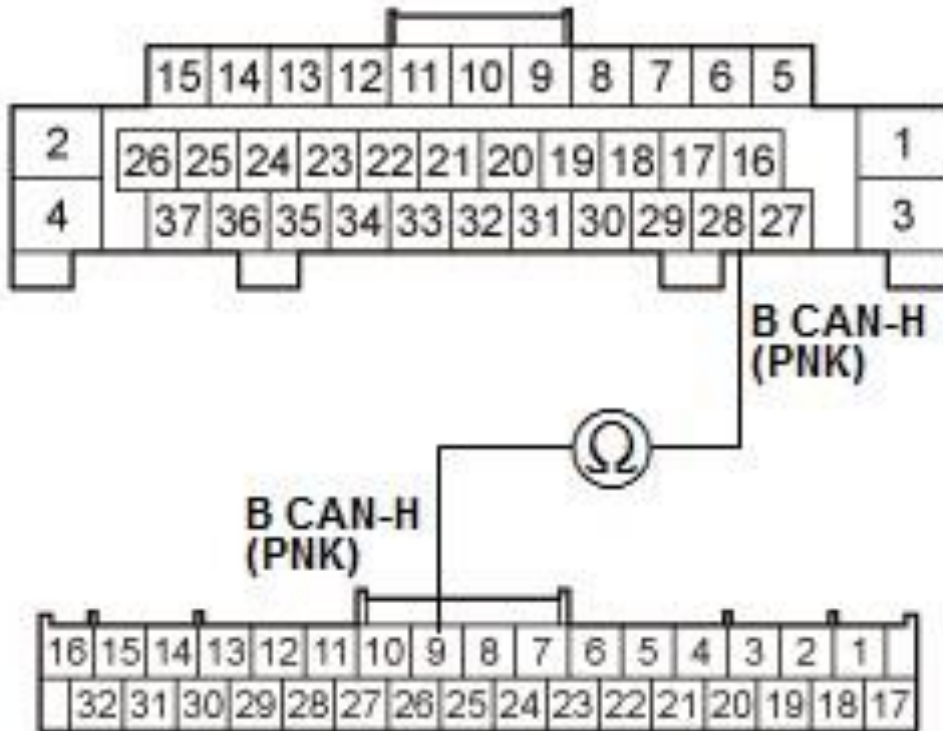
2. Disconnect the following connectors.

Power window master switch 37P connector
Keyless access control unit connector B (32P)

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

Test condition	OFF mode Power window master switch 37P connector: disconnected Keyless access control unit connector B (32P): disconnected
Test circuit	B CAN-H
Test point 1	Power window master switch 37P connector No. 28 (PNK)
Test point 2	Keyless access control unit connector B (32P) No. 9 (PNK)

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



KEYLESS ACCESS CONTROL UNIT CONNECTOR B (32P)
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 keyless access control unit and the power window master switch.

NO

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

DTC TROUBLESHOOTING > DTC U1280: KEYLESS ACCESS ECU BUS LINE ERROR (2013-15)

DTC Description	DTC
U1280 Keyless Access ECU Bus Line Error	

DTC (Keyless Access Control Unit)

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 Keyless Access ECU Bus Line Error	

Is DTC U1280 indicated?

YES

Go to MICU DTC U1280 troubleshooting .

NO

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

DTC TROUBLESHOOTING > DTC U1280: KEYLESS ACCESS ECU BUS LINE ERROR (2016-18)

DTC Description	DTC
U1280 Keyless Access ECU Bus Line Error	

DTC (Keyless Access Control Unit)

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 Keyless Access ECU Bus Line Error	

Is DTC U1280 indicated?

YES

Go to MICU DTC U1280 troubleshooting .

NO

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

DTC TROUBLESHOOTING > DTC U1281: KEYLESS ACCESS CONTROL UNIT LOST COMMUNICATION WITH MICU (2013-15)

DTC Description	DTC
U1281 Keyless Access Control Unit Lost Communication With MICU	

DTC (Keyless Access Control Unit)

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 Keyless Access Control Unit Lost Communication With MICU	

Is DTC U1281 indicated?

YES

Go to MICU DTC U1280 troubleshooting .

