

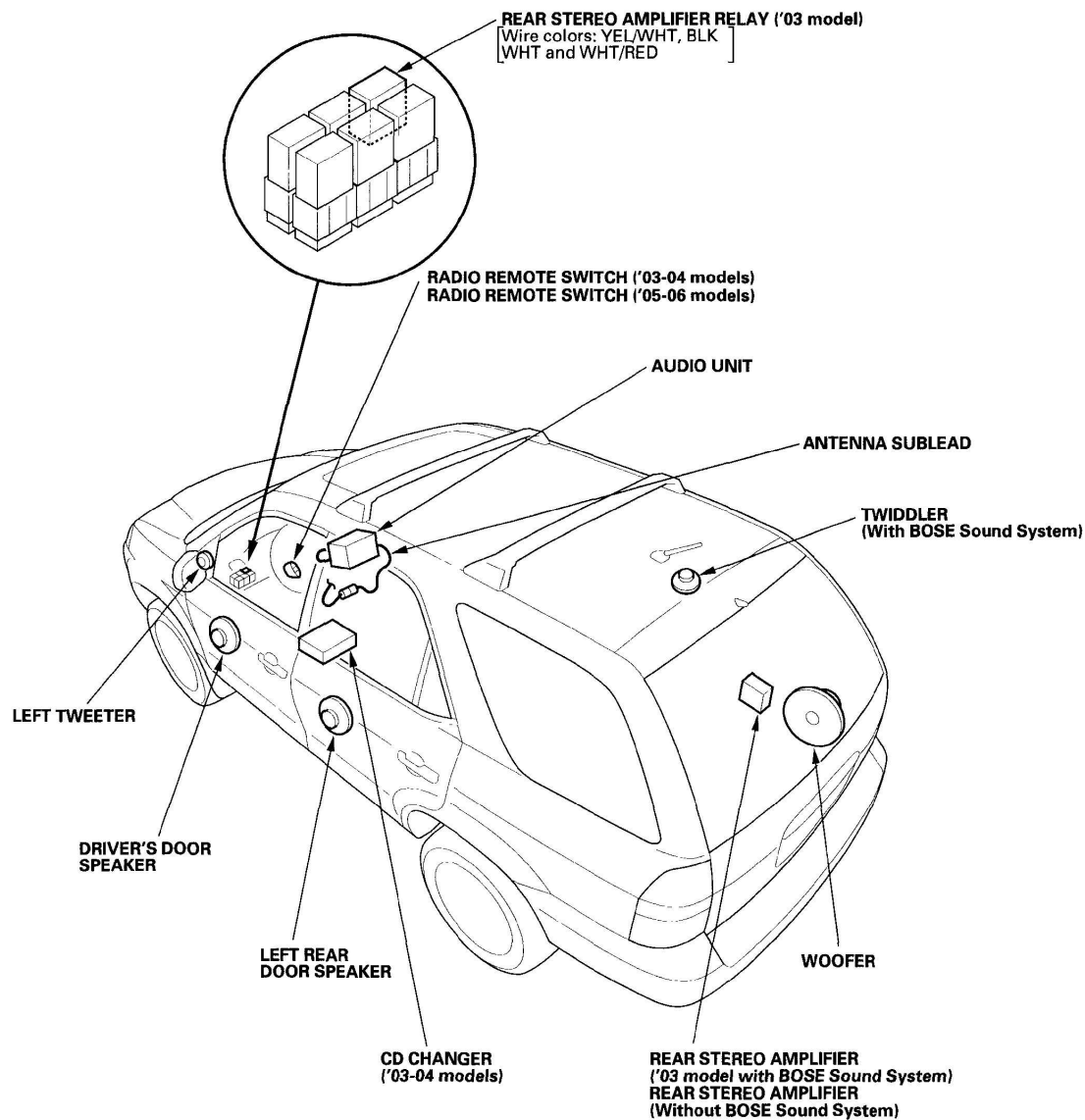
2006 Acura MDX

2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

2003-06 ACCESSORIES & EQUIPMENT

Audio System - MDX

COMPONENT LOCATION INDEX

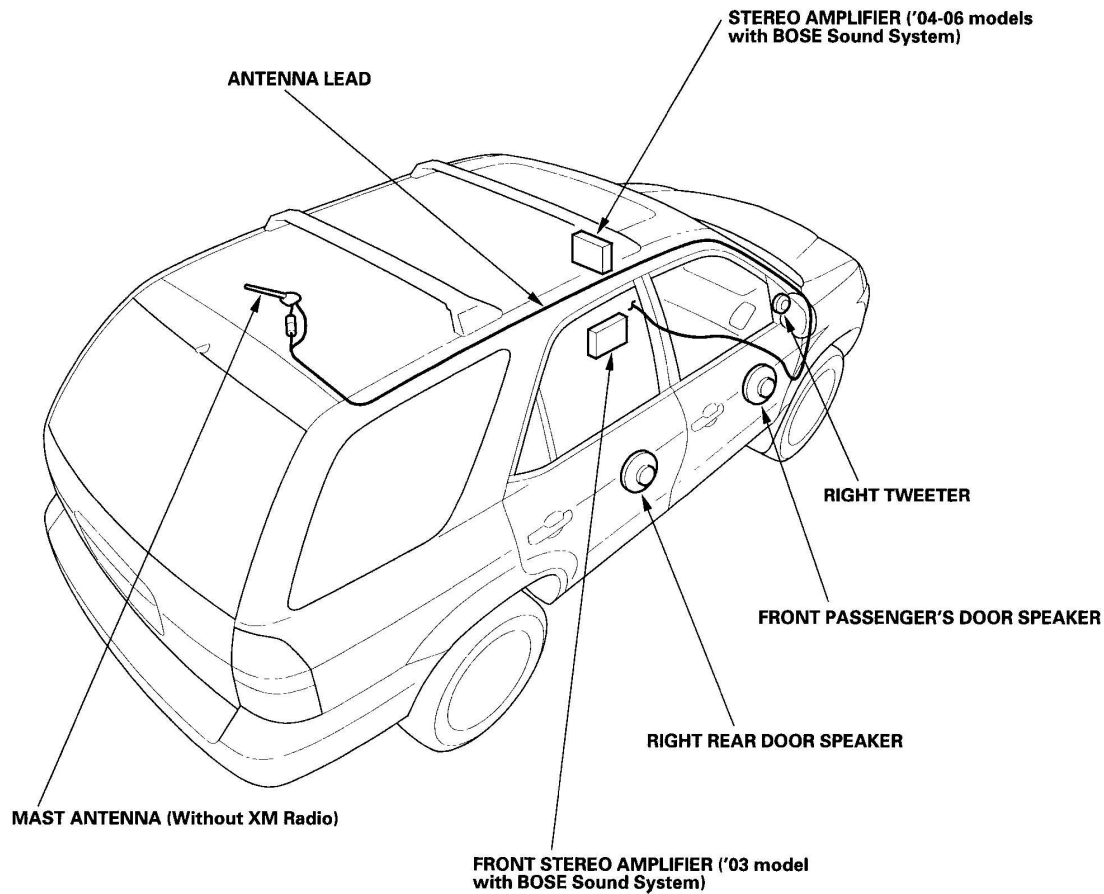


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Fig. 1: Identifying Audio System Components Location (1 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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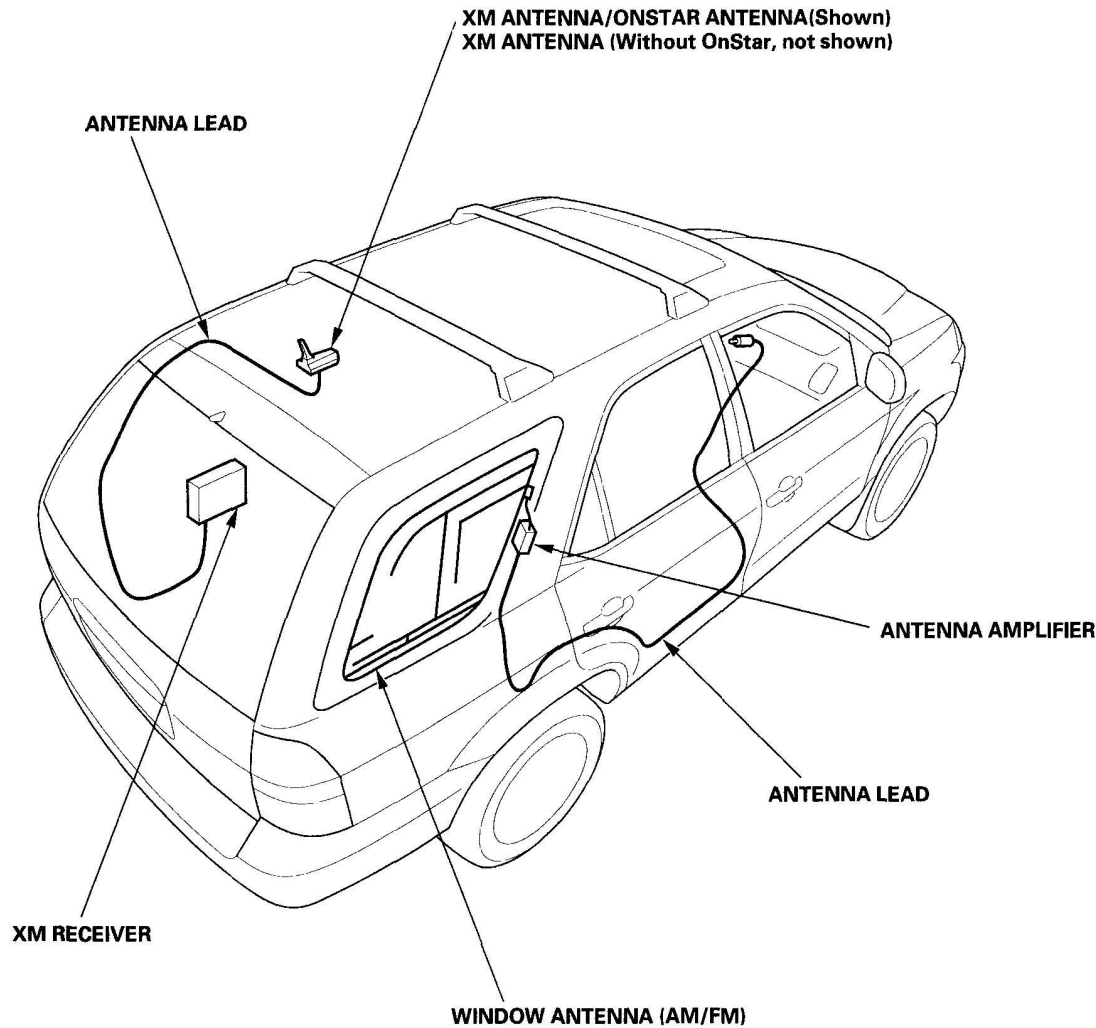
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Fig. 2: Identifying Audio System Components Location (2 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

WITH XM RADIO

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Fig. 3: Identifying Audio System Components Location (With XM Radio)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

ERROR CODES

'05-06 MODELS

The audio system displays error codes when a problem is detected with the disc changer, the disc, the XM radio, or the anti-theft code.

ERROR CODES ('05-06 MODELS)

Error Code Displayed	Possible Cause	Solution
CD DISC		

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ERROR	Cannot read disc.	Eject the disc and try another one.
CD MECH ERROR	There is a problem with the disc player. A common problem is disc labels coming off the disc in the player.	Try to eject the disc and try another one. If there is still a problem, replace the audio unit.
CD HEAT ERROR	Disc player is hot. This can happen if the vehicle is parked out in the hot sun all day.	Park the vehicle in a cooler place for a while and try the disc player again. If the error code is still present, try another disc. If the error code is still present, replace the audio unit.
XM CHECK ANTENNA	XM antenna input error; Defective XM antenna or receiver or an open or short in the XM antenna harness or crossed antenna pin locations.	Repair the open or short in the terrestrial or satellite antenna. Remove the XM antenna and recheck. If the error is gone, replace the original XM antenna harness. If the error is still present, replace the antenna lead (see <u>RADIO DISPLAYS ERROR CODE: XM ANTENNA</u>).
XM ANTENNA ERROR	XM antenna input error; Defective XM antenna or receiver or an open or short in the XM antenna harness or crossed antenna pin locations.	Repair the open or short in the terrestrial or satellite antenna. Remove the XM antenna and recheck. If the error is gone, replace the original XM antenna harness. If the error is still present, replace the antenna lead (see <u>RADIO DISPLAYS ERROR CODE: XM ANTENNA</u>).
XM UPDATING	XM radio is receiving information update from the network.	This message will disappear once the update is done.
XM NO SIGNAL	Loss of signal	Both terrestrial and satellite antennas have lost signal. Park the vehicle outside with a clear view of the southern horizon (see <u>RADIO DISPLAYS ERROR CODE: XM NO SIGNAL</u>).
XM OFF AIR	XM channel not in service.	Try another XM channel.
CODE ERROR 1	Anti-theft code mismatch (1st try)	Enter the correct anti-theft code.
CODE ERROR E	Anti-theft code mismatch (10th tried)	Remove the No. 48 (20 A) in the under-hood fuse/relay box, then reinsert it. You will have 10 more tries to enter the correct anti-theft code.

SYSTEM DESCRIPTION

AUDIO UNIT CONNECTOR INPUTS AND OUTPUTS ('03-04 MODELS WITHOUT BOSE SOUND SYSTEM)

When replacing an audio unit connector, match the wires to the cavities as listed in **AUDIO UNIT CONNECTOR ('03-04 MODELS WITHOUT BOSE SOUND SYSTEM)** .

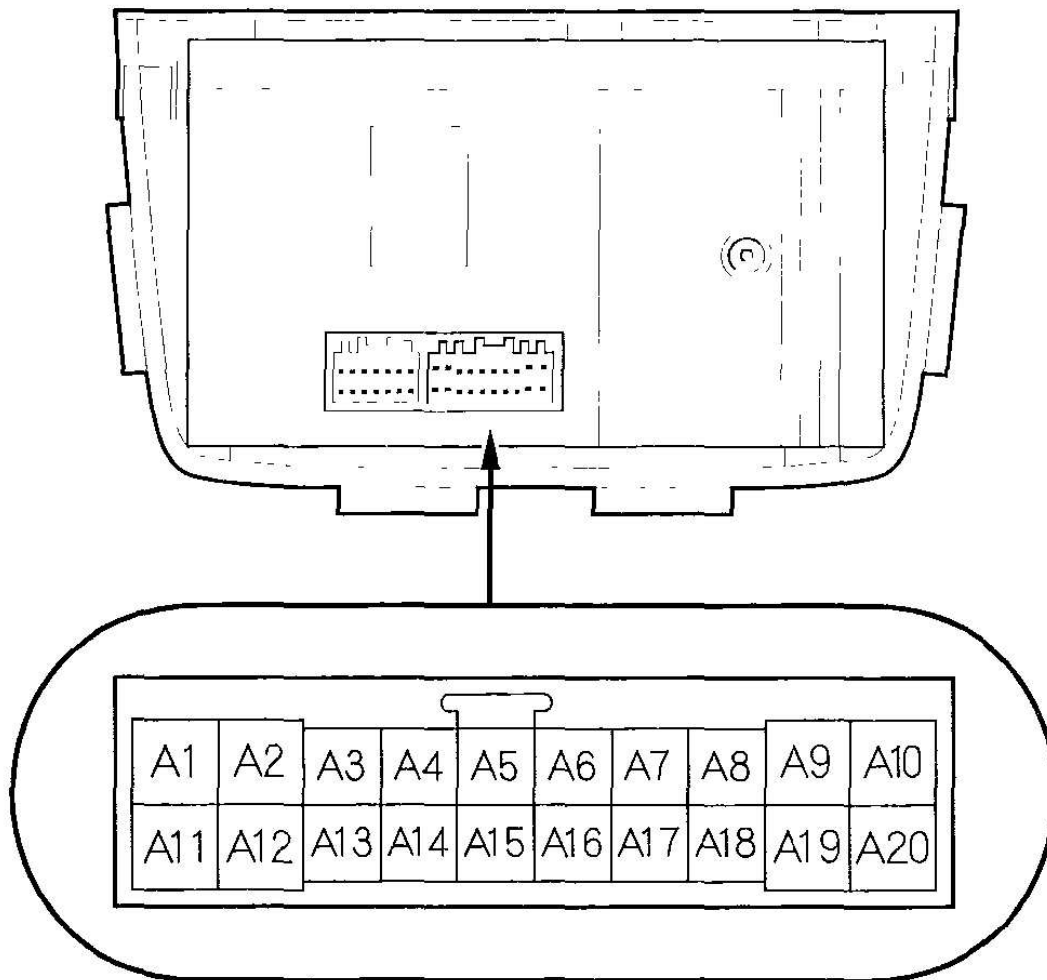
AUDIO UNIT CONNECTOR ('03-04 MODELS WITHOUT BOSE SOUND SYSTEM)

Cavity	Wire	Connects to

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A1	YEL/WHT	Radio switched power
A2	WHT/RED	ACC (Main stereo power supply)
A3	GRN/RED	Radio remote switch
A4	BLU	Security input
A5	RED/YEL	Rear stereo amplifier-right rear (+), Right rear door speaker (+)
A6	BLU/YEL	Rear stereo amplifier-left rear (+), Left rear door speaker (+)
A7	RED/GRN	Front passenger's door speaker (+), Right tweeter (+)
A8	BLU/GRN	Driver's door speaker (+), Left tweeter (+)
A9	RED/BLK	Lights-on signal
A10	WHT ⁽¹⁾	Constant power
	WHT/BLU ⁽²⁾	
A11	-	Not used
A12	-	Not used
A13	-	Not used
A14	-	Not used
A15	BRN/WHT	Rear stereo amplifier-right rear (-), Right rear door speaker (-)
A16	GRY/WHT	Rear stereo amplifier-left rear (-), Left rear door speaker (-)
A17	BRN/BLK	Front passenger's door speaker (-), Right tweeter (-)
A18	GRY/BLK	Driver's door speaker (-), Left tweeter (-)
A19	RED	Dash lights brightness controller (in the driver's multiplex control unit)
A20	BLK	Ground (G502)
(1) '03 Model		
(2) '04 Model		



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Fig. 4: Audio Unit Connector Inputs and Outputs ('03-04 Models Without BOSE Sound System)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO UNIT CONNECTOR INPUTS AND OUTPUTS ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM)

When replacing audio unit connectors, match the wires to the cavities listed in **AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR A**, **AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR D**, **AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR E** or **AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) ANTENNA LEAD CONNECTOR**.

Connector A

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AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR A

Cavity	Wire	Connects to
A1	YEL/WHT	Stereo amplifier power supply. Antenna amplifier power supply
A2	WHT/RED	ACC (audio power supply)
A3	GRN/RED	Radio remote switch (+)
A4	GRN/WHT* ¹	Security line (navigation display unit)
	BLU* ²	Passenger's multiplex control unit
A5	BLU	Stereo amplifier (RR SP+)
A6	RED	Stereo amplifier (RL SP+)
A7	YEL	Stereo amplifier (FR SP+)
A8	WHT	Stereo amplifier (FL SP+)
A9	RED/BLK	Illumination (+)
A10	WHT/BLU	+B (constant power)
A11	BLK/WHT	Radio remote switch (GND)
A12	PUR	Navigation unit (RG GND)
A13	LT GRN	Navigation unit (RG L+)
A14	LT GRN	OnStar control unit (TELE AUTO MUTE)
A15	BLK	Stereo amplifier (RR SP-)
A16	GRN	Stereo amplifier (RL SP-)
A17	BRN	Stereo amplifier (FR SP-)
A18	ORN	Stereo amplifier (FL SP-)
A19	RED	Dash lights brightness controller
A20	BLK	Ground (G502)

Connector D**AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR D**

Cavity	Wire	Connects to
D1	-	Not used
D2	ORN	XM receiver (SYS ACC)
D3	BRN	XM receiver (BUS SHIELD)
D4	GRY	XM receiver (SHIELD)
D5	WHT	XM receiver (R+)
D6	RED	XM receiver (L+)
D7	-	Not used
D8	-	Not used
D9	BLU	XM receiver (BUS+)
D10	PNK	XM receiver (BUS-)
D11	-	Not used
D12	-	Not used
D13	BLK	XM receiver (R-)

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D14	GRN	XM receiver (L-)
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Connector E

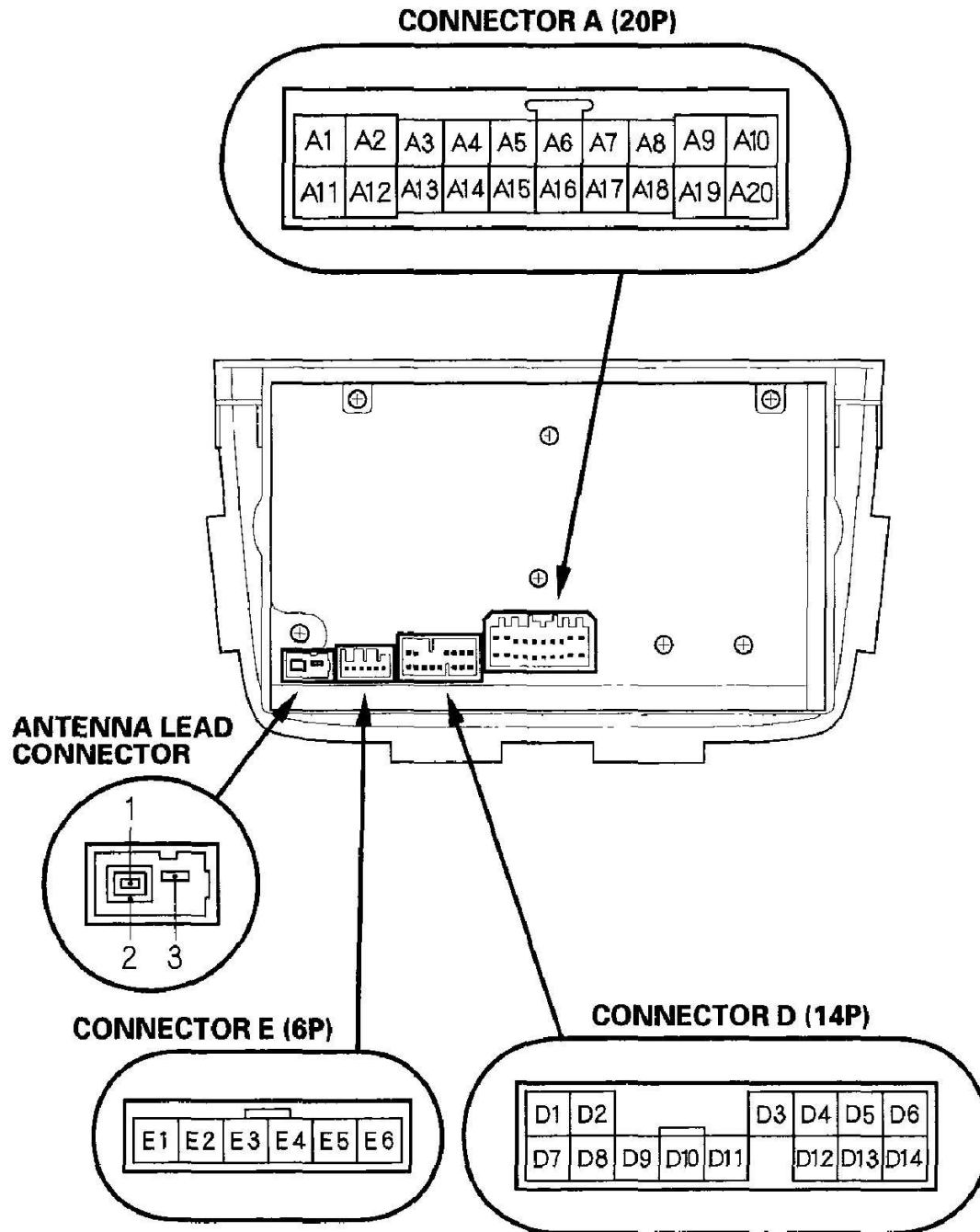
AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) CONNECTOR E

Cavity	Wire	Connects to
E1	-	HFL Audio (-)
E2	-	HFL Audio (+)
E3	-	HandsFreeLink control unit (SHIELD)
E4	-	HandsFreeLink control unit (HFT ICON LINE 2)
E5	-	HandsFreeLink control unit (HFT ICON LINE 1)
E6	-	HandsFreeLink control unit (HFT MUTE)

Antenna Lead Connector

AUDIO UNIT CONNECTOR ('05-06 MODELS WITHOUT BOSE SOUND SYSTEM) ANTENNA LEAD CONNECTOR

Cavity	Wire	Connects to
1	-	Antenna amplifier (IN)
2	-	Antenna amplifier (GND)
3	-	Antenna amplifier (SW+B)



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Fig. 5: Identifying Audio Unit Connector Inputs And Outputs ('05-06 Models Without BOSE Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO UNIT CONNECTOR A INPUTS AND OUTPUTS ('03-04 MODELS WITH BOSE SOUND

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SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM)

When replacing an audio unit connector, match the wires to the cavities as listed in **AUDIO UNIT CONNECTOR A ('03-04 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM)** .

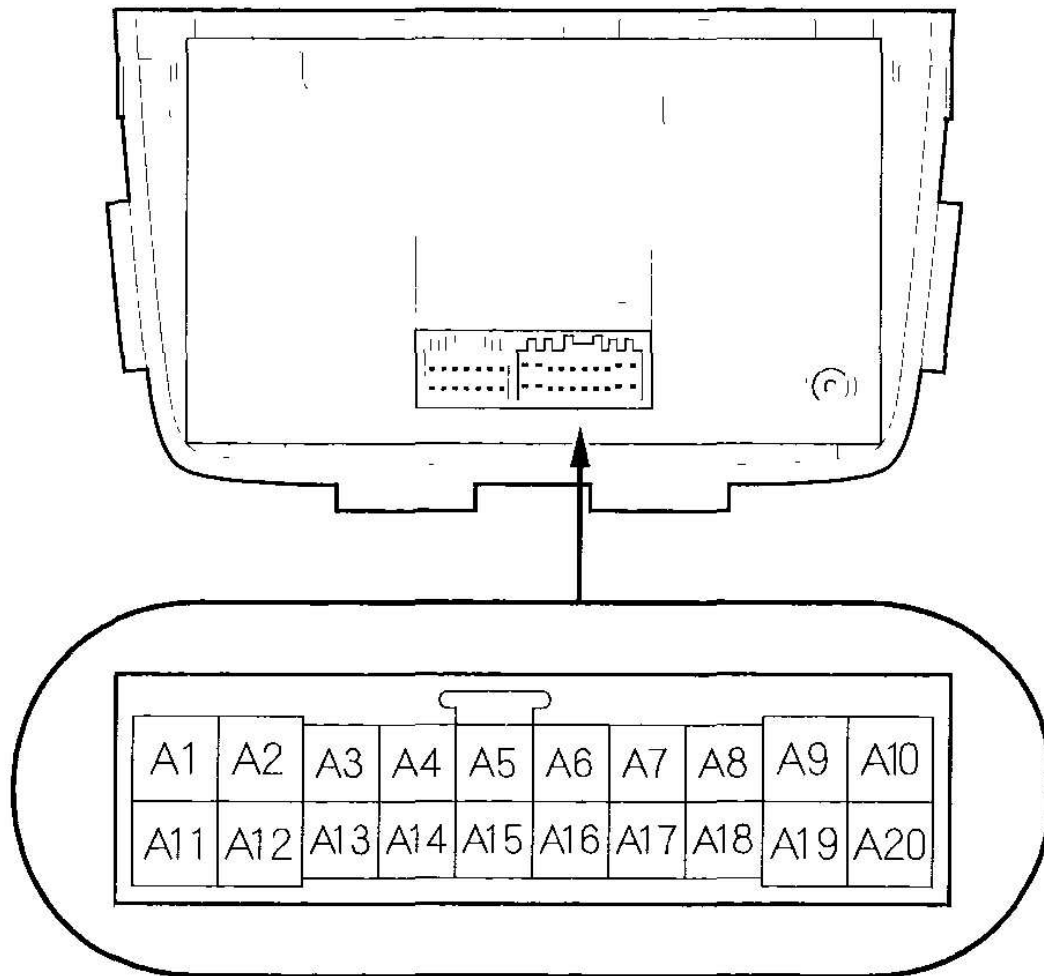
AUDIO UNIT CONNECTOR A ('03-04 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM)

Cavity	Wire	Connects to
A1	YEL/WHT	Radio switched power
A2	WHT/RED	ACC (Main stereo power supply)
A3	GRN/RED	Radio remote switch
A4	GRN/WHT ⁽³⁾	Security input
	BLU	
A5	BLU	Front stereo amplifier-right rear (+)
A6	RED	Front stereo amplifier-left rear (+)
A7	YEL	Front stereo amplifier-right front (+)
A8	WHT	Front stereo amplifier-left front (+)
A9	RED/BLK	Lights-on signal
A10	WHT ⁽¹⁾	Constant power
	WHT/BLU ⁽²⁾	
A11	RED ^{(1) (3)}	Navigation unit
	PUR ^{(2) (3)}	
A12	-	Not used
A13	GRN ^{(1) (3)}	Navigation unit
	LT GRN ^{(2) (3)}	
A14	WHT/BLK ⁽³⁾	Navigation unit
A15	BLK	Front stereo amplifier-right rear (-)
A16	GRN	Front stereo amplifier-left rear (-)
A17	BRN	Front stereo amplifier-right front (-)
A18	ORN	Front stereo amplifier-left front (-)
A19	RED	Dash lights brightness controller (in the driver's multiplex control unit)
A20	BLK	Ground (G502)

(1) '03 Model

(2) '04 Model

(3) With Navigation System



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Fig. 6: Identifying Audio Unit Connector A Inputs And Outputs ('03-04 Models With Bose Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO UNIT CONNECTOR INPUTS AND OUTPUTS ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM)

When replacing audio unit connectors, match the wires to the cavities listed in **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR A** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR D** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR F** or **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) ANTENNA LEAD CONNECTOR** .

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Connector A**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR A**

Cavity	Wire	Connects to
A1	YEL/WHT	Stereo amplifier power supply
A2	WHT/RED	ACC (audio power supply)
A3	GRN/RED	Radio remote switch (+)
A4	GRN/WHT ⁽¹⁾	Security line (navigation display unit)
	BLU ⁽²⁾	Passenger's multiplex control unit
A5	BLU	Stereo amplifier (RR SP+)
A6	RED	Stereo amplifier (RL SP+)
A7	YEL	Stereo amplifier (FR SP+)
A8	WHT	Stereo amplifier (FL SP+)
A9	RED/BLK	Illumination (+)
A10	WHT/BLU	+B (constant power)
A11	BLK/WHT	Radio remote switch (GND)
A12	PUR	Navigation unit (RG GND)
A13	LT GRN	Navigation unit (RG L+)
A14	LT GRN	OnStar control unit (TELE AUTO MUTE)
A15	BLK	Stereo amplifier (RR SP-)
A16	GRN	Stereo amplifier (RL SP-)
A17	BRN	Stereo amplifier (FR SP-)
A18	ORN	Stereo amplifier (FL SP-)
A19	RED	Dash lights brightness controller
A20	BLK	Ground (G502)

(1) With Navigation

(2) Without Navigation

Connector D**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR D**

Cavity	Wire	Connects to
D1	-	Not used
D2	ORN	XM receiver (SYS ACC)
D3	BRN	XM receiver (BUS SHIELD)
D4	GRY	XM receiver (SHIELD)
D5	WHT	XM receiver (R+)
D6	RED	XM receiver (L+)
D7	-	Not used

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D8	-	Not used
D9	BLU	XM receiver (BUS+)
D10	PNK	XM receiver (BUS-)
D11	-	Not used
D12	-	Not used
D13	BLK	XM receiver (R-)
D14	GRN	XM receiver (L-)

Connector F**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) CONNECTOR F**

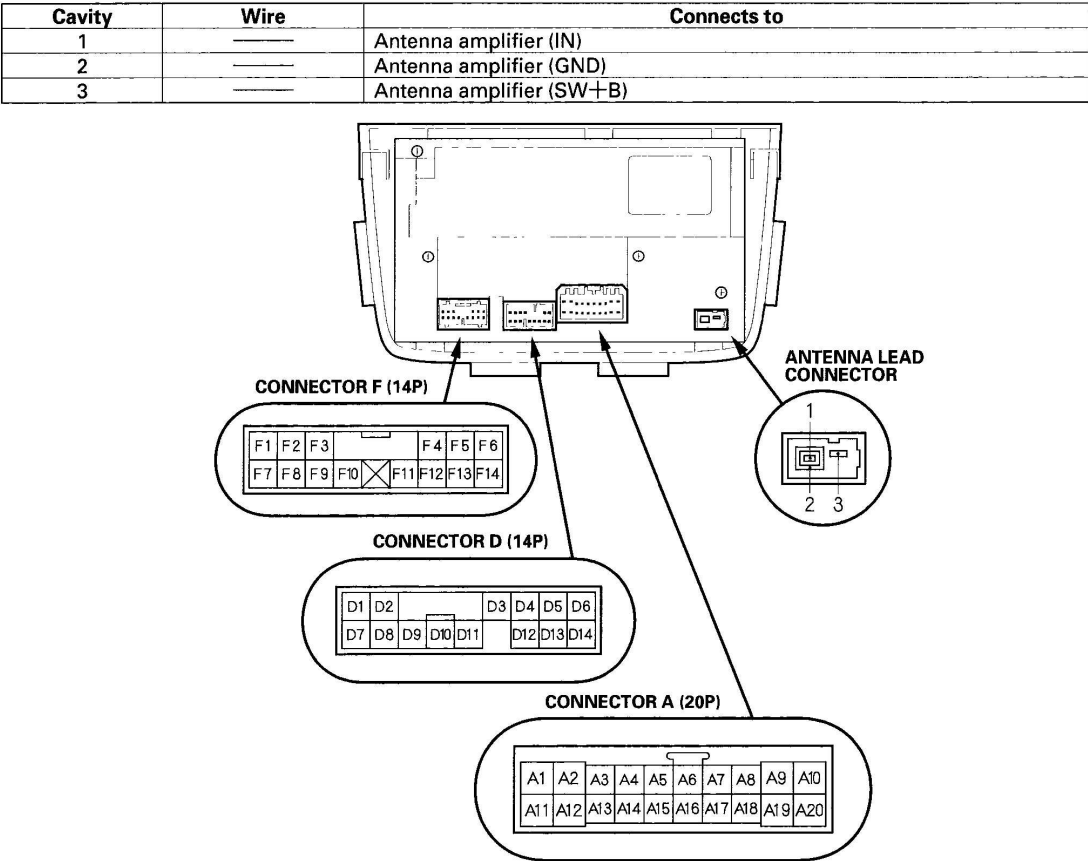
Cavity	Wire	Connects to
F1	BLU/YEL	HandsFreeLink control unit (HFT MUTE)
F2	WHT	HandsFreeLink control unit (HFT ICON LINE 1)
F3	RED/BLU	HandsFreeLink control unit (AUDIO+), OnStar control unit (AUDIO+)
F4	GRY	HandsFreeLink control unit (HFT MUTE)
F5	-	Not used
F6	-	Not used
F7	-	Not used
F8	GRN	HandsFreeLink control unit (HFT ICON LINE 2)
F9	YEL	HandsFreeLink control unit (AUDIO-), OnStar control unit (AUDIO-)
F10	LT GRN/BLK	HandsFreeLink control unit (SHIELD), OnStar control unit (SHIELD)
F11	LT BLU	Navigation unit (RG SHIELD)
F12	-	Not used
F13	-	Not used
F14	-	Not used

Antenna Lead Connector**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM WITHOUT REAR ENTERTAINMENT SYSTEM) ANTENNA LEAD CONNECTOR**

Cavity	Wire	Connects to
1	-	Antenna amplifier (IN)
2	-	Antenna amplifier (GND)
3	-	Antenna amplifier (SW+B)

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Fig. 7: Identifying Audio Unit Connector Inputs And Outputs ('05-06 Models With Bose Sound System)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO UNIT CONNECTOR INPUTS AND OUTPUTS ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM)

When replacing an audio unit connector, match the wires to the cavities as listed in **AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR A** , **AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR B** , **AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR C** or **AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR D** .

