

2012 ACCESSORIES & EQUIPMENT

AcuraLink® - TL

COMPONENT LOCATION INDEX

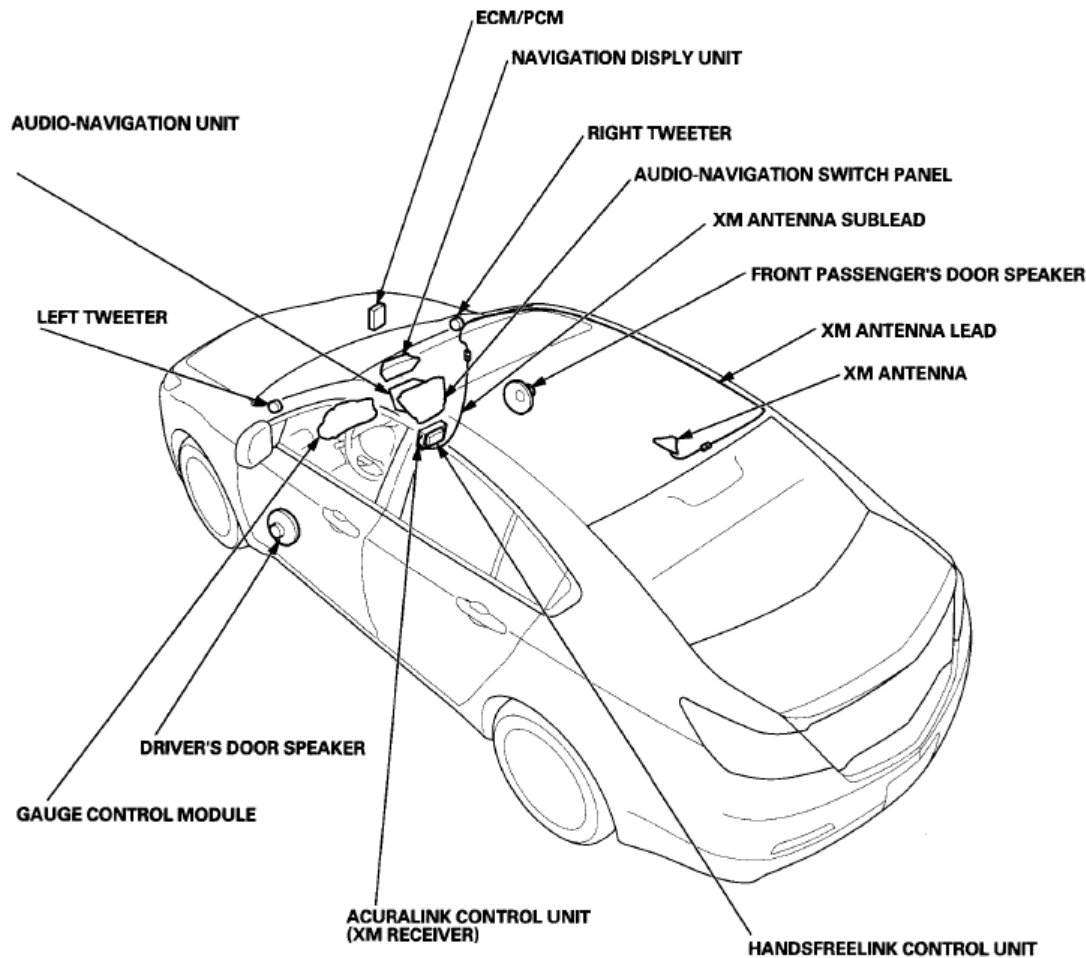


Fig. 1: AcuraLink® System Components Location
Courtesy of AMERICAN HONDA MOTOR CO., INC.

GENERAL TROUBLESHOOTING INFORMATION

HOW TO CHECK FOR DTCS WITH THE HDS

NOTE: Check the vehicle battery condition first (see **BATTERY TEST**).

1. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
2. Connect the HDS to the data link connector (DLC) (A) located under the driver's side of the dashboard.

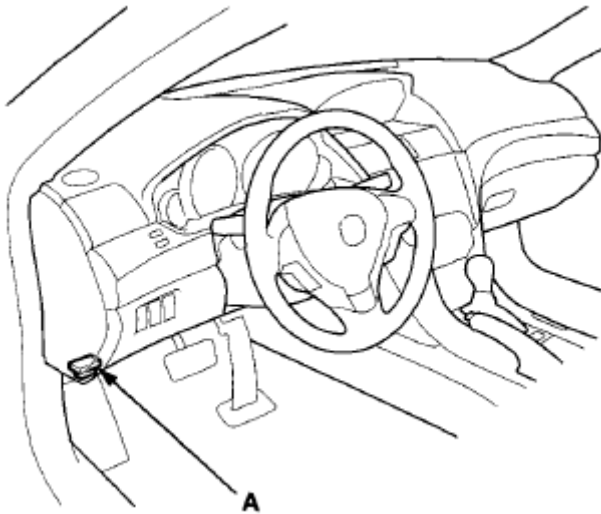


Fig. 2: Locating Data Link Connector (DLC)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
4. Make sure the HDS communicates with the vehicle and the AcuraLink® control unit (XM receiver). If it does not, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING**).
5. Select XM/HIP in the BODY ELECTRICAL menu.
6. Select DTCs in the XM/HIP menu.
7. Check for DTCs. If any DTCs are indicated, write down the DTCs, then go to the indicated **DTC TROUBLESHOOTING**. If no DTCs are indicated, refer to **SYMPTOM TROUBLESHOOTING**.

NOTE:

- After troubleshooting, clear the DTCs with the HDS.
- For specific operations, refer to the user's manual that came with the HDS.

LEVER-LOCKED CONNECTOR

Disconnecting

To disconnect the connector, pull the lever (A) while pushing the lock tab (B) down, then pull the connector (C).

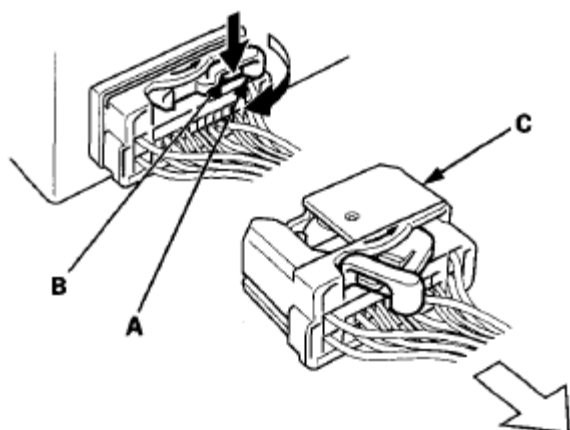


Fig. 3: Disconnecting Lever-Locked Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Connecting

To connect the connector, push the connector into the connector sleeve (A). As the connector is pressed in, the lever (B) moves to the locked position.

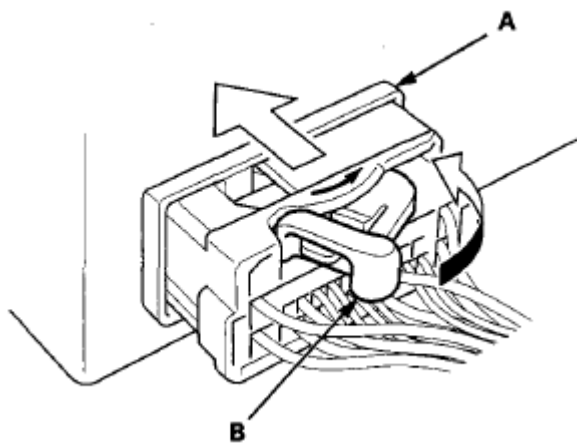


Fig. 4: Connecting Lever-Locked Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC TROUBLESHOOTING INDEX

AcuraLink® CONTROL UNIT

DTC	Description	DTC Type
B2240	XM Antenna line failure	Internal error
U0100	F-CAN Lost communication with ECM/PCM	Loss of communication
U0155	F-CAN Lost communication with Gauge Control Module	Loss of communication

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<u>U1280</u>	Communication bus line error (BUS-OFF)	Loss of communication
<u>U128D</u>	Lost Communication with Gauge Control Module	Loss of communication

SYMPTOM TROUBLESHOOTING INDEX

Symptom	Diagnostic Procedure	Also Check for
AcuraLink® services do not work	Symptom Troubleshooting (see <u>AcuraLink® SERVICES DO NOT WORK</u>)	• Blown fuse No. 15(10 A) in the under-hood fuse/relay box and No. 12 (7.5 A), No. 18 (7.5 A) in the driver's under-dash fuse/relay box • Poor ground at G501
AcuraLink® services do not work after replacing the AcuraLink® control unit (XM receiver)		• Call Acura Client Services and request an activation. • Call XM customer service and register the replacement AcuraLink® control unit (XM receiver).
AcuraLink® messages cannot be heard or are weak	Symptom Troubleshooting (see <u>AcuraLink® MESSAGES CANNOT BE HEARD OR ARE WEAK</u>)	
Traffic or Weather information is not shown on map screen	Navigation System Symptom Troubleshooting (see <u>TRAFFIC OR WEATHER INFORMATION IS NOT SHOWN ON MAP SCREEN</u>)	
AcuraLink® messages cannot be deleted	How to Delete Stored AcuraLink® Messages (see <u>MESSAGE DELETE PROCEDURE (CLIENT)</u>)	

SYSTEM DESCRIPTION

AcuraLink® Satellite Communication System uses the client's cell phone or XM radio to transmit and receive information about the vehicle. In addition, the AcuraLink® system is also able to initiate voice or data calls with the HandsFreeLink control unit.