NO

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

DTC TROUBLESHOOTING > DTC U1281: KEYLESS ACCESS CONTROL UNIT LOST COMMUNICATION WITH MICU (2016-18)

DTC Description	DTC
U1281 Keyless Access Control Unit Lost Communication With MICU	

DTC (Keyless Access Control Unit)

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 Keyless Access Control Unit Lost Communication With MICU	

Is DTC U1281 indicated?

YES

Go to MICU DTC U1280 troubleshooting .

NO

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

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

DTC Description	DTC
U128D Keyless Access Control Unit Lost Communication With Gauge Control Module	

DTC (Keyless Access Control Unit)

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 Keyless Access 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 the No. B5 (7.5 A) fuse circuit(s).

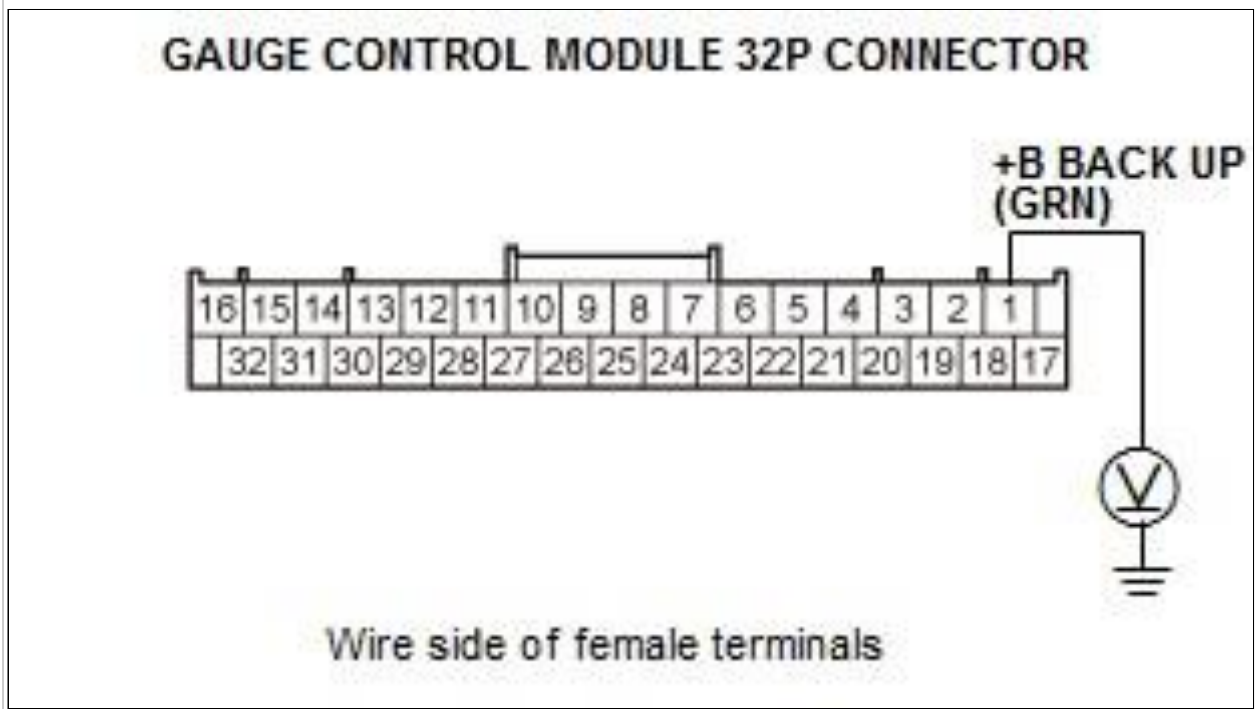
4. Open wire check (+B BACK UP line):
Press the engine start/stop button to select the OFF mode. -
2. Disconnect the following connector.

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.