Connector A

AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR A

Cavity	Wire	Connects to
A1	YEL/WHT	Radio switched power

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A2	WHT/RED	ACC (Main stereo power supply)
A3	GRN/RED	Radio remote switch
A4	GRN/WHT ⁽³⁾	Security input
	BLU	
A5	BLU	Front stereo amplifier-right rear (+)
A6	RED	Front stereo amplifier-left rear (+)
A7	YEL	Front stereo amplifier-right front (+)
A8	WHT	Front stereo amplifier-left front (+)
A9	RED/BLK	Lights-on signal
A10	WHT ⁽¹⁾	Constant power
	WHT/BLU ⁽²⁾	
A11	RED ^{(1) (3)}	Navigation unit
	PUR ^{(2) (3)}	
A12	-	Not used
A13	GRN ^{(1) (3)}	Navigation unit
	LT GRN ^{(2) (3)}	
A14	WHT/BLK ⁽³⁾	Navigation unit
A15	BLK	Front stereo amplifier-right rear (-)
A16	GRN	Front stereo amplifier-left rear (-)
A17	BRN	Front stereo amplifier-right front (-)
A18	ORN	Front stereo amplifier-left front (-)
A19	RED	Dash lights brightness controller (in the driver's multiplex control unit)
A20	BLK	Ground (G502)
(1) '03 Model		
(2) '04 Model		
(3) With Navigation System		

Connector B

AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR B

Cavity	Wire	Connects to
B1	YEL	Rear controller and screen (L ch 2)
B2	GRN	Rear controller and screen (R ch 2)
B3	-	Not used
B4	BLU	Rear controller and screen (video 2)
B5	-	Not used
B6	-	Not used

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B7	ORN ⁽¹⁾	Rear controller and screen (BUS data input)
	RED/WHT ⁽²⁾	
B8	BLU/GRN ⁽¹⁾	Rear controller and screen (BUS ground)
	BLK/GRN ⁽²⁾	
B9	BLU	Rear controller and screen (audio 2 common)
B10	BRN/WHT	Rear controller and screen (audio 2 common)
B11	-	Not used
B12	RED	Rear controller and screen (video 2 ground)
B13	BRN/BLK	Rear controller and screen (video 2 shield)
B14	-	Not used
B15	ORN/BLU ⁽¹⁾	Rear controller and screen (BUS data output)
	RED/BLU ⁽²⁾	
B16	BRN	Rear controller and screen (BUS shield)
(1) '03 Model		
(2) '04 Model		

Connector C**AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR C**

Cavity	Wire	Connects to
C1	ORN ⁽¹⁾	DVD player unit (Lch 1)
	RED/WHT ⁽²⁾	
C2	BLU/GRN ⁽¹⁾	DVD player unit (audio 1 common)
	BLK/GRN ⁽²⁾	
C3	YEL	DVD player unit (serial data input)
C4	BLU	DVD player unit (serial ground)
C5	-	Not used
C6	BLU	DVD player unit (video 1)
C7	BRN	Auxiliary jack assembly (HP shield)
C8	ORN ⁽¹⁾	Auxiliary jack assembly (L ch output)
	BRN ⁽²⁾	
C9	ORN/BLU ⁽¹⁾	Auxiliary jack assembly (R ch output)
	GRN/BLU ⁽²⁾	
C10	BLU/GRN	Dash lights for DVD player unit, rear controller and screen
C11	-	Not used
C12	ORN/BLU ⁽¹⁾	DVD player unit (R ch 1)

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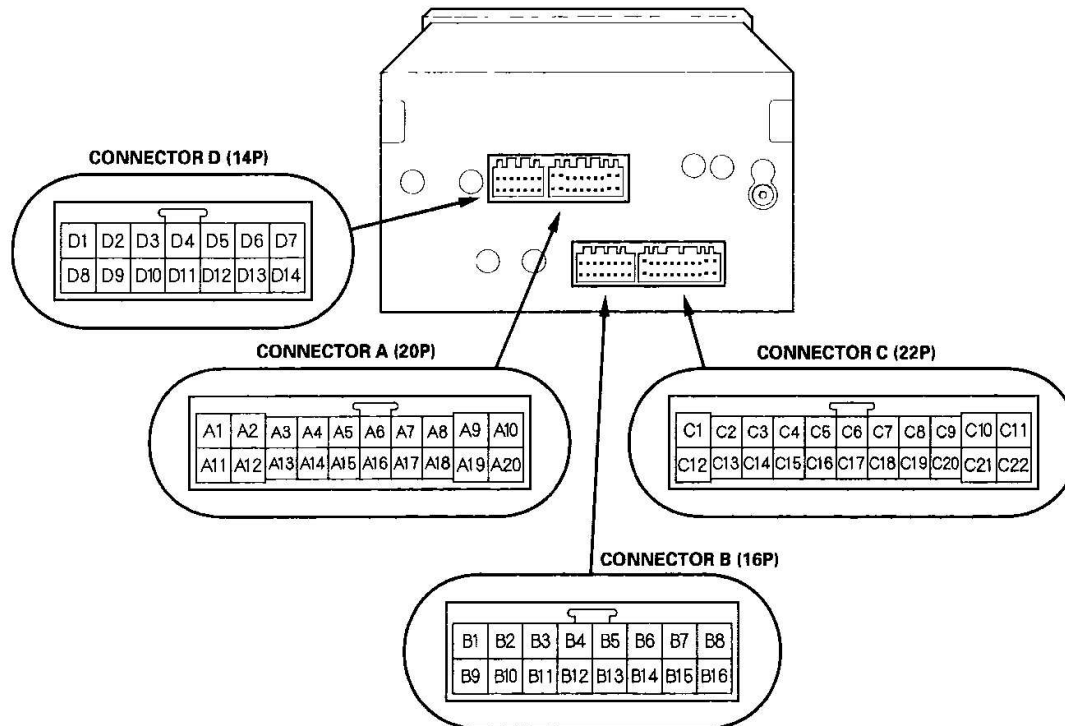
	RED/BLU ⁽²⁾	
C13	BRN	DVD player unit (audio 1 shield)
C14	GRN	DVD player unit (serial data output)
C15	BRN/WHT	DVD player unit (serial shield)
C16	-	Not used
C17	RED	DVD player unit (video 1 ground)
C18	BRN/BLK	DVD player unit (video 1 shield)
C19	BLU/GRN ⁽¹⁾	Auxiliary jack assembly (audio output common)
	WHT ⁽²⁾	
C20	-	Not used
C21	-	Not used
C22	-	Not used
(1) '03 Model		
(2) '04 Model		

Connector D**AUDIO UNIT CONNECTOR ('03-04 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR D**

Cavity	Wire	Connects to
D1	GRN	CD changer (ground)
D2	RED	CD changer (R ch output)
D3	-	Not used
D4	WHT/RED	CD changer (BUS)
D5	RED	CD changer (ACC+)
D6	-	Not used
D7	-	Not used
D8	LT BLU	CD changer (signal shield)
D9	BLU	CD changer (L ch output)
D10	BRN	CD changer (shield)
D11	-	Not used
D12	GRN/BLK	CD changer (BUS ground)
D13	WHT/BLU	CD changer (+B)
D14	-	Not used

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Fig. 8: Identifying Audio Unit Connector Inputs and Outputs ('03-04 Models With BOSE Sound System And Rear Entertainment System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

AUDIO UNIT CONNECTOR INPUTS AND OUTPUTS ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM)

When replacing audio unit connectors, match the wires to the cavities listed in **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR A** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR B** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR C** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR D** , **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR E** or **AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) ANTENNA LEAD CONNECTOR** .

Connector A

AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR A

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Cavity	Wire	Connects to
A1	YEL/WHT	Stereo amplifier power supply
A2	WHT/RED	ACC (audio power supply)
A3	GRN/RED	Radio remote switch (+)
A4	GRN/WHT ⁽¹⁾	Security line (navigation display unit)
	BLU ⁽²⁾	DVD player unit
A5	BLU	Stereo amplifier (RR SP+)
A6	RED	Stereo amplifier (RL SP+)
A7	YEL	Stereo amplifier (FR SP+)
A8	WHT	Stereo amplifier (FL SP+)
A9	RED/BLK	Illumination (+)
A10	WHT/BLU	+B (constant power)
A11	BLK/WHT	Radio remote switch (GND)
A12	PUR	Navigation unit (RG GND)
A13	LT GRN	Navigation unit (RG L+)
A14	GRY	Stereo amplifier (MUTE)
A15	BLK	Stereo amplifier (RR SP-)
A16	GRN	Stereo amplifier (RL SP-)
A17	BRN	Stereo amplifier (FR SP-)
A18	ORN	Stereo amplifier (FL SP-)
A19	RED	Dash lights brightness controller
A20	BLK	Ground (G502)
(1) With Navigation		
(2) Without Navigation		

Connector B**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR B**

Cavity	Wire	Connects to
B1	-	Not used
B2	BLU	Rear controller and screen (RR NTSC OUT)
B3	BRN/BLK	Rear controller and screen (RR NTSC SHIELD)
B4	RED/BLU	HandsFreeLink control unit (AUDIO+), OnStar control unit (AUDIO+)
B5	LT GRN/BLK	HandsFreeLink control unit (SHIELD), OnStar control unit (SHIELD)
B6	-	Not used
B7	BRN/BLK	Auxiliary jack assembly (VIDEO 1 SHIELD)
B8	BRN	Auxiliary jack assembly (HP LCH OUT)
B9	BRN	Auxiliary Jack assembly (HP SHIELD)
B10	BRN	Rear controller and screen (HP R/L SHIELD)

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B11	RED	Rear controller and screen (HP R/L GND)
B12	BLK	Rear controller and screen (HP L)
B13	WHT	Rear controller and screen (HP R)
B14	BLU/GRN	Rear controller and screen (SYSTEM ACC)
B15	-	Not used
B16	-	Not used
B17	RED	Rear controller and screen (RR NTSC GND)
B18	YEL	HandsFreeLink control unit (AUDIO-), OnStar control unit (AUDIO-)
B19	LT BLU	Navigation unit (RG SHIELD)
B20	-	Not used
B21	RED	Auxiliary jack assembly (VIDEO 1 GND)
B22	BLU	Auxiliary jack assembly (VIDEO 1)
B23	WHT/GRN	Auxiliary jack assembly (CONN CHK)
B24	GRN/BLU	Auxiliary jack assembly (HP RCH CUT)
B25	WHT	Auxiliary jack assembly (HP AUDIO COM)
B26	BRN/WHT	Auxiliary jack assembly (VIDEO1 L/R SHIELD)
B27	BLU	Auxiliary jack assembly (VIDEO 1 L/R GND)
B28	YEL	Auxiliary jack assembly (VIDEO 1 L)
B29	GRN	Auxiliary jack assembly (VIDEO 1 R)
B30	-	Not used

Connector C

AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR C

Cavity	Wire	Connects to
C1	BLK/GRN	DVD player unit (DVD L/R GND)
C2	RED/WHT	DVD player unit (DVD L)
C3	RED/BLU	DVD player unit (DVD R)
C4	BRN/BLK	DVD player unit (DVD SHIELD)
C5	RED	DVD player unit (DVD GND)
C6	BLU	DVD player unit (DVD)
C7	-	Not used
C8	BRN	DVD player unit (DVD L/R SHIELD)
C9	RED/WHT	Rear controller and screen (RR BUS+)
C10	BRN	Rear controller and screen (RR BUS SHIELD)
C11	RED/BLU	Rear controller and screen (RR BUS-)
C12	YEL	DVD player unit (RX)
C13	GRN	DVD player unit (TX)
C14	BLU	DVD player unit (TX/RX GND)
C15	BRN/WHT	DVD player unit (TX/RX SHIELD)

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

C16

-

Not used

Connector D**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR D**

Cavity	Wire	Connects to
D1	-	Not used
D2	ORN	XM receiver (SYS ACC)
D3	BRN	XM receiver (BUS SHIELD)
D4	GRY	XM receiver (SHIELD)
D5	WHT	XM receiver (R+)
D6	RED	XM receiver (L+)
D7	-	Not used
D8	-	Not used
D9	BLU	XM receiver (BUS+)
D10	PNK	XM receiver (BUS-)
D11	-	Not used
D12	-	Not used
D13	BLK	XM receiver (R-)
D14	GRN	XM receiver (L-)

Connector E**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) CONNECTOR E**

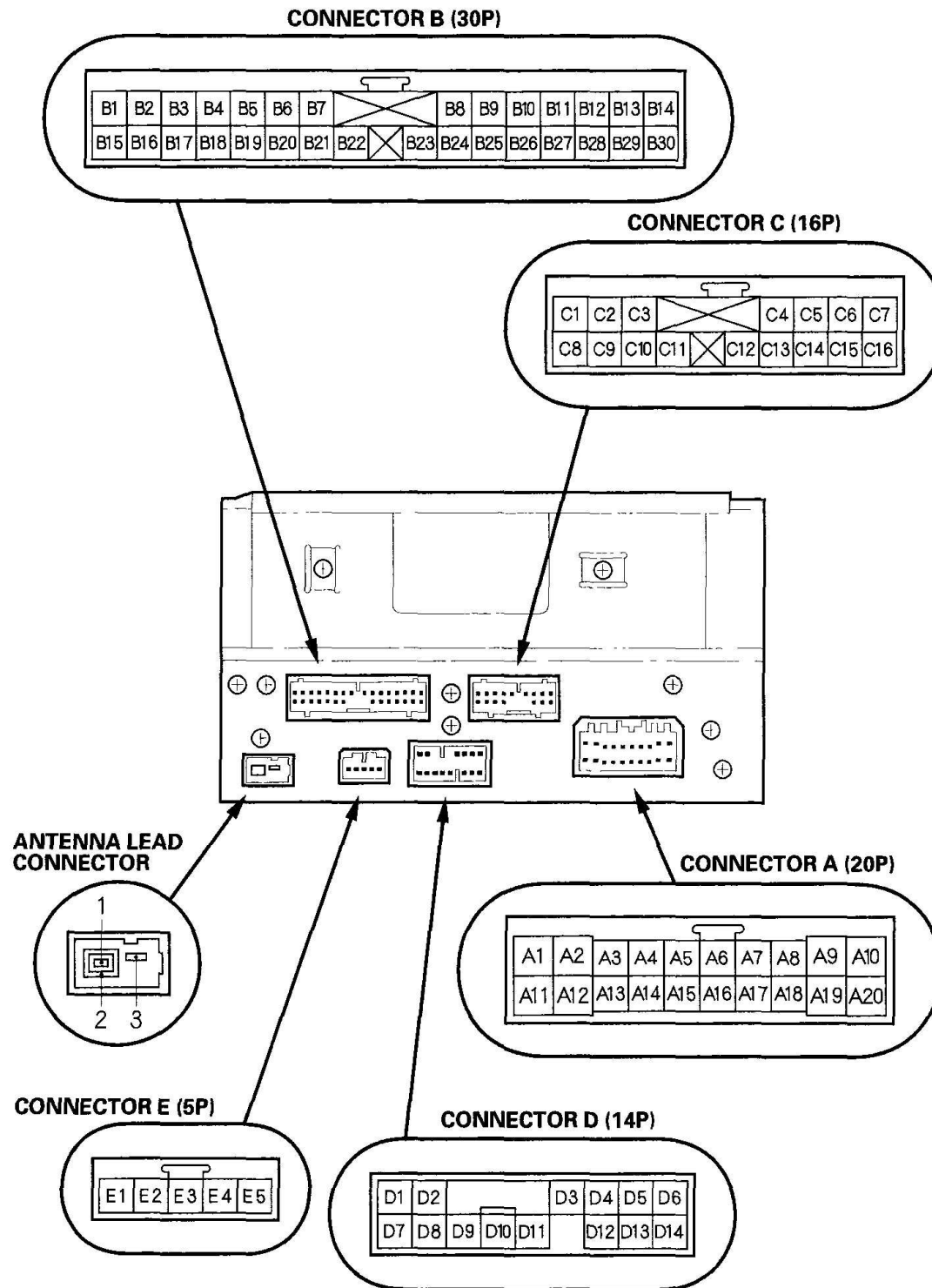
Cavity	Wire	Connects to
E1	LT GRN	OnStar control unit (TELE AUTO MUTE)
E2	-	Not used
E3	BLU/YEL	HandsFreeLink control unit (HFT MUTE)
E4	WHT	HandsFreeLink control unit (HFT ICON LINE 1)
E5	GRN	HandsFreeLink control unit (HFT ICON LINE 2)

Antenna Lead Connector**AUDIO UNIT CONNECTOR ('05-06 MODELS WITH BOSE SOUND SYSTEM AND REAR ENTERTAINMENT SYSTEM) ANTENNA LEAD CONNECTOR**

Cavity	Wire	Connects to
1	-	Antenna amplifier (IN)
2	-	Antenna amplifier (GND)
3	-	Antenna amplifier (SW +B)

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Fig. 9: Identifying Audio Unit Connector Inputs and Outputs ('05-06 Models With BOSE Sound System and Rear Entertainment System)

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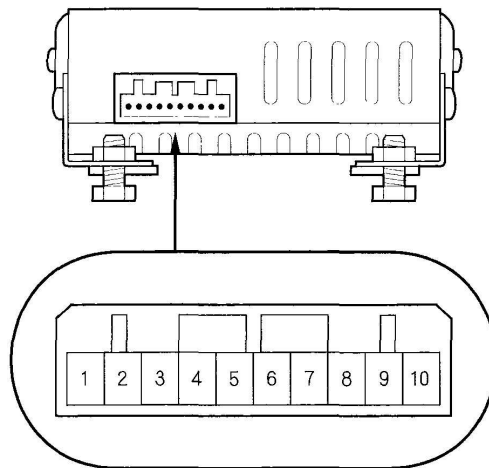
2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Courtesy of AMERICAN HONDA MOTOR CO., INC.

REAR STEREO AMPLIFIER CONNECTOR INPUTS AND OUTPUTS (WITHOUT BOSE SOUND SYSTEM)

When replacing a stereo amplifier connector, match the wires to the cavities as listed in the following table.

Cavity	Wire	Connects to
1	BLU/YEL	Audio unit-left rear (+)
2	GRY/WHT	Audio unit-left rear (-)
3	BRN/WHT	Audio unit-right rear (-)
4	RED/YEL	Audio unit-right rear (+)
5	YEL/WHT	Radio switch
6	WHT	Constant power
7	---	Not used
8	BLK	Ground (G652)
9	BRN/WHT	Woofer (-)
10	BLK/GRN	Woofer (+)



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Fig. 10: Identifying Rear Stereo Amplifier Connector Inputs And Outputs (Without BOSE Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

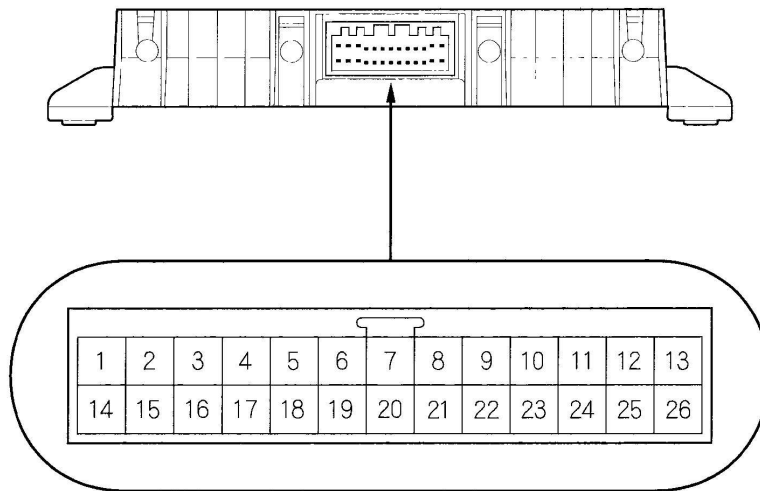
FRONT STEREO AMPLIFIER CONNECTOR INPUTS AND OUTPUTS ('03 MODEL WITH BOSE SOUND SYSTEM)

When replacing a stereo amplifier connector, match the wires to the cavities as listed in the following table.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Cavity	Wire	Connects to
1	BRN/BLK	Front passenger's door speaker (−), Right tweeter (−)
2	RED/GRN	Front passenger's door speaker (+), Right tweeter (+)
3	WHT	Constant power
4	—	Not used
5	YEL/WHT	Radio switch
6	ORN/BLU	Rear stereo amplifier-bass signal (+)
7	BLK	Audio unit-right rear (−)
8	BRN	Audio unit-right front (−)
9	GRN	Audio unit-left rear (−)
10	ORN	Audio unit-left front (−)
11	—	Not used
12	BLU/YEL	Left rear door speaker (+)
13	GRY/WHT	Left rear door speaker (−)
14	BRN/WHT	Right rear door speaker (−)
15	RED/YEL	Right rear door speaker (+)
16	BLK	Ground (G502)
17	LT GRN	Shielding
18	—	Not used
19	BLU/GRN	Rear stereo amplifier-bass signal (−)
20	BLU	Audio unit-right rear (+)
21	YEL	Audio unit-right front (+)
22	RED	Audio unit-left rear (+)
23	WHT	Audio unit-left front (+)
24	—	Not used
25	GRY/BLK	Driver's door speaker (−), Left tweeter (−)
26	BLU/GRN	Driver's door speaker (+), Left tweeter (+)



G03642468

Fig. 11: Identifying Front Stereo Amplifier Connector Inputs And Outputs ('03 Model With BOSE Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

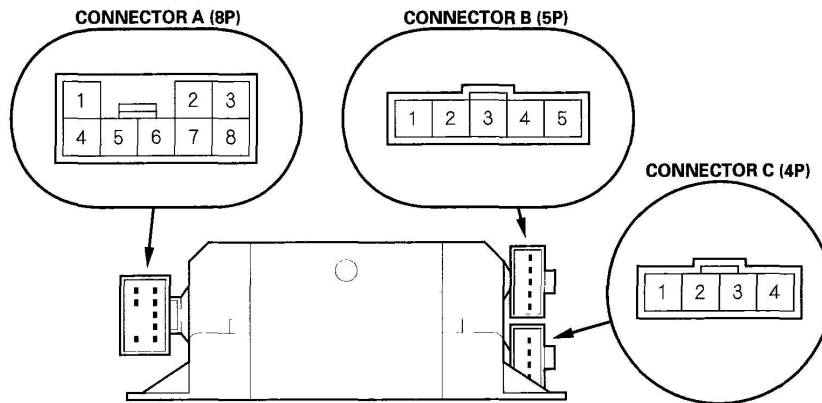
REAR STEREO AMPLIFIER CONNECTOR INPUTS AND OUTPUTS ('03 MODEL WITH BOSE SOUND SYSTEM)

When replacing a stereo amplifier unit connector, match the wires to the cavities as listed in the following table.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Cavity	Wire	Connects to
A1	BLK	Ground (G652)
A2	BLK	Ground (G652)
A3	WHT/RED	Constant power
A4	RED	Rear tweeter (—)
A5	GRN	Rear tweeter (+)
A6	—	Not used
A7	BRN/RED	Shielding
A8	WHT/RED	Constant power
B1	BRN/WHT	Shielding
B2	WHT/BLU	Woofer (—)
B3	BLU/YEL	Woofer (+)
B4	ORN/BLU	Woofer (—)
B5	BLU/GRN	Woofer (+)
C1	ORN/BLU	Front stereo amplifier-bass signal (+)
C2	BLU/GRN	Front stereo amplifier-bass signal (—)
C3	—	Not used
C4	—	Not used



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Fig. 12: Identifying Rear Stereo Amplifier Connector Inputs And Outputs ('03 Model With BOSE Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

STEREO AMPLIFIER CONNECTOR INPUTS AND OUTPUTS ('04-06 MODELS WITH BOSE SOUND SYSTEM)

When replacing a stereo amplifier connector, match the wires to the cavities as listed in the following table.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

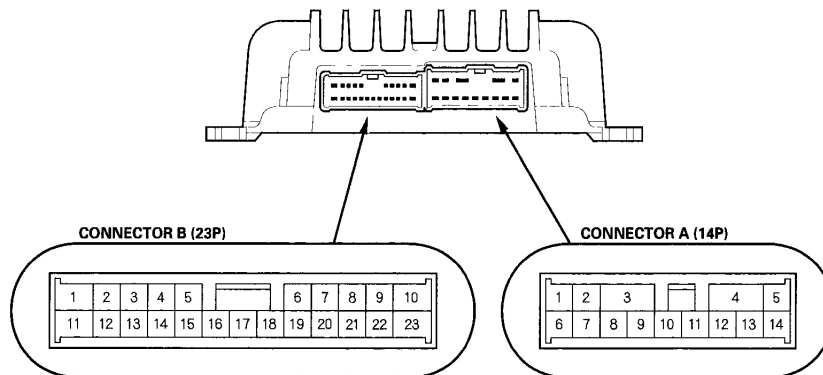
Connector A

Cavity	Wire	Connects to
A1	BRN/WHT	Right rear door speaker (—)
A2	GRY/WHT	Left rear door speaker (—)
A3	BLK	Ground (G502)
A4	WHT	Constant power
A5	WHT/BLU	Woofer (—)
A6	RED/YEL	Right rear door speaker (+)
A7	BLU/YEL	Left rear door speaker (+)
A8	—	Not used
A9	—	Not used
A10	—	Not used
A11	—	Not used
A12	GRN/YEL	Rear tweeter (+)
A13	BLU/YEL	Rear tweeter (—)
A14	BLK/YEL	Woofer (+)

Connector B

Cavity	Wire	Connects to
B1	BRN/BLK	Front passenger's door speaker (—), Right tweeter (—)
B2	—	Not used
B3	—	Not used
B4	—	Not used
B5	—	Not used
B6	RED	Audio unit-left rear (+)
B7	YEL	Audio unit-right front (+)
B8	WHT	Audio unit-left front (+)
B9	—	Not used
B10	GRY/BLK	Driver's door speaker (—), Left tweeter (—)
B11	RED/GRN	Front passenger's door speaker (+), Right tweeter (+)
B12	LT GRN	Shielding
B13	—	Not used
B14	—	Not used
B15	—	Not used
B16	GRY	Audio unit (MUTE)
B17	BLK	Audio unit-right rear (—)
B18	BLU	Audio unit-right rear (+)
B19	GRN	Audio unit-left rear (—)
B20	BRN	Audio unit-right front (—)
B21	ORN	Audio unit-left front (—)
B22	YEL/WHT	Radio switch (+B)
B23	BLU/GRN	Driver's door speaker (+), Left tweeter (+)

*: '05-06 models



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Fig. 13: Identifying Stereo Amplifier Connector Inputs And Outputs ('04-06 Models With BOSE Sound System)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

XM RECEIVER CONNECTOR INPUTS AND OUTPUTS ('05-06 USA MODELS)

When replacing an XM receiver connector, match the wires to the cavities listed in the following table.

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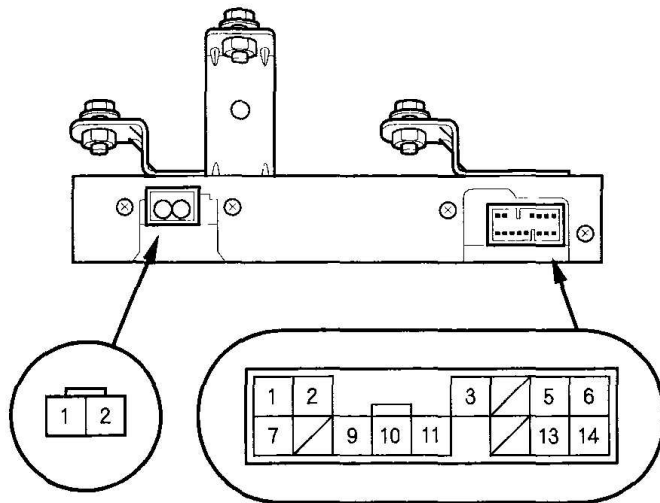
2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Connector A

Cavity	Wire	Connects to
A1	RED/BLU	+B (XM receiver power supply)
A2	ORN	ACC (XM receiver power supply)
A3	BRN	BUS shield
A4	—	Not used
A5	WHT	Audio unit (R+)
A6	RED	Audio unit (L+)
A7	RED/BLU	+B (XM receiver power supply)
A8	—	Not used
A9	BLU	Audio unit (BUS+)
A10	PNK	Audio unit (BUS-)
A11	BLK	Ground (G602)
A12	—	Not used
A13	BLK	Audio unit (R-)
A14	GRN	Audio unit (L-)

Connector B

Cavity	Wire	Connects to
B1	BLK	Terrestrial signal antenna
B2	BLK	Satellite signal antenna



CONNECTOR B (2P)

CONNECTOR A (14P)

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Fig. 14: Identifying XM Receiver Connector Inputs And Outputs ('05-06 USA Models)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

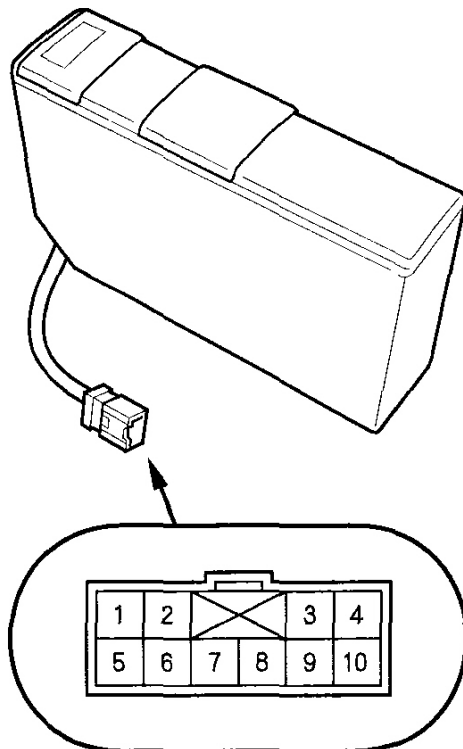
CD CHANGER CONNECTOR INPUTS AND OUTPUTS ('03-04 MODELS)

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

NOTE: For Rear Entertainment Circuit Diagrams, refer to Audio System Circuit Diagrams (see **03-04 MODELS WITH REAR ENTERTAINMENT SYSTEM**).

Cavity	Wire	Connects to
1	—	Not used
2	RED	Audio unit (main stereo power supply)
3	RED	Audio unit (R ch OUT)
4	LT BLU	Audio unit (serial shielding)
5	WHT/BLU	Audio unit (constant power)
6	GRN	Audio unit (ground)
7	WHT/RED	Audio unit (BUS communication line)
8	GRN/BLK	Audio unit (BUS communication ground)
9	BLU	Audio unit (L ch OUT)
10	BRN	Audio unit (BUS shielding)

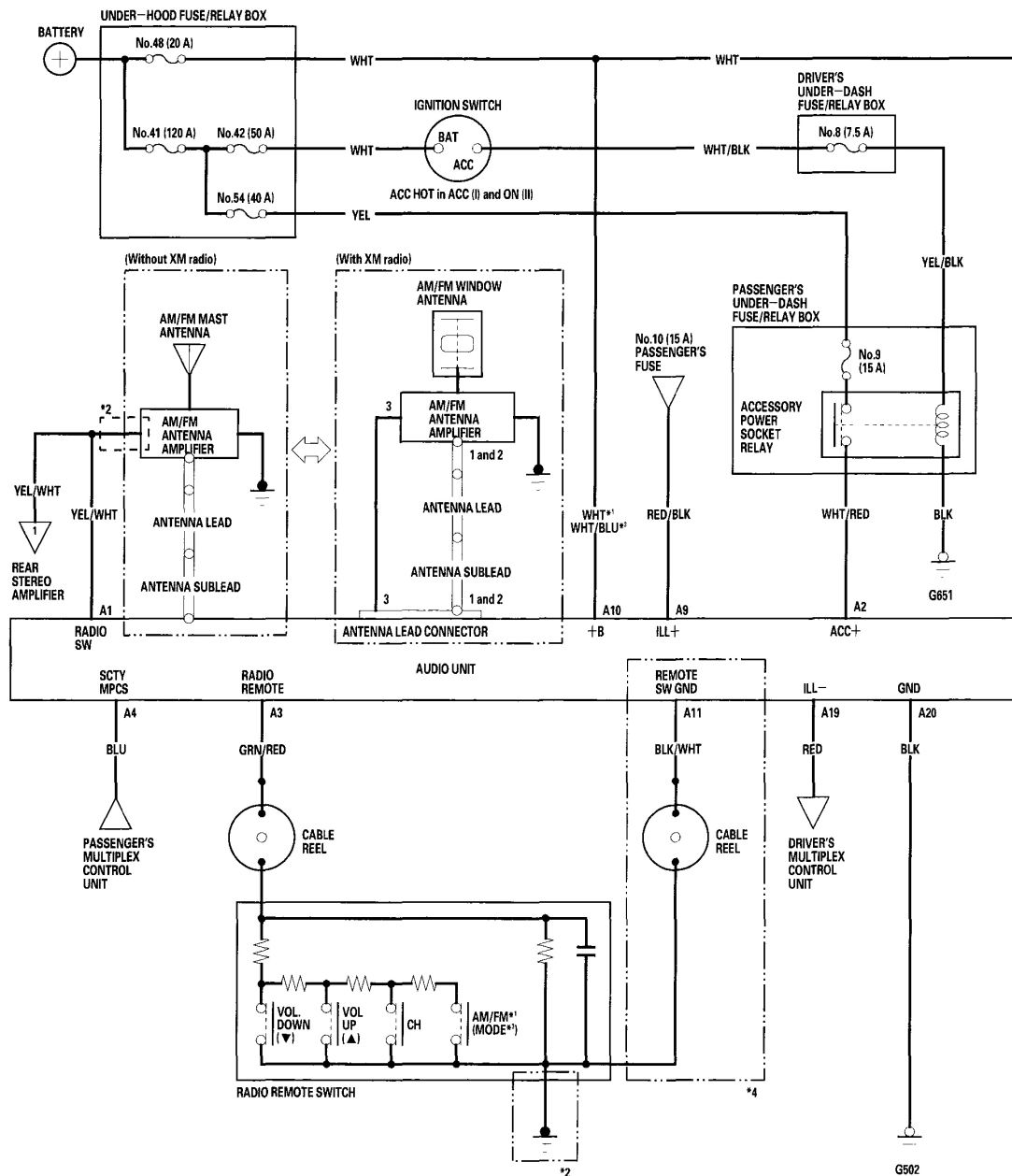


G03642472

Fig. 15: Identifying CD Changer Connector Inputs And Outputs ('03-04 Models)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