The AcuraLink® control unit (XM receiver) is very similar in design to an XM receiver, but it has additional communication features. The main functions include:

- Receiving and playing XM stations. Displaying station, song title and other information on the audio-HVAC subdisplay using the GA-Net bus.
- Receiving XM traffic channel data.

- Gives Feature Guide tips.
- Receiving AcuraLink® messages and displaying them in the navigation display.
- Processing DTC (diagnostic trouble code) error messages from the ECM/PCM, the SRS, and other systems, and displaying them on the navigation display.
- Sending DTC information to the AcuraLink® servers using the client's cell phone (only if the client has set up and enabled this option).
- Receiving weather data.

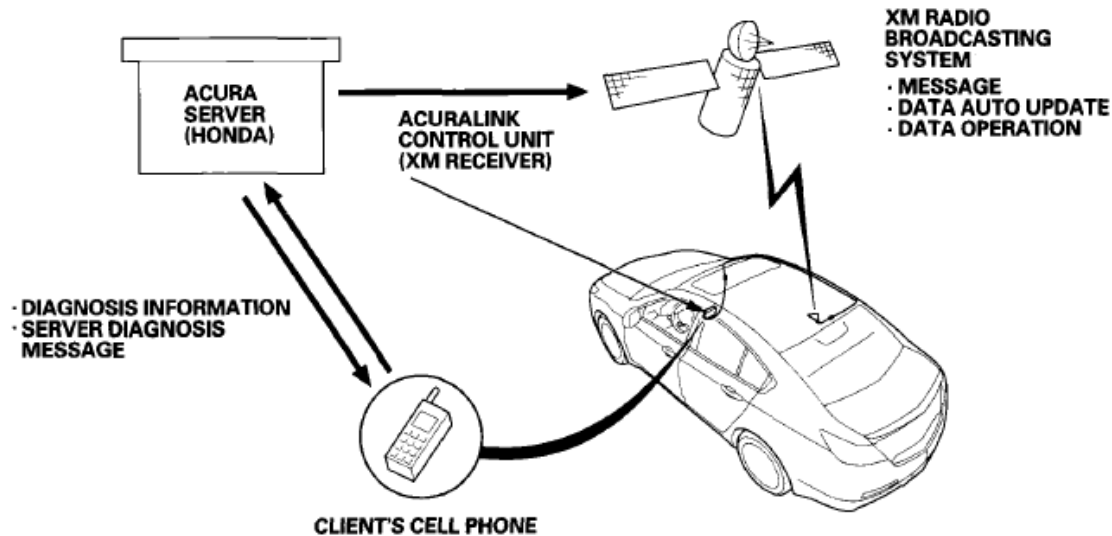


Fig. 5: Identifying AcuraLink® Satellite Communication System Operation
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Service Application

- Malfunction indicator lamp (MIL) explanation (from server message and vehicle message)
- Service information message
- Recall Information
- Quick tips
- Place to provide feedback/view cautions that were not available when vehicle was initially sold
- Correction of address and full name that is registered
- Real time traffic information
- Maintenance information message
- Feature guide (90 days)
- Weather information

HOW TO DELETE STORED ACURALINK® MESSAGES

The AcuraLink® Satellite Communication System stores and displays these types of messages on the

navigation system display screen:

- Feature Guide info
- System malfunction info
- Driver warnings
- DTCs
- Quick tips

NOTE:

- **To delete any stored AcuraLink® messages, follow these procedures. The first procedure is for your client. It lets them delete certain types of messages. The second procedure is for technicians. It lets you delete all stored messages.**
- **The diagnostic menu includes a DATA RESET function. Select this only at TQI and when the vehicle changes ownership. It deletes all AcuraLink® messages, log data, and AcuraLink® registration. If you select DATA RESET during the 45-days activation period, the AcuraLink® Feature Guide repeats the first message. AcuraLink® messages related to a repair should be deleted after that repair is done. If you don't delete these messages, they stay in your client's AcuraLink® message log.**

MESSAGE DELETE PROCEDURE (CLIENT)

1. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
2. Touch OK on the disclaimer screen.
3. Press the INFO button to bring up the Information screen.
4. Use the interface dial to select #1 All Messages.
5. Select the item number you want to delete, then select Delete (if you do not see Delete on the display screen, you cannot remove this message).
6. Select Yes to confirm your choice.

MESSAGE DELETE PROCEDURE (SERVICE TECH)

1. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
2. Touch OK on the disclaimer screen.
3. Press and hold the DEST/ROUTE, the MAP/GUIDE, and the CANCEL buttons at the same time for 3 seconds more, and the system diagnostic mode begins.

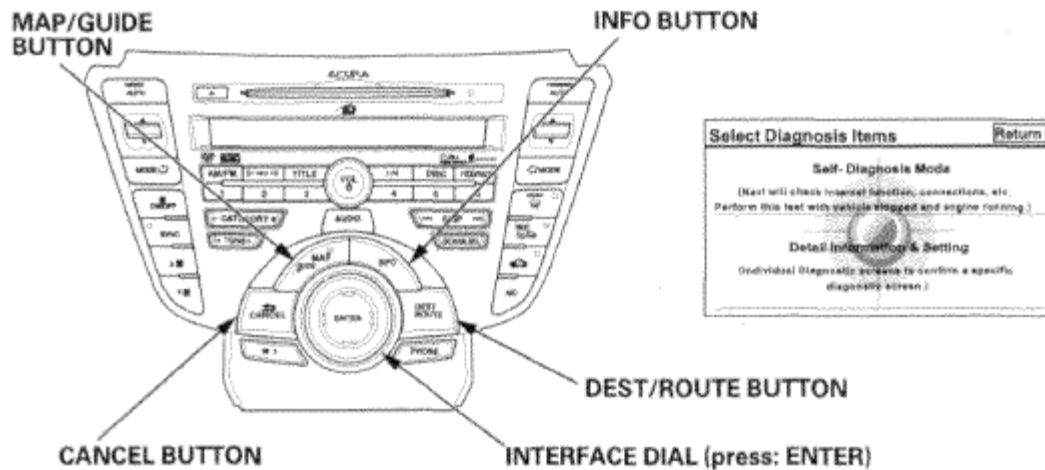


Fig. 6: Identifying Message Delete Procedure Buttons
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Using the interface dial, spinet the XM (HIP) from the Detail Information & Setting, and press the ENTER. Select XM (HIP) Diag (A) front the XM (HIP) System Link.

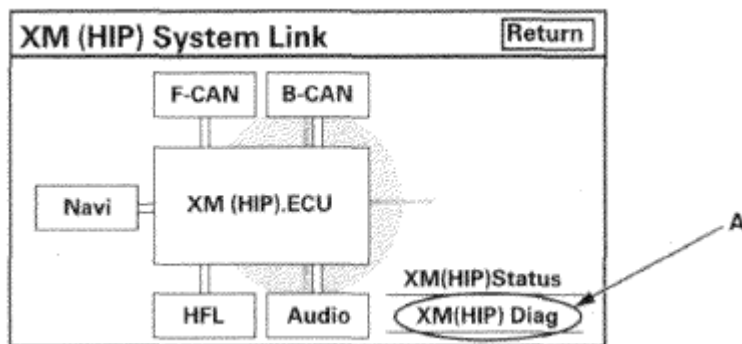


Fig. 7: Identifying XM (HIP) System Link Block Diagram
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Select Diagnostic Info.
- Select the item you want to delete. After the message and date come up, select Delete.
- Select Yes to confirm your choice.
- Repeat step 6 and 7 for each message you want to delete.

ACURALINK® CONTROL UNIT (XM RECEIVER) CONNECTOR FOR INPUTS AND OUTPUTS

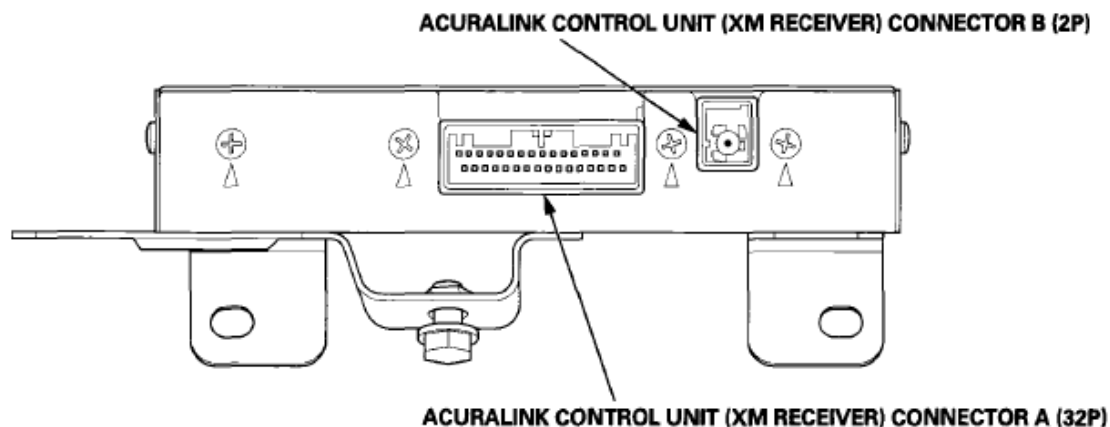
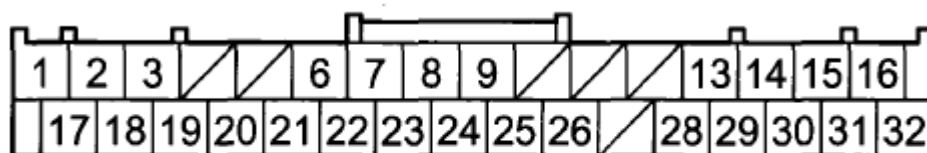