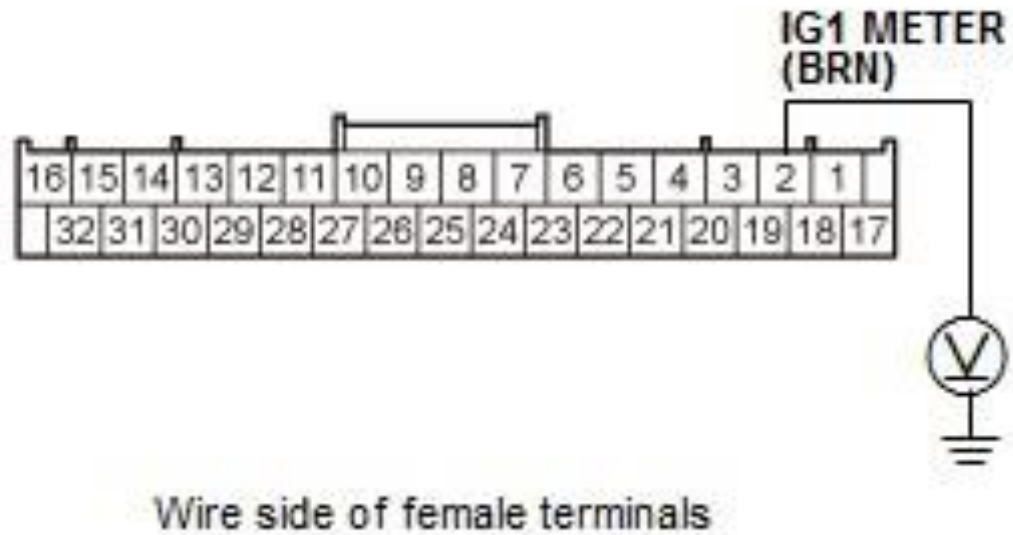
5. Open wire check (IG1 METER line):

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



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.

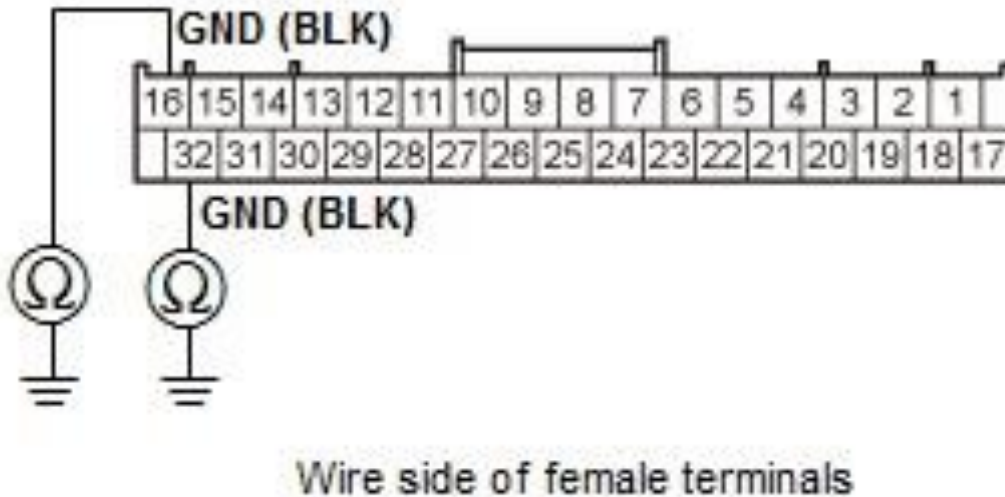
6. Open wire check (GND lines):

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

GAUGE CONTROL MODULE 32P 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 (G502).

7. Open wire check (B CAN lines):

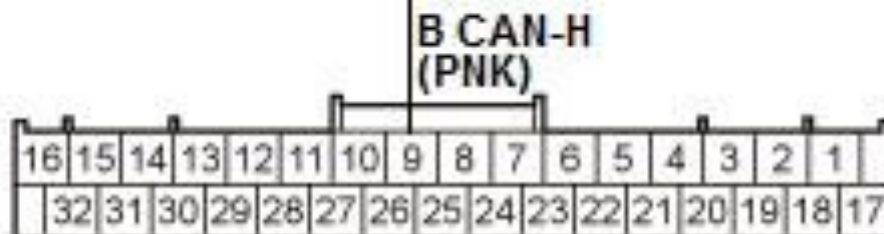
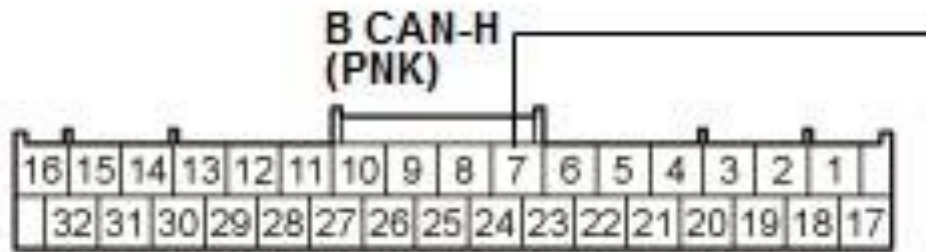
Disconnect the following connector.