CIRCUIT DIAGRAM - WITHOUT BOSE SOUND SYSTEM



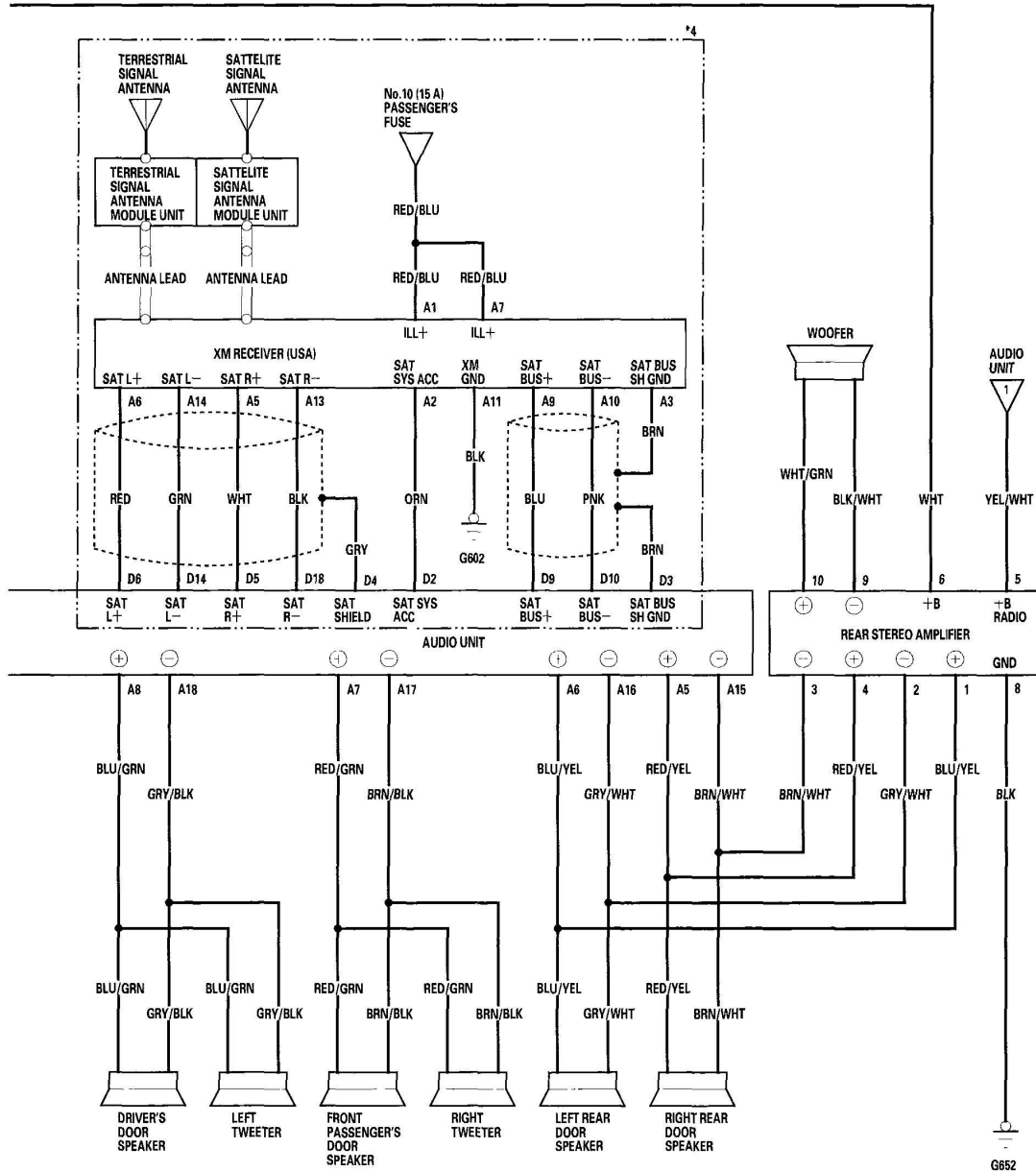
G03642473

Fig. 16: Circuit Diagram - Without BOSE Sound System (1 Of 2)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

*1: '03 model
 *2: '03-'04 models
 *3: '04-'06 models
 *4: '05-'06 models
 --- : Shielding



G03642474

Fig. 17: Circuit Diagram - Without BOSE Sound System (2 Of 2)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

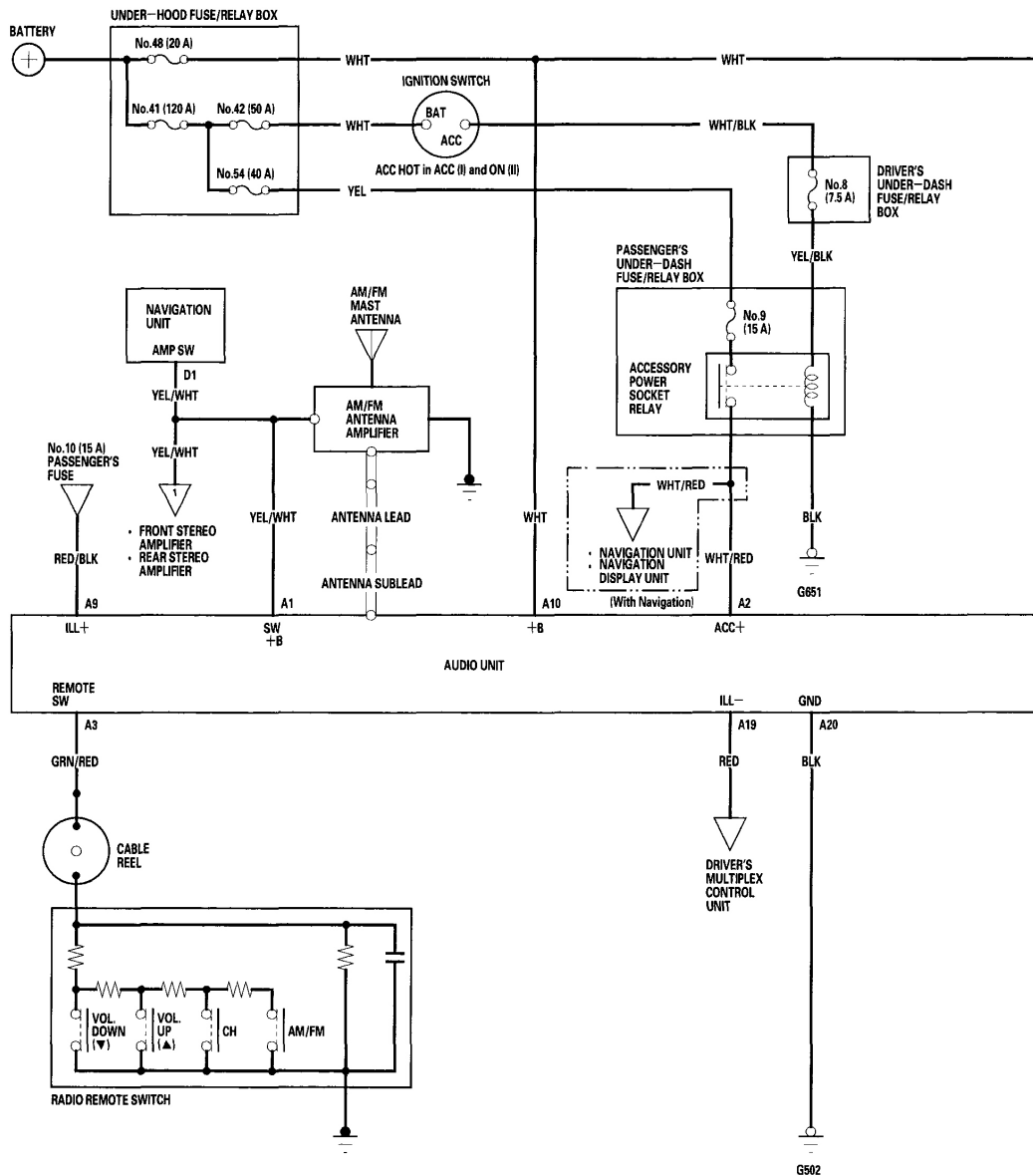
CIRCUIT DIAGRAM - WITH BOSE SOUND SYSTEM

'03 MODEL WITHOUT REAR ENTERTAINMENT SYSTEM

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'03 model without Rear Entertainment System



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Fig. 18: Circuit Diagram - Without Rear Entertainment System ('03 Model - 1 Of 2)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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'04 MODEL WITHOUT REAR ENTERTAINMENT SYSTEM

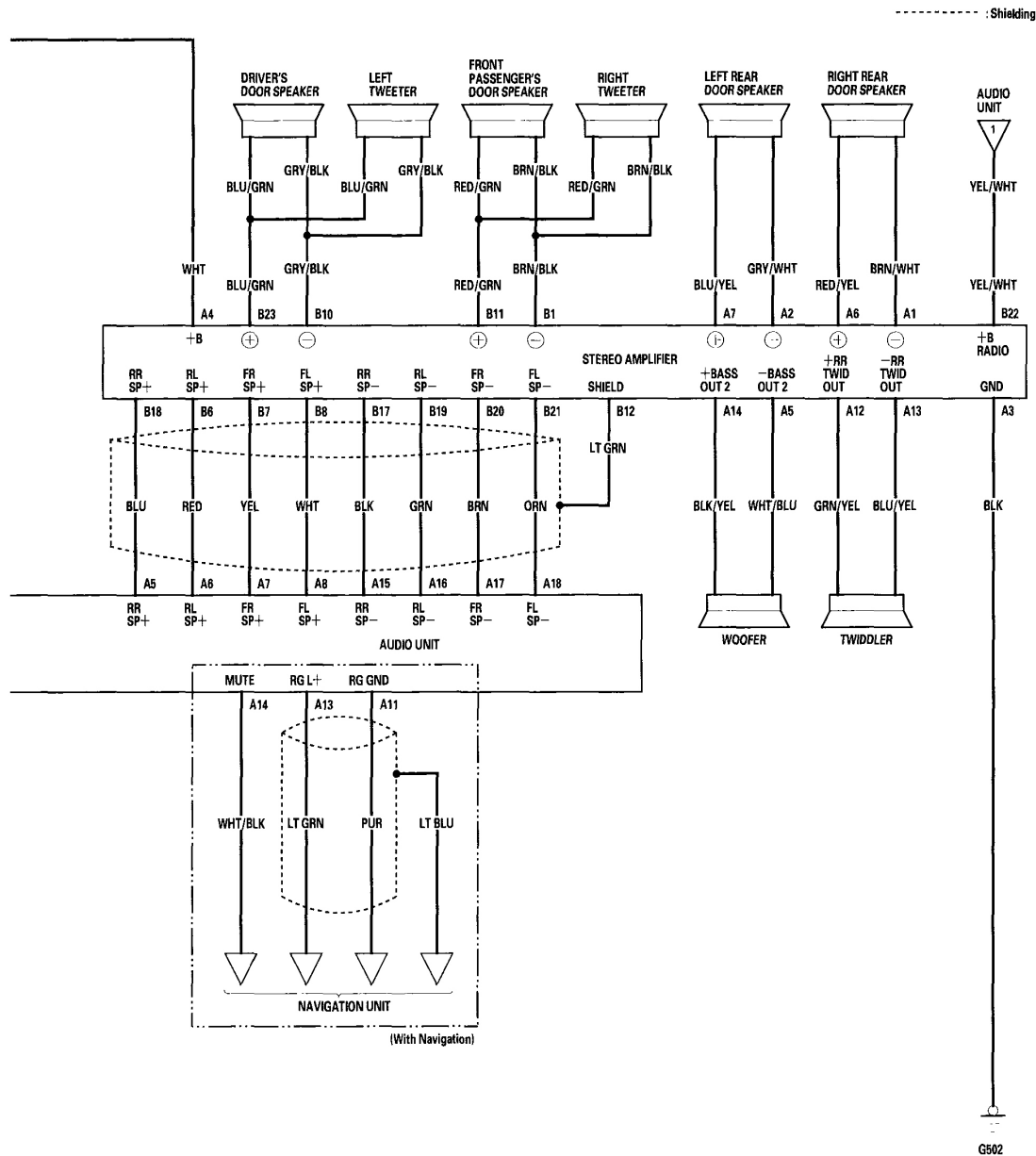
2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX



Fig. 20: Circuit Diagram - Without Rear Entertainment System ('04 Model - 1 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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G03642478

Fig. 21: Circuit Diagram - Without Rear Entertainment System ('04 Model - 2 Of 2)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

'05-06 MODELS WITHOUT REAR ENTERTAINMENT SYSTEM

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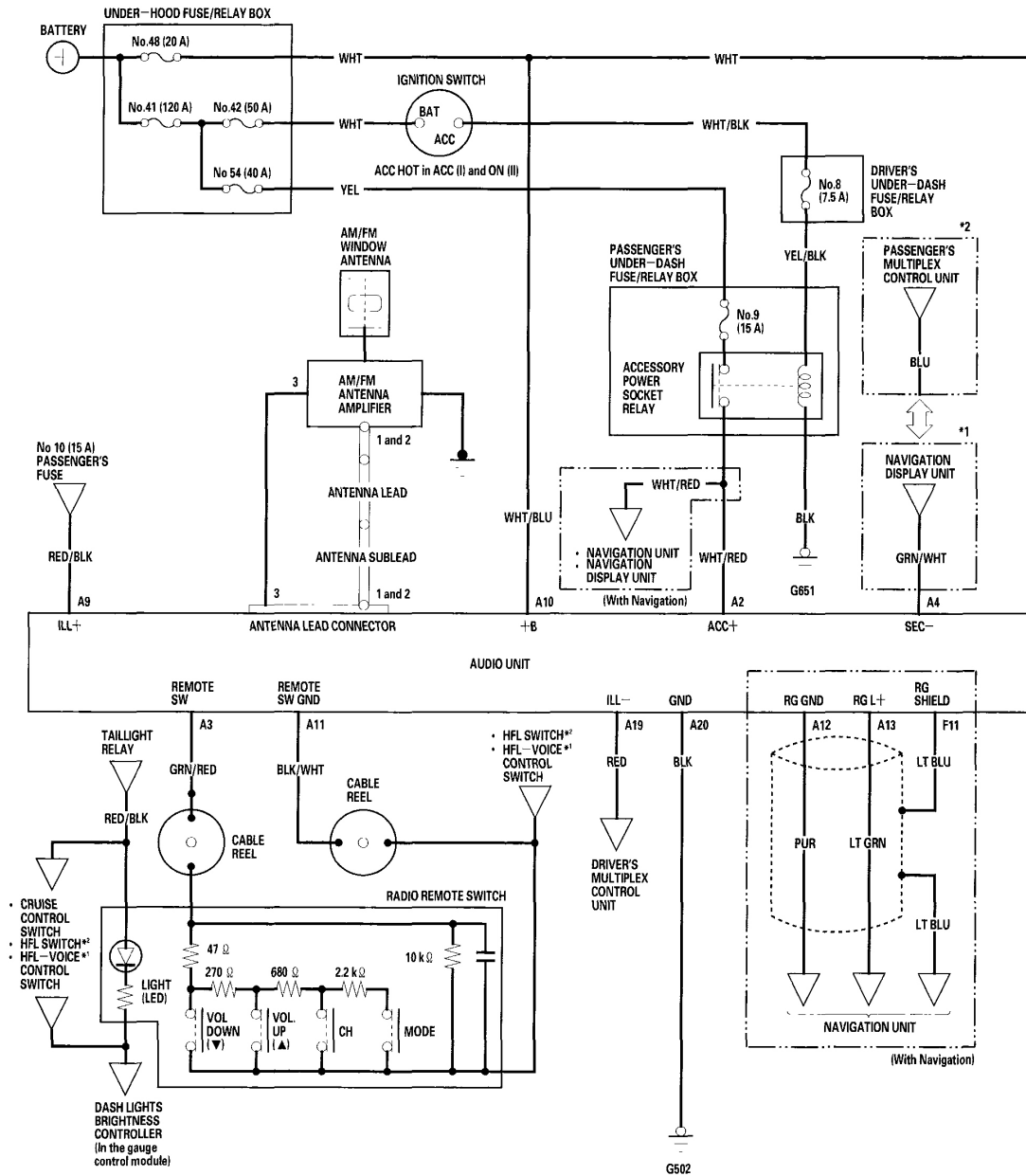
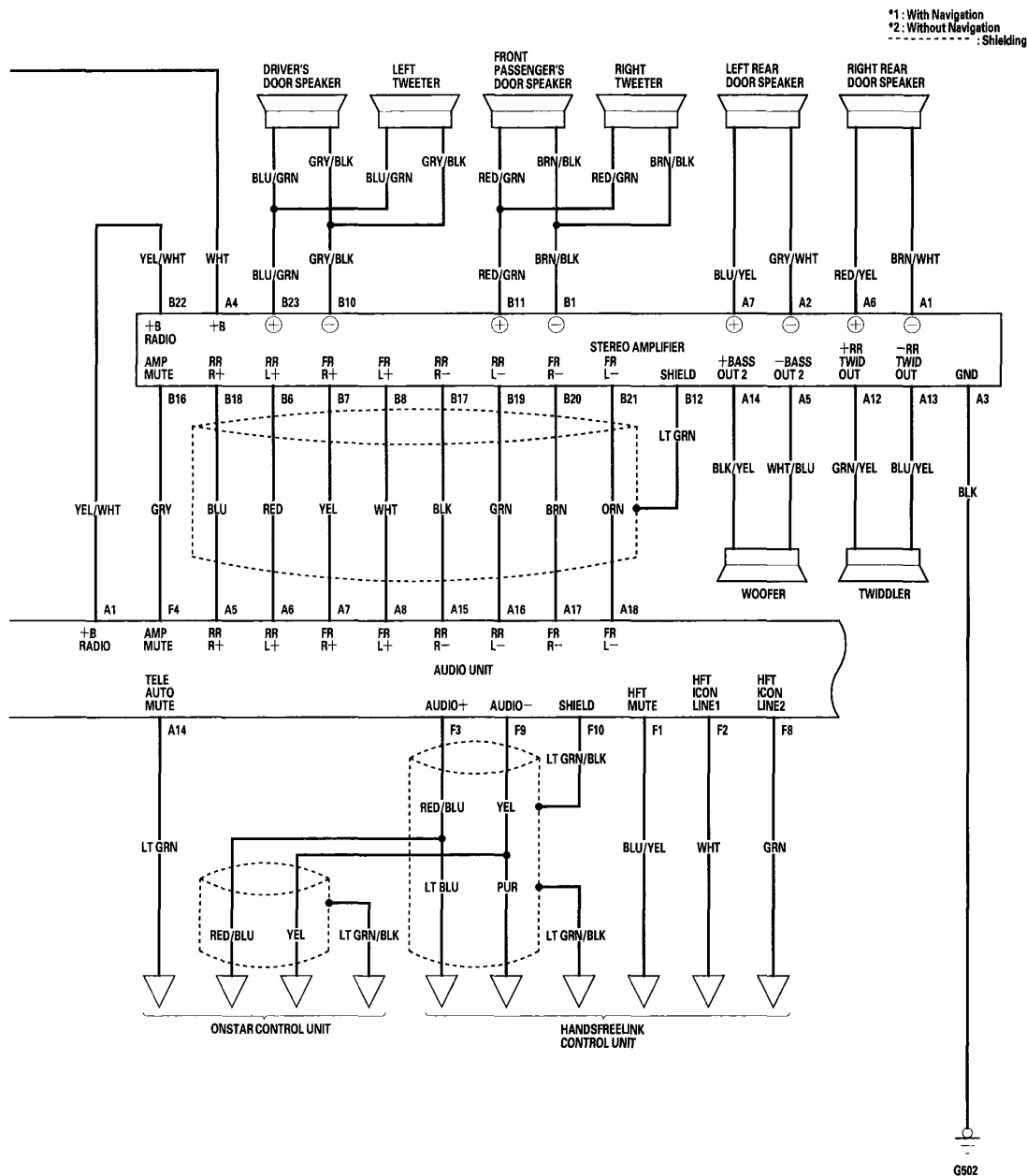


Fig. 22: Circuit Diagram - Without Rear Entertainment System ('05-06 Models - 1 Of 3)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX



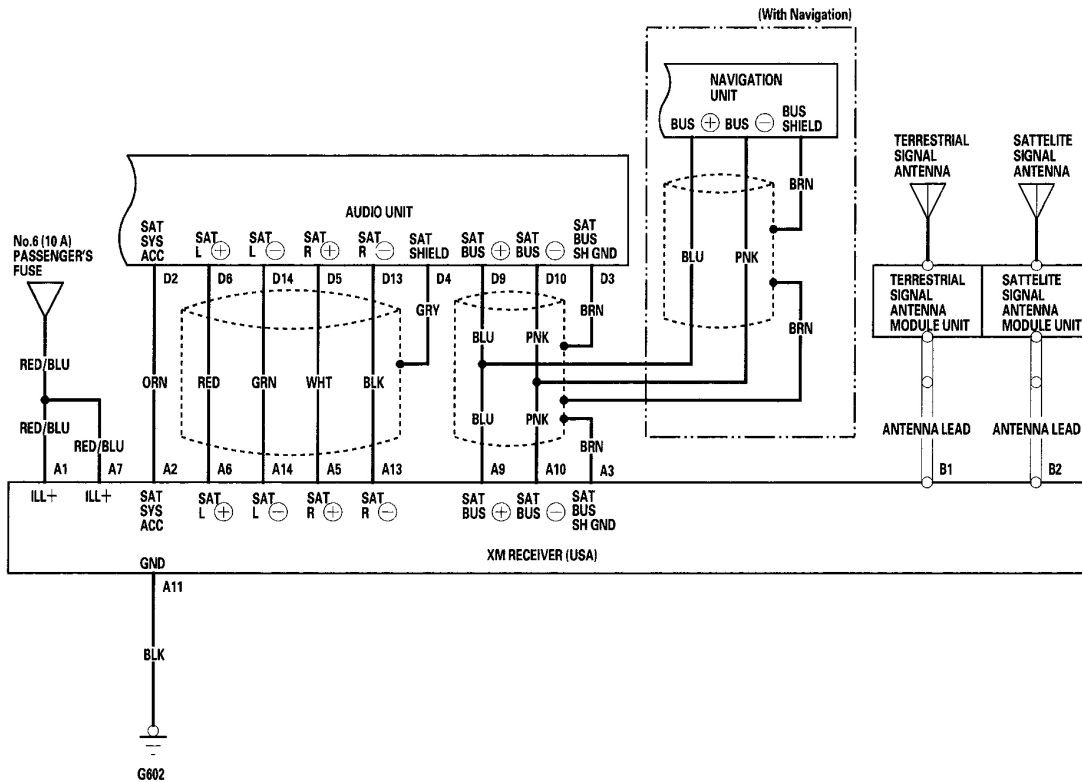
G03642480

Fig. 23: Circuit Diagram - Without Rear Entertainment System ('05-06 Models - 2 Of 3)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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----- : Shielding



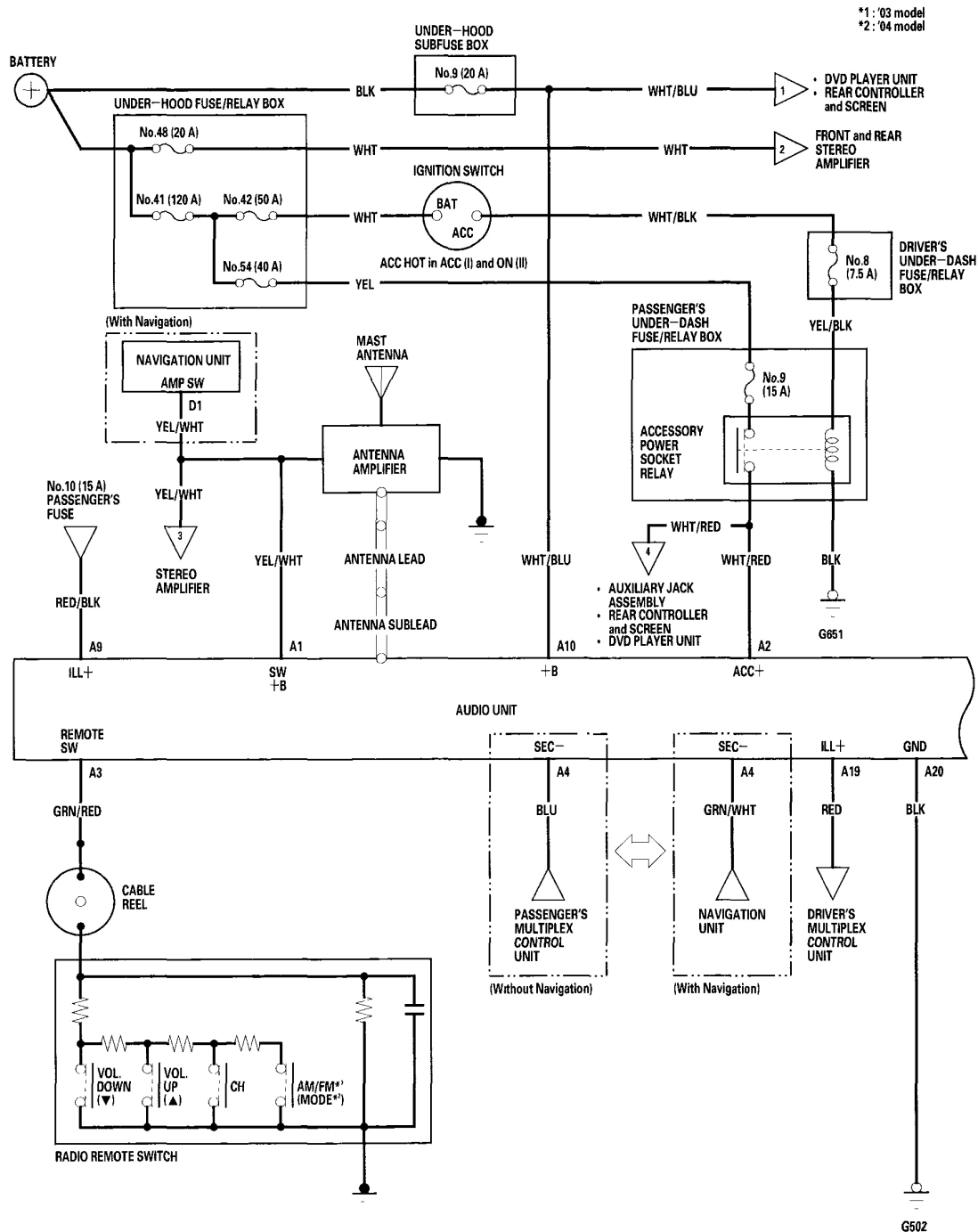
G03642481

Fig. 24: Circuit Diagram - Without Rear Entertainment System ('05-06 Models - 3 Of 3)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

'03-04 MODELS WITH REAR ENTERTAINMENT SYSTEM

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

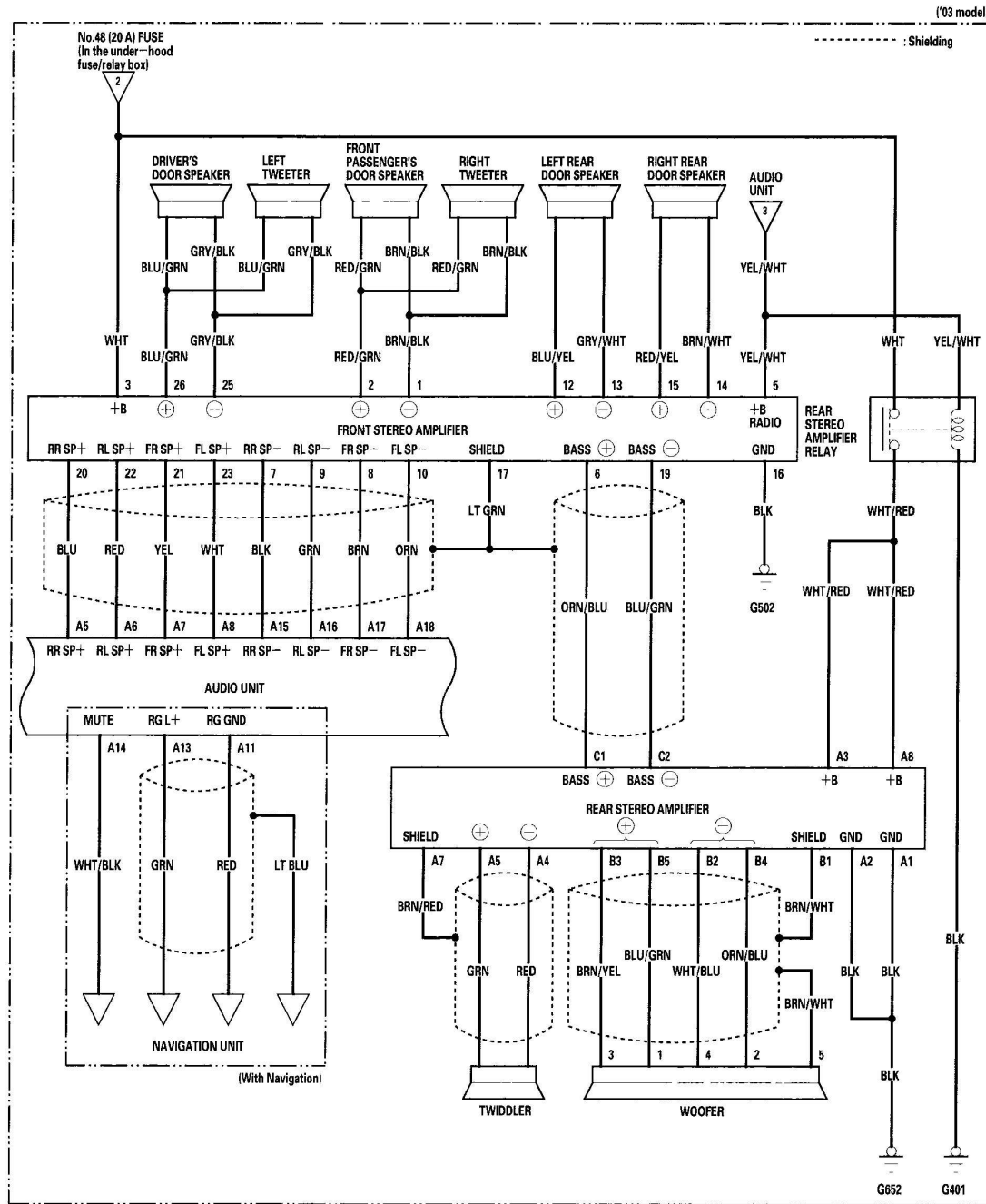


G03642482

Fig. 25: Circuit Diagram - With Rear Entertainment System ('03-04 Models - 1 Of 6)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

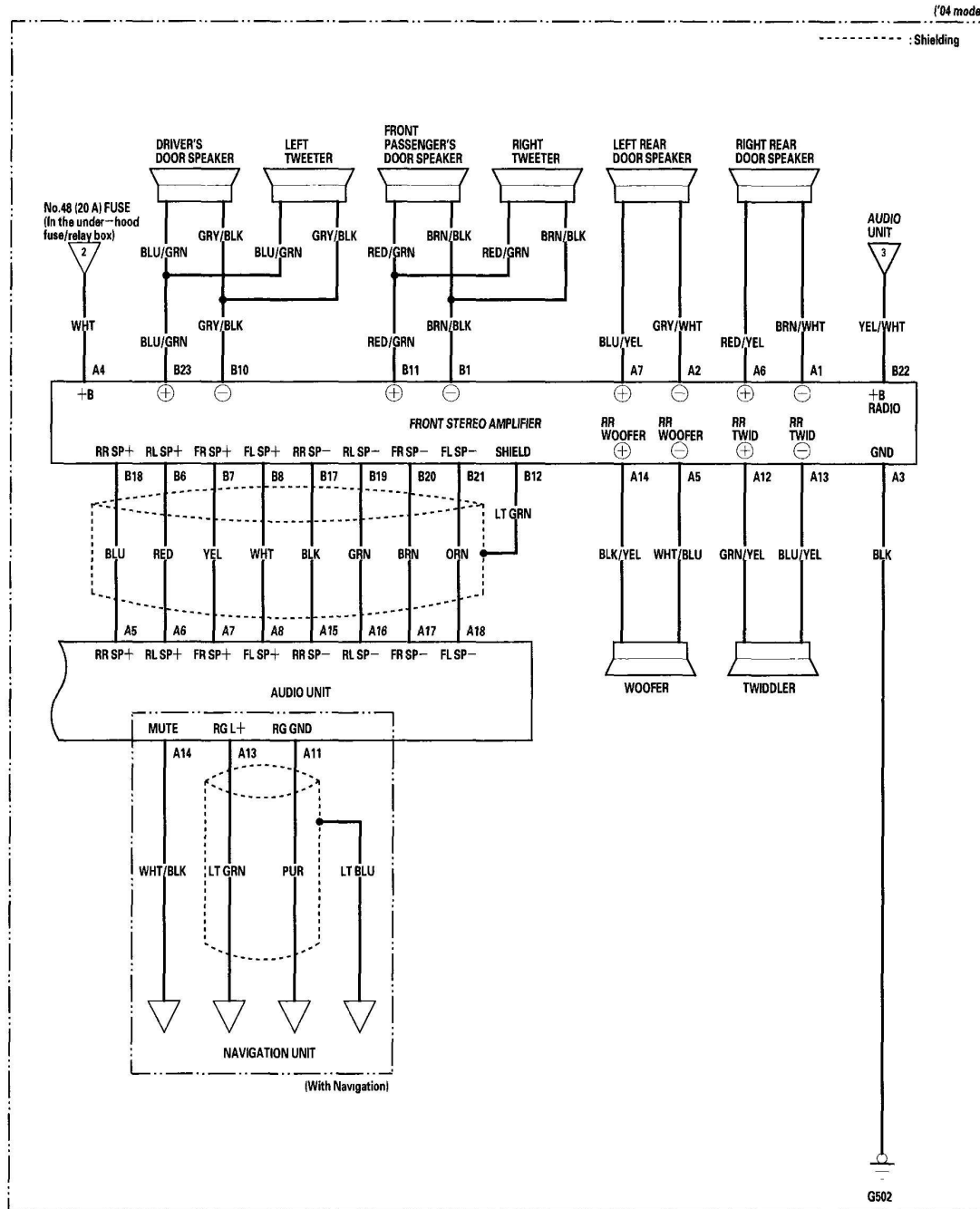


G03642483

Fig. 26: Circuit Diagram - With Rear Entertainment System ('03-04 Models - 2 Of 6)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

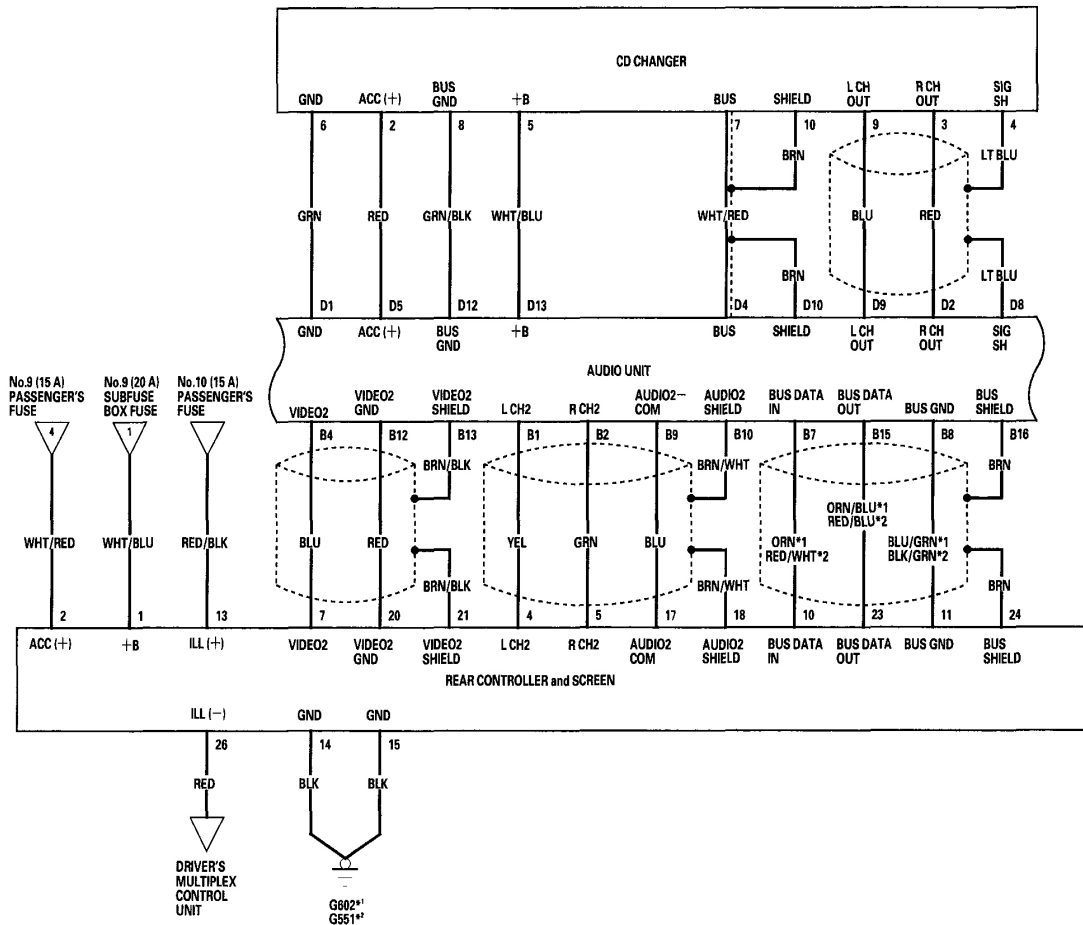


G03642484

Fig. 27: Circuit Diagram - With Rear Entertainment System ('03-04 Models - 3 Of 6)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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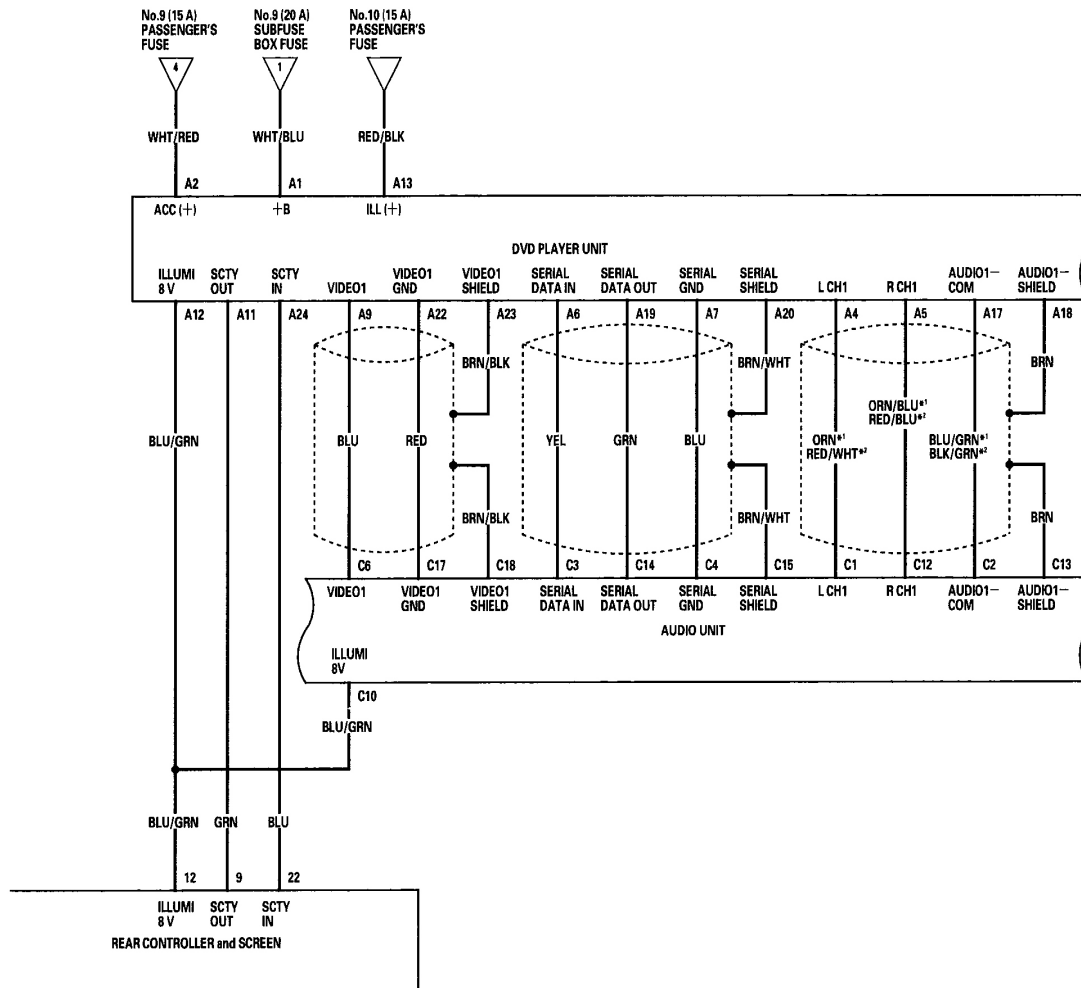
G03642485