Fig. 8: Identifying AcuraLink® Control Unit (XM Receiver)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

ACURALINK® CONTROL UNIT (XM RECEIVER) CONNECTOR A (32P)



Wire side of female terminals

Fig. 9: AcuraLink® Control Unit (XM Receiver) 32P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

AcuraLink® CONTROL UNIT (XM RECEIVER) CONNECTOR A (32P)

Cavity	Wire Color	Terminal Name	Connects to
A1	WHT	+ B	No. 15 (10 A) fuse in the under-hood fuse/relay box
A2	BRN	IG1	No. 12 (7.5 A) fuse in the drivers' under-dash fuse/relay box
A3	PUR	ACC	No. 18 (7.5 A) fuse in the drivers' under-dash fuse/relay box
A6	BLK	F-CAN L	F-CAN communication bus line
A7	WHT	F-CAN H	F-CAN communication bus line
A8	BLU	B-CAN L	B-CAN communication bus line
A9	PNK	B-CAN H	B-CAN communication bus line
A13	GRN	AUDIO R +	Audio-navigation unit, HandsFreeLink control unit
A14	WHT	AUDIO R-	Audio-navigation unit, HandsFreeLink control unit
A15	BLK	AUDIO L+	Audio-navigation unit, HandsFreeLink control unit
A16	RED	AUDIO L-	Audio-navigation unit, HandsFreeLink control unit

AcuraLink® CONTROL UNIT (XM RECEIVER) CONNECTOR A (32P)

Cavity	Wire Color	Terminal Name	Connects to

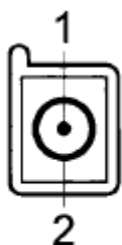
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A17	WHT	NAVI COMM1	Audio-navigation unit
A18	RED	NAVI COMM2	Audio-navigation unit
A19	GRN	NAVI COMM3	Audio-navigation unit
A20	BLK	NAVI COMM4	Audio-navigation unit
A21	GRY ⁽¹⁾	NAVI COMM SH	Shield for terminals No. 17, No. 18, No. 19, and No. 20
A22	RED	HIP/HFL COMM3	HandsFreeLink control unit
A23	WHT	HIP/HFL COMM4	HandsFreeLink control unit
A24	BLK	HIP/HFL COMM1	HandsFreeLink control unit
A25	GRN	HIP/HFL COMM2	HandsFreeLink control unit
A26	GRY ⁽¹⁾	HIP/HFL COMM SH	Shield for terminals No. 22, No. 23, No. 24, and No. 25
A28	BLK	GND	Body ground to G501
A29	GRY ⁽¹⁾	GA-NET BUS SH	Shield for terminals No. 30 and No. 31
A30	PNK	GA-NET BUS+	Audio-navigation unit, HandsFreeLink control unit, navigation display unit
A31	BLU	GA-NET BUS-	Audio-navigation unit, HandsFreeLink control unit, navigation display unit
A32	GRY ⁽¹⁾	AUDIO SH	Shield for terminals No. 13, No. 14, No. 15, and No. 16

(1) The shielded wires have a heat-shrink tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the circuit diagram.

ACURALINK® CONTROL UNIT (XM RECEIVER) CONNECTOR B (2P)



Terminal side of female terminals

Fig. 10: AcuraLink® Control Unit (XM Receiver) 2P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

AcuraLink® CONTROL UNIT (XM RECEIVER) CONNECTOR B (2P)

Cavity	Wire Color	Terminal Name	Connects to
B1	--	SAT/TER	XM antenna
B2	--	GND SH	Shield for terminal No. 1

CIRCUIT DIAGRAM

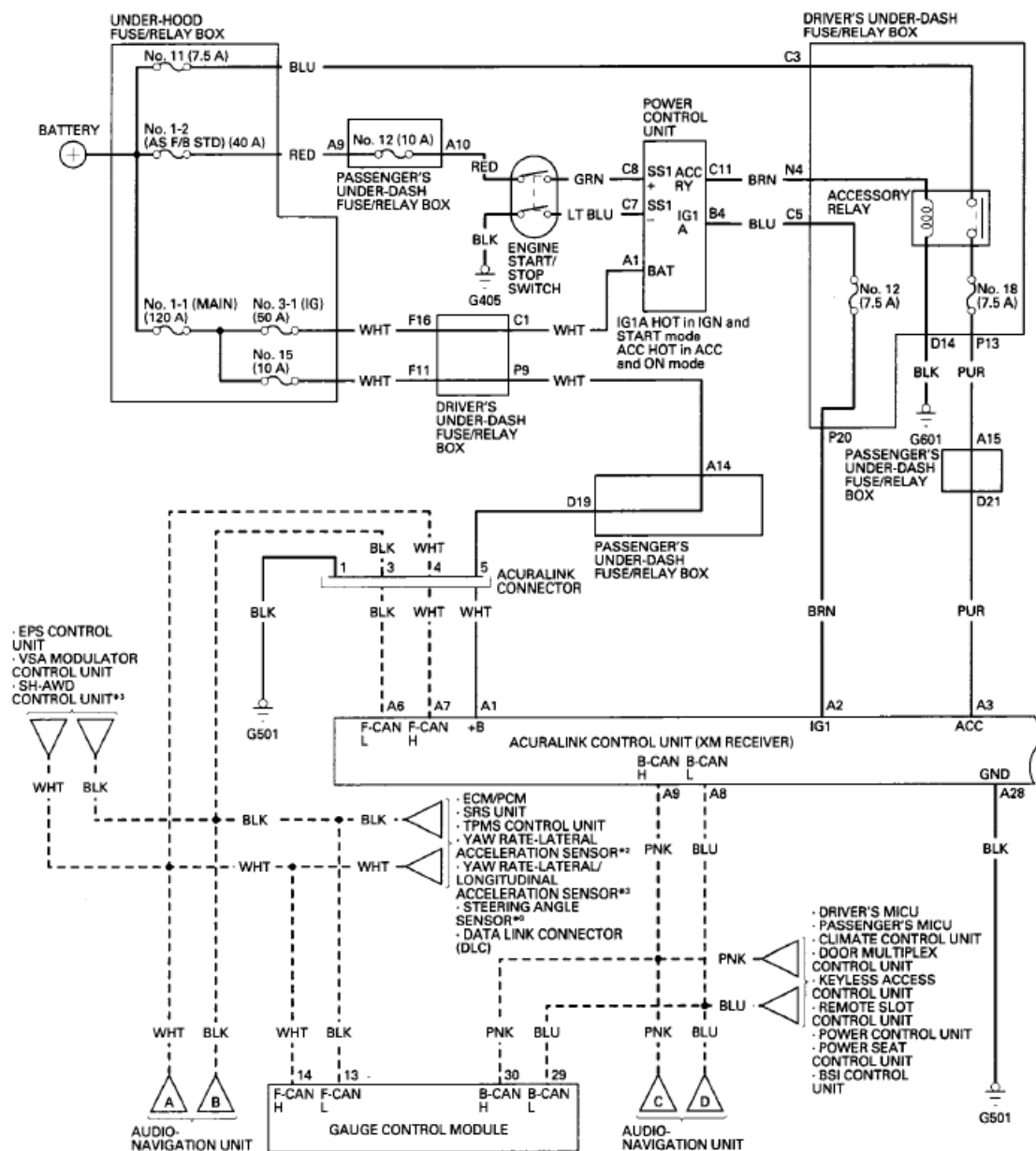


Fig. 11: AcuraLink® Circuit Diagram (1 Of 4)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

- *1: The shielded wires have a heat-shrink tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the circuit diagram.
 *2: Without SH-AWD
 *3: With SH-AWD
 --- : Shielding
 - - - : CAN line