Keyless access control unit connector B (32P)

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

Test condition	OFF mode Gauge control module 32P connector: disconnected Keyless access control unit connector B (32P): disconnected
Test circuit	B CAN-H
Test point 1	Gauge control module 32P connector No. 7 (PNK)
Test point 2	Keyless access control unit connector B (32P) No. 9 (PNK)

GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



KEYLESS ACCESS CONTROL UNIT CONNECTOR B (32P)
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 keyless access control unit and the gauge control module.

NO

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

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

Keyless access control unit connector B (32P)

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

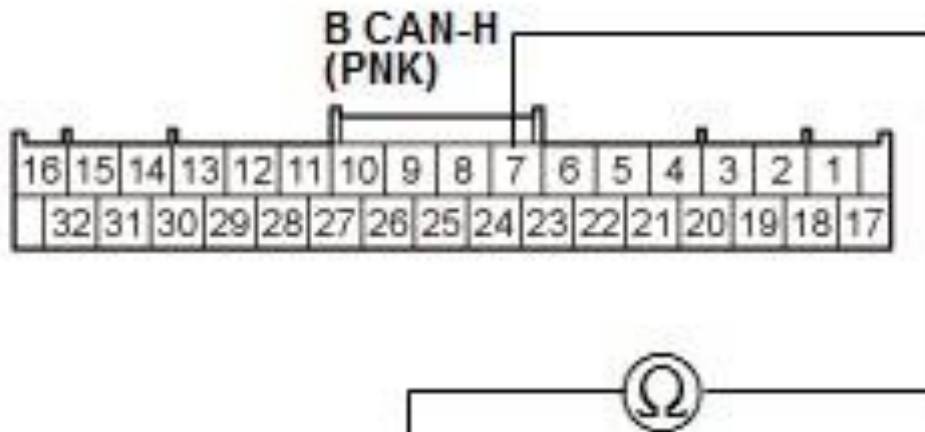
Test condition	OFF mode Gauge control module 32P connector: disconnected Keyless access control unit connector B (32P): disconnected
----------------	-----------------------------------------------------------------------------------------------------------------------------

Test circuit	B CAN-H
--------------	---------

Test point 1	Gauge control module 32P connector No. 7 (PNK)
--------------	------------------------------------------------

Test point 2	Keyless access control unit connector B (32P) No. 9 (PNK)
--------------	-----------------------------------------------------------

GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



KEYLESS ACCESS CONTROL UNIT CONNECTOR B (32P)
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 keyless access control unit and the gauge control module.

NO

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

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

DTC Description	DTC
U128D Keyless Access Control Unit Lost Communication with Gauge Control Module	

DTC (Keyless Access Control Unit)

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 Keyless Access 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 5.