Fig. 28: Circuit Diagram - With Rear Entertainment System ('03-04 Models - 4 Of 6)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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*1: '03 model
*2: '04 model
-----: Shielding



G03642486

Fig. 29: Circuit Diagram - With Rear Entertainment System ('03-04 Models - 5 Of 6)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

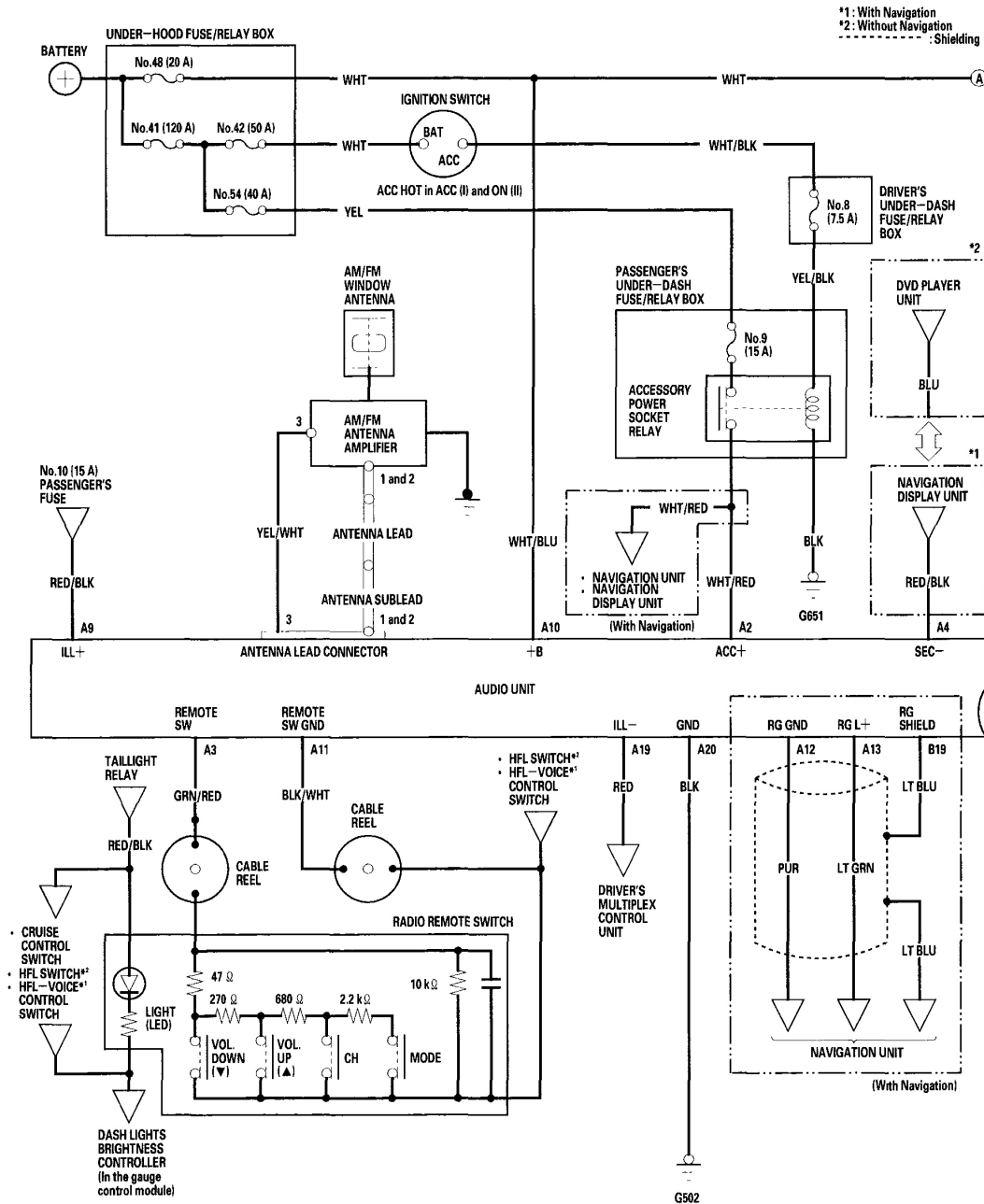
G03642487

'05-'06 MODELS WITH REAR ENTERTAINMENT SYSTEM

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

'05-06 models with Rear Entertainment System

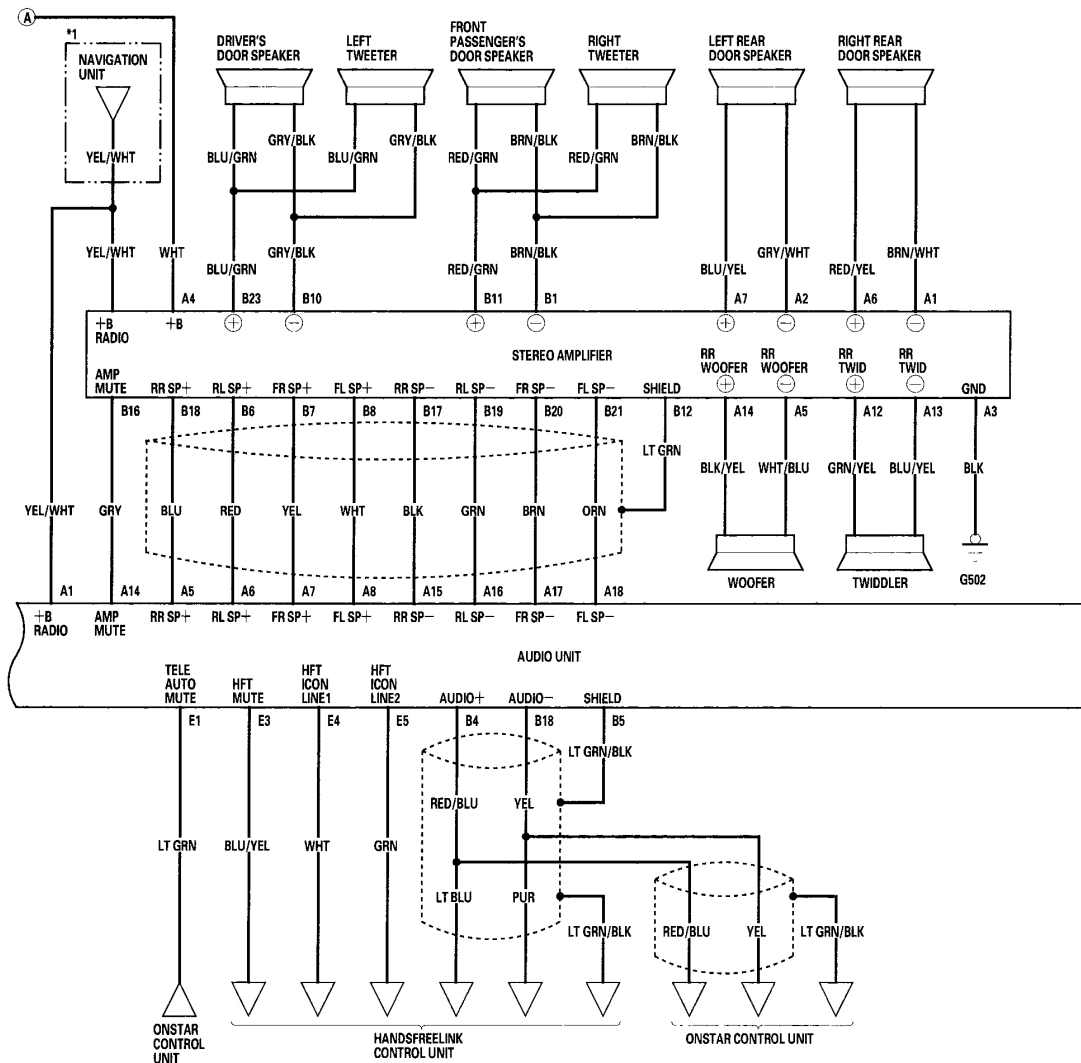


G03642488

Fig. 31: Circuit Diagram - With Rear Entertainment System ('05-06 Models - 1 Of 4)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX



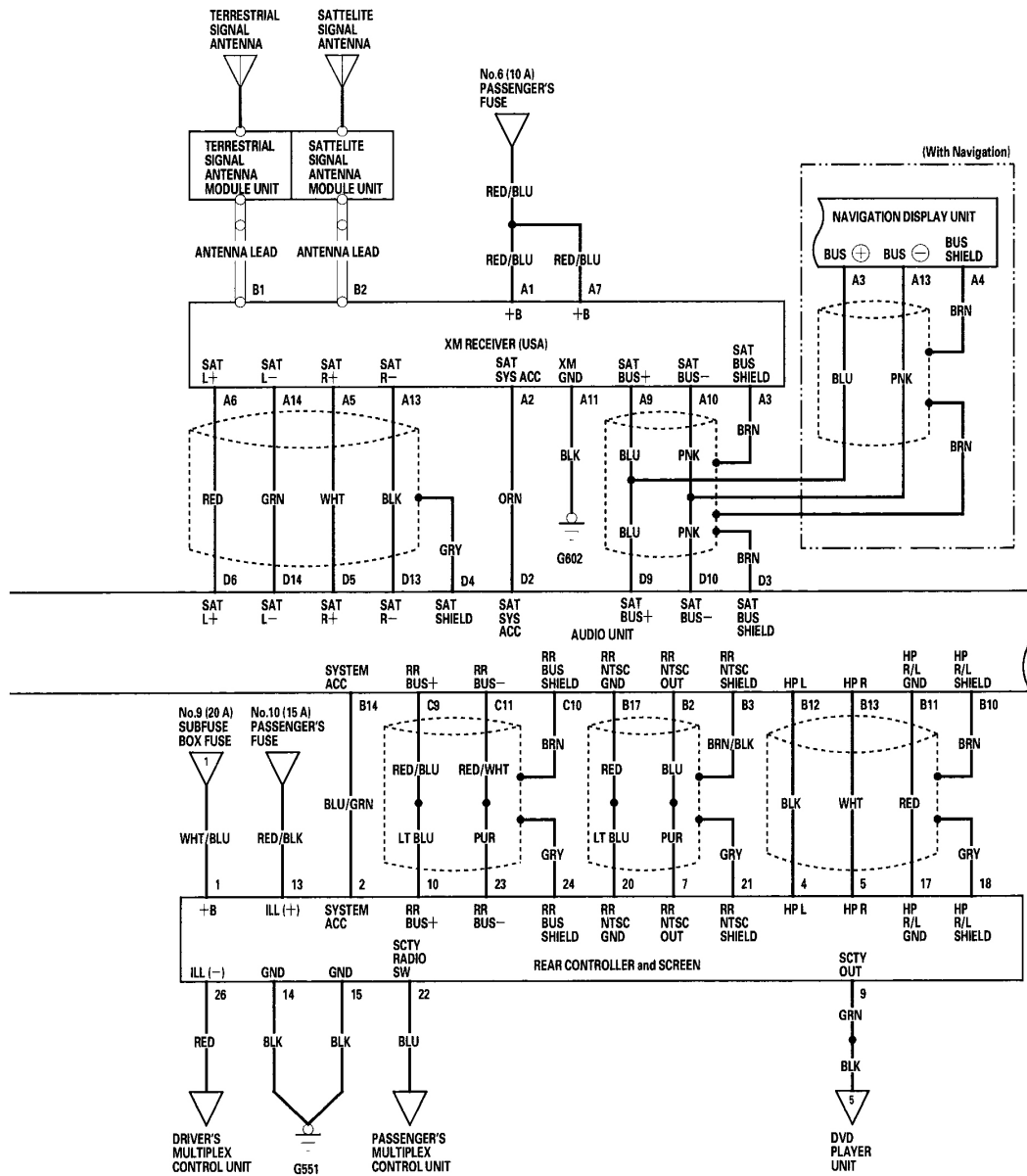
G03642489

Fig. 32: Circuit Diagram - With Rear Entertainment System ('05-06 Models - 2 Of 4)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

*1: With Navigation
 *2: Without Navigation
 ---: Shielding



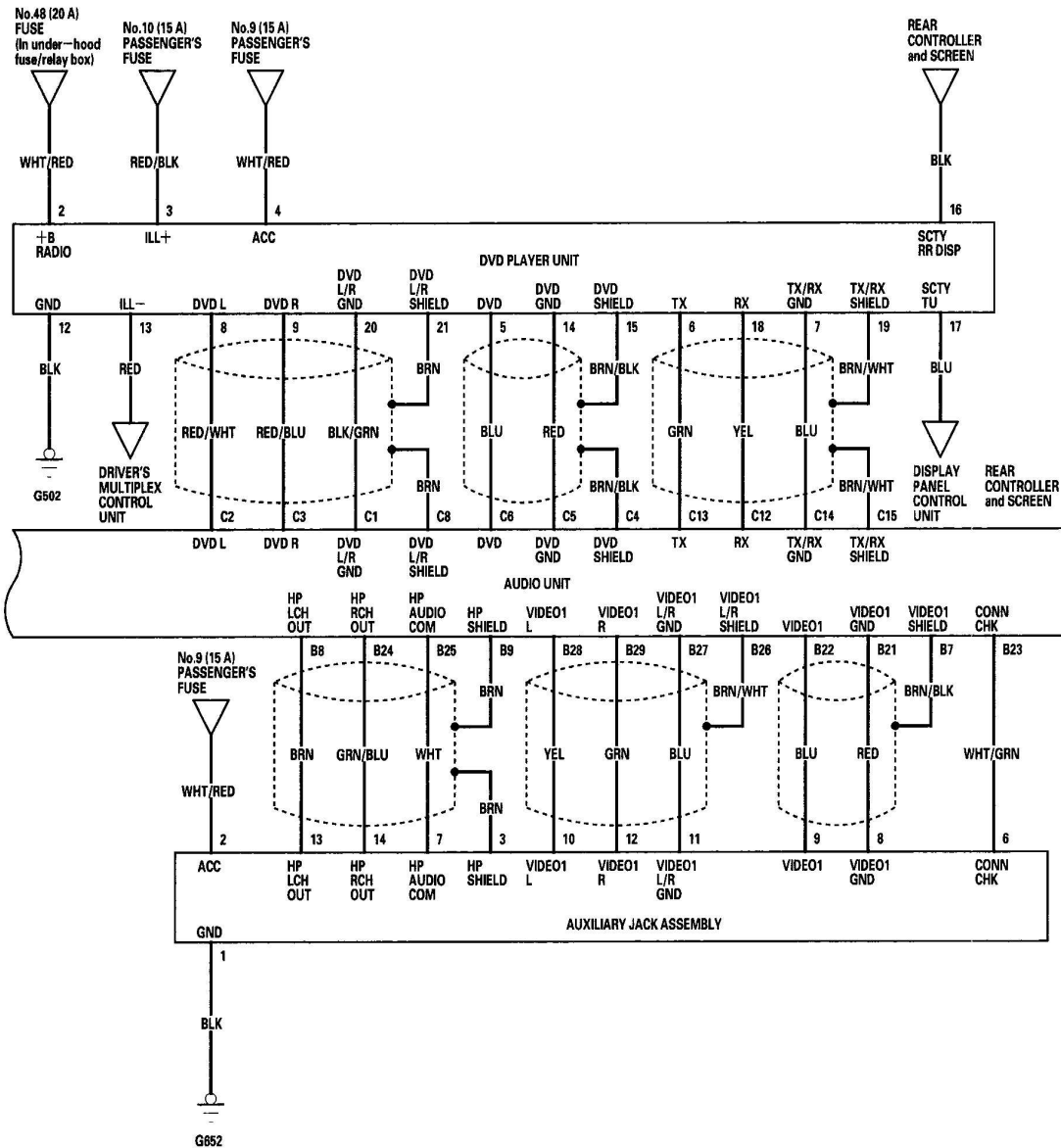
G03642490

Fig. 33: Circuit Diagram - With Rear Entertainment System ('05-06 Models - 3 Of 4)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

----- : Shielding



G03642491

Fig. 34: Circuit Diagram - With Rear Entertainment System ('05-06 Models - 4 Of 4)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

SYMPTOM TROUBLESHOOTING INDEX

SYMPTOM TROUBLESHOOTING INDEX

Symptom	Diagnostic procedure	Also check for

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Poor AM/FM radio reception or interference	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	<ul style="list-style-type: none"> • AM/FM antenna lead short or open in the wire • Antenna amplifier • AM/FM window antenna open
Power switch will not turn ON (No information display and no sound)	Symptom Troubleshooting (see <u>POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND)</u>)	
Power will not turn OFF	Symptom Troubleshooting (see <u>POWER WILL NOT TURN OFF</u>)	
Radio preset memory is lost	Symptom Troubleshooting (see <u>RADIO PRESET MEMORY IS LOST</u>)	<ul style="list-style-type: none"> • Battery condition • Battery cable condition
XM radio preset memory is lost	Symptom Troubleshooting (see <u>XM RADIO PRESET MEMORY IS LOST</u>)	
Audio system sound is weak or distorted, or no sound is heard from speakers (display is normal)	Symptom Troubleshooting (see <u>AUDIO SYSTEM SOUND IS WEAK OR DISTORTED, OR NO SOUND IS HEARD FROM SPEAKERS (DISPLAY IS NORMAL)</u>)	
Poor or no sound with XM radio	Symptom Troubleshooting (see <u>POOR OR NO SOUND WITH XM RADIO</u>)	
Audio unit button illumination does not work	Symptom Troubleshooting (see <u>AUDIO UNIT BUTTON ILLUMINATION DOES NOT WORK</u>)	
Radio remote switch does not work properly	Symptom Troubleshooting (see <u>RADIO REMOTE SWITCH DOES NOT WORK PROPERLY</u>)	
Audio disc does not load	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT LOAD</u>)	
Audio disc does not play	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT PLAY</u>)	
Audio disc skips	Symptom Troubleshooting (see <u>AUDIO DISC SKIPS</u>)	Tire pressure (over inflated)
Audio disc does not eject	Symptom Troubleshooting (see <u>AUDIO DISC DOES NOT EJECT</u>)	
Disc changer does not load all six discs	Symptom Troubleshooting (see <u>DISC CHANGER DOES NOT</u>)	

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

	<u>LOAD ALL SIX DISCS)</u>	
Disc changer does not move between discs	Symptom Troubleshooting (see <u>DISC CHANGER DOES NOT MOVE BETWEEN DISCS)</u>	
Volume does not change	Symptom Troubleshooting (see <u>VOLUME DOES NOT CHANGE)</u>	
Radio tuner does not change stations	Symptom Troubleshooting (see <u>RADIO TUNER DOES NOT CHANGE STATIONS)</u>	
XM radio display is blank and no station information is displayed	Symptom Troubleshooting (see <u>XM RADIO DISPLAY IS BLANK AND NO STATION INFORMATION IS DISPLAYED)</u>	<ul style="list-style-type: none">• Open or short in BUS wires• XM receiver
Radio displays error code: XM NO SIGNAL	Symptom Troubleshooting (see <u>RADIO DISPLAYS ERROR CODE: XM NO SIGNAL)</u>	
Radio displays error code: XM ANTENNA	Symptom Troubleshooting (see <u>RADIO DISPLAYS ERROR CODE: XM ANTENNA)</u>	

SYMPTOM TROUBLESHOOTING

POOR AM/FM RADIO RECEPTION OR INTERFERENCE

NOTE: Check the AM/FM radio reception in an open area. Poor reception/interference can be caused by the following:

- The radio station is too far away.
- A tall building, a mountain, or high-voltage power line is nearby.
- Aftermarket window tinting.

1. Check if each AM/FM radio station can be received normally. Compare the radio reception/interference to another vehicle of the same model and trim level in the exact same conditions.

Are they the same?

YES - Operation is normal.

NO - Go to step 2.

2. Check if the AM/FM radio reception/interference is the same in several locations.

Is the reception/interference the same?

YES - Go to step 3.

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

NO - Multipath interference or weak station. Operation is normal.

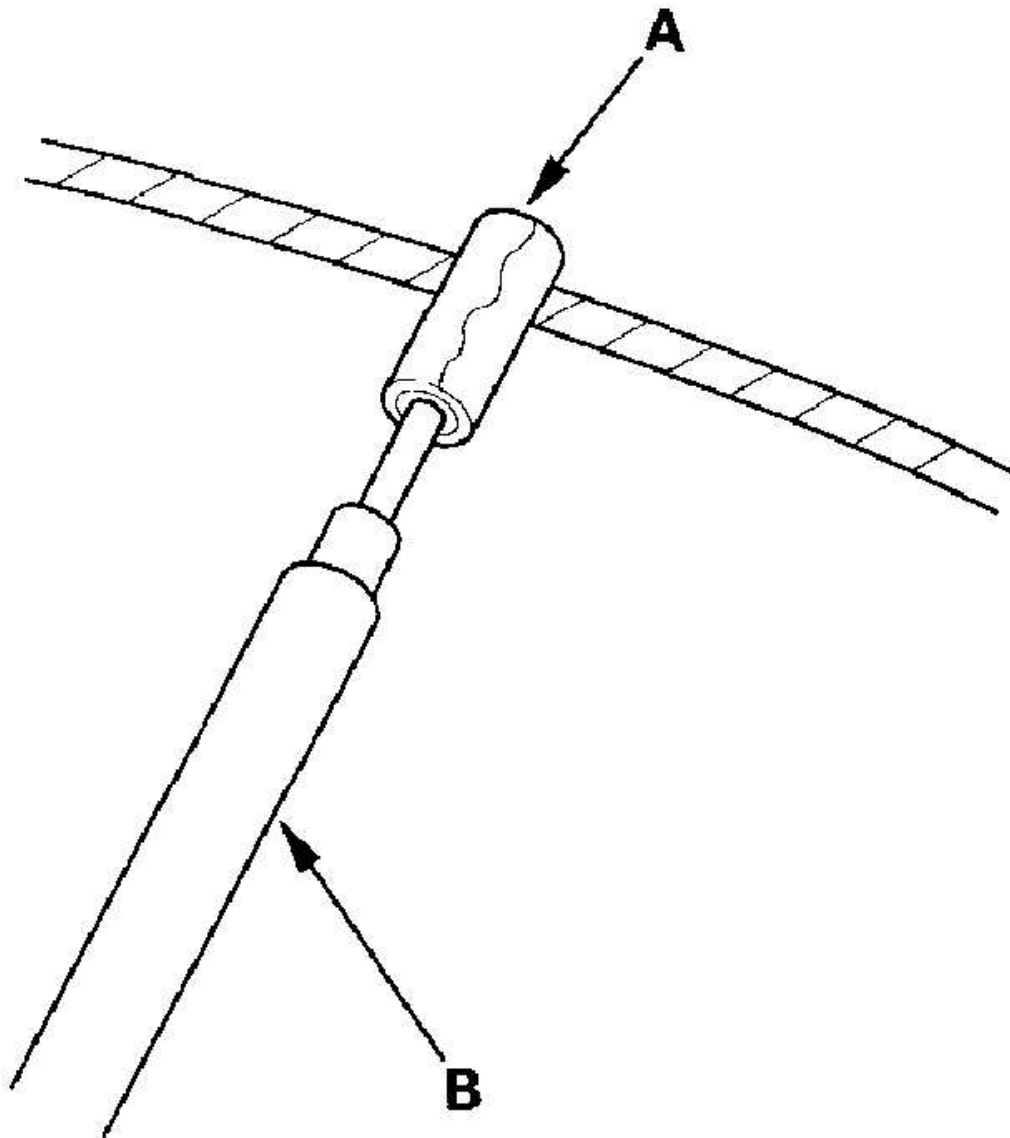
3. Check the reception/interference while the engine is running.

Is there noise (static or whine) only with the engine running?

YES - Check the antenna and radio grounds. If OK, check the charging system and the ignition system.

NO -

- With XM radio: go to step 4.
 - Without XM radio: go to step 15 .
4. Wrap aluminum foil (A) around the tip of a tester probe (B) as shown in **Fig. 35** .



G03642492

Fig. 35: Wrapping Aluminum Foil Around Tip Of A Tester Probe
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Touch one tester probe to the window antenna terminal (A) here, and move the other tester probe along the antenna wires to check that continuity exists. Repair it continuity does not exist.

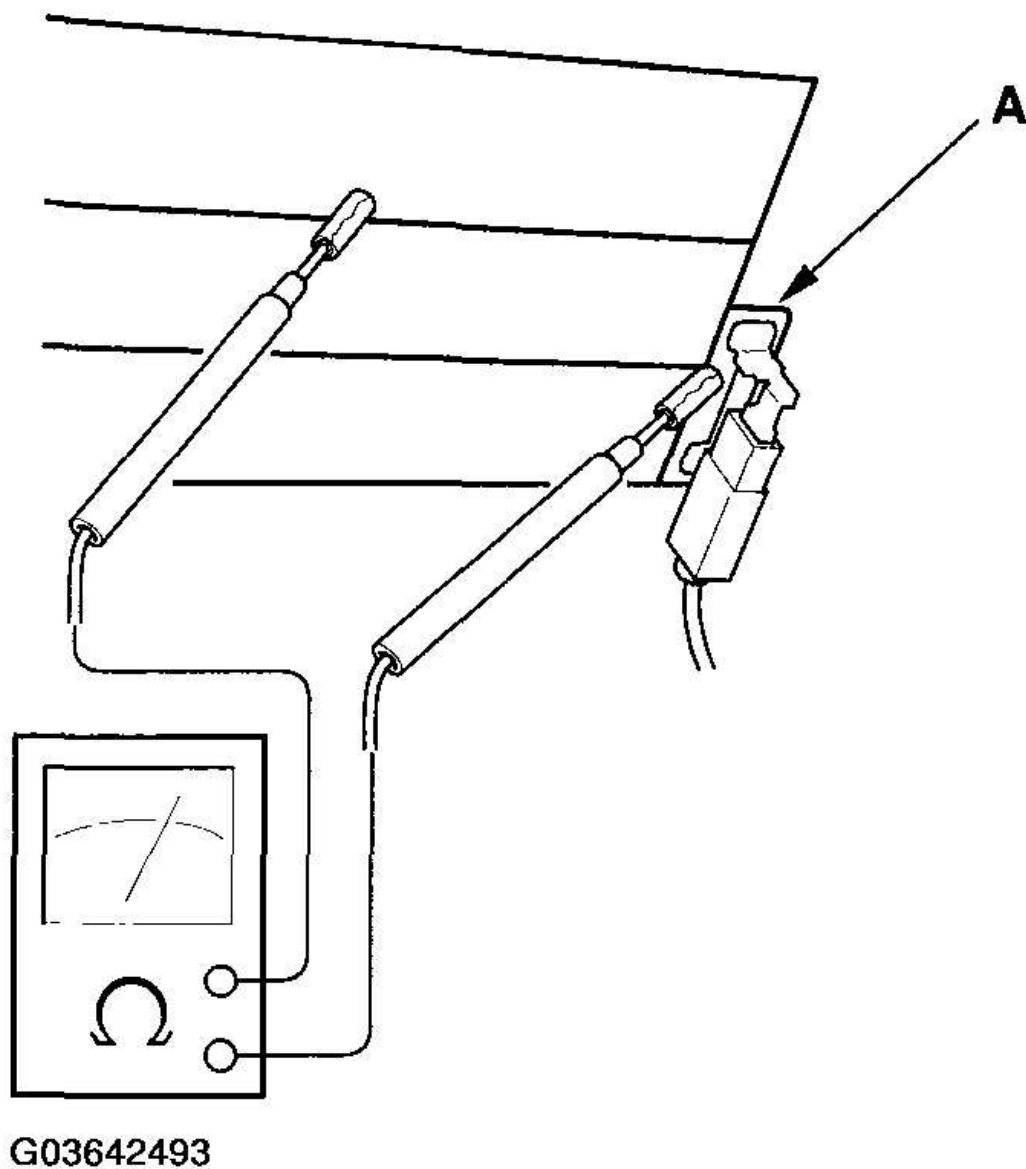


Fig. 36: Touching One Tester Probe To Window Antenna Terminal
Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**). Check that antenna lead is properly connected.

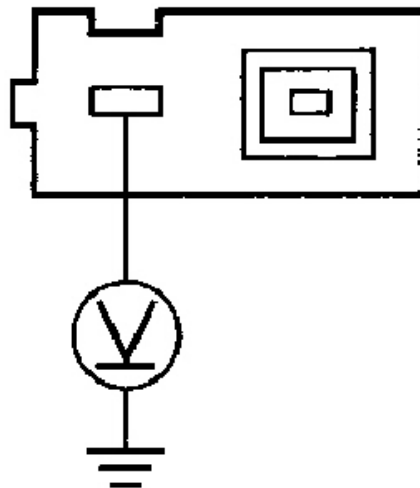
Is it connected properly?

YES - Go to step 7.

NO - Reconnect the connector, and recheck the function.

7. Disconnect the antenna amplifier connector from the antenna amplifier.
8. Measure voltage between the antenna amplifier connector No. 3 terminal and body ground.

ANTENNA AMPLIFIER CONNECTOR



Terminal side of female terminals

G03642494

Fig. 37: Measuring Voltage Between Antenna Amplifier Connector No. 3 Terminal And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

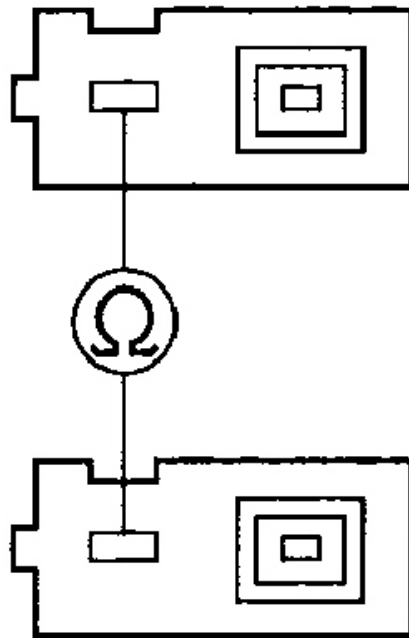
YES - Go to step 9.

NO - Faulty antenna lead.

9. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
10. Check for continuity between the audio unit antenna cable 3P connector No. 3 terminal and the antenna module 3P connector No. 3 terminal.

AUDIO UNIT 3P CONNECTOR

Terminal side of female terminals



ANTENNA MODULE 3P CONNECTOR

Terminal side of female terminals

G03642495

Fig. 38: Checking Continuity Between Audio Unit Antenna Cable 3P Connector 3 Terminal And Antenna Module 3P Connector 3 Terminal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

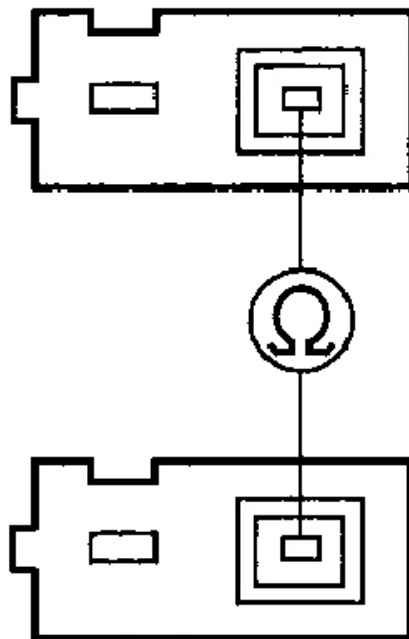
YES - Go to step 11.

NO - Repair the open in the wire between the audio unit and the antenna module.

11. Check for continuity between the audio unit antenna cable 3P connector No. 1 terminal and the antenna module 3P connector No. 1 terminal.

AUDIO UNIT 3P CONNECTOR

Terminal side of female terminals



ANTENNA MODULE 3P CONNECTOR

Terminal side of female terminals

G03642496

Fig. 39: Checking Continuity Between Audio Unit Antenna Cable 3P Connector 1 Terminal And Antenna Module 3P Connector 1 Terminal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

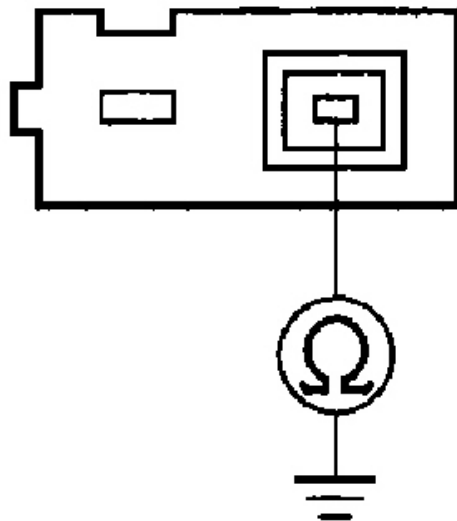
Is there continuity?

YES - Go to step 12.

NO - Replace the antenna lead.

12. Check for continuity between the audio unit antenna cable 3P connector No. 1 terminal and body ground.

AUDIO UNIT 3P CONNECTOR



Terminal side of female terminals

G03642497

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Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

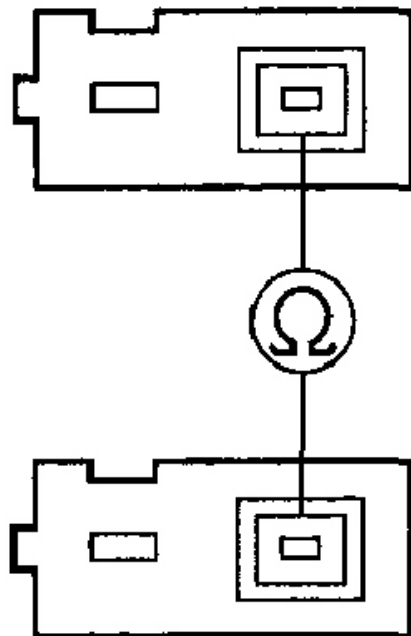
YES - Replace the antenna lead.