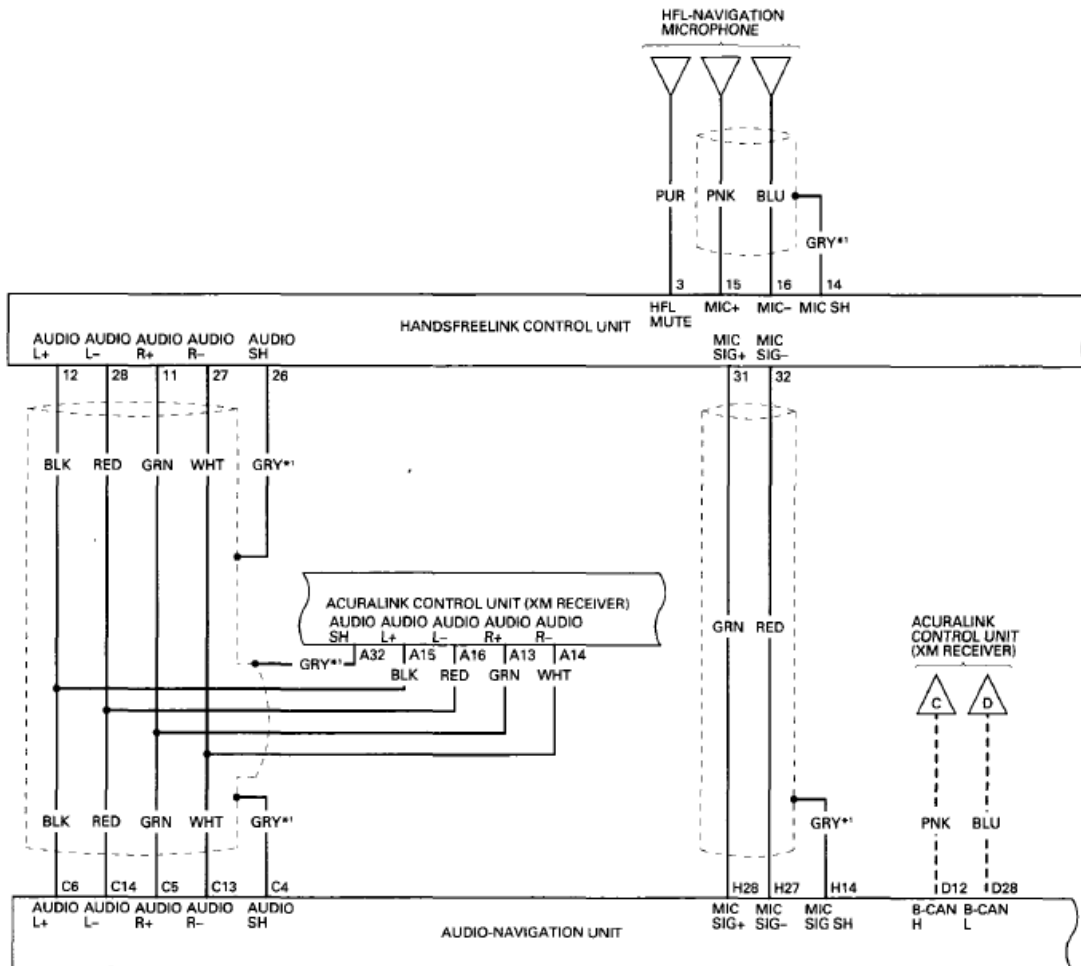


Fig. 12: AcuraLink® Circuit Diagram (2 Of 4)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

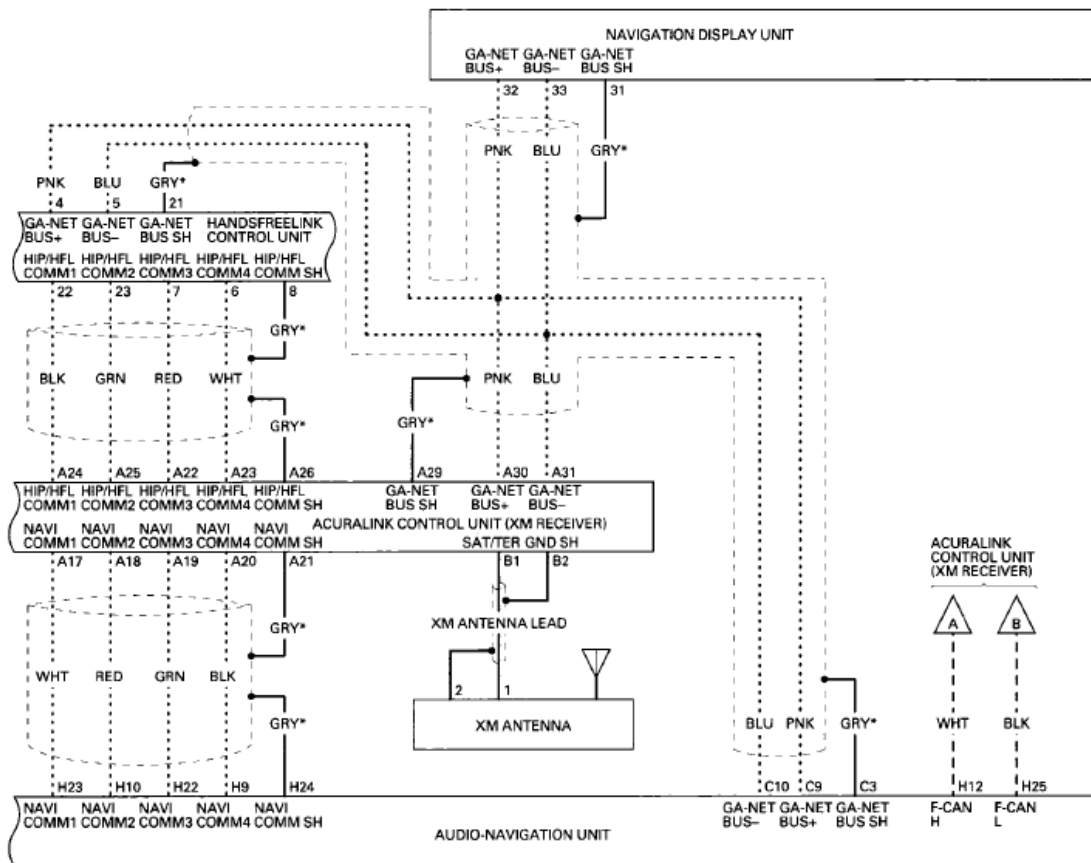


Fig. 13: AcuraLink® Circuit Diagram (3 Of 4)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

*: The shielded wires have a heat-shrink tube insulating the outside of the wire. The color of the insulating tube, typically black or dark gray, may not match the color of the wire listed on the circuit diagram.

-----: Shielding
 -----: CAN line
: Other communication line

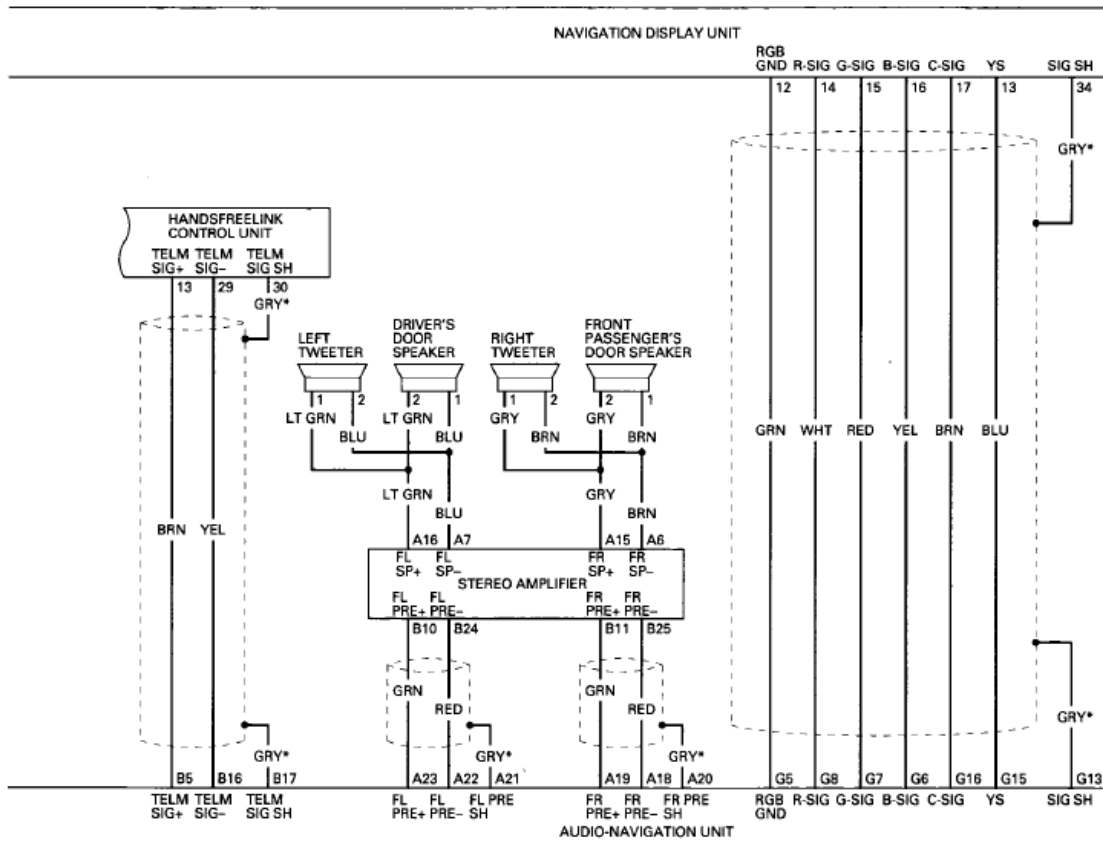


Fig. 14: AcuraLink® Circuit Diagram (4 Of 4)
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SELF-DIAGNOSTIC FUNCTION

NOTE: Only select DATA RESET from the XM (HIP) ECU screen when instructed. Selecting DATA RESET will clear the AcuraLink® registration, and the AcuraLink® service resets to the factory default, if the vehicle was already registered for the AcuraLink® service, it will have to be reactivated by calling Acura Client Services before all features are available.

The AcuraLink® control unit (XM receiver) has a self-diagnostic function. To run the self-diagnostic function, do the following:

HOW TO ENTER THE SELF-DIAGNOSTIC FUNCTION

NOTE: Always check for and repair any CAN DTCs before troubleshooting the AcuraLink® system.

1. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
2. Touch OK on the disclaimer screen.
3. Press and hold the DEST/ROUTE, the MAP/GUIDE, and the CANCEL buttons at the same time for 3 seconds more, and the system diagnostic mode begins.