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

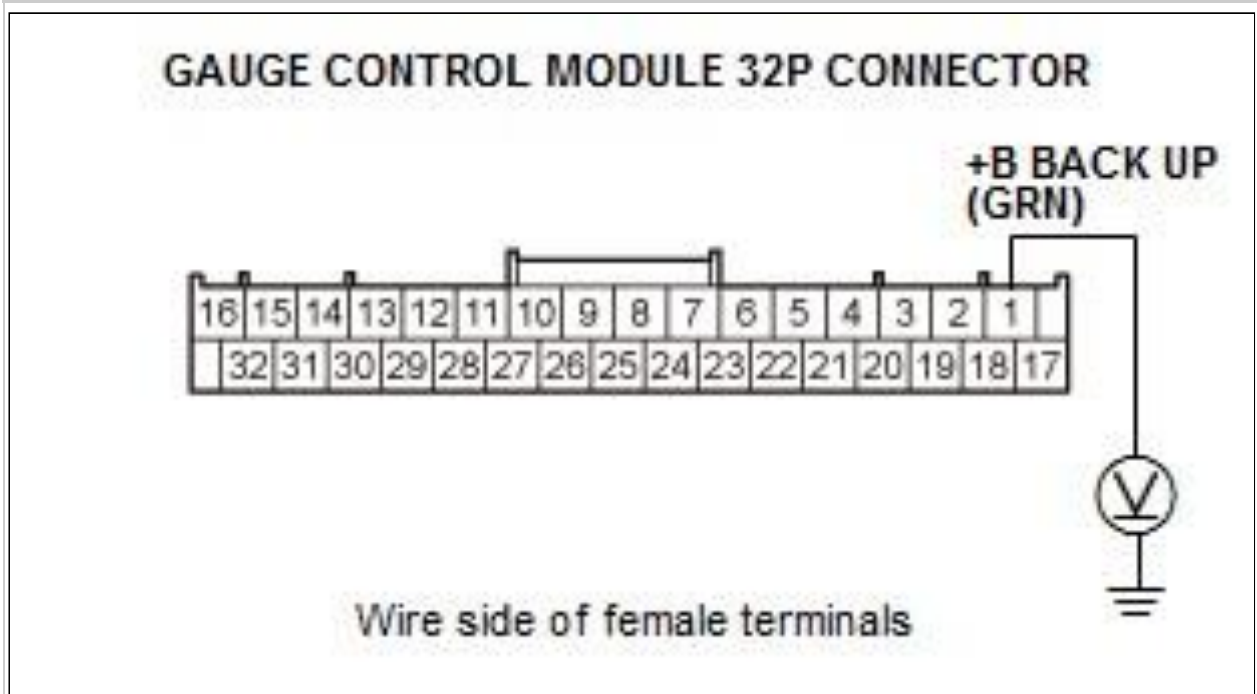
Replace the fuse. If the fuse blows again, repair a short to ground in the No. A29 (10 A) fuse circuit.

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 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

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.

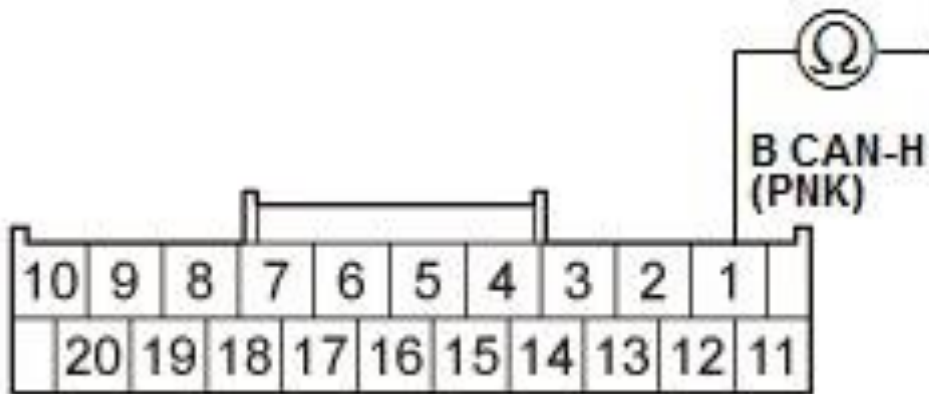
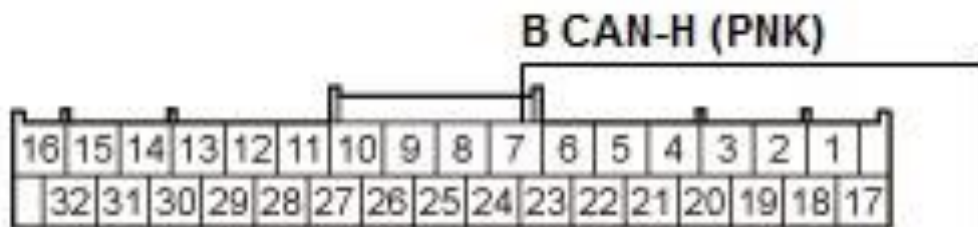
Keyless access/TPMS control unit connector C (20P)