NO - Go to step 13.

13. Check for continuity between the audio unit antenna cable 3P connector No. 2 terminal and the antenna module 3P connector No. 2 terminal.

AUDIO UNIT 3P CONNECTOR

Terminal side of female terminals



ANTENNA MODULE 3P CONNECTOR

Terminal side of female terminals

G03642498

Fig. 41: Checking Continuity Between Audio Unit Antenna Cable 3P Connector 2 Terminal And Antenna Module 3P Connector 2 Terminal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

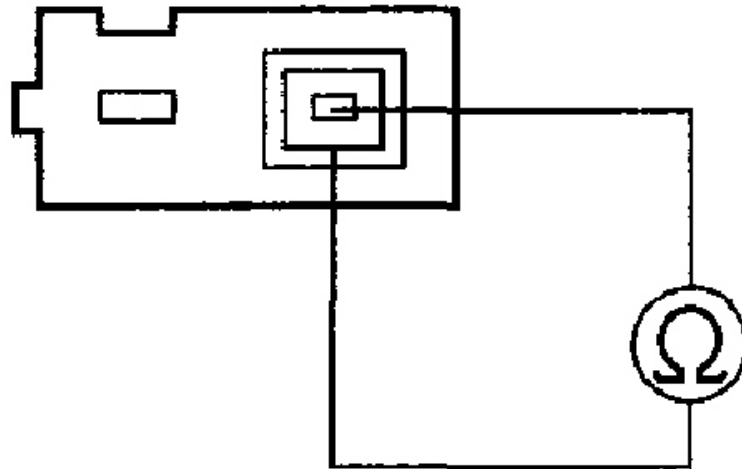
Is there continuity?

YES - Replace the antenna lead.

NO - Go to step 14.

14. Check for continuity between the audio unit antenna cable 3P connector No. 1 and No. 2 terminals.

AUDIO UNIT 3P CONNECTOR



Terminal side of female terminals

G03642499

Fig. 42: Checking Continuity Between Audio Unit Antenna Cable 3P Connector 1 And 2 Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

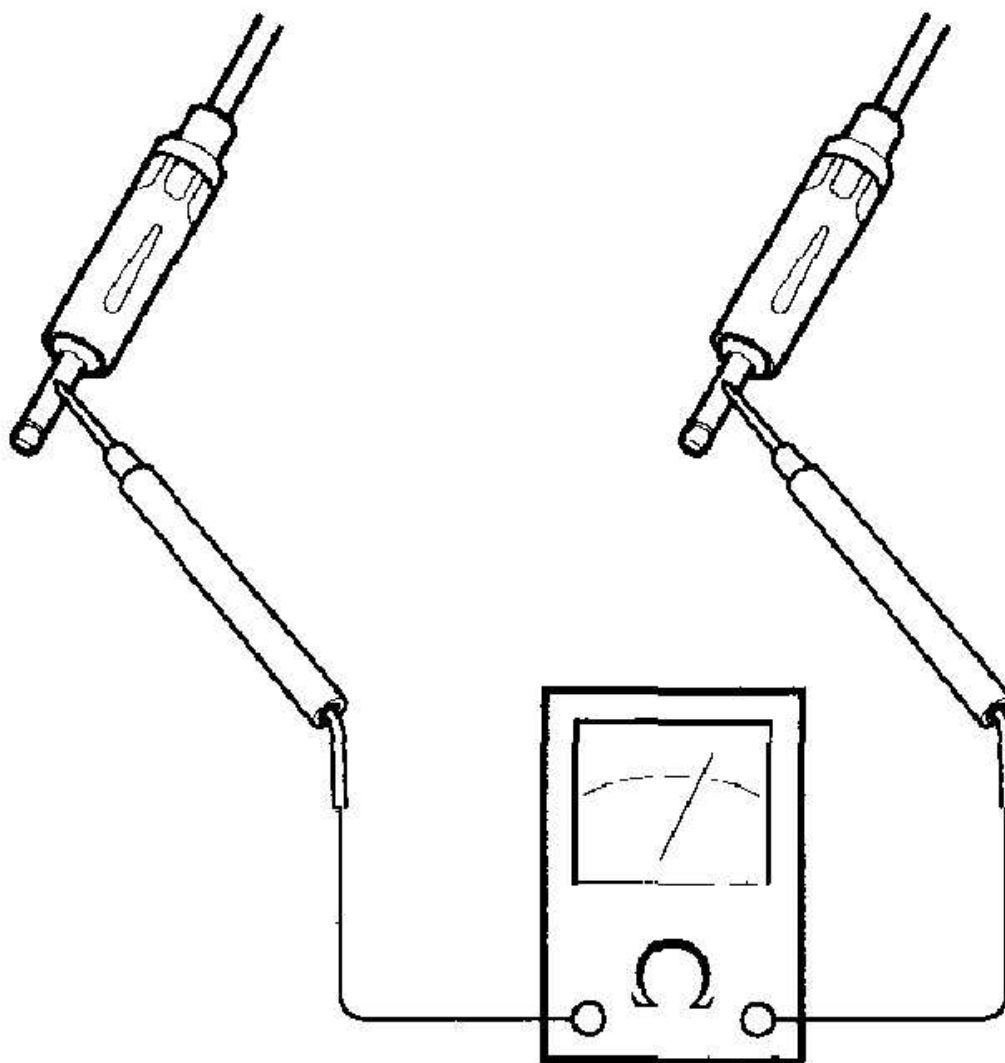
Is there continuity?

YES - Replace the antenna lead.

NO - Replace the antenna module, and recheck. If the reception is still poor, replace the audio unit.

15. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
16. Disconnect the antenna leads from the audio unit and mast antenna.

17. Check for continuity between the antenna lead center pin at the audio unit lead and the antenna lead center pin at the antenna module unit lead.



G03642500

Fig. 43: Checking Continuity Between Antenna Lead Center Pin At Audio Unit Lead And At Antenna Module Unit Lead

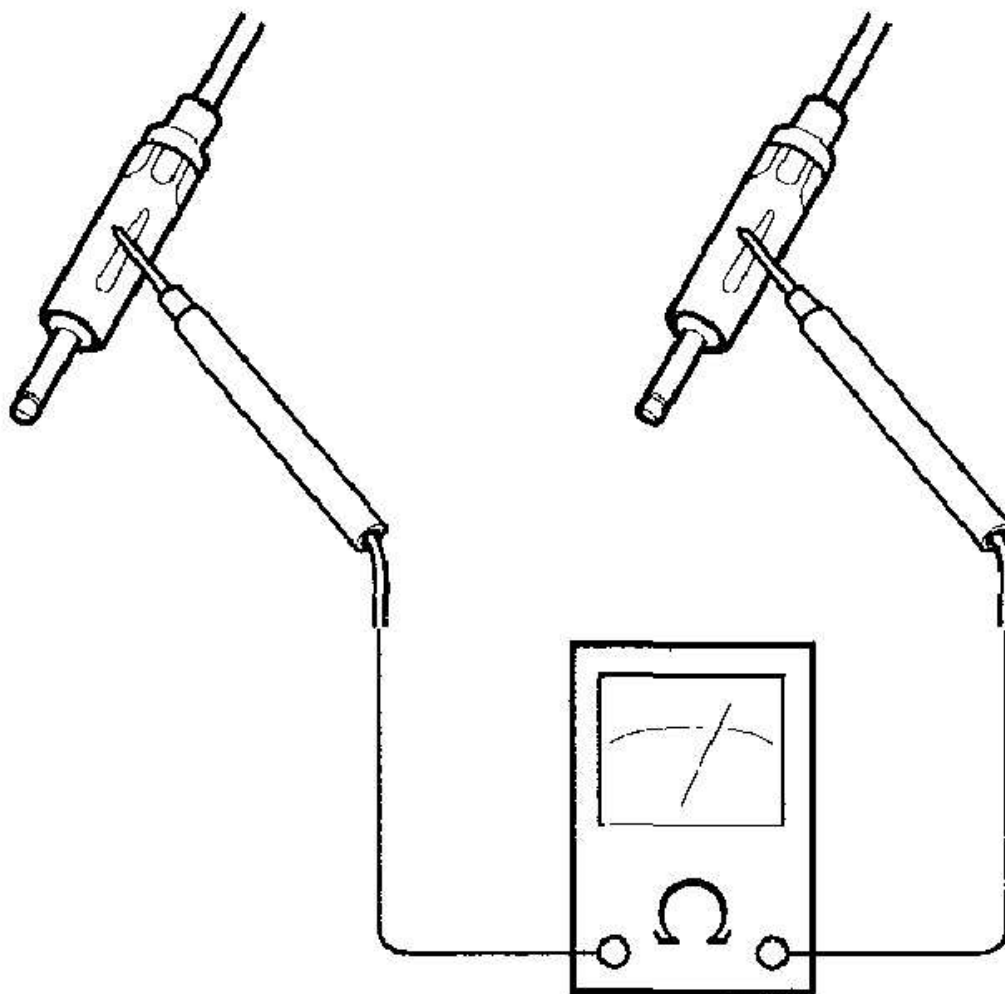
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES - Go to step 18.

NO - Replace the antenna lead.

18. Check for continuity between the shield surface of the audio unit lead and the shield surface of the antenna module unit lead.



G03642501

Fig. 44: Checking Continuity Between Shield Surface Of Audio Unit Lead And Antenna Module Unit Lead

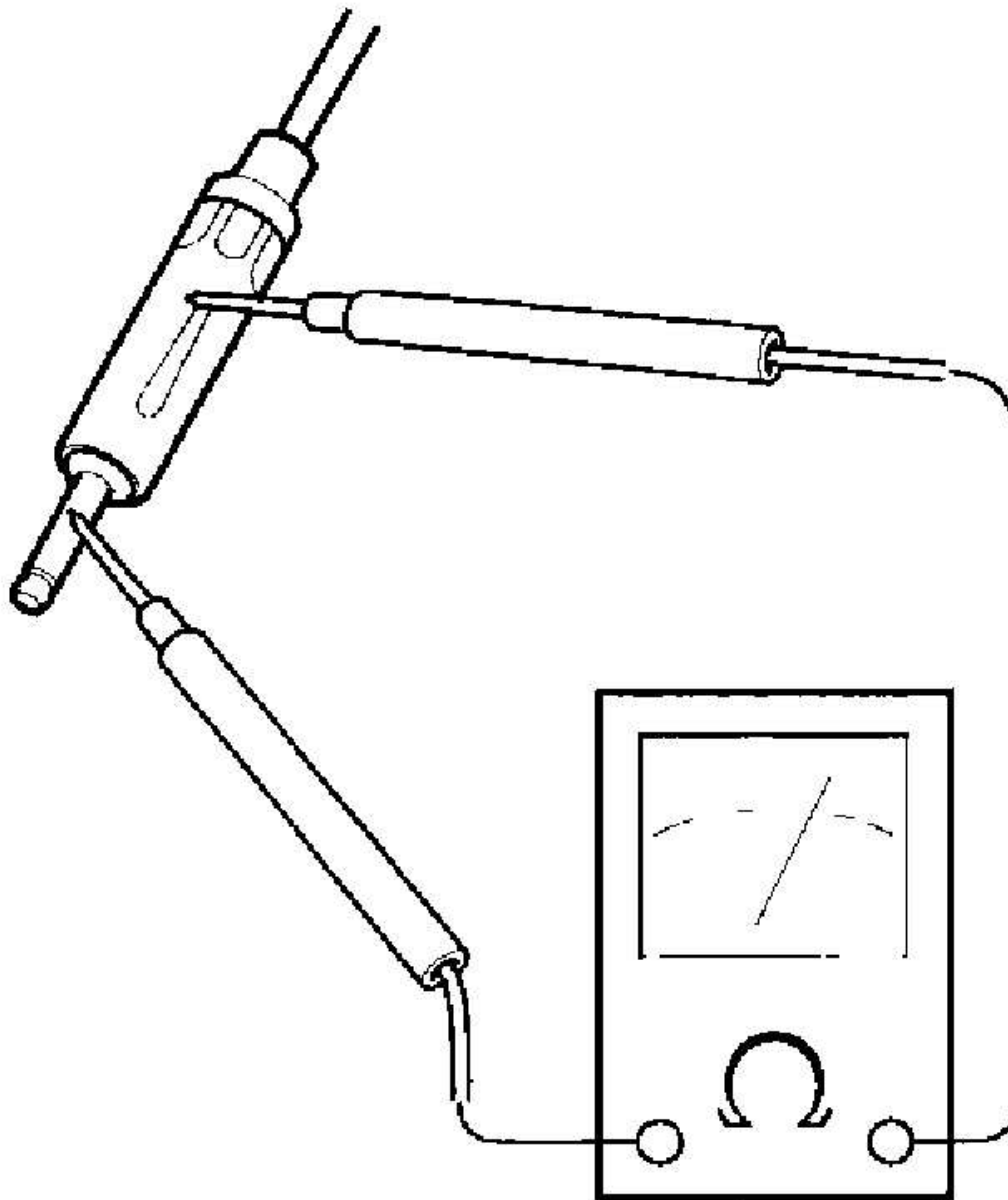
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES - Go to step 19.

NO - Replace the antenna lead.

19. Check for continuity between the antenna lead center pin and the surface of the antenna lead.



G03642502

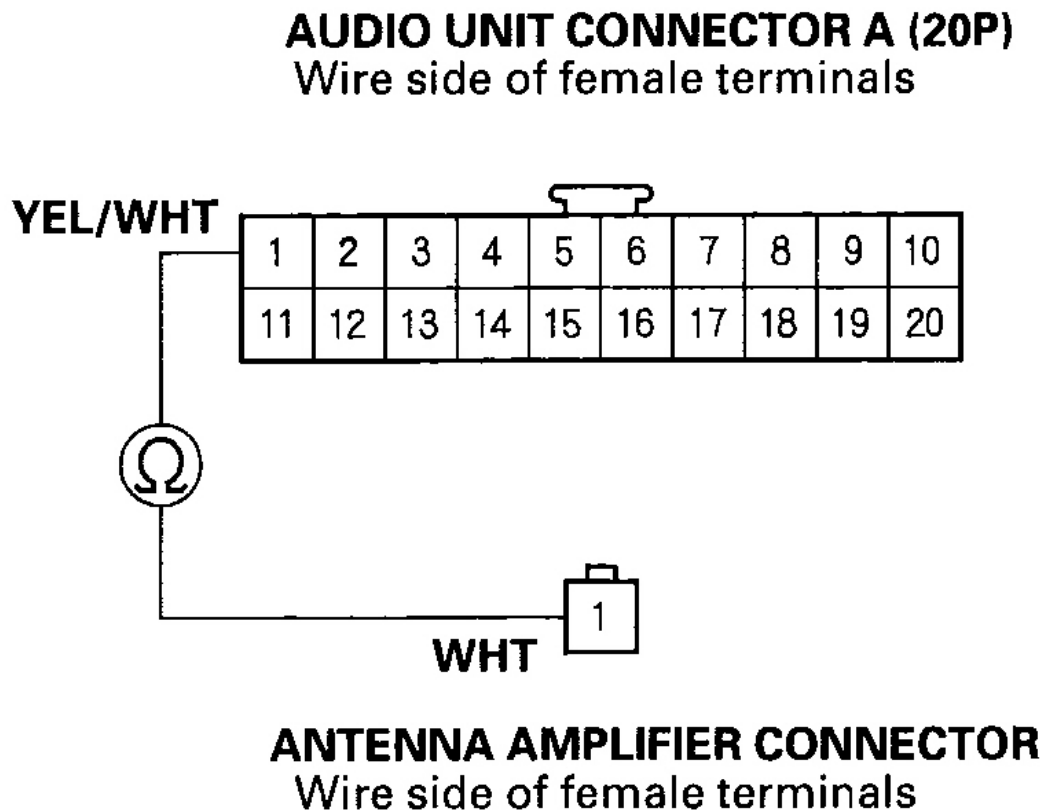
Fig. 45: Checking Continuity Between Antenna Lead Center Pin And Surface Of Antenna Lead
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

YES - Replace the antenna lead.

NO - Go to step 20.

20. Disconnect the audio unit connector A (20P).
21. Check for continuity between audio unit connector A (20P) terminal No. 1 and antenna amplifier connector No. 1 terminal.



G03642503

Fig. 46: Checking Continuity Between Audio Unit Connector A (20P) Terminal 1 And Antenna Amplifier Connector 1 Terminal
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?

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YES - Substitute a known-good audio unit and retest.

NO - Repair the open in the wire between the audio unit and the antenna module.

POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND)

1. With the ignition switch ON (II), push the power switch ON to see if the audio unit turns ON.

Does the power turn on?

YES - Operation is normal. If the display turns on, but no sound is heard or if the display does not turn on, but the display is OK, go to the symptom troubleshooting.

NO - Go to step 2.

2. Turn the ignition switch OFF, then check the No. 48 (20 A) fuse in the under-hood fuse/relay box and No. 9 (15 A) fuse in the driver's under-dash fuse/ relay box.

Are the fuses OK?

YES - Go to step 3.

NO - Replace the fuse(s) and recheck.

3. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**). Check that audio unit connector A (20P) is properly connected.

Is it connected properly

YES - Go to step 4.

NO - Reconnect the connector, and recheck the function.

4. Measure voltage between audio unit connector (20P) No. 10 terminal and body ground.

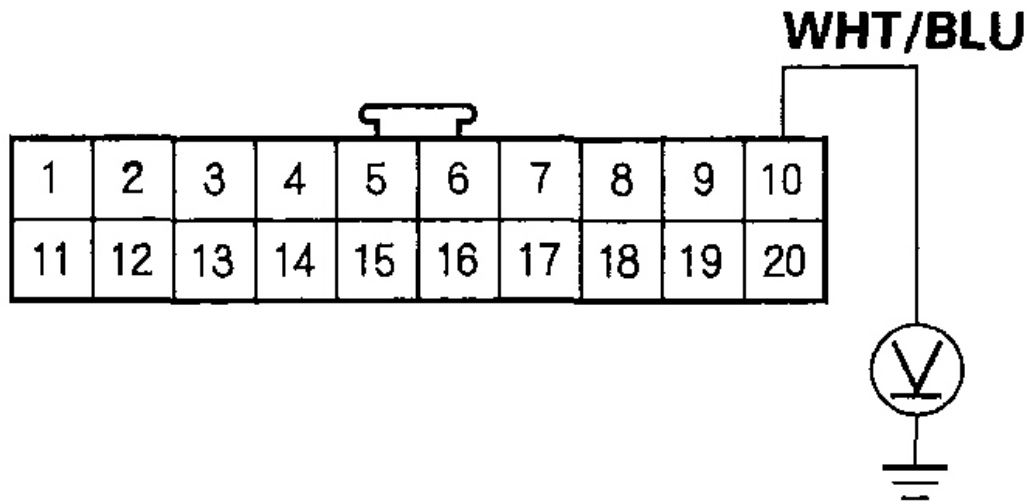
AUDIO UNIT CONNECTOR A (20P)**Wire side of female terminals****G03642504**

Fig. 47: Measuring Voltage Between Audio Unit Connector (20P) Terminal 10 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES - Go to step 5.

NO - Repair the open circuit or poor connection in wire between the under-hood fuse/relay box and audio unit connector (20P) No. 10 terminal.

5. Turn the ignition switch ON (II).
6. Measure voltage between the audio unit connector (20P) No. 2 terminal and body ground.

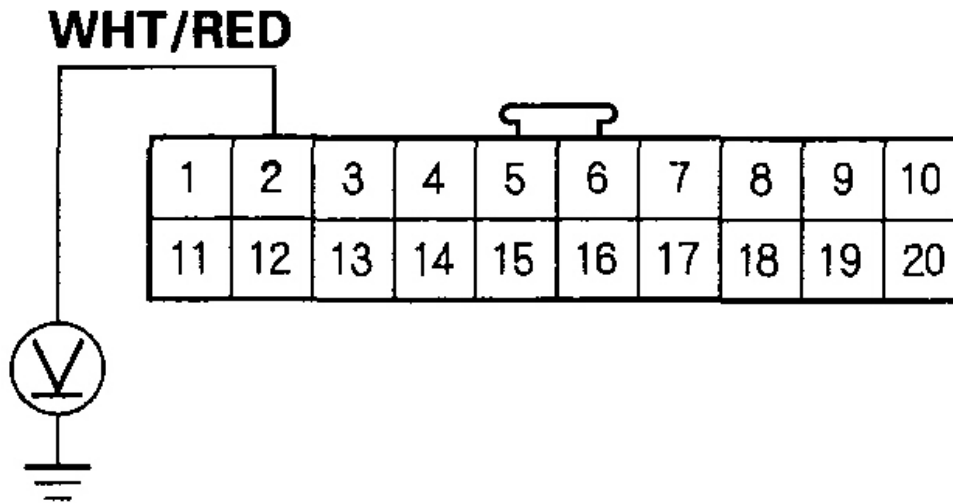
AUDIO UNIT CONNECTOR A (20P)**Wire side of female terminals****G03642505**

Fig. 48: Measuring Voltage Between Audio Unit Connector (20P) Terminal 2 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

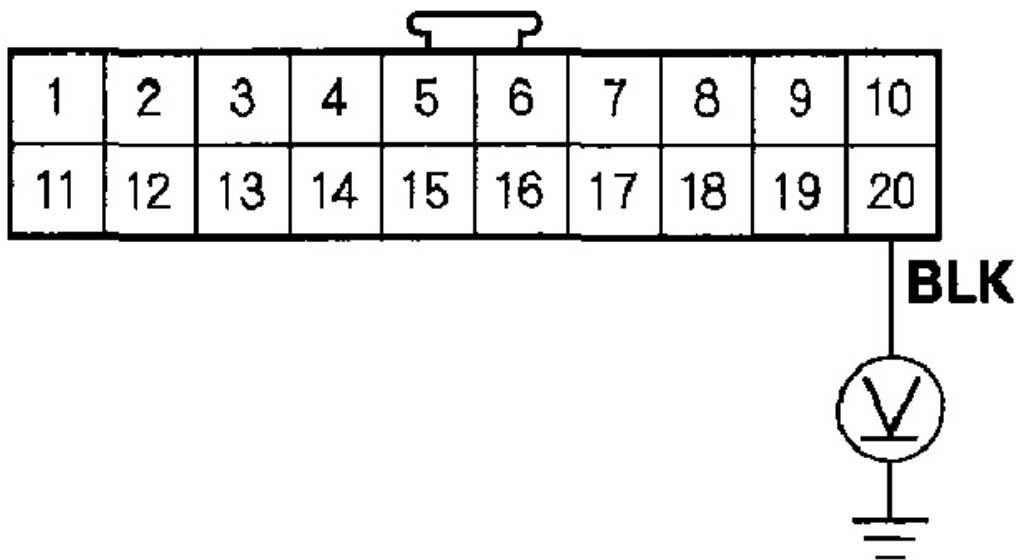
Is there battery voltage?

YES - Go to step 7.

NO - Repair the open circuit or poor connection in the wire between the passenger's under-dash fuse/ relay box and audio unit.

7. Turn the ignition switch OFF, then check for voltage between audio unit connector (20P) No. 20 terminal and body ground.

AUDIO UNIT CONNECTOR A (20P)



Wire side of female terminals

G03642506

Fig. 49: Checking Voltage Between Audio Unit Connector (20P) Terminal 20 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES - Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO - Repair an open in the wire or poor ground.

POWER WILL NOT TURN OFF

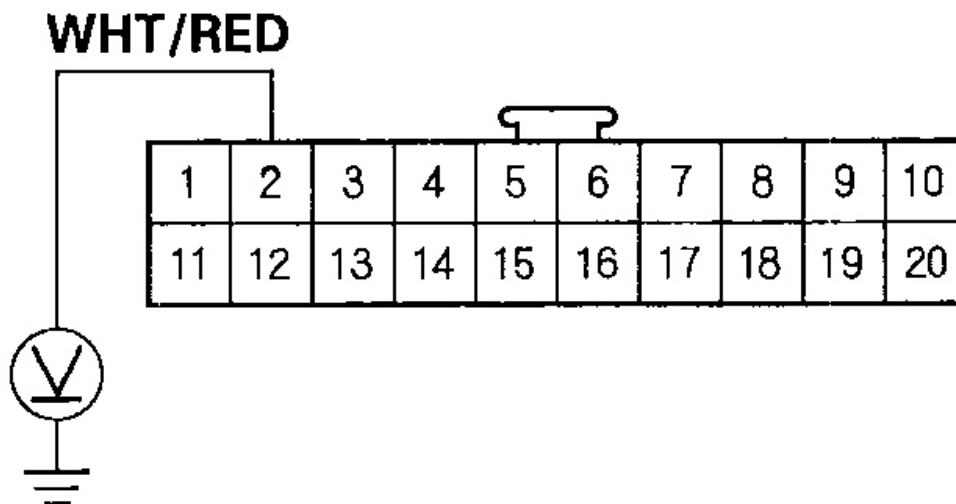
1. With the ignition switch ON (II), push the power switch OFF or turn the ignition switch OFF to see if the audio unit turns OFF.

Is the audio unit OFF?

YES - Operation is normal.

NO - Go to step 2.

2. Turn the ignition switch OFF.
3. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**), then disconnect the audio unit connector A (20P).
4. Measure voltage between the audio unit connector (20P) No. 2 terminal and body ground.

AUDIO UNIT CONNECTOR A (20P)

Wire side of female terminals

G03642507

Fig. 50: Measuring Voltage Between Audio Unit Connector (20P) Terminal 2 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES - Repair a short to power in the wire.

NO - Replace the audio unit.

RADIO PRESET MEMORY IS LOST

NOTE: If only XM stations are lost, go to XM radio preset memory is lost (see **[XM RADIO PRESET MEMORY IS LOST](#)**).

1. Set each of the radio station preset buttons.

Do each of the preset buttons set properly?

YES - Go to step 2.

NO - Replace the audio unit (see **[AUDIO UNIT REMOVAL/INSTALLATION](#)**).

2. Turn the ignition switch OFF for 1 minute, then turn it back to ON (II).
3. Test all the preset buttons for proper recall operation.

Do the preset buttons recall the set radio stations?

YES - System is normal at this time. Check connections at the audio unit.

NO - Replace the audio unit (see **[AUDIO UNIT REMOVAL/INSTALLATION](#)**).

XM RADIO PRESET MEMORY IS LOST

1. Set each of the XM radio channel preset buttons.

Do each of the XM radio channel preset buttons set properly?

YES - Go to step 2.

NO - Replace the audio unit (see **[AUDIO UNIT REMOVAL/INSTALLATION](#)**).

2. Turn the ignition switch OFF for 1 minute, then turn it back to ON (II).
3. Test all of the XM radio channel preset buttons for proper recall operation.

Do the preset buttons recall the set radio stations?

YES - System is normal at this time. Check connections at the audio unit.

NO - Go to step 4.

4. Turn the ignition switch OFF.
5. Remove the audio unit (see **[AUDIO UNIT REMOVAL/INSTALLATION](#)**).
6. Measure voltage between the audio unit connector (20P) No. 10 terminal and body ground.

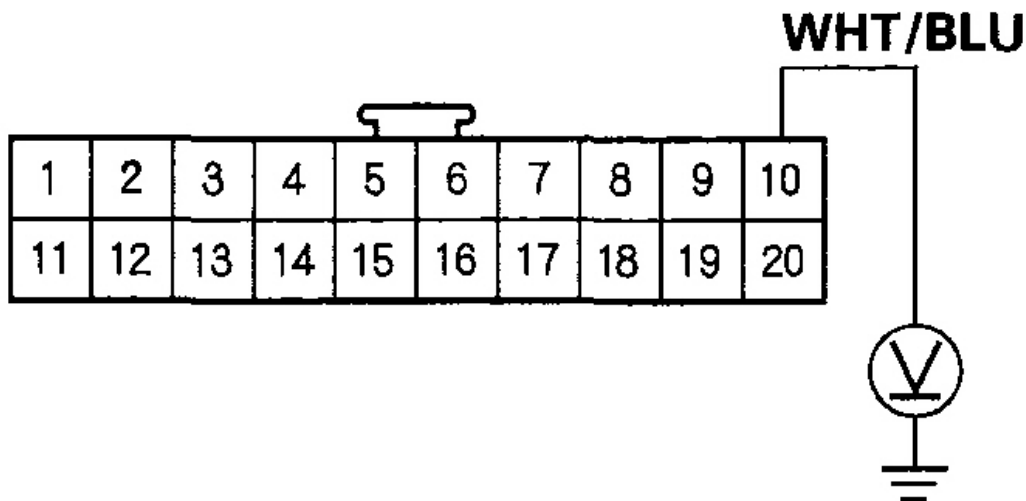
AUDIO UNIT CONNECTOR A (20P)**Wire side of female terminals****G03642508**

Fig. 51: Measuring Voltage Between Audio Unit Connector (20P) Terminal 10 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

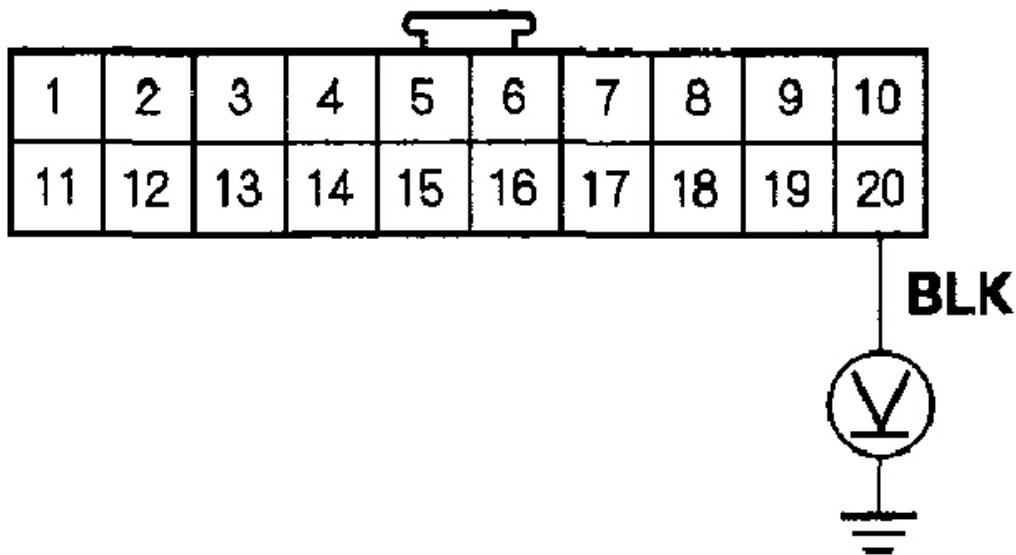
Is there battery voltage?

YES - Go to step 7.

NO - Repair an open wire between the under-hood fuse/relay box and audio unit connector A (20P) No. 10 terminal.

7. Check for voltage between the audio unit connector (20P) No. 20 terminal and body ground.

AUDIO UNIT CONNECTOR A (20P)



Wire side of female terminals

G03642509

Fig. 52: Checking Voltage Between Audio Unit Connector (20P) Terminal 20 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES - Replace the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).

NO - Repair an open in the wire between audio unit connector A (20P) No. 20 terminal and body ground (G502).

AUDIO SYSTEM SOUND IS WEAK OR DISTORTED, OR NO SOUND IS HEARD FROM SPEAKERS (DISPLAY IS NORMAL)

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NOTE:

- Set the fader and balance positions to the center.
- Before performing symptom troubleshooting, check for power switch will not turn ON troubleshooting (see **POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND)**).
- Cancel the navigation MUTE mode (if navigation applicable).

1. Check for sound in each mode (AM, FM, XM, and disc).

Is the sound OK in each mode?

YES - Intermittent failure. The system is OK at this time. Check for loose connections at the audio unit and amplifier.

NO - Go to step 2.

2. Check to see if there is a specific speaker that has no sound.

Do any or all of the speakers fail to sound?

YES - If at least one speaker is OK, go to step 3.

NO -

- If sound is only poor with XM radio, go to poor sound with XM radio (see **POOR OR NO SOUND WITH XM RADIO**).
 - If the sound is only poor with AM or FM, go to poor radio reception or interference (see **POOR AM/FM RADIO RECEPTION OR INTERFERENCE**).
3. Remove the speaker(s) that fail(s) to sound (see **SPEAKER REPLACEMENT**), and disconnect its connector.
 4. Measure the resistance between the speaker 2P connector terminals No. 1 and No. 2.

Is there resistance about 2-4 ohms?

YES -

- With BOSE sound system: Go to step 9 .
- Without BOSE sound system: Go to step 5.

NO - Faulty speaker(s).

5. Disconnect the audio unit connector A (20P).
6. Check for continuity between the audio unit connector A (20 A) terminals according to **AUDIO UNIT CONNECTOR A (20 A) TERMINALS** .

AUDIO UNIT CONNECTOR A (20 A) TERMINALS

Speaker	Terminal	Wire color
Driver's door speaker, Left tweeter	A8(+)	BLU/GRN
	A18(-)	GRY/BLK
	A7(+)	RED/GRN

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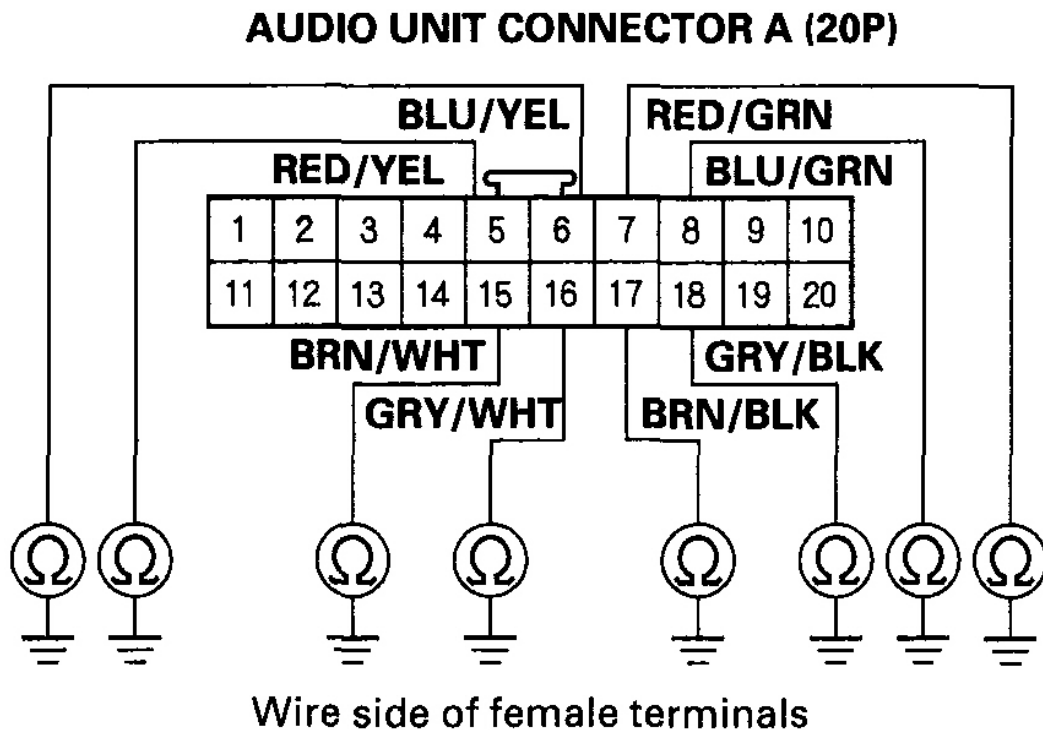
Front passenger's door speaker, Right tweeter	A17(-)	BRN/BLK
Left rear speaker	A6(+)	BLU/YEL
	A16(-)	GRY/WHT
Right rear speaker	A5(+)	RED/YEL
	A15(-)	BRN/WHT

Is there continuity?

YES - Go to step 7.