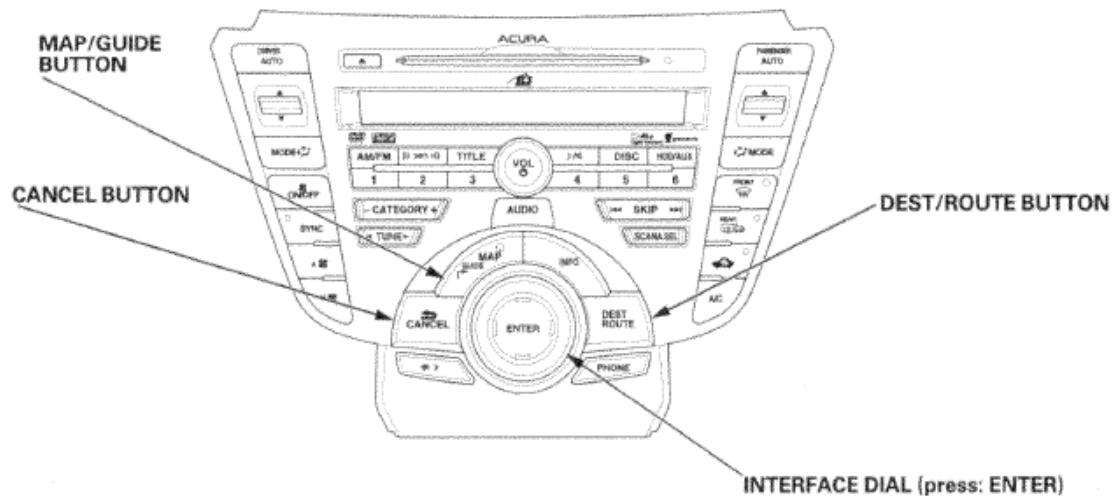


Fig. 15: Identifying Self-Diagnostic Function Buttons
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Using the interface dial, select the Select Diagnosis Items from the Detail Information & Setting, and press the ENTER.

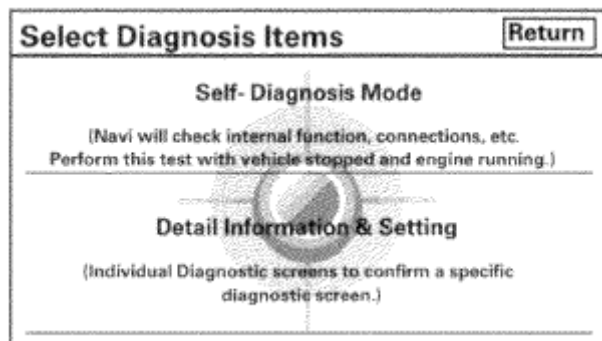


Fig. 16: Screen Display - Select Diagnosis Items (1 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Using the interface dial, select the XM (HIP) from the Detail Information & Setting menu, and press the ENTER.

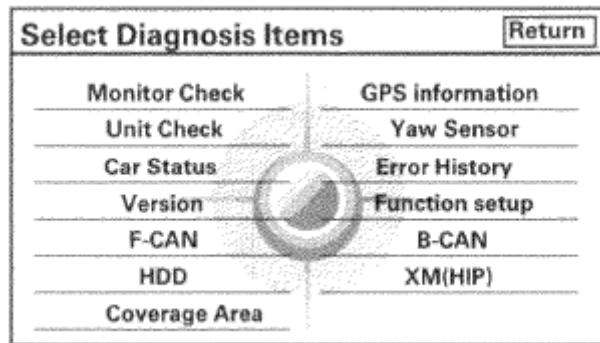


Fig. 17: Screen Display - Select Diagnosis Items (2 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. The display shows the XM (HIP) System Link, and does an AcuraLink® connection check for each device. If a connection is faulty, the place where it is faulty is indicated with NG (red color).

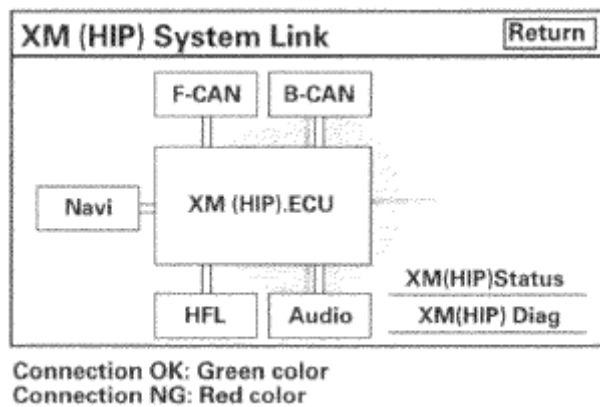


Fig. 18: Screen Display - XM (HIP) System Link Block Diagram
Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. When red (NG) is indicated, check the continuity between the AcuraLink® control unit (XM receiver) and the device indicated in red.

Device Indicated in Red	Test Condition	Test: Desired Result	Possible Cause if Result is not Obtained
	Disconnect these items: AcuraLink® control unit (XM receiver) connector A (32P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and yaw rate-lateral acceleration sensor 4P connector terminal No. 3 ⁽³⁾ or yaw-rate lateral/longitudinal acceleration sensor 4P connector terminal No. 3 ⁽²⁾ ;	An open in the wire

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	- Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ - Yaw rate-lateral longitudinal acceleration sensor 4P connector⁽²⁾	There should be continuity.	
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and yaw rate-lateral acceleration sensor 4P connector terminal No. 2 ⁽³⁾ or yaw-rate lateral/longitudinal acceleration sensor 4P connector terminal No. 2 ⁽²⁾ . There should be continuity.	An open in the wire
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - ECM/PCM connector A (49P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and ECM/PCM connector A (49P) terminal No. 49: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and ECM/PCM connector A (49P) terminal No. 48: There should be continuity.	An open in the wire
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - Gauge control module 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and gauge control module 32P connector terminal No. 14: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and gauge control module 32P connector terminal No. 13: There should be continuity.	An open in the wire
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - TPMS control unit 20P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and TPMS control unit 20P connector terminal No. 2: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and TPMS control unit 20P connector terminal No. 11: There should be continuity.	An open in the wire

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	Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Audio-navigation unit connector H (28P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and audio-navigation unit connector H (28P) terminal No. 12: There should be continuity.	An open in the wire
			Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and audio-navigation unit connector H (28P) terminal No. 25: There should be continuity.	An open in the wire
	Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • EPS control unit connector D (28P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and EPS control unit connector D (28P) terminal No. 1: There should be continuity.	An open in the wire
			Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and EPS control unit connector D (28P) terminal No. 15: There should be continuity.	An open in the wire
	Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • SH-AWD control unit connector A (20P)'	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and SH-AWD control unit connector A (20P) terminal No. 10: There should be continuity.	An open in the wire
			Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and SH-AWD control unit connector A (20P) terminal No. 20: There should be continuity.	An open in the wire
	Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Steering angle sensor 5P connector⁽¹⁾	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and steering angle sensor 5P connector terminal No. 10: There should be continuity.	An open in the wire
			Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and steering angle sensor 5P	An open in the wire

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		connector terminal No. 2: There should be continuity.	
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Power control unit connector C (36P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and power control unit connector C (36P) terminal No. 34: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and power control unit connector C (36P) terminal No. 35: There should be continuity.	An open in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • VSA modulator-control unit 47P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and VSA modulator-control unit 47P connector terminal No. 12: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and VSA modulator-control unit 47P connector terminal No. 13: There should be continuity.	An open in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • SRS unit connector A (39P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 7 and SRS unit connector A (39P) terminal No. 17: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 6 and SRS unit connector A (39P) terminal No. 16: There should be continuity.	An open in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no	A short in the wire

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	• Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾	continuity.	
	• ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 7 individually: There should be no continuity.	A short to power in the wire
	• SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 6 individually: There should be no continuity.	A short to power in the wire
	Disconnect these items: • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7	A short in the AcuraLink® control unit (XM receiver)

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	• VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	individually: There should be no continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the yaw rate-lateral acceleration sensor ⁽³⁾ or yaw rate-lateral/longitudinal acceleration sensor ⁽²⁾
	Disconnect these items: • AcuraLink® control		

	unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽³⁾ • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D(28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the ECM/PCM
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P)	Check for continuity between body	

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	• Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in EPS control unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the gauge control module

	• SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)		
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H 28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the TPMS control unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P)		

	• Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the VSA modulator-control unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7	A short in the SRS unit

	• Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	individually: There should be no continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the audio-navigation unit

	• SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾		
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the SH-AWD control unit⁽²⁾
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P		

	connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • Power control unit connector C (36P) • TPMS control unit 20P connector • VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Audio-navigation unit connector H (28P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no continuity.	A short in the steering angle sensor⁽²⁾
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Yaw rate-lateral acceleration sensor 4P connector⁽³⁾ • Yaw rate-lateral/longitudinal acceleration sensor 4P connector⁽²⁾ • ECM/PCM connector A (49P) • Gauge control module 32P connector • TPMS control unit 20P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 individually: There should be no	A short in the power control unit

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	• VSA modulator-control unit 47P connector • SRS unit connector A (39P) • EPS control unit connector D (28P) • SH-AWD control unit connector A (20P)⁽²⁾ • Steering angle sensor 5P connector⁽²⁾ • Audio-navigation unit connector H (28P)	continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and driver's under-dash fuse/relay box connector P (20P) terminal No. 6: There should be continuity.	An open in the wire
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and driver's under-dash fuse/relay box connector P (20P) terminal No. 5: There should be continuity.	An open in the wire
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Passenger's under-dash fuse/relay box connector A (38P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and passenger's under-dash fuse/relay box connector A (38P) terminal No. 6: There should be continuity.	An open in the wire
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Passenger's under-dash fuse/relay box connector A (38P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and passenger's under-dash fuse/relay box connector A (38P) terminal No. 29: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal	An open in the wire