- 3. 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 Keyless access/TPMS control unit connector C (20P): disconnected
Test circuit	B CAN-H
Test point 1	Gauge control module 32P connector No. 7 (PNK)
Test point 2	Keyless access/TPMS control unit connector C (20P) No. 1 (PNK)

GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals

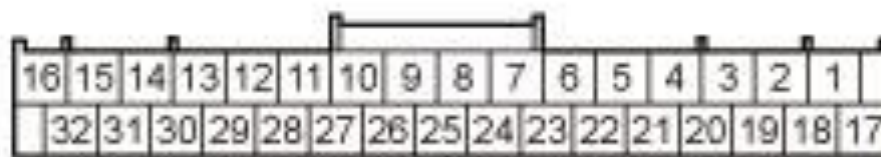


KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR C (20P)
Wire side of female terminals

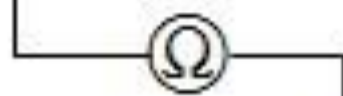
With color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Keyless access/TPMS control unit connector C (20P): disconnected
Test circuit	B CAN-H
Test point 1	Gauge control module 32P connector No. 25 (PNK)
Test point 2	Keyless access/TPMS control unit connector C (20P) No. 1 (PNK)

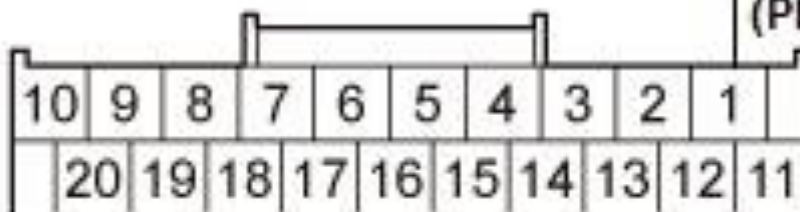
GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



**B CAN-H
(PNK)**



**B CAN-H
(PNK)**



**KEYLESS ACCESS/TPMS CONTROL
UNIT CONNECTOR C (20P)**

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 keyless access/TPMS control unit.

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

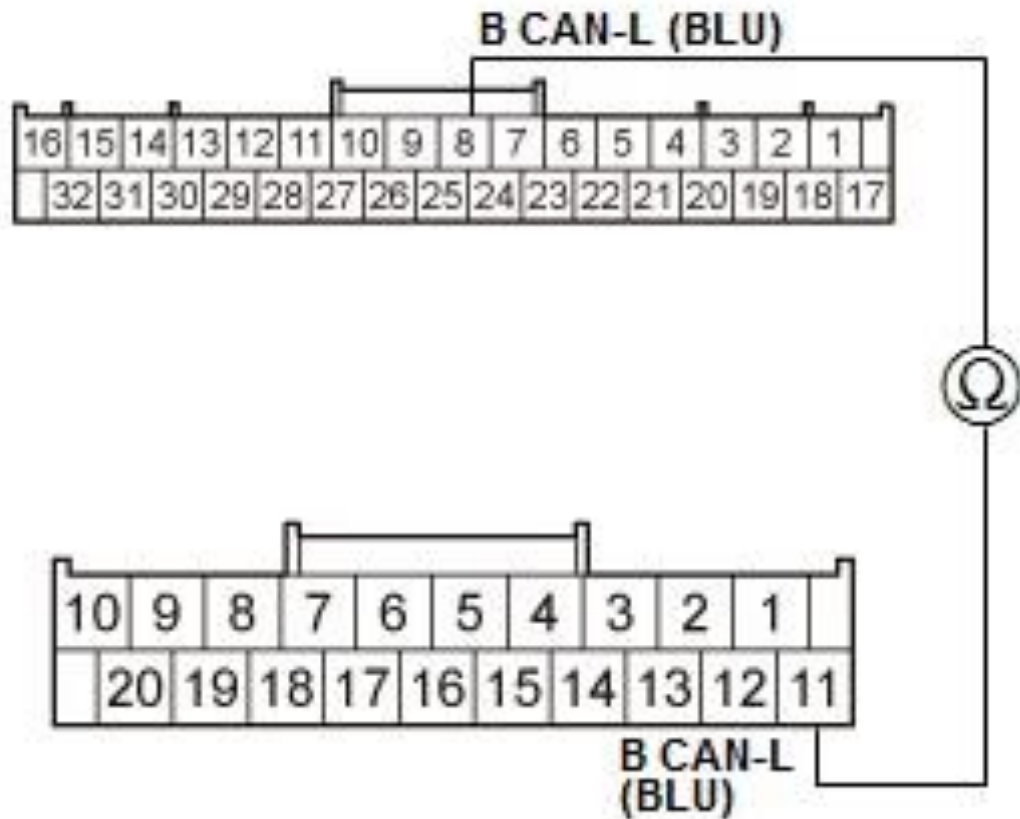
Check for continuity between test points 1 and 2.