NO - Repair an open in the wire between the audio unit and speaker.

7. Disconnect the 2P connector(s) to the speaker(s).
8. Check for continuity between body ground and audio unit connector A (20P) terminals No. 5, 6, 7, 8, 15, 16, 17 and 18 individually.



G03642510

Fig. 53: Checking Continuity Between Body Ground And Audio Unit Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

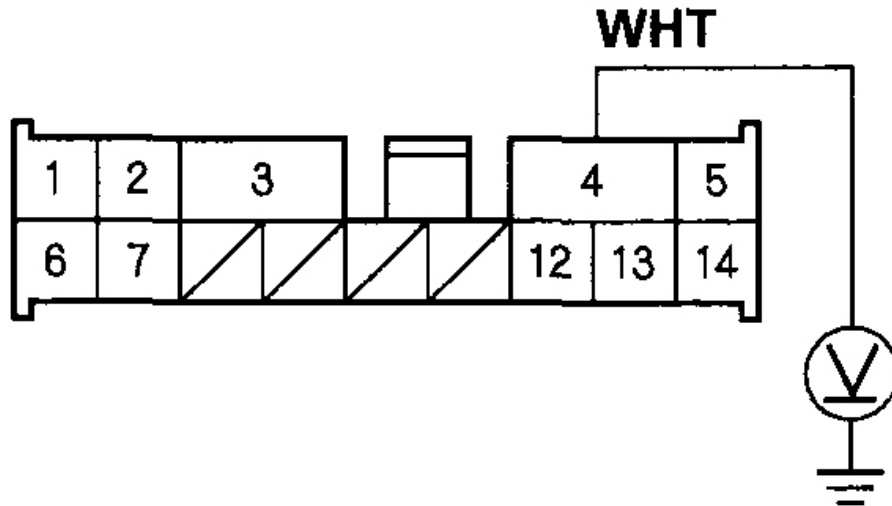
Is there continuity?

YES - Repair a short in the wire.

NO - Substitute a known-good audio unit and recheck. If the symptom/indication goes away, replace the original audio unit.

9. Disconnect the stereo amplifier connector A (14P) and B (23P).
10. Measure voltage between stereo amplifier connector A (14P) No. 4 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (14P)



Wire side of female terminals

G03642511

Fig. 54: Measuring Voltage Between Stereo Amplifier Connector A (14P) Terminal 4 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

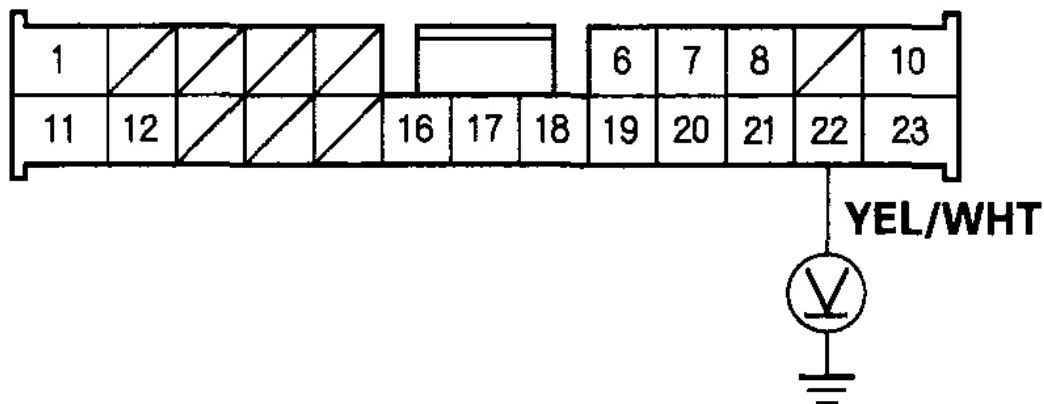
Is there battery voltage?

YES - Go to step 11.

NO - Repair an open in the wire.

11. Turn the ignition switch ON (II).
12. Measure voltage between stereo amplifier connector B (23P) No. 22 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (20P)



Wire side of female terminals

G03642512

Fig. 55: Measuring Voltage Between Stereo Amplifier Connector B (23P) Terminal 22 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

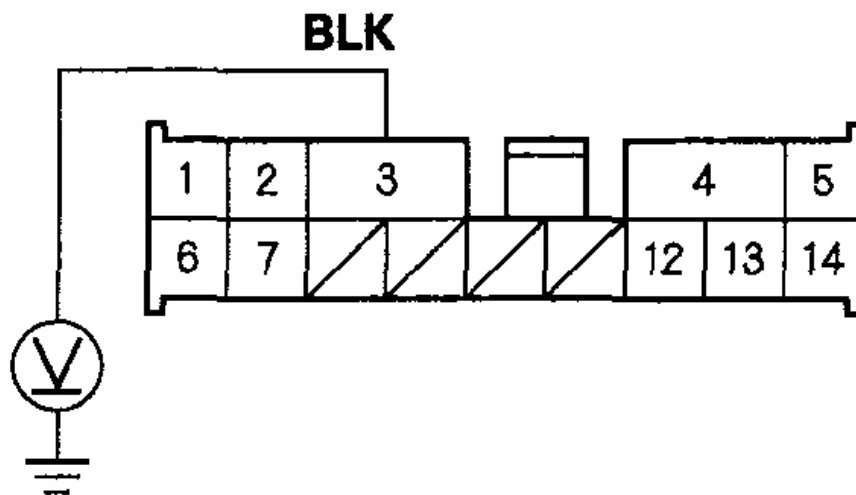
Is there battery voltage?

YES - Go to step 13.

NO - Repair an open in the wire.

13. Check for voltage between the stereo amplifier connector A (14P) No. 3 terminal and body ground.

STEREO AMPLIFIER CONNECTOR A (14P)



Wire side of female terminals

G03642513

Fig. 56: Checking Voltage Between Stereo Amplifier Connector A (14P) Terminal 3 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES - Go to step 14.

NO - Repair an open in the wire between the stereo amplifier connector A (14P) No. 3 terminal and body ground (G502).

14. Check for continuity between the stereo amplifier connector A (14P) and B (23P) terminals and body ground according to **STEREO AMPLIFIER CONNECTOR A (14P) AND B (23P) TERMINALS AND BODY GROUND**.

STEREO AMPLIFIER CONNECTOR A (14P) AND B (23P) TERMINALS AND BODY GROUND

Speaker	Terminal	Wire color

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Driver's door speaker, Left tweeter	B23	BLU/GRN
	B10	GRY/BLK
Front passenger's door speaker, Right tweeter	B11	RED/GRN
	B1	BRN/BLK
Left rear speaker	A7	BLU/YEL
	A2	GRY/WHT
Right rear speaker	A6	RED/YEL
	A1	BLU/YEL
Woofer	A14	BLK/YEL
	A5	WHT/BLU
REAR TWEETER	A12	GRN/YEL
	A13	BLU/YEL

Is there continuity?

YES - Repair short in the wire.

NO - Go to step 15.

15. Reconnect the connector to the speaker.
16. Disconnect the audio unit connector A (20P).
17. Check for continuity between the stereo amplifier connector B (23P) and body ground according to **STEREO AMPLIFIER CONNECTOR B (23P) AND BODY GROUND** .

STEREO AMPLIFIER CONNECTOR B (23P) AND BODY GROUND

Amplifier connector	Wire color
B6	RED
B7	YEL
B8	WHT
B17	BLK
B18	BLU
B19	GRN
B20	BRN
B21	ORN

Is there continuity?

YES - Repair a short in the wire.

NO - Go to step 18.

18. Check for continuity between the audio unit connector A and stereo amplifier connector B according to **AUDIO UNIT CONNECTOR A AND STEREO AMPLIFIER CONNECTOR B** .

AUDIO UNIT CONNECTOR A AND STEREO AMPLIFIER CONNECTOR B

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Audio unit connector	Amplifier connector	Wire color
A5	B18	BLU
A6	B6	RED
A7	B7	YEL
A8	B8	WHT
A15	B17	BLK
A16	B19	BLU
A17	B20	GRN
A18	B21	BRN

Is there continuity?

YES - Substitute a known-good audio unit and recheck. If the symptom/indication goes away, replace the original audio unit. If symptom is still present, substitute a known-good stereo amplifier and recheck. If the symptom/indication goes away, replace the original stereo amplifier.

NO - Repair an open in the wire.

POOR OR NO SOUND WITH XM RADIO

1. Turn the ignition switch OFF.
2. Disconnect the audio unit connector D (14P) and XM receiver connector A (14P).
3. Check for continuity between the XM receiver connector A (14P) and body ground according to **XM RECEIVER CONNECTOR A (14P) AND BODY GROUND** .

XM RECEIVER CONNECTOR A (14P) AND BODY GROUND

XM receiver terminal	Wire color
A6	RED
A14	GRN
A5	WHT
A13	BLK
A2	ORN

Is there continuity?

YES - Repair a short in the wire between the audio unit and the XM receiver.

NO - Go to step 4.

4. Check for continuity between the XM receiver connector A (14P) and the audio unit connector D (14P) according to **XM RECEIVER CONNECTOR A (14P) AND THE AUDIO UNIT CONNECTOR D (14P)** .

XM RECEIVER CONNECTOR A (14P) AND THE AUDIO UNIT CONNECTOR D (14P)

XM receiver terminal	Audio unit terminal	Wire color

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A6	D6	RED
A14	D14	GRN
A5	D5	WHT
A13	D13	BLK
A2	D2	ORN

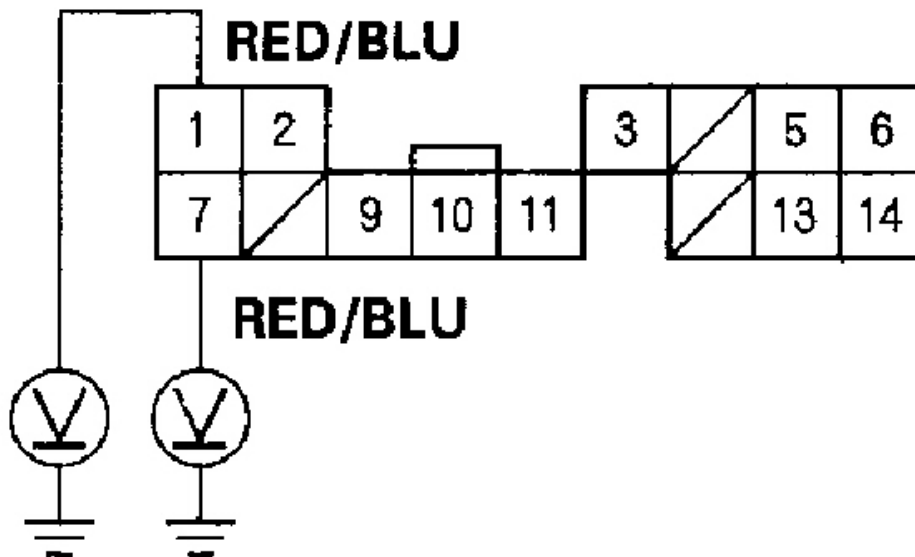
Is there continuity?

YES - Go to step 5.

NO - Repair an open in the wire between the audio unit and the XM receiver.

5. Turn the ignition switch to the ACC (I).
6. Check for voltage between XM receiver connector A (14P) terminals No. 1 and No. 7 and body ground, individually.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

G03642514

Fig. 57: Checking Voltage Between XM Receiver Connector A (14P) Terminals 1 & 7 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

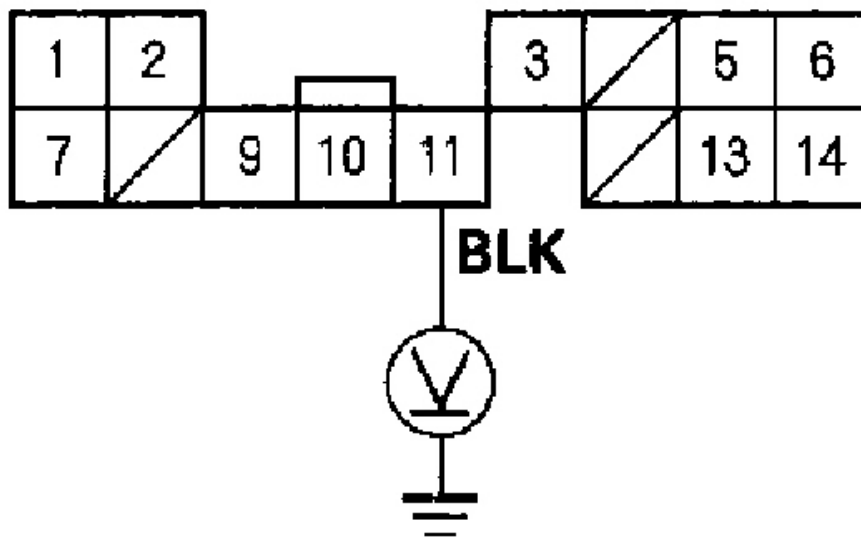
Is there battery voltage?

YES - Go to step 7.

NO - Repair an open in the wire between No. 6 (10 A) in the passenger's under-dash fuse/relay box and the XM receiver.

7. Check for voltage between XM receiver connector A (14P) terminal No. 11 and body ground.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

G03642515

Fig. 58: Checking Voltage Between XM Receiver Connector A (14P) Terminal 11 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there less than 0.1 V?

YES - Go to step 8.

NO - Repair an open in the wire between the XM receiver and G602. If the wire is OK, repair G602.

8. Substitute a known-good XM receiver, then reconnect all connectors and test the XM radio.

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Is the sound normal?

YES - Replace the XM receiver.

NO - Replace the audio unit.

AUDIO UNIT BUTTON ILLUMINATION DOES NOT WORK

1. Turn the ignition switch to ON (II).
2. Turn the combination light switch ON (PARKING position).
3. Check the illumination of the audio unit buttons.

Are the buttons illuminated?

YES - Intermittent problem: the audio unit is OK at this time. Check for loose or poor connections at audio unit connector A (20P).

NO - Go to step 4.

4. Check the illumination of several other buttons not related to the audio system.

Are the buttons illuminated?

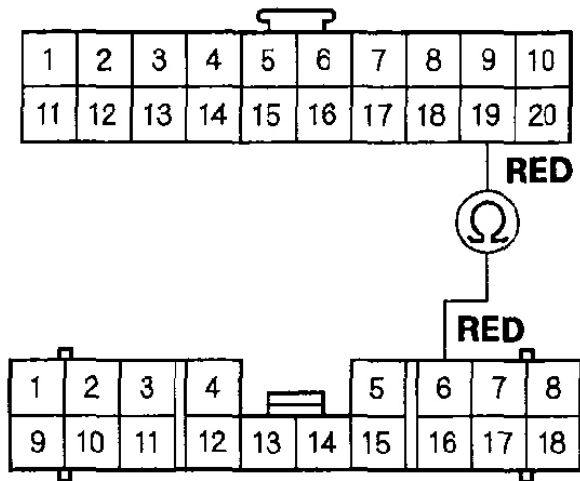
YES - Go to step 5.

NO - Troubleshoot the interior lights. Start by checking the No. 10 (15 A) fuse in the passenger's under-dash fuse/relay box. If the fuse is OK, check for open in the wire between the passenger's under-dash fuse/relay box and the audio unit.

5. Turn the ignition switch OFF.
6. Disconnect audio unit connector A (20P).
7. Disconnect driver's under-dash fuse/relay box connector J (18P).
8. Check for continuity between audio unit connector A (20P) No. 19 terminal and driver's under-dash fuse/relay box connector J (18P) No. 6 terminal.

AUDIO UNIT CONNECTOR A (20P)

Wire side of female terminals



DRIVER'S UNDER-DASH FUSE/RELAY BOX CONNECTOR J (30P)

Wire side of female terminals

G03642516

Fig. 59: Checking Continuity Between Audio Unit Connector A (20P) Terminal 19 And Driver's Under-Dash Fuse/Relay Box Connector J (18P) Terminal 6
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

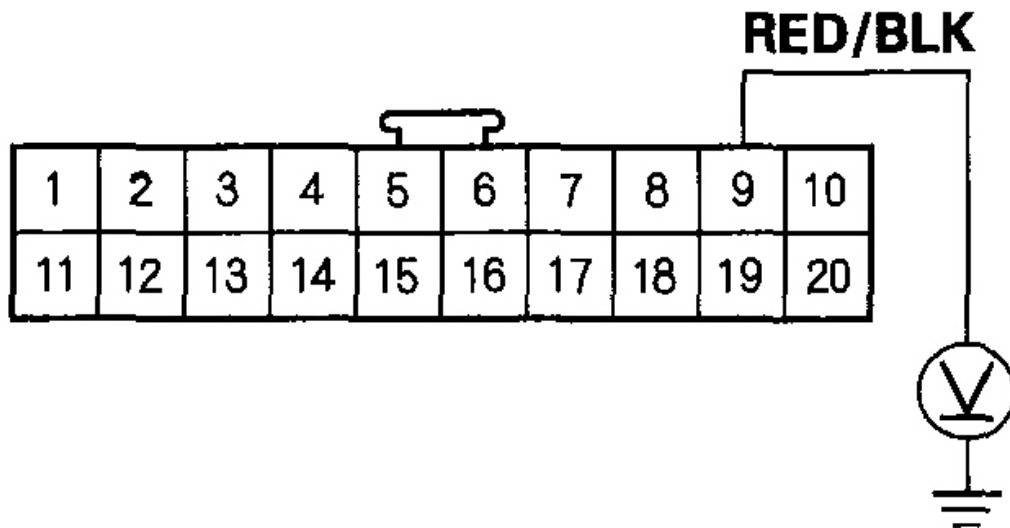
Is there continuity?

YES - Go to step 9.

NO - Repair an open in the wire.

9. Turn the combination light switch ON.
10. Measure voltage between audio unit connector A (20P) No. 9 terminal and body ground.

AUDIO UNIT CONNECTOR A (20P)



Wire side of female terminals

G03642517

Fig. 60: Measuring Voltage Between Audio Unit Connector A (20P) Terminal 9 And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES - Check the connections at the audio unit connector A (20P). If all connections are OK, replace the audio unit.

NO - Repair an open in the wire.

RADIO REMOTE SWITCH DOES NOT WORK PROPERLY

1. Test the radio remote switch.

- '03-04 models (see **RADIO REMOTE SWITCH TEST/REPLACEMENT**)
- '05-06 models (see **RADIO REMOTE SWITCH TEST/REPLACEMENT**)

Is the radio remote switch OK?**YES** - Go to step 2.**NO** - Replace the radio remote switch.

2. Remove the audio unit (see **AUDIO UNIT REMOVAL/INSTALLATION**).
3. Disconnect the audio unit connector A (20P).
4. Measure resistance between the audio unit connector A (20P) No. 3 and No. 11 terminals as specified in the check list.

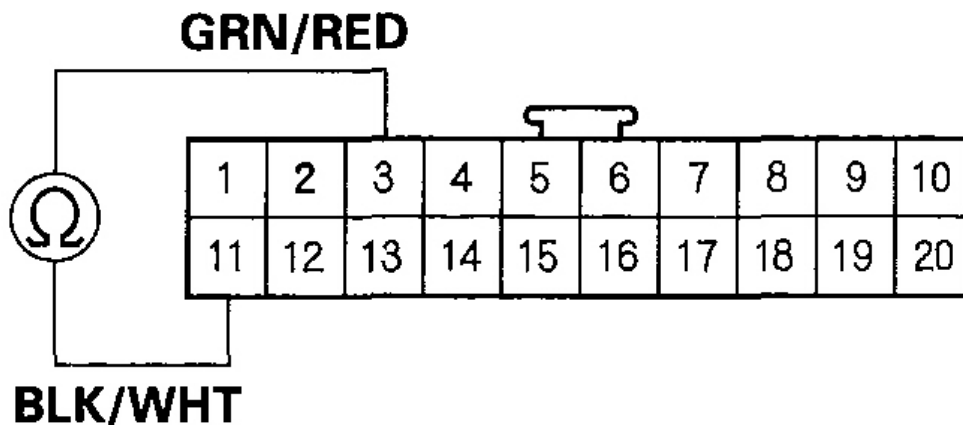
AUDIO UNIT CONNECTOR A (20P)**Wire side of female terminals****G03642518**

Fig. 61: Measuring Resistance Between Audio Unit Connector A (20P) Terminals 3 And 11
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

CHECK LIST

Button held down	VOL DOWN	VOL UP	CH	MODE	(NONE)
Resistance	about 47 ohm;	about 317 ohm;	about 1 kohm;	about 3.2 kohm;	10 kohm;

Is resistance OK?**YES** - Go to step 5.**NO** - Repair open or high resistance in the circuit between the audio unit and the radio remote switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

5. Check for continuity between body ground and audio unit connector (20P) A3 and A11 terminals individually.

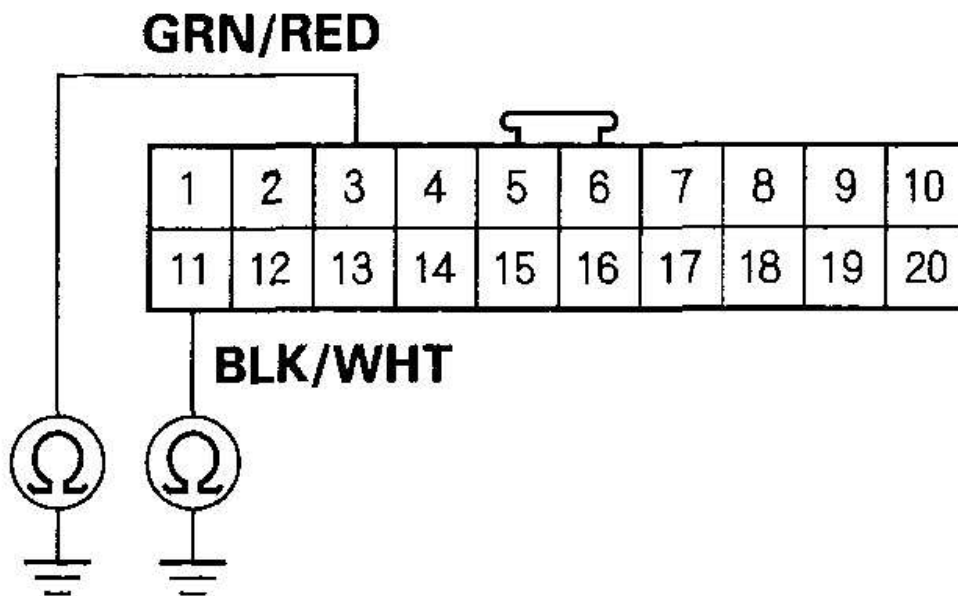
AUDIO UNIT CONNECTOR A (20P)**Wire side of female terminals****G03642519**

Fig. 62: Checking Continuity Between Body Ground And Audio Unit Connector And Terminals A3 And A11

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there continuity?**YES** - Repair the short to body ground in the circuit between the audio unit and the radio remote

switch. If the wires are OK, replace the cable reel (see **CABLE REEL REPLACEMENT**).

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

AUDIO DISC DOES NOT LOAD

NOTE:

- **Disc labels should not be used in the audio unit. They may damage the player mechanism.**
- **Make sure the CD is compatible with the system. See the owner's manual for more information.**

1. Insert a known-good disc to see if the symptom can be duplicated.

Does the CD load?

YES - Operation is normal. If the disc loads normally, but will not play, go to audio disc does not play (see **AUDIO DISC DOES NOT PLAY**).

NO - Go to step 2.

2. Insert another disc.

Does the disc load?

YES - The original disc is faulty.

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

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

AUDIO DISC DOES NOT PLAY

1. Try loading a disc.

Does the disc load?

YES - Go to step 2.

NO - Go to audio disc does not load (see **AUDIO DISC DOES NOT LOAD**).

2. Insert another disc to see if the symptom can be duplicated.

Does the disc play?

YES - Operation is normal.

NO - Go to step 3.

3. Insert audio diagnostic CD (T/N 07AAZ-SDBA100) in the audio unit.

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Does the disc play?

YES - The original disc is faulty or has an unreadable format.

NO - Replace audio unit.

Special Tools Required

- Diagnostic CD 07AAZ-SDBA100
- Skip test CD 07AAZ-SDBA200 or 07AAZ-SDBA300

AUDIO DISC SKIPS

1. Confirm the vehicles tires are properly inflated.
2. Check customers CD for scratches, fingerprints, and marks.

NOTE: **The following test should be performed with audio unit bass and treble set to customers listening performance. When comparing to known-good vehicles, comparison should be performed on same model and trim level.**

3. Test drive to identify when customers CD skipping occurs. The audio diagnostic CD (T/N: 07AAZ-SDBA100) can be used if customers CD is not available. Use tracks 10-12.

Does the skipping occur?

YES - Go to step 4.

NO - Operation is normal.

4. Compare the customers CD that is skipping to a known-good vehicle under the same conditions.

Does the CD skip in the known-good vehicle under the same conditions?

YES - Operation is normal.

NO - Go to step 5.

NOTE: **The following test should be performed with vehicle parked and engine running.**

5. Insert the diagnostic skip test CD (07AAZ-SDBA300). Play tracks 2-11 and note the track number(s) the CD starts skipping. Do the same test on a known-good vehicle.

Does the CD skip on same track(s) number as known-good vehicle?

YES - Operation is normal.

NO - Go to step 6.

6. Insert the diagnostic skip test CD (07AAZ-SDBA200). Play tracks 7-11 and tracks 13-15 and note the

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track number(s) the CD starts skipping. Perform the same test on a known-good vehicle.

Does the CD skip on same track(s) number as known-good vehicle?

YES - Operation is normal.

NO - Replace audio unit

AUDIO DISC DOES NOT EJECT

1. Turn the audio system ON.

Does the system turn on?

YES - Go to step 2.

NO - Go to power switch will not turn ON (see **POWER SWITCH WILL NOT TURN ON (NO INFORMATION DISPLAY AND NO SOUND)**).

2. Check to see if the disc is ejected correctly with no binding by pushing the EJECT button.

Is it normal?

YES - Operation is normal.

NO - The original disc is faulty.

DISC CHANGER DOES NOT LOAD ALL SIX DISCS

NOTE: **Disc labels should not be used in the audio unit. They may damage the player mechanism.**

1. Try loading six discs into the audio unit.

Does the audio unit accept all six discs?

YES - Intermittent failure, the audio unit is OK at this time.

NO - Go to step 2.

2. Try to loading the disc player with known-good discs.

Does the audio unit accept all six discs?

YES - At least one of the original disc is faulty.

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

DISC CHANGER DOES NOT MOVE BETWEEN DISCS

NOTE: **Disc labels should not be used in the audio unit. They may damage the player**

mechanism.

1. Insert the six discs into the audio unit and see if the changer moves between discs.

Does the changer operate normally?

YES - Intermittent failure, the disc changer is OK at this time.

NO - Go to step 2.

2. Insert six known-good discs into the audio unit.

Does the changer operate normally?

YES - At least one of the original discs is faulty.

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

VOLUME DOES NOT CHANGE

NOTE: **Set the fader and balance position to the center.**

1. Listen for sound from the speakers.

Is the sound normal?

YES - Go to step 2.

NO - Go to audio system sound is weak or distorted, or no sound is heard from speakers (see **AUDIO SYSTEM SOUND IS WEAK OR DISTORTED, OR NO SOUND IS HEARD FROM SPEAKERS (DISPLAY IS NORMAL)**).

2. Check the audio information on the display.

Does the audio information display properly?

YES - Intermittent failure, the system is OK at this time.

NO - Go to step 3.

3. Operate the volume knob to see if the volume changes.

Does it change?

YES - Operation is normal.

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

RADIO TUNER DOES NOT CHANGE STATIONS

1. Check the audio information on the display.

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Does the audio information display properly?

YES - Intermittent failure, the system is OK at this time.

NO - Go to step 2.

2. Operate the tuning knob to see if the radio station changes.

Does it change?

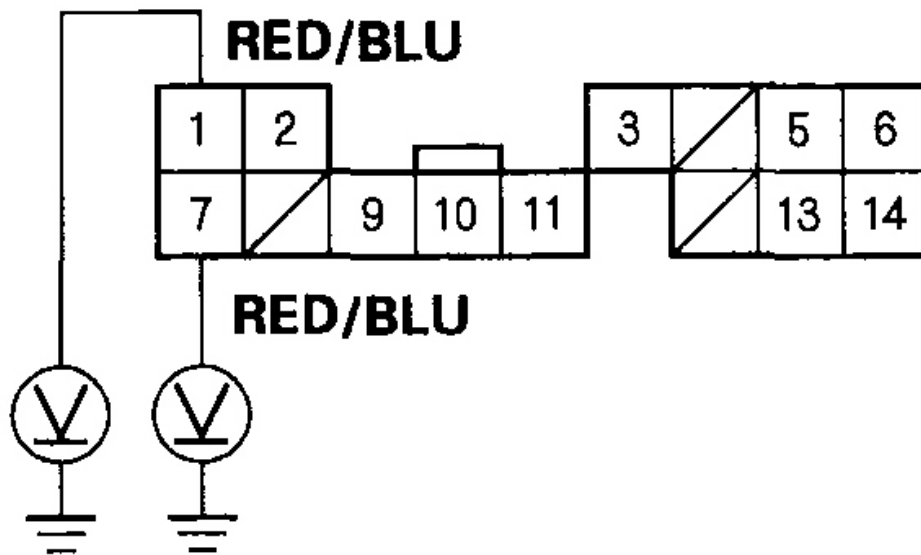
YES - Intermittent failure, the tuning knob is OK at this time.

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

XM RADIO DISPLAY IS BLANK AND NO STATION INFORMATION IS DISPLAYED

1. Turn the ignition switch OFF.
2. Disconnect XM receiver connector A (14P).
3. Turn the ignition switch to ACC (I).
4. Measure voltage between XM receiver connector A (14P) No. 1 and No. 7 terminals and body ground.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

G03642520

Fig. 63: Measuring Voltage Between XM Receiver Connector A (14P) Terminals 1 And 7 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

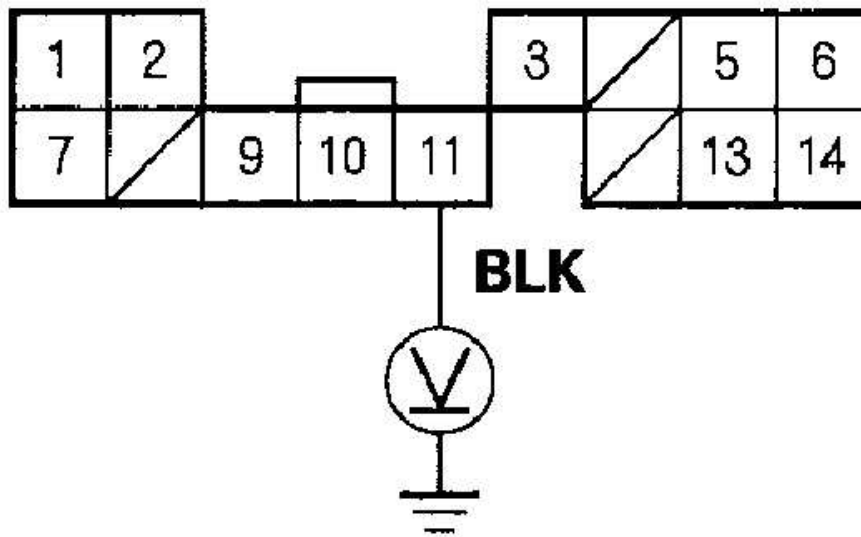
Is there battery voltage?

YES - Go to step 5.

NO - Check the No. 6 (10 A) fuse in the passenger's under-dash fuse/relay box. If the fuse is OK, repair an open in the wire.

5. Check for voltage between XM receiver connector A (14P) No. 11 terminal and body ground.

XM RECEIVER CONNECTOR A (14P)



Wire side of female terminals

G03642521

Fig. 64: Checking Voltage Between XM Receiver Connector A (14P) Terminal 11 And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

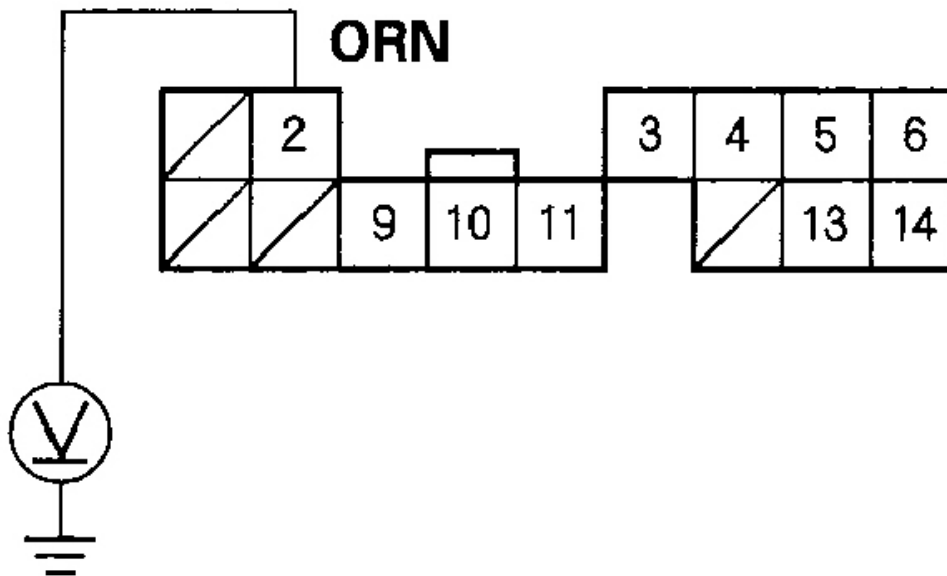
Is there less than 1.0 V?

YES - Go to step 6.

NO - Repair an open in the wire between the XM receiver connector A (14P) No. 11 terminal and body ground (G602).

6. Turn the ignition switch OFF.
7. Measure voltage between audio unit connector D (14P) No. 2 terminal and body ground.

AUDIO UNIT CONNECTOR D (14P)



Wire side of female terminals

G03642522

Fig. 65: Measuring Voltage Between Audio Unit Connector D (14P) Terminal 2 And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

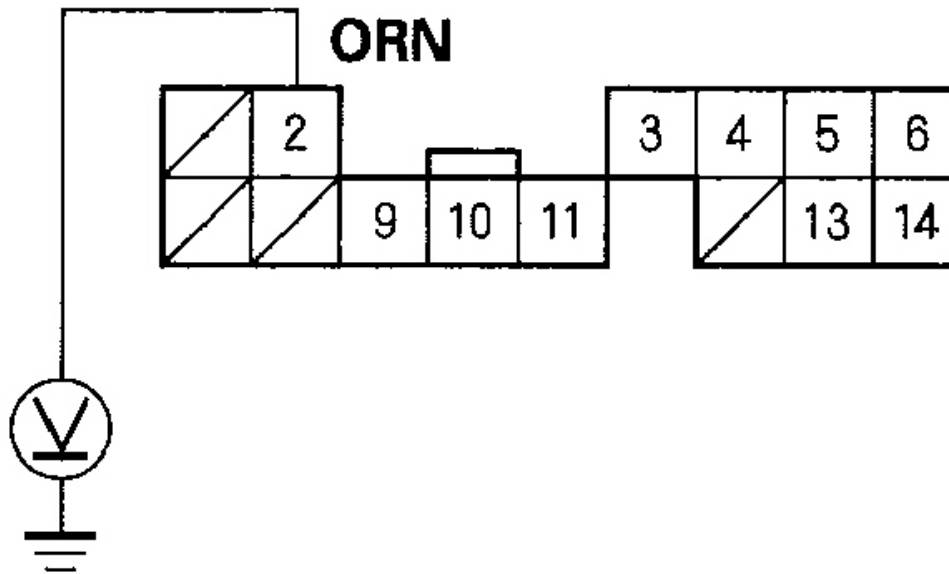
Is there 10 V or more present?

YES - Go to step 8.

NO - Check the orange wire for a short to ground or an open. If OK, substitute a known-good XM receiver and recheck. If 10 V or more are present, replace the original XM receiver.

8. Turn the ignition switch ON (II).
9. Measure voltage between audio unit connector D (14P) No. 2 terminal and body ground.

AUDIO UNIT CONNECTOR D (14P)



Wire side of female terminals

G03642523

Fig. 66: Measuring Voltage Between Audio Unit Connector D (14P) Terminal 2 And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is 0.5 V or less present?