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	• AcuraLink® control unit (XM receiver) connector A (32P) • Power window master switch 37P connector	No. 9 and power window master switch 37P connector terminal No. 35: There should be continuity.	
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and power window master switch 37P connector terminal No. 33: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and gauge control module 32P connector terminal No. 30: There should be continuity.	An open in the wire
	• AcuraLink® control unit (XM receiver) connector A (32P) • Gauge control module 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and gauge control module 32P connector terminal No. 29: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and BSI control unit 16P connector terminal No. 6: There should be continuity.	An open in the wire
	• AcuraLink® control unit (XM receiver) connector A (32P) • BSI control unit 16P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and BSI control unit 16P connector terminal No. 5: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and power seat control unit connector A (40P) terminal No. 40: There should be continuity.	An open in the wire
	• AcuraLink® control unit (XM receiver) connector A (32P) • Power seat control unit connector A (40P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and power seat control unit connector A (40P) terminal No. 39: There should be continuity.	An open in the wire
		Check for continuity between	

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	Disconnect these items:	AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and climate control unit connector C (20P) terminal No. 8: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and climate control unit connector C (20P) terminal No. 7: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and audio-navigation unit connector D (36P) terminal No. 12: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and audio-navigation unit connector D (36P) terminal No. 28: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and power control unit connector C (36P) terminal No. 16: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and power control unit connector C (36P) terminal No. 17: There should be continuity.	An open in the wire
	Disconnect these items:	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and remote slot control unit 40P connector terminal No. 3: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and remote slot control unit 40P connector terminal No. 23: There should be continuity.	An open in the wire

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		should be continuity.	
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 9 and keyless access control unit connector B (32P) terminal No. 8: There should be continuity.	An open in the wire
	• Keyless access control unit connector B (32P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 8 and keyless access control unit connector B (32P) terminal No. 7: There should be continuity.	An open in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the wire
	• Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 8 individually: There should be no continuity.	A short to power in the wire
	• Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 9 individually: There should be no continuity.	A short to power in the wire

	Disconnect these items: • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9	A short in the driver's under-dash fuse/relay

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	unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	individually: There should be no continuity.	box
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the passenger's under-dash fuse/relay box
	Disconnect these items:		

	• AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the door multiplex control unit (built into the power window master switch)
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • BSI control unit 16P connector • Power seat control	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9	A short in the gauge control module

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	unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	individually: There should be no continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the BSI control unit
	Disconnect these items:		

	• AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the power seat control unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no	A short in the climate control unit

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	connector • Power seat control unit connector A (40P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Power control unit connector C (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the audio-navigation unit
	Disconnect these items:		

	• AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Remote slot control unit 40P connector • Keyless access control unit connector B (32P)	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the power control unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9	A short in the remote slot control unit

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	• BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Keyless access control unit connector B (32P)	individually: There should be no continuity.	
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Driver's under-dash fuse/relay box connector P (20P) • Passenger's under-dash fuse/relay box connector A (38P) • Power window master switch 37P connector • Gauge control module 32P connector • BSI control unit 16P connector • Power seat control unit connector A (40P) • Climate control unit connector C (20P) • Audio-navigation unit connector D (36P) • Power control unit connector C (36P) • Remote slot control unit 40P connector	Check for continuity between body ground and AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 individually: There should be no continuity.	A short in the keyless access control unit

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	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • Audio-navigation unit connector H (28P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 19 and audio-navigation unit connector H (28P) terminal No. 22: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 20 and audio-navigation unit connector H (28P) terminal No. 9: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 17 and audio-navigation unit connector H (28P) terminal No. 23: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 18 and audio-navigation unit connector H (28P) terminal No. 10: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 19 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 19: There should be no continuity.	A short to power in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 20 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 20: There should be no continuity.	A short to power in the wire
		Check for continuity between AcuraLink® control unit (XM	

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		receiver) connector A (32P) terminal No. 17 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 17: There should be no continuity.	A short to power in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 18 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 18: There should be no continuity.	A short to power in the wire
	Disconnect audio-navigation unit connector H (28P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 19 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 20 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 17 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 18 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 19 and body ground: There should be no continuity.	A short in the audio-navigation unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal	A short in the audio-

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Navi	Disconnect AcuraLink® control unit (XM receiver) connector A (32P)	No. 20 and body ground: There should be no continuity.	navigation unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 17 and body ground; There should be no continuity.	A short in the audio-navigation unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 18 and body ground: There should be no continuity.	A short in the audio-navigation unit
	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 24 and HandsFreeLink control unit 32P connector terminal No. 22: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 25 and HandsFreeLink control unit 32P connector terminal No. 23: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 22 and HandsFreeLink control unit 32P connector terminal No. 7: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 23 and HandsFreeLink control unit 32P connector terminal No. 6: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 24 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 24: There should be no continuity.	A short to power in the wire

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	Disconnect these items: • AcuraLink® control unit (XM receiver) connector A (32P) • HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 25 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 25: There should be no continuity.	A short to power in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 22 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 22: There should be no continuity.	A short to power in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 23 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 23: There should be no continuity.	A short to power in the wire
	Disconnect HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 24 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 25 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 22 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between	

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		AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 23 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
Disconnect AcuraLink® control unit (XM receiver) connector A (32P)		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 24 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 25 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 22 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 23 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and audio-navigation unit connector C (14P) terminal No. 9: There should be continuity.	An open in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Audio-navigation unit connector C (14P)	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and audio-navigation unit connector C (14P) terminal No. 10: There should be continuity.	An open in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and body ground: There should be no continuity.	A short in the wire
Disconnect these items:	• AcuraLink® control unit (XM receiver) connector A (32P) • Audio-navigation unit	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 30: There should be no continuity.	A short to power in the wire

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Audio	- connector C (14P) - Navigation display unit 36P connector - HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and body ground: There should be no continuity.	A short in the wire
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 1 and No. 31: There should be no continuity.	A short to power in the wire
	Disconnect these items: - Audio-navigation unit connector C (14P) - Navigation display unit 36P connector - HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - Navigation display unit 36P connector - HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and body ground: There should be no continuity.	A short in the AcuraLink® control unit (XM receiver)
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and body ground: There should be no continuity.	A short in the audio-navigation unit
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - Audio-navigation unit connector C (14P) - HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and body ground: There should be no continuity.	A short in the audio-navigation unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and body ground: There should be no continuity.	A short in the navigation display unit
	Disconnect these items: - AcuraLink® control unit (XM receiver) connector A (32P) - HandsFreeLink control unit 32P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and body ground: There should be no continuity.	A short in the navigation display unit
		Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 30 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
	Disconnect these items: AcuraLink® control unit (XM receiver) connector A (32P)		

	• Audio-navigation unit connector C (14P) • Navigation display unit 36P connector	Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 31 and body ground: There should be no continuity.	A short in the HandsFreeLink control unit
(1) With SH-AWD (2) With SH-AWD (3) Without SH-AWD NOTE: If the XM antenna connection condition is faulty, XM ANTENNA is indicated on the audio-navigation switch panel display.			

8. If the indication does not go away, confirm DTCs, and refer to the relevant system troubleshooting and input tests.

Canceling the Self-Diagnostic Function

Use the interface dial, select the Exit Diag. Press the interface dial to cancel the self-diagnostic function.

DTC TROUBLESHOOTING

DTC B2240: XM ANTENNA LINE FAILURE

1. Connect the HDS to the DLC (see **HOW TO CHECK FOR DTCS WITH THE HDS**).
2. Clear the DTC with the HDS.
3. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode, and then back to ON (II), or the ON mode and wait 30 seconds or more.
4. Check for DTC with the HDS.

Is DTC B2240 indicated?

YES -Go to step 5.

NO -Intermittent failure, the XM antenna is OK at this time. Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver) and the XM antenna.

5. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
6. Check for poor connections or loose terminals at AcuraLink® control unit (XM receiver) connector B (2P) and the XM antenna 2P connector.

Are the connections or terminals OK?

YES -Go to step 7.

NO -Repair poor connections or loose terminals, and recheck the DTC.

7. Substitute a known-good XM antenna (see **XM ANTENNA REPLACEMENT**).
8. Clear the DTC with the HDS.
9. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode, and then back to ON (II), or the ON mode and wait 30 seconds or more.
10. Check for DTC with the HDS.

Is DTC B2240 indicated?

YES -Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the original AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT (XM RECEIVER) REMOVAL/INSTALLATION**).

NO -Replace the original XM antenna (see **XM ANTENNA REPLACEMENT**).

DTC U0100: F-CAN LOST COMMUNICATION WITH ECM/PCM

1. Connect the HDS to the DLC (see **HOW TO CHECK FOR DTCS WITH THE HDS**).
2. Clear the DTC with the HDS.
3. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode, and then back to ON (II), or the ON mode.
4. Check for DTC with the HDS.

Is DTC U0100 indicated?

YES -Go to step 5.

NO -Intermittent failure, the F-CAN communication line is OK at this time. Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver).

5. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
6. Disconnect AcuraLink® control unit (XM receiver) connector A (32P).
7. Jump the SCS line with the HDS.
8. Disconnect ECM/PCM connector A (49P).
9. Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 and ECM/PCM connector A (49P) terminals No. 49 and No. 48 respectively.

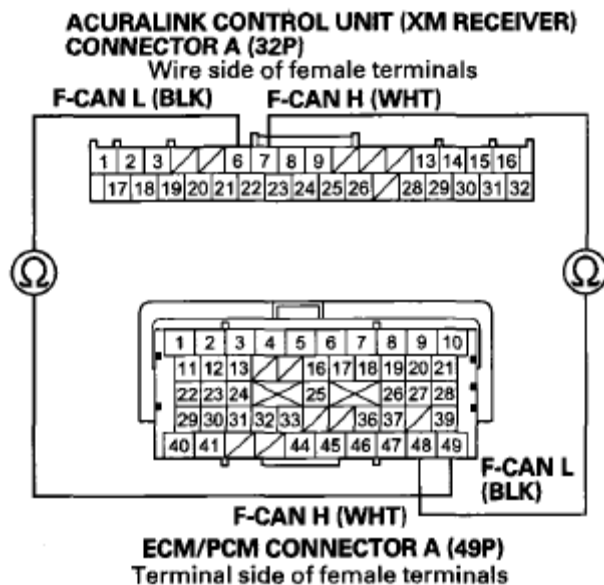


Fig. 19: Checking For Continuity Between AcuraLink® Control Unit (XM Receiver) & ECM With 32P & 49P Connector End Views

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver). If OK, Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT UPDATE**).