Without color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Keyless access/TPMS control unit connector C (20P): disconnected
Test circuit	B CAN-L
Test point 1	Gauge control module 32P connector No. 8 (BLU)
Test point 2	Keyless access/TPMS control unit connector C (20P) No. 11 (BLU)

GAUGE CONTROL MODULE 32P CONNECTOR

Wire side of female terminals



KEYLESS ACCESS/TPMS CONTROL UNIT CONNECTOR C (20P)

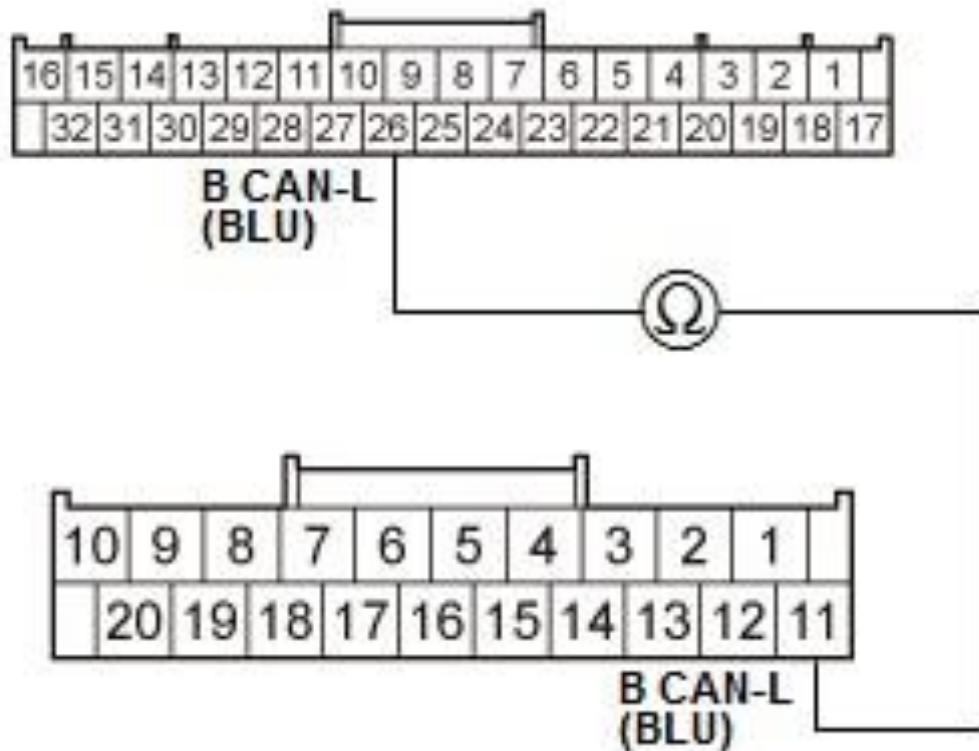
Wire side of female terminals

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

With color multi-information display (MID)

Test condition	OFF mode Gauge control module 32P connector: disconnected Keyless access/TPMS control unit connector C (20P): disconnected
Test circuit	B CAN-L
Test point 1	Gauge control module 32P connector No. 26 (BLU)
Test point 2	Keyless access/TPMS control unit connector C (20P) No. 11 (BLU)

GAUGE CONTROL MODULE 32P CONNECTOR
Wire side of female terminals



**KEYLESS ACCESS/TPMS CONTROL
UNIT CONNECTOR C (20P)**
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 keyless access/TPMS control unit .

NO

An open or poor connection in the B CAN-L wire between the gauge control module and the keyless access/TPMS control unit.