YES - Go to step 10.

NO - Substitute a known-good audio unit and recheck. If 0.5 V or less are present, replace the original audio unit.

10. Disconnect audio unit connector D (14P).
11. Check for continuity between XM receiver connector A (14P) and body ground according to **XM RECEIVER CONNECTOR A (14P) AND BODY GROUND**.

XM RECEIVER CONNECTOR A (14P) AND BODY GROUND

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XM receiver connector	Wire color
A2	ORN
A5	WHT
A6	RED
A9	BLU
A10	PNK
A13	BLK
A14	GRN

Is there continuity?

YES - Substitute a known-good XM receiver and recheck. If 10 V or more are present, replace the original XM receiver.

NO - Go to step 12.

12. Check for continuity between XM receiver connector A (14P) and audio unit connector D (14P) according to **XM RECEIVER CONNECTOR A (14P) AND AUDIO UNIT CONNECTOR D (14P)** .

XM RECEIVER CONNECTOR A (14P) AND AUDIO UNIT CONNECTOR D (14P)

XM receiver connector	Audio unit connector	Wire color
A6	D6	RED
A14	D14	GRN
A5	D5	WHT
A13	D13	BLK
A9	D9	BLU
A10	D10	PNK
A2	D2	ORN

Is there continuity?

YES - Substitute a known-good XM receiver, then reconnect all connector and recheck. If the symptom/indication goes away, replace the original XM receiver. If symptom/indication is still present, replace the audio unit.

NO - Repair an open in the wire.

RADIO DISPLAYS ERROR CODE: XM NO SIGNAL

NOTE: Check XM radio reception in an open area with good exposure to the southern horizon. Poor reception/ interference can be caused by tall buildings, mountains, or high-voltage power lines.

1. Park vehicle outside with a clear view of the southern horizon.

Does XM radio receive a signal?

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YES - Reception interference operation is normal.

NO - Go to step 2.

2. Check XM antenna connector (2P) at XM receiver and antenna.

Are the XM antenna connectors connected?

YES - Go to step 3.

NO - Reconnect the XM antenna receiver connectors, recheck XM radio operation. If the signal is restored, the system is OK. If signal not restored go to step 3.

3. Substitute a known-good XM antenna.

Does the XM radio receive a signal?

YES - Replace XM antenna.

NO - Substitute a known-good XM antenna lead. If the XM radio receives a normal signal, replace original XM antenna lead.

RADIO DISPLAYS ERROR CODE: XM ANTENNA

1. Check the connector at the XM receiver.

Is the connector connected?

YES - Go to step 2

NO - Reconnect the connector. If the error message does not go away, go to step 2.

2. Check the connector at the XM antenna (XM/ OnStar Cellular/GPS antenna).

Is the connector connected?

YES - Go to step 3.

NO - Reconnect the connector. If the error message does not go away, go to step 3.

3. Check the pin locations in the XM receiver connector and the XM antenna connector.

Are the pins in the correct locations?

YES - Go to step 4.

NO - Correct the pin locations. If the error message does not go away, go to step 4.

4. Substitute a known-good XM antenna.

Is the error message gone?

YES - Replace the XM antenna.

NO - Go to step 5.

5. Substitute a known-good XM receiver.

Is the error message gone?

YES - Replace the XM receiver.

NO - Replace the XM antenna lead.

SOUND QUALITY DIAGNOSIS

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

Use the following tests to check sound quality.

NOTE: Before beginning the following tests, write down the client's bass, treble, fader and balance settings, then set them to their center positions for the testing.

LEFT/RIGHT CHANNEL ID

Do this test to confirm proper channel routing.

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Play track No. 1 (left, both, right channel ID) at a normal, or slightly higher than normal, volume level.
3. The voice should be audible only from the channel or channels when indicated.
 - If the channel ID is correct for each side, go to phase test (see **PHASE TEST**).
 - If the channel ID is not correct, check for
 - Shorted speaker wire
 - Faulty amplifier
 - Faulty audio unit

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

PHASE TEST

Do this test to confirm proper speaker phasing.

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Play track No. 2 (phase) at a normal, or slightly higher than normal, volume level.
3. The voice should sound centered and focused when it is in-phase.
4. The voice should sound diffused, and have "less base" when it is out of phase.

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- If the voice changes from in-phase to out of phase as indicated by the prompt, the phasing is correct. Go to electrical noise test (see **ELECTRICAL NOISE TEST**).
- If the voice always sounds out of phase, phasing is not correct. Check for:
 - Crossed speaker wires
 - Faulty amplifier
 - Faulty audio unit

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

ELECTRICAL NOISE TEST

Do this test to check for electrical noise being induced into the audio system.

NOTE: **Electrical noise may be caused by outside sources that cannot be handled by the audio system. Make sure you remove any cell phones and/or turn off any aftermarket devices before beginning this test.**

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Play track No. 4 (digital zero) at a normal, or slightly higher than normal, volume level.
3. Operate any electrical device that may cause noise from the audio system, including starting the engine.
4. Play track No. 5 (near digital zero) at a normal, or slightly higher than normal, volume level.
5. Operate any electrical device that may cause noise from the audio system, including starting the engine.
6. Play track No. 6 (SNR) at a normal, or slightly higher than normal volume level.
7. Operate any electrical device that may cause noise from the audio system, including starting the engine.
 - If no abnormal noise is heard, go to may individual speaker test (see **INDIVIDUAL SPEAKER TEST**).
 - If the noise is present only during the SNR track, replace the audio unit.
 - If the noise is heard during the digital zero or near digital zero track, check for
 - Poor ground at the audio unit, amplifier, engine or battery cable
 - Pinched or shorted speaker or amplifier wire
 - Faulty amplifier
 - Faulty audio unit
 - Other faulty components causing excessive electrical noise (ignition coils, alternator, door lock actuators, etc). Disconnect any suspect components, and then replay the tracks that were originally noisy. If the noise is gone, check the component's circuit and the component.

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

INDIVIDUAL SPEAKER TEST

Do this test to identify a faulty speaker.

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Play track No. 30 (steady 300 Hz tone) at a normal, or slightly higher than normal, volume level.
3. Listen to each speaker for poor sound compared to the other channels. Use the audio unit's fader and balance settings to help isolate the channel with the problem.
 - If the sound quality produced by a specific speaker is poor, substitute it with a known-good speaker. If the poor sound quality continues, go to the sound balance test (see **SOUND BALANCE TEST**).
 - If the sound quality is OK, go to the sound balance test (see **SOUND BALANCE TEST**).

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

SOUND BALANCE TEST

Perform this test to identify a faulty channel or speaker.

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Confirm the bass and treble are set to the center positions.
3. Play track No. 3 (pink noise) at a normal, or slightly higher than normal, volume level.
4. A "static" type sound should be heard through all speakers.
5. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player of a known-good vehicle.
6. Set the bass and treble to the center positions.
7. Play track No. 3 (pink noise) all the same level as was played in step 3 .
8. Compare the sounds made by the two vehicles.
 - If the sound does not have as much bass, check the subwoofer and circuit.
 - If the sound does not have enough "hiss," check the tweeters and their circuits.

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

FREQUENCY SWEEP

Do this test to find rattles or reverberation that may cause a perception of poor sound quality.

1. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
2. Play track No. 13 (sweep from 500 Hz to 35 Hz) at a normal, or slightly higher than normal, volume level.

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3. Listen to each speaker for poor sound quality or reverberations caused by specific frequencies. Use the voice-over to estimate the frequency that causes the vibration. Use the audio unit's fader and balance settings to help isolate the channel with the problem.
 - If vibrations poor sound quality is heard, go to step 4.
 - If no vibration or poor sound quality is heard, go to sound judging (see **SOUND JUDGING**).
4. Choose the appropriate track from No. 14 to 25 (small range frequency sweep) or 26 to 53 (single frequencies) to recreate the frequency that caused the poor sound quality or vibration witnessed in step 3 ; this aids in diagnosis of the cause.

NOTE: **When you get to the track that recreates the problem, select the repeat function on the audio unit, this will help you isolate the cause.**

5. Replace or insulate the source of the vibration or, if the speaker is the source of the poor sound quality, replace it.

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

SOUND JUDGING

Do this test to compare overall sound quality, imaging, and dynamics between the client's vehicle and a known-good vehicle. Only use a vehicle of the same model and trim level for this test.

1. In the client's vehicle, set the bass, treble, fader, and balance settings to the client's normal settings that were written down before beginning the test.
2. Insert the audio diagnostic CD (T/N 07AAZ-SDBA 100) into the CD player.
3. Play track No. 7 to 12 (sound quality, midland, dynamics, and imaging demonstration tracks) at a normal, or slightly higher than normal, volume level. Write down the volume setting being used.
4. Listen to areas of the track that stand out as being either real clear or poorer than other areas of the track.
5. In a known-good vehicle, insert the audio diagnostic CD (T/N 07AAZ-SDBA100) into the CD player.
6. Play the tracks at the same volume level and the same bass, treble, balance, and fader settings as used in step 3 in the client's vehicle.
7. Listen to the same area of the track that stood out as being either real clear or poorer than other areas of the track.
8. Compare the client's vehicle's sound quality results the known-good vehicle's results.
 - If the sound quality in the client's vehicle is comparable to the sound quality in the known-good vehicle, then the client's vehicle is operating as designed.
 - If the sound quality is not comparable, check these items in order.
 - Loose or improperly installed speakers or other hardware that may become excited by the vibrations generated by the speakers
 - Poor power or ground to the stereo amplifier

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- Damaged speaker(s)
- Faulty amplifier
- Faulty audio unit

Special Tools Required

Diagnostic CD 07AAZ-SDBA100

SEEK STOP TEST

Do this test to check the performance of the audio unit's AM and FM reception. Refer to symptom troubleshooting: audio system sound weak or distorted, or no sound is heard from speakers (display is normal) (see **AUDIO SYSTEM SOUND IS WEAK OR DISTORTED, OR NO SOUND IS HEARD FROM SPEAKERS (DISPLAY IS NORMAL)**) before continuing with this test.

NOTE:

- **Window tint, aftermarket theft-recovery device and other aftermarket accessories may reduce radio reception.**
- **Changes in cloud cover and other atmospheric conditions will affect the ability of the audio unit to receive radio signals.**

1. Park the client's vehicle in an open area away from buildings or other obstructions.
2. Park a known-good vehicle (same year, model, and trim level) next to the client's vehicle, facing the same direction.
3. Start the engine in the client's vehicle, and turn on the radio.
4. Set the FM receiver to 87.7 MHz.
5. Press the "Seek +" button, and record the first station that the audio unit locks onto.
6. Press the "Seek +" button repeatedly, and write down each station that the audio unit locks onto until the station recorded in step 5 is reached again.
7. Set the AM receiver to 530 kHz.
8. Press the "Seek +" button, and record the first station that the audio unit locks onto.
9. Press the "Seek +" button repeatedly, and write down each station that the audio unit locks onto until the station recorded in step 8 is reached again.
10. Turn the ignition switch to LOCK (0).
11. Start the engine in the known-good vehicle, and then perform steps 7 through 10 on the known-good vehicle.
12. Compare the number of stations received in steps 6 and 9 in the client's vehicle with the number of stations received in the known-good vehicle.
 - If the number of stations received is the same, or within 10%, the audio unit's tuner performance is OK. The problem may be atmospheric conditions, multi-path interference, or other obstructions to the radio signal.
 - If the client's vehicle receives fewer stations by at least 10%, go to step 2 of poor radio reception or interference (see **POOR AM/FM RADIO RECEPTION OR INTERFERENCE**).

AUDIO UNIT REMOVAL/INSTALLATION

SRS components are located in this area. Review the SRS component locations for the appropriate year.

- '03 model (see **2003 MODEL**)
- '04-06 models (see **2004-2006 MODELS**)

Also review the precautions and procedures (see **PRECAUTIONS AND PROCEDURES**) before performing repairs or service.

NOTE:

- **Put on gloves to protect your hands.**
 - **Take care not to scratch the dashboard and related parts.**
1. Make sure you have the anti-theft codes for the radio and navigation system, then write down the frequencies for the radio channel presets.
 2. Remove the center panel (see **DASHBOARD CENTER PANEL REMOVAL/INSTALLATION**).
 3. Remove the six mounting screws, disconnect the audio unit connectors (A), display unit connectors (B) and the antenna lead (C), then remove the audio unit (D).

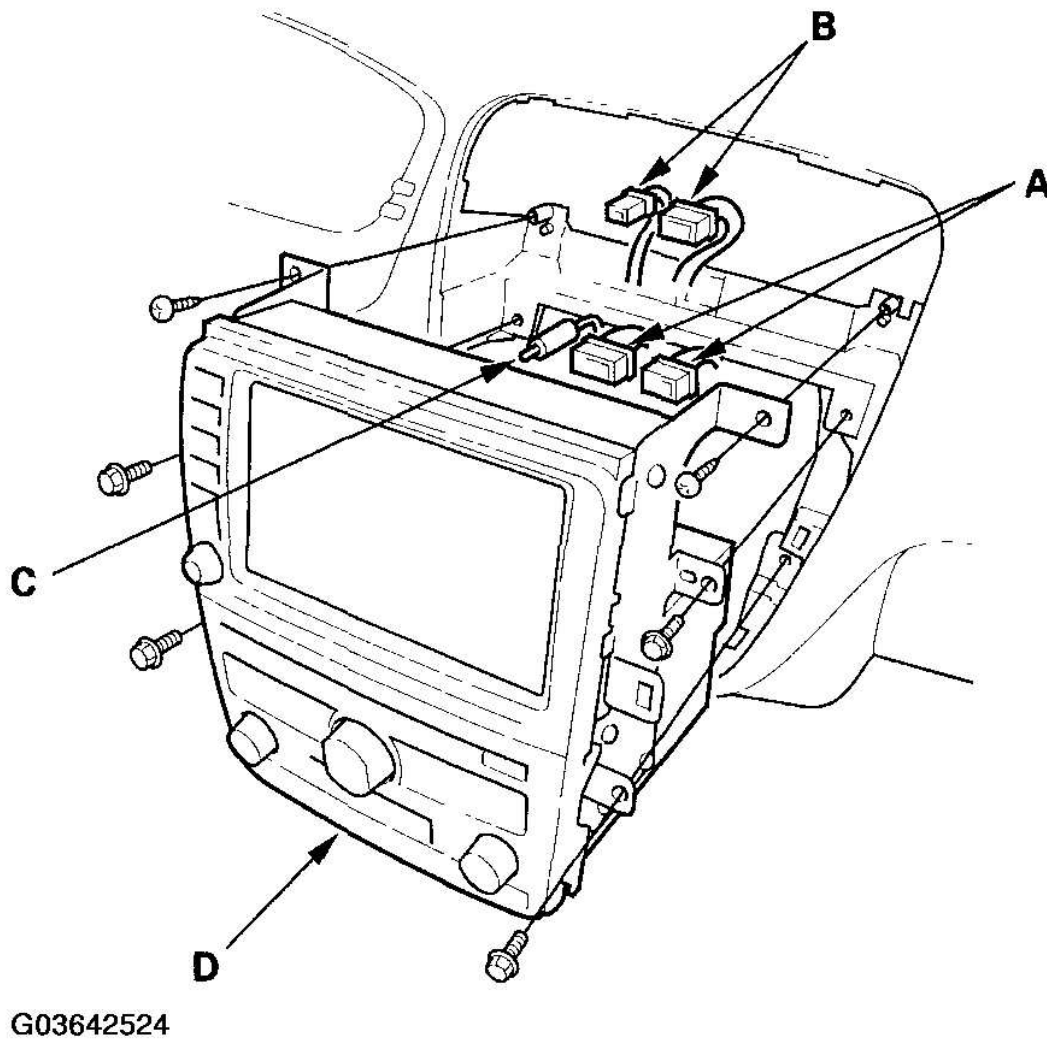
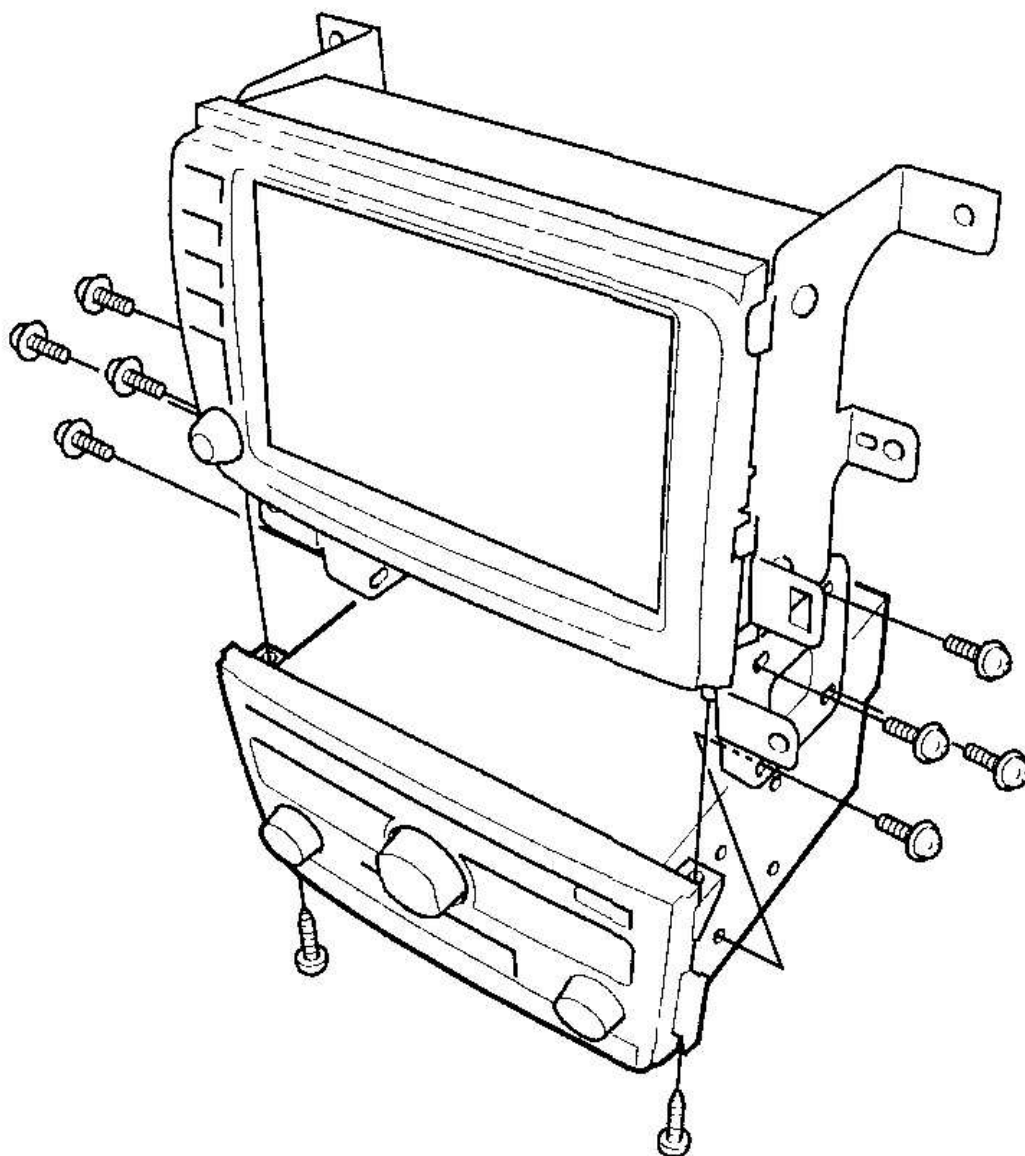


Fig. 67: Disconnecting Audio Unit Connectors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Remove the display unit.



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Fig. 68: Removing Display Unit

Courtesy of AMERICAN HONDA MOTOR CO., INC.

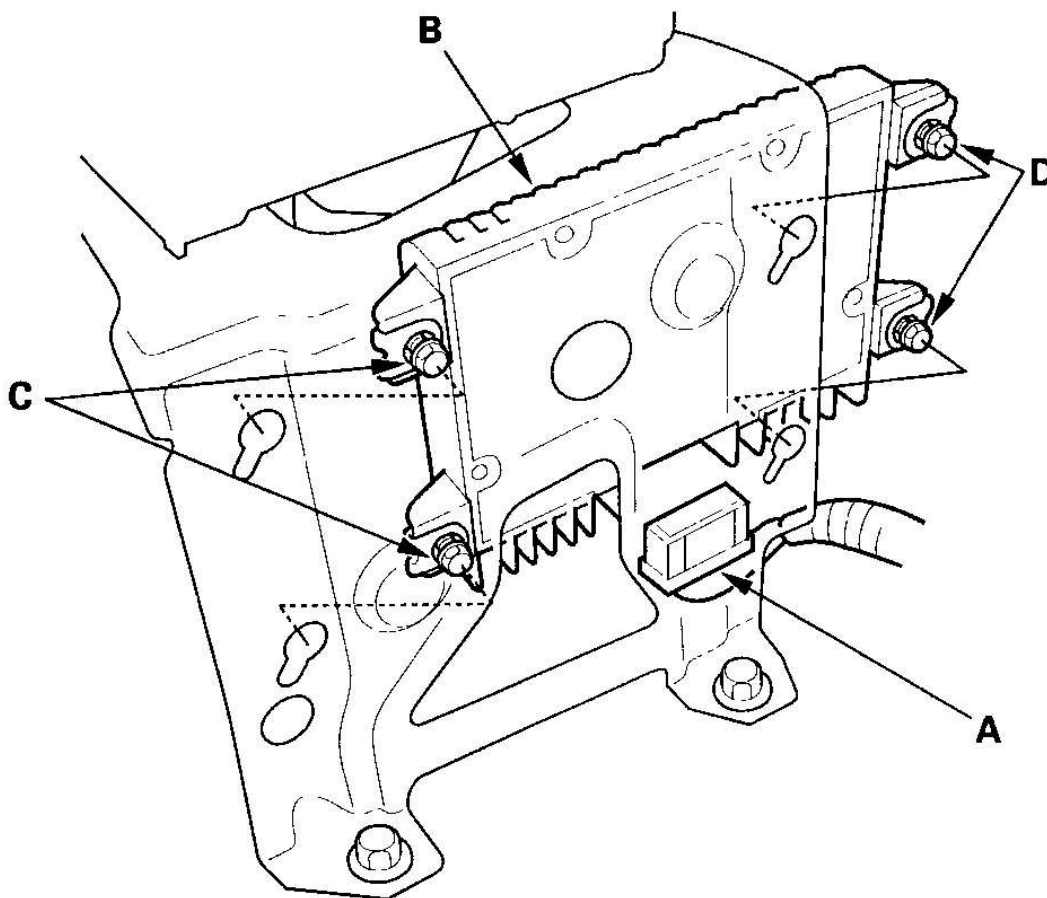
5. Install in the reverse order of removal, and note these items:
 - Make sure the audio unit and display unit connectors are plugged in properly, and the antenna lead is connected properly.
 - Enter the anti-theft codes for the radio and navigation system, then enter the customer's radio

channel presets.

FRONT STEREO AMPLIFIER REPLACEMENT - WITH BOSE SOUND SYSTEM

'03 MODEL

1. Remove the center console (see **CENTER CONSOLE REMOVAL/INSTALLATION**).
2. Disconnect the 26P connector (A) from the front stereo amplifier (B).



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Fig. 69: Disconnecting 26P Connector From Front Stereo Amplifier
Courtesy of AMERICAN HONDA MOTOR CO., INC.

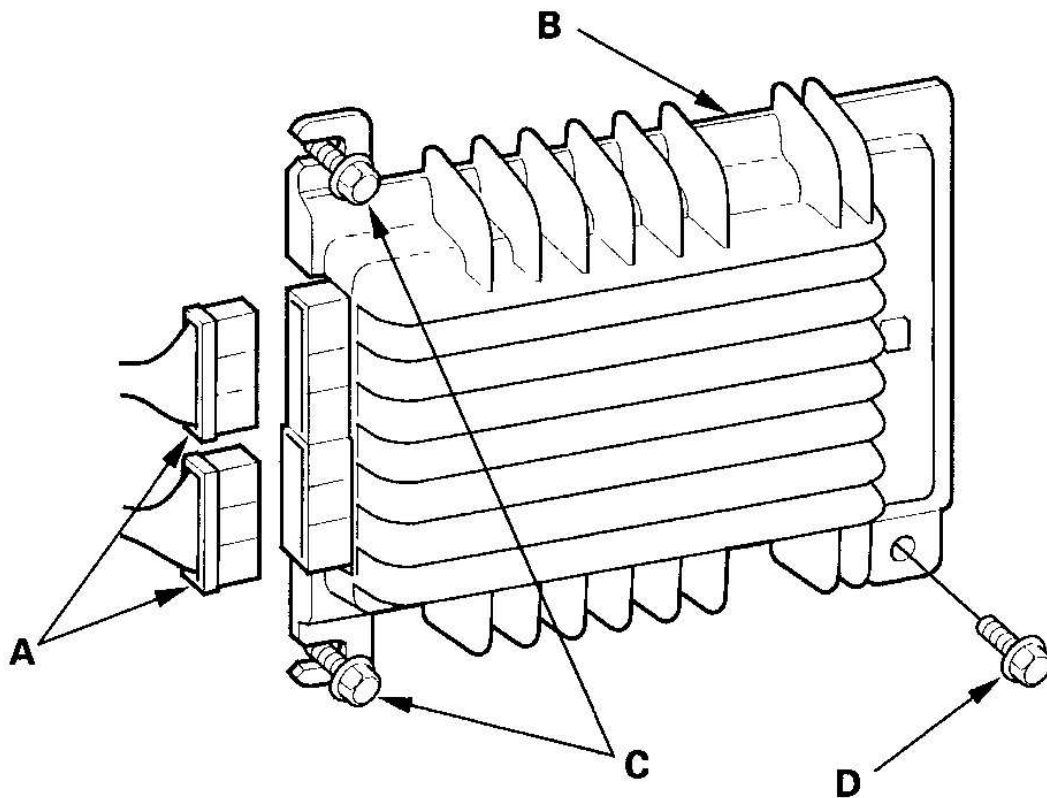
3. Loosen the two front mounting bolts (C) and remove the two rear mount bolts (D), then remove the front stereo amplifier.

4. Install the amplifier in the reverse order of removal.

STEREO AMPLIFIER REPLACEMENT - WITH BOSE SOUND SYSTEM

'04-06 MODELS

1. Remove the center console (see **CENTER CONSOLE REMOVAL/INSTALLATION**).
2. Disconnect the 23P and 14P connectors (A) from the front stereo amplifier (B).



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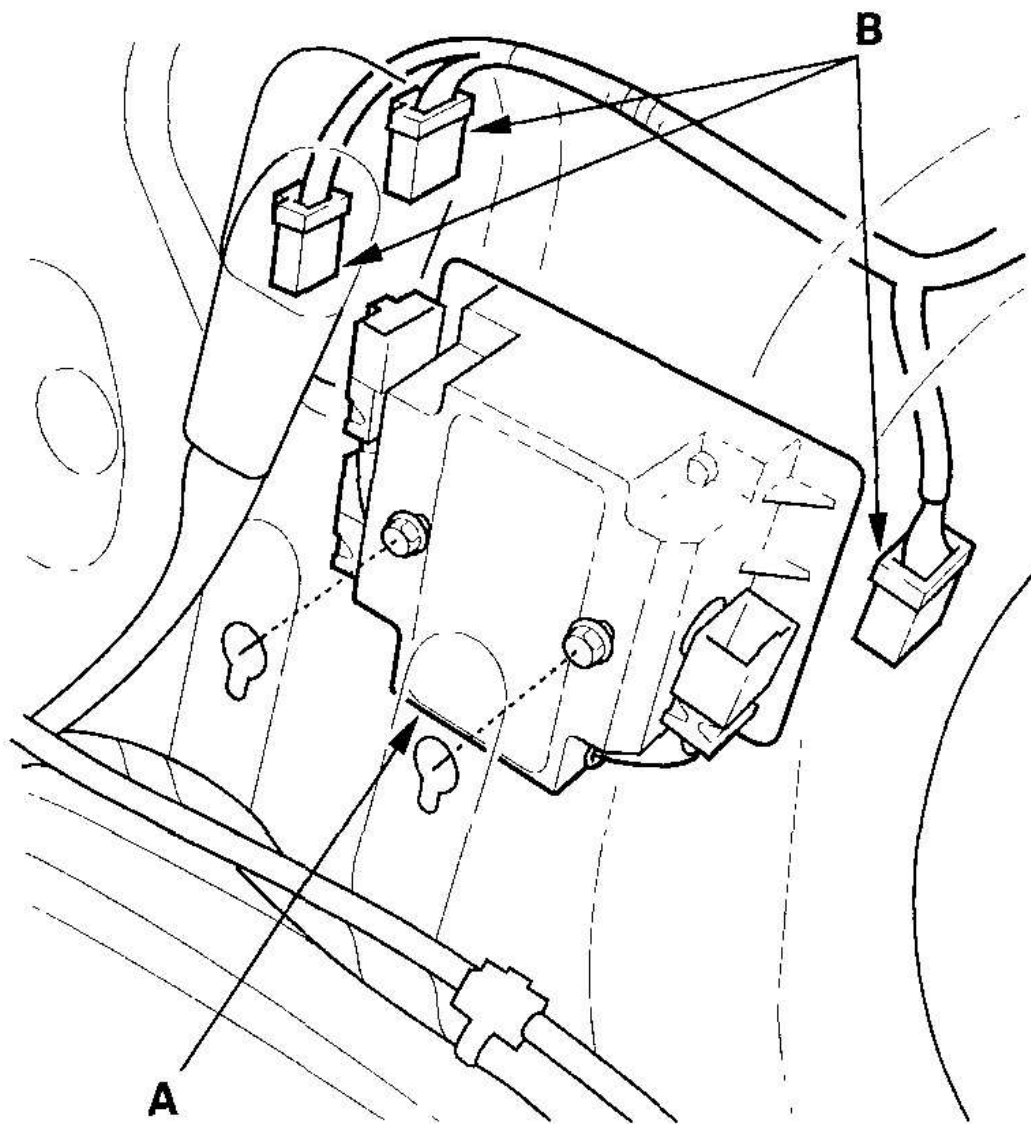
Fig. 70: Disconnecting 23P And 14P Connectors From Front Stereo Amplifier
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Loosen the two front mounting bolts (C) and remove the rear mount bolt (D), then remove the stereo amplifier.
4. Install the amplifier in the reverse order of removal.

REAR STEREO AMPLIFIER REPLACEMENT

'03 MODEL WITH BOSE SOUND SYSTEM

1. Remove the right rear side trim panel (see **TRIM REMOVAL/INSTALLATION - REAR SIDE LOWER AREA**).
2. Remove the woofer (see **WOOFER REPLACEMENT**).
3. Loosen the two mounting bolts and rear stereo amplifier (A).



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Fig. 71: Loosening Mounting Bolts And Rear Stereo Amplifier

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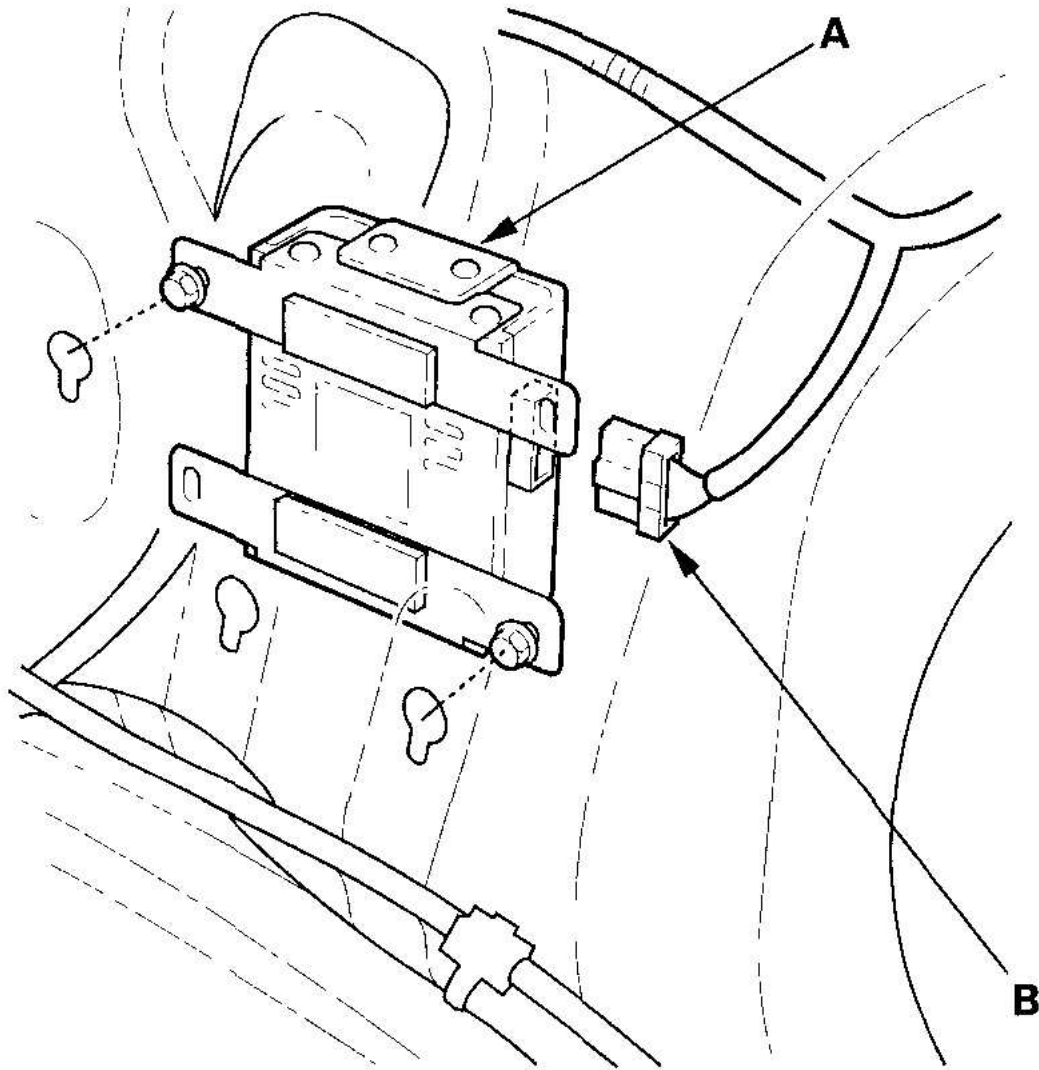
2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Disconnect the connectors (B) from the rear stereo amplifier.
5. Install the amplifier in the reverse order of removal.

WITHOUT BOSE SOUND SYSTEM

1. Remove the right rear side trim panel (see **TRIM REMOVAL/INSTALLATION - REAR SIDE LOWER AREA**).
2. Remove the woofer (see **WOOFER REPLACEMENT**).
3. Loosen the two mounting bolts and rear stereo amplifier (A).