NO -Repair an open in the wire between the AcuraLink® control unit (XM receiver) and the ECM/PCM.

DTC U0155: F-CAN LOST COMMUNICATION WITH GAUGE CONTROL MODULE

1. Connect the HDS to the DLC (see **HOW TO CHECK FOR DTCS WITH THE HDS**).
2. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
3. Check for DTCs with the HDS and DTC log data in the navigation system diagnostic mode (see **SELF-DIAGNOSTIC FUNCTION**).

Is DTC U0155 indicated with HDS and on the navigation display?

YES -Go to step 4.

NO -Intermittent failure, the F-CAN communication line is OK at this time. Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver).

4. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
5. Disconnect AcuraLink® control unit (XM receiver) connector A (32P) and the gauge control module 32P

connector.

6. Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 6 and No. 7 and gauge control module 32P connector terminals No. 13 and No. 14 respectively.

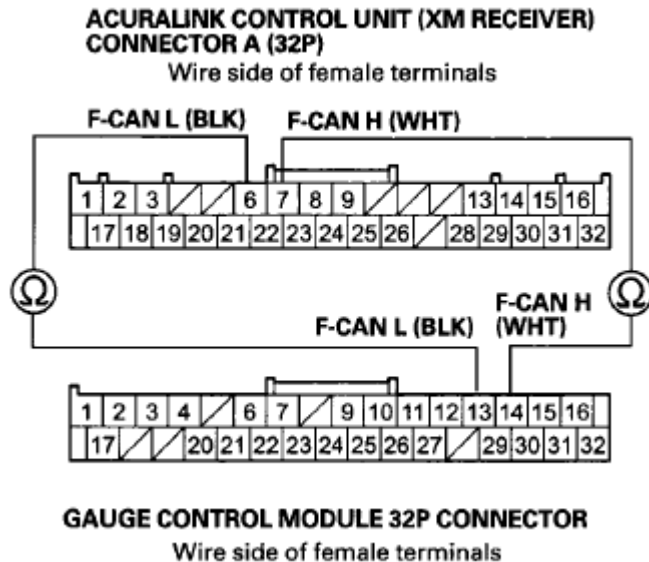


Fig. 20: Checking For Continuity Between AcuraLink® Control Unit (XM Receiver) & Gauge Control Module

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver). If OK, Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT UPDATE**).

NO -Repair an open in the wire between the AcuraLink® control unit (XM receiver) and the gauge control module.

DTC U128D: LOST COMMUNICATION WITH GAUGE CONTROL MODULE

NOTE: If you are troubleshooting multiple DTCs, be sure to follow the instructions in **B-CAN system diagnosis test mode A** (see **TROUBLESHOOTING - B-CAN SYSTEM DIAGNOSIS TEST MODE A**).

1. Connect the HDS to the DLC (see **HOW TO CHECK FOR DTCS WITH THE HDS**).
2. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
3. Check for DTCs with the HDS and DTC log data in the navigation system diagnostic mode (see **SELF-DIAGNOSTIC FUNCTION**).

Is DTC U128D indicated with HDS and on the navigation display?

YES -Go to step 4.

NO -Intermittent failure, the B-CAN communication line is OK at this time. Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver).

4. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
5. Disconnect AcuraLink® control unit (XM receiver) connector A (32P) and the gauge control module 32P connector.
6. Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) terminals No. 8 and No. 9 and gauge control module 32P connector terminals No. 29 and No. 30 respectively.

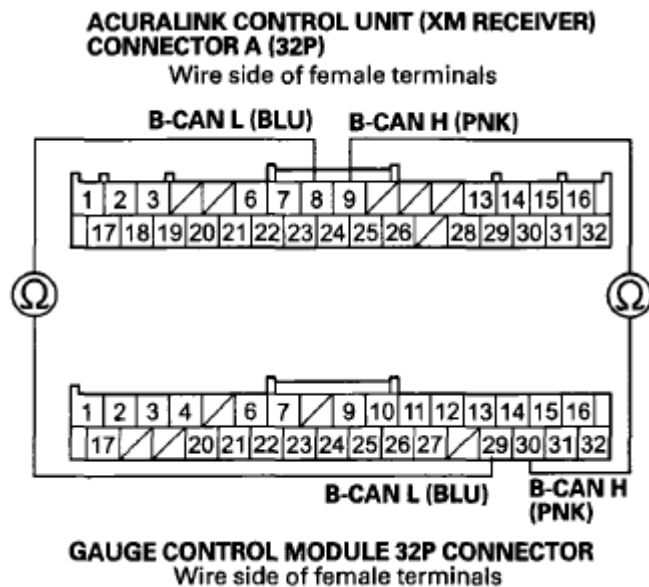


Fig. 21: Checking For Continuity Between AcuraLink® Control Unit (XM Receiver) & Gauge Control Module

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES -Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver). If OK, Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT UPDATE**).

NO -Repair an open in the wire between the AcuraLink® control unit (XM receiver) and the gauge control module.

SYMPTOM TROUBLESHOOTING

ACURALINK® SERVICES DO NOT WORK**NOTE:**

- In order for the AcuraLink® service to work, the client must have an activated account with XM (receives at least channels, 000, 001, 174, and 247).
- Verify the client account status by calling XM Radio at 800-852-9696.

1. Check the No. 15 (10 A) fuse in the under-hood fuse/relay box and the No. 12 (7.5 A) fuse and the No. 18 (7.5 A) fuse in the driver's under-dash fuse/relay box.

Are the fuses OK?

YES -Go to step 2.

NO -Replace the fuse(s), and recheck. If the fuse(s) blows again, check for a short in the No. 15 (10 A) fuse and/or the No. 12 (7.5 A) fuse and/or the No. 18 (7.5 A) fuse circuits.

2. Turn the ignition switch to ACCESSORY (I), or press the engine start/stop button to select the ACC mode.
3. Measure the voltage between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 3 and body ground.

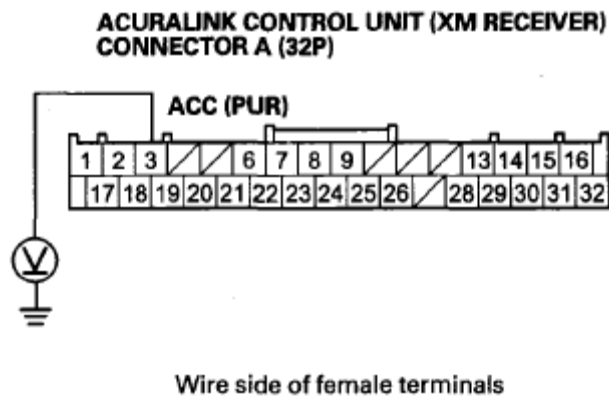


Fig. 22: Measuring Voltage Of AcuraLink® Control Unit (XM Receiver) Terminal No. 3 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 4.

NO -Repair an open in the wire(s) between the AcuraLink® control unit (XM receiver) and the No. 18 (7.5 A) fuse in the driver's under-dash fuse/relay box.

4. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.

5. Measure the voltage between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 2 and body ground.

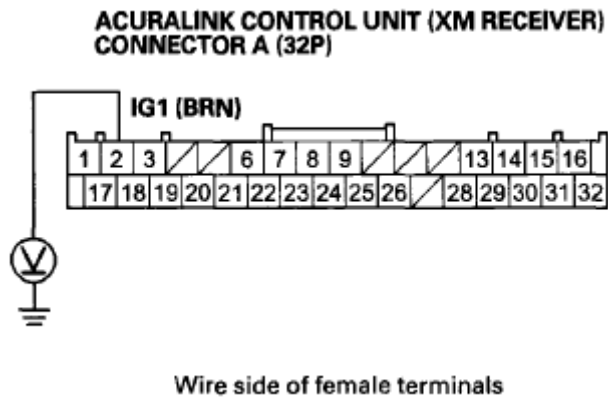


Fig. 23: Measuring Voltage Of AcuraLink® Control Unit (XM Receiver) Terminal No. 2 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 6.

NO -Repair an open in the wire(s) between the AcuraLink® control unit (XM receiver) and the No. 12 (7.5 A) fuse in the driver's under-dash fuse/relay box.

6. Measure the voltage between AcuraLink® control unit (XM receiver) connector A (32P) terminal No. 28 and body ground.

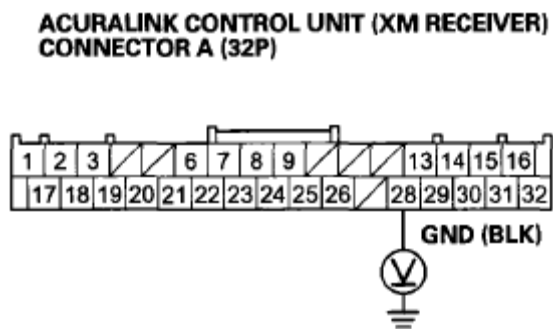


Fig. 24: Measuring Voltage Of AcuraLink® Control Unit (XM Receiver) Terminal No. 28 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.2 V?

YES -Check for poor connections or loose terminals at the AcuraLink® control unit (XM receiver). If OK, Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT UPDATE**).

NO -Repair an open or high resistance in the wire between the AcuraLink® control unit (XM receiver) and body ground (G501) (see **CONNECTOR TO FUSE/RELAY BOX INDEX**).

ACURALINK® MESSAGES CANNOT BE HEARD OR ARE WEAK

1. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
2. Check that the audio system is operating normally and the speaker sound levels are normal from different audio sources (AM/FM, XM, CD/DVDs, navigation, etc.).

Does the audio system work normally and is the audio output from the speaker normal when playing various audio sources?

YES -Go to step 3.

NO -Refer to the audio system **SYMPTOM TROUBLESHOOTING**.

3. Check the audio system when AcuraLink® messages are played.

Does the audio system mute when AcuraLink® messages are being played?

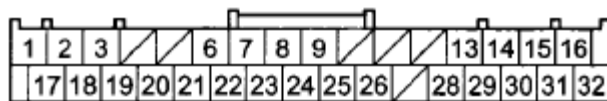
YES -If audio system mutes and plays the messages at a normal volume, the system is OK at this time. If the messages are weaker than normal, go to step 4.

NO -Check for B-CAN codes. Repair any B-CAN codes, then recheck. If there are no B-CAN codes, substitute a known-good AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT (XM RECEIVER) REMOVAL/INSTALLATION**).

4. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
5. Disconnect AcuraLink® control unit (XM receiver) connector A (32P) and audio-navigation unit connector H (28P).
6. Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) and audio-navigation unit connector H (28P) according to the table.

AcuraLink® control unit (XM receiver) connector	Audio-navigation unit connector	Wire color
A17	H23	WHT
A18	H10	RED
A19	H22	GRN
A20	H9	BLK

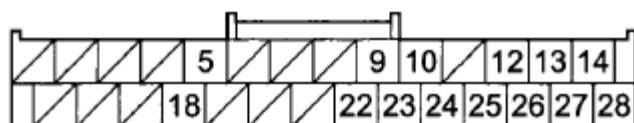
**ACURALINK CONTROL UNIT (XM RECEIVER)
CONNECTOR A (32P)**



Wire side of female terminals

Fig. 25: AcuraLink® Control Unit (XM Receiver) 32P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO-NAVIGATION UNIT CONNECTOR H (28P)



Wire side of female terminals

Fig. 26: Audio-Navigation Unit 28P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

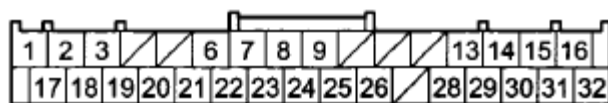
YES -Go to step 7.

NO -There is an open in the wire(s) between the AcuraLink® control unit (XM receiver) and the audio-navigation unit. Replace the affected shielded harness.

7. Check for continuity between AcuraLink® control unit (XM receiver) connector A (32P) and body ground according to the table.

AcuraLink® control unit (XM receiver) connector	Wire color
A17	WHT
A18	RED
A19	GRN
A20	BLK

**ACURALINK CONTROL UNIT (XM RECEIVER)
CONNECTOR A (32P)**



Wire side of female terminals

Fig. 27: AcuraLink® Control Unit (XM Receiver) 32P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

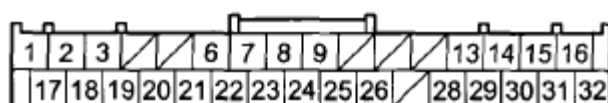
YES -There is short to body ground in the wire(s) between the AcuraLink® control unit (XM receiver) and the audio-navigation unit. Replace the affected shielded harness.

NO -Go to step 8.

8. Check for continuity between the terminal of AcuraLink® control unit (XM receiver) connector A (32P) according to the table.

From terminal	To terminals
A17 (WHT)	A18 (RED), A19 (GRN), A20 (BLK), A21 (GRY)
A18 (RED)	A19 (GRN), A20 (BLK), A21 (GRY)
A19 (GRN)	A20 (BLK), A21 (GRY)
A20 (BLK)	A21 (GRY)

**ACURALINK CONTROL UNIT (XM RECEIVER)
CONNECTOR A (32P)**



Wire side of female terminals

Fig. 28: AcuraLink® Control Unit (XM Receiver) 32P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity between any of the terminals?

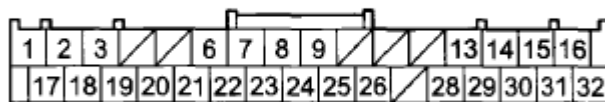
YES -There is a short in the wires between the AcuraLink® control unit (XM receiver) and the audio-navigation unit. Replace the affected shielded harness.

NO -Go to step 9.

9. Turn the ignition switch to ON (II), or press the engine start/stop button to select the ON mode.
10. Measure the voltage between AcuraLink® control unit (XM receiver) connector A (32P) and body ground according to the table.

AcuraLink® control unit (XM receiver) connector	Wire color
A17	WHT
A18	RED
A19	GRN
A20	BLK

**ACURALINK CONTROL UNIT (XM RECEIVER)
CONNECTOR A (32P)**



Wire side of female terminals

Fig. 29: AcuraLink® Control Unit (XM Receiver) 32P Connector End View
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.2 V?

YES -Go to step 11.

NO -There is a short to power in the wire(s) between the AcuraLink® control unit (XM receiver) and the audio-navigation unit. Replace the affected shielded harness.

11. Turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
12. Reconnect audio-navigation unit connector H (28P).
13. Substitute a known-good AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT (XM RECEIVER) REMOVAL/INSTALLATION**).

Does the problem go away?

YES -Update the AcuraLink® control unit (see **AcuraLink® CONTROL UNIT UPDATE**) if it does not have the latest software. If the software is the latest, replace the AcuraLink® control unit (XM receiver) (see **AcuraLink® CONTROL UNIT UPDATE**).

NO -Replace the audio-navigation unit (see **AUDIO-NAVIGATION UNIT REMOVAL/INSTALLATION**).

ACURALINK® CONTROL UNIT UPDATE

Special Tools Required

- GNA600 and an in workstation with HDS and CM update software
- 256MB PCMCIA Memory Card
- AcuraLink® Reprogramming Cable

NOTE:

- Before you update an AcuraLink® control unit, read the procedure. The order of connecting and disconnecting connectors is critical, and some steps must be done within a specified period of time. If the steps are not followed exactly, you may have to repeat the procedure from the start, and in some cases, you may damage the GNA600 or the AcuraLink® control unit.
- Whenever you install a new AcuraLink® control unit, you must update the AcuraLink® control unit with the latest software.
- The GNA600 is the only tool currently available to update the AcuraLink® control unit.
- If you are updating a AcuraLink® control unit in a new vehicle, make sure all the fuses are installed.
- Make sure the in workstation has the latest HDS software installed (The AcuraLink® update software is contained in the HDS update CD.).
- The update may take up to 60 minutes.
- You cannot update an AcuraLink® control unit with its current or previous software versions. It will only accept a new software version.
- Before you update the AcuraLink® control unit, test the vehicle battery (see **BATTERY TEST**), and only proceed if the results are good. Make sure the battery is connected to a battery booster (not a battery charger) while updating the AcuraLink® control unit. If the battery is not in good condition, or it dies during the updating procedure, you may damage the AcuraLink® control unit.
- If you encounter errors in the software, follow the on-screen instructions, or if necessary, reboot the in workstation, and try again.
- There are five process involved in updating the AcuraLink® control unit:
 - Setting up the GNA600
 - Capturing the current program ID from the AcuraLink® control unit
 - Download the new software to the GNA600
 - Update the software in the vehicle's AcuraLink® control unit
 - Confirm the AcuraLink® self-diagnosis
- While updating the AcuraLink® control unit, do not turn the ignition switch to LOCK (0), or press the engine start/stop button to select the OFF mode.
- To prevent damage to the AcuraLink® control unit, do not operate anything electrical (brakes, head lights, etc.) during the update.

- Check any official Honda service website for more service information about updating the AcuraLink® control unit.
- To update the AcuraLink® control unit, you must connect the GNA600 to the AcuraLink® connector (A), not the DLC.

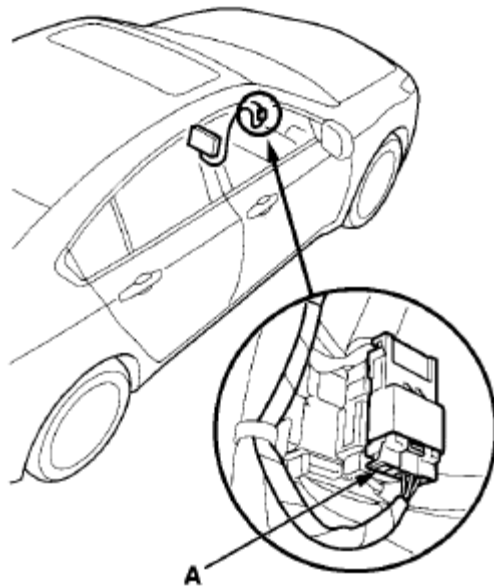


Fig. 30: Identifying AcuraLink® Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Make sure the ignition switch is in LOCK (0), or engine start/stop button is in the OFF mode.
2. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION**).
3. Launch the AcuraLink® Update program, and follow the on-screen instructions to complete the update.

NOTE:

- If the software in the AcuraLink® control unit is the latest, disconnect the update tool from the AcuraLink® connector.
- If the update is part of a troubleshooting or a repair procedure, return to that procedure and continue troubleshooting or repairing the vehicle.