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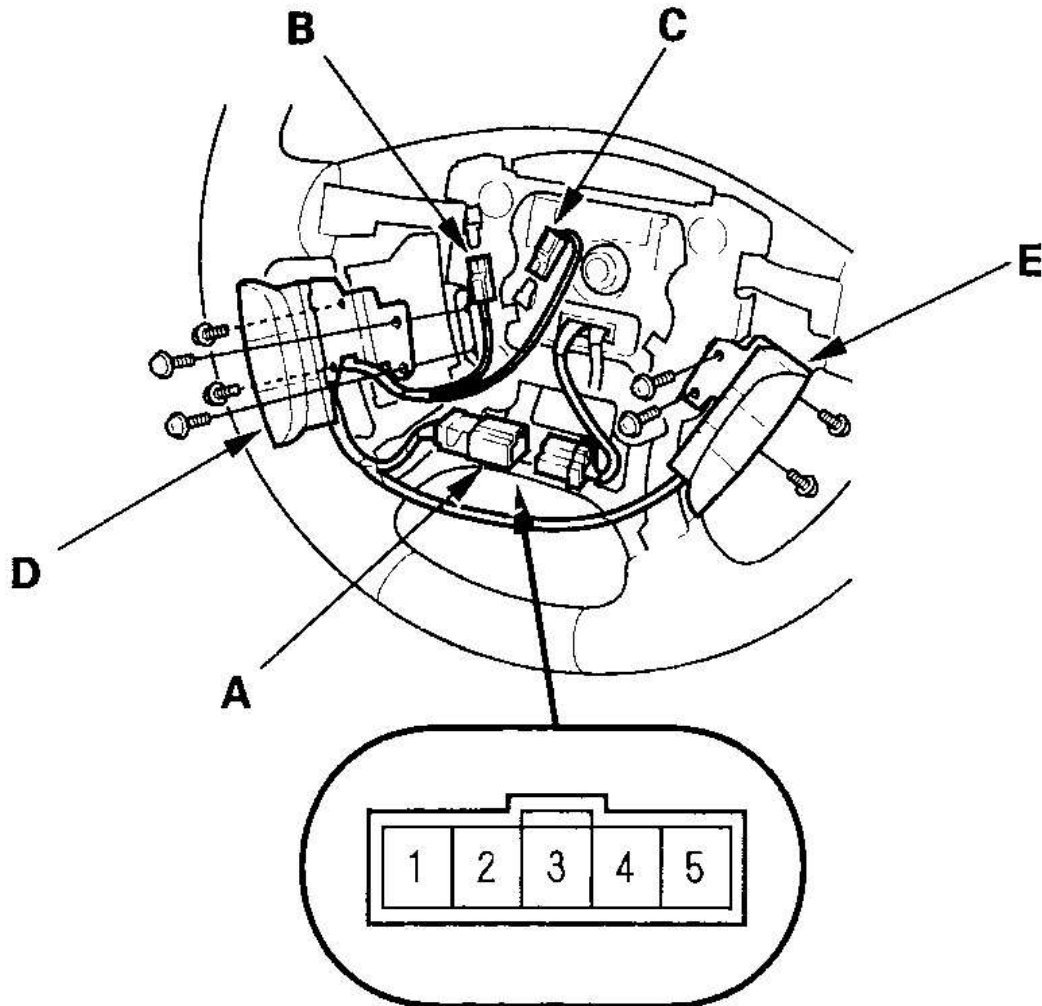
Fig. 72: Loosening Mounting Bolts And Rear Stereo Amplifier
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Disconnect the 10P connector (B) from the rear stereo amplifier.
5. Install the amplifier in the reverse order of removal.

RADIO REMOTE SWITCH TEST/REPLACEMENT

'03-04 MODELS

1. Remove the driver's airbag assembly (see **DRIVER'S AIRBAG REPLACEMENT**).
2. Disconnect the 5P connector (A), the 1P connector (B) and the 1P connector (C) from the radio remote switch (D).



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Fig. 73: Disconnecting Connectors From Radio Remote Switch
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Measure the resistance between the 5P connector No. 1 terminal and 1P connector (C) in each switch position according to **Fig. 74** .

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Position	Resistance
OFF	about 10 k Ω
MODE	about 3.2 k Ω
CH	about 1 k Ω
▲ (VOL UP)	about 320 Ω
▼ (VOL DOWN)	about 50 Ω

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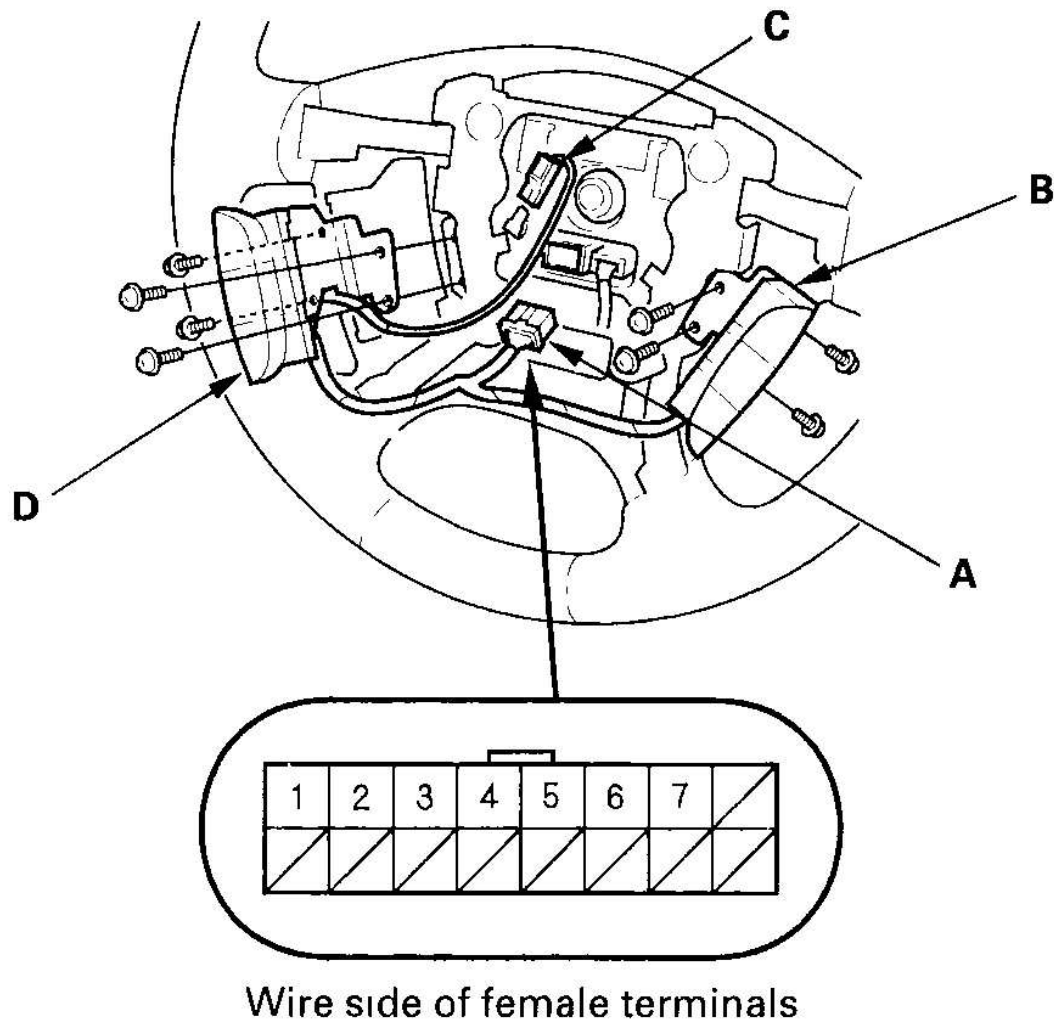
Fig. 74: Measuring Resistance Between 5P Connector Terminal 1 And 1P Connector In Each Switch Position Chart

Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. If the resistance is not as specified, go to step 5.
5. Remove the four screws and the cruise control set/ resume/cancel switch (E) from the steering wheel.
6. Remove the four screws and the radio remote switch.

'05-06 MODELS

1. Remove the driver's airbag assembly (see **DRIVER'S AIRBAG REPLACEMENT**).
2. Disconnect the 16P connector (A) from the cable reel.



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Fig. 75: Disconnecting 16P Connector From Cable Reel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Measure the resistance between the 16P connector No. 5 and No. 7 terminals in each switch position according to **Fig. 76** .

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2003-06 ACCESSORIES & EQUIPMENT Audio System - MDX

Position	Resistance
OFF	about 10 k Ω
MODE	about 3.2 k Ω
CH	about 1 k Ω
▲ (VOL UP)	about 317 Ω
▼ (VOL DOWN)	about 47 Ω

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Fig. 76: Measuring Resistance Between 16P Connector Terminals 5 And 7 In Each Switch Position Chart

Courtesy of AMERICAN HONDA MOTOR CO., INC.

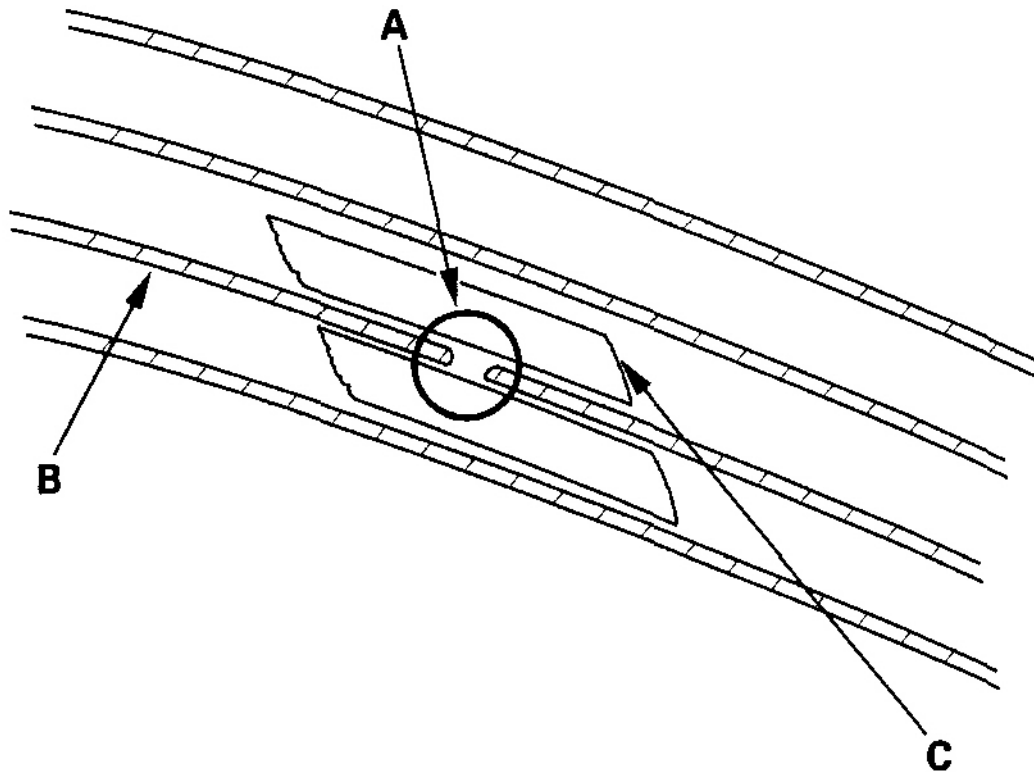
4. If the resistance is not as specified, go to step 5.
5. Remove the two screws and the cruise control set/ resume/switch (B) from the steering wheel.
6. Remove the four screws, the 1P connector (C) and the radio remote switch (D), HFL-voice control switch and cruise set/resume/cancel switch as an assembly.

WINDOW ANTENNA REPAIR

'05-06 MODELS

NOTE: To make an effective repair, the broken section must be no longer than one inch.

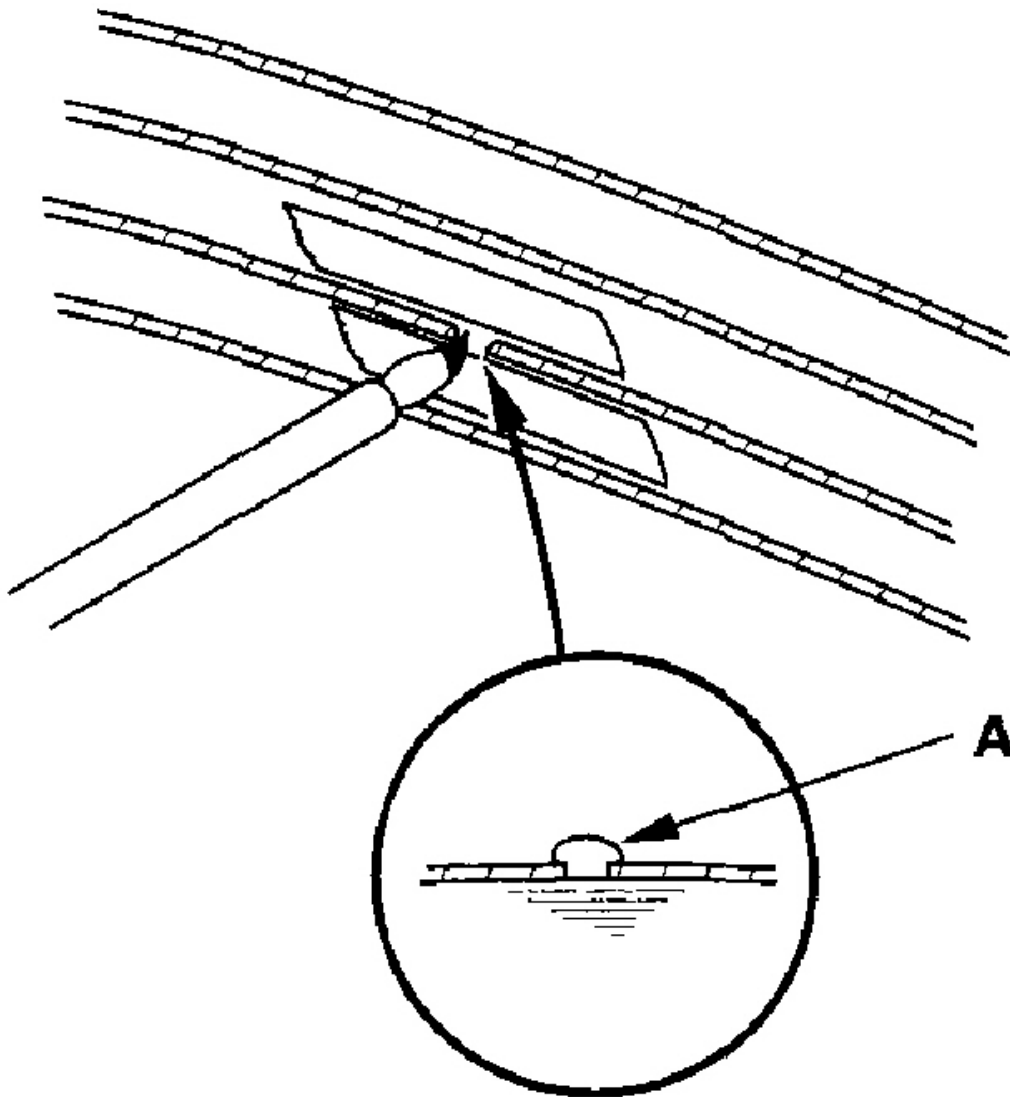
1. Lightly rub the area around the broken section (A) with fine steel wool, then clean it with alcohol.



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Fig. 77: Rubbing Area Around Broken Section With Fine Steel Wool
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Carefully mask above and below the broken portion of the window antenna wire (B) with cellophane tape (C).
3. Mix the silver conductive paint thoroughly. Using a small brush, apply a heavy coat of paint (A) extending about 1/8" on both sides of the break. Allow 30 minutes to dry.



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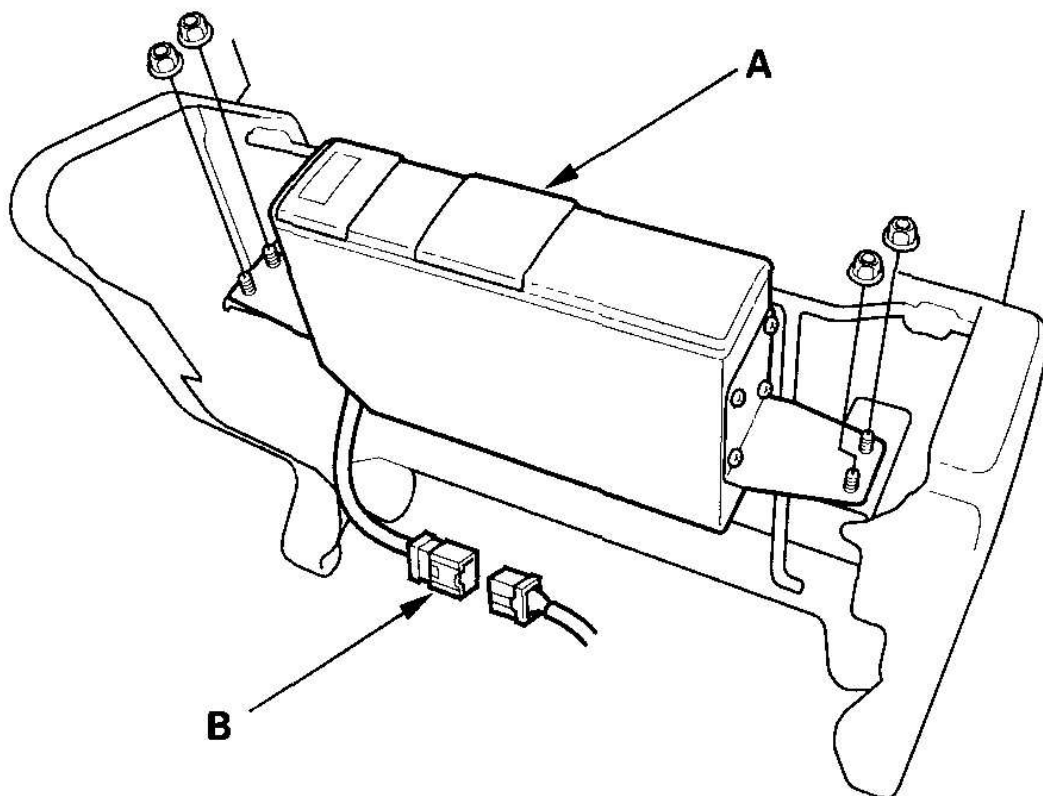
Fig. 78: Applying Heavy Coat Of Paint Extending On Both Sides Of Break
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Check for continuity in the repaired wire.
5. Apply a second coat of paint in the same way. Let it dry 3 hours before removing the tape.

CD CHANGER REPLACEMENT

'03-04 MODELS

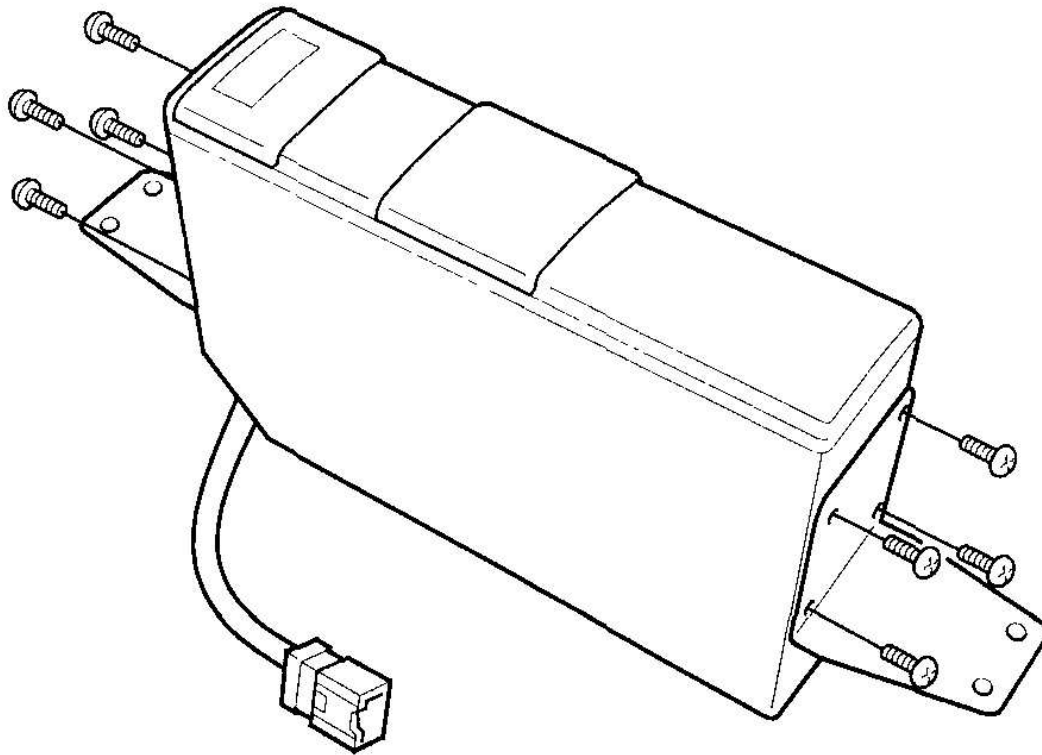
1. Slide the driver's seat backward.
2. Remove the four mounting nuts from the CD changer (A).



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Fig. 79: Removing Mounting Nuts From CD Changer
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 10P connector (B) and remove the CD changer.
4. Remove the four mounting screws, then remove the bracket.



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Fig. 80: Removing Mounting Screws And Bracket
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Install in the reverse order of removal.

SPEAKER REPLACEMENT

FRONT SPEAKER

1. Remove the front door speaker grille (A).

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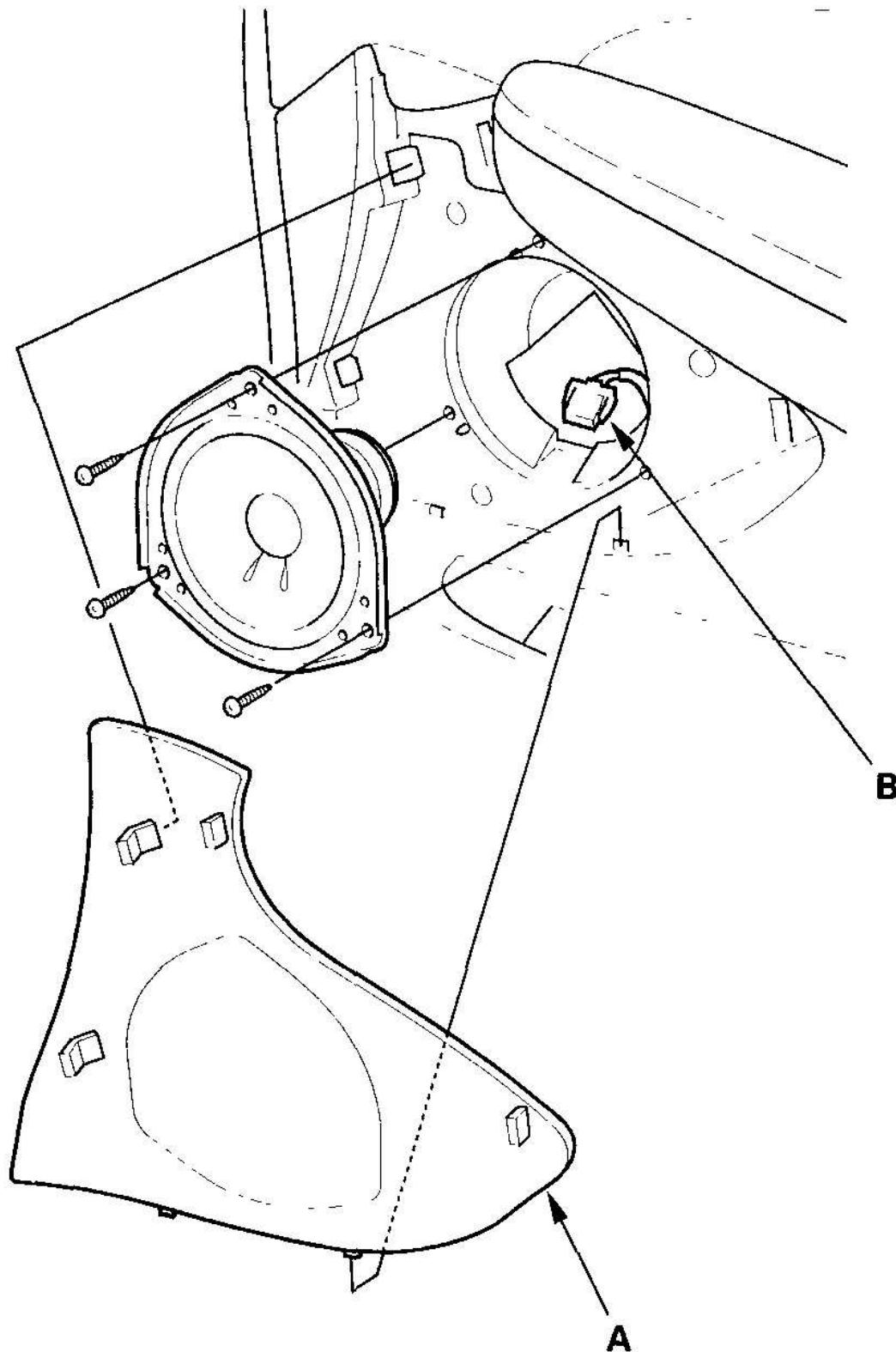
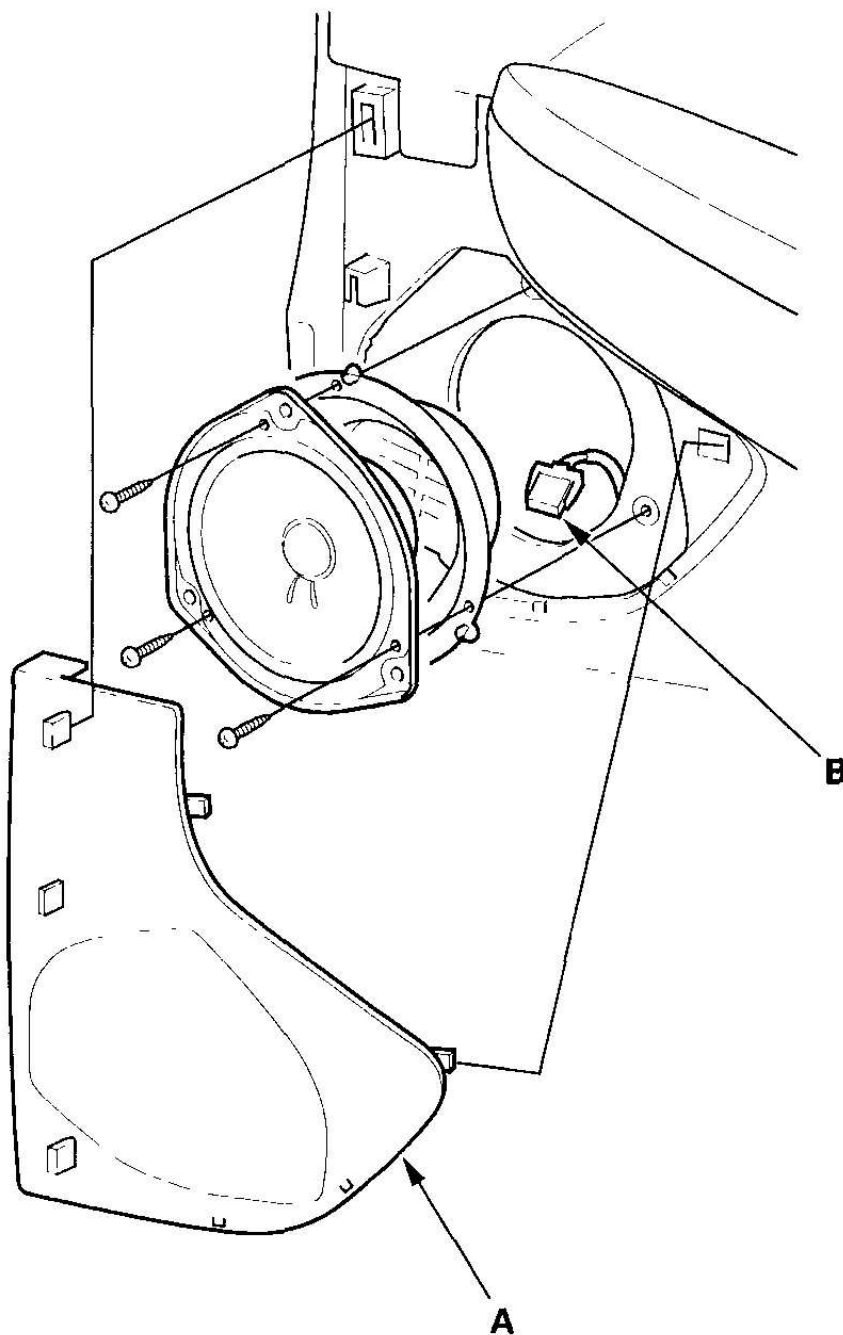


Fig. 81: Removing Front Door Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Remove the three mounting screws from the front speaker.
3. Disconnect the 2P connector (B) and the speaker.
4. Install in the reverse order of removal.

REAR SPEAKER

1. Remove the rear door speaker grille (A).



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Fig. 82: Removing Rear Door Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Remove the three mounting screws from the rear speaker.

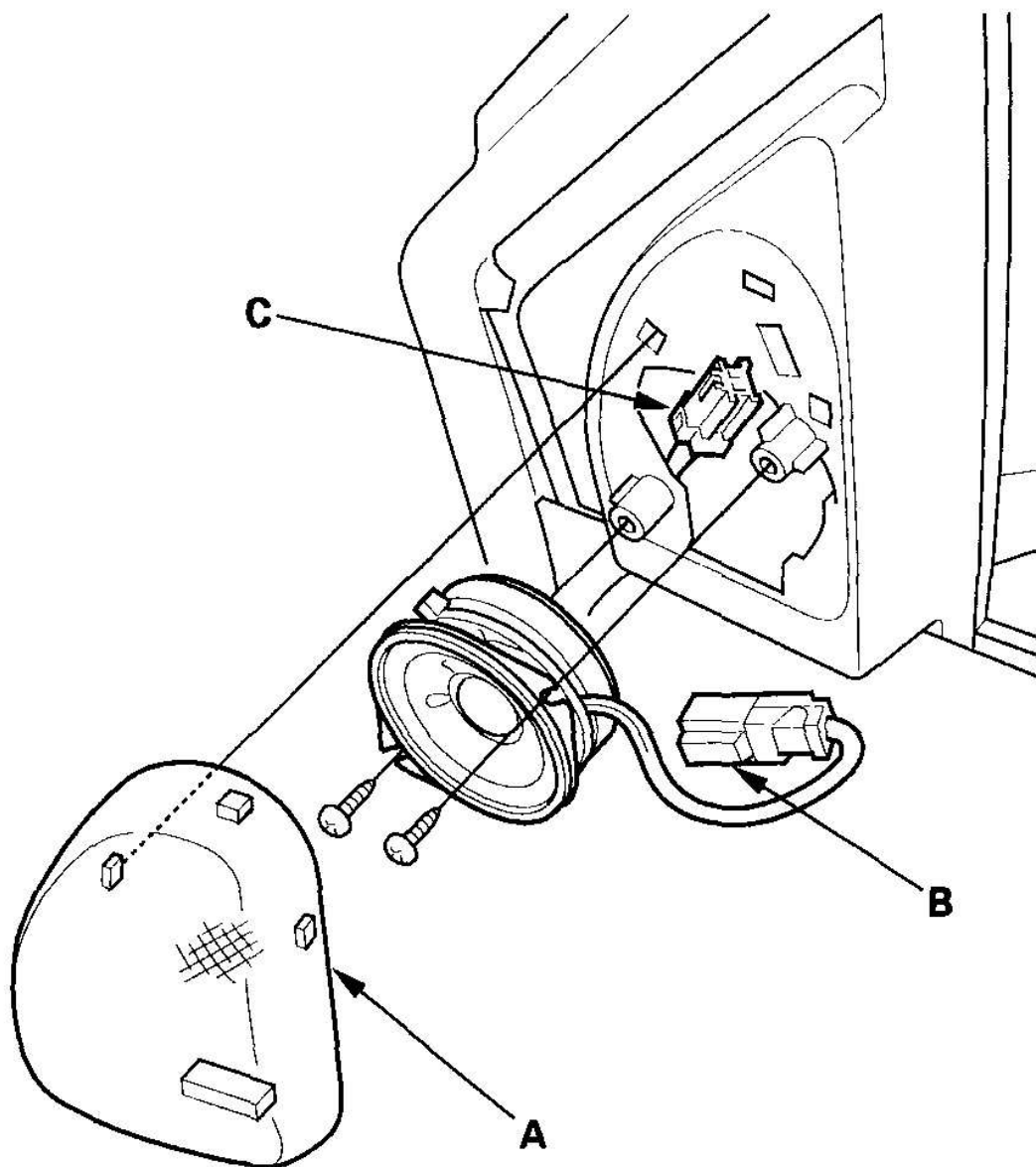
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3. Disconnect the 2P connector (B) and the speaker.
4. Install in the reverse order of removal.

FRONT TWEETER

1. Remove the front door panel (see **FRONT DOOR PANEL REMOVAL/INSTALLATION**).
2. Remove the front tweeter speaker grille (A).



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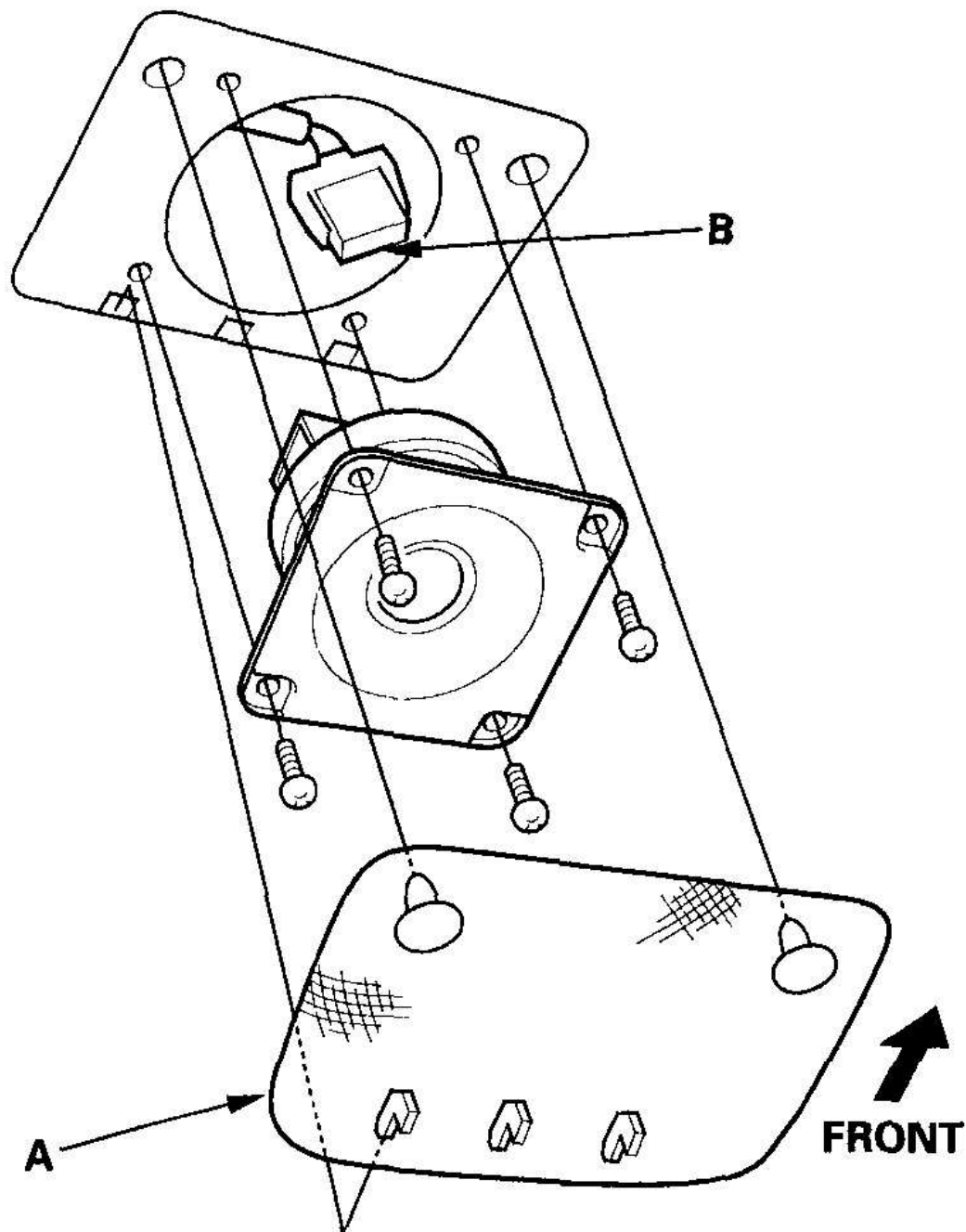
Fig. 83: Removing Front Tweeter Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the harness clip (B).
4. Remove the two mounting screws and the tweeter.
5. Disconnect the 2P connector (C) from the tweeter.
6. Install in the reverse order of removal.

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TWIDDLER (WITH BOSE SOUND SYSTEM)

1. Remove the rear ceiling speaker grille (A).



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Fig. 84: Removing Rear Ceiling Speaker Grille
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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2. Remove the four mounting screws and tweeter from the ceiling.
3. Disconnect the 2P connector (B) from the tweeter.
4. Install in the reverse order of removal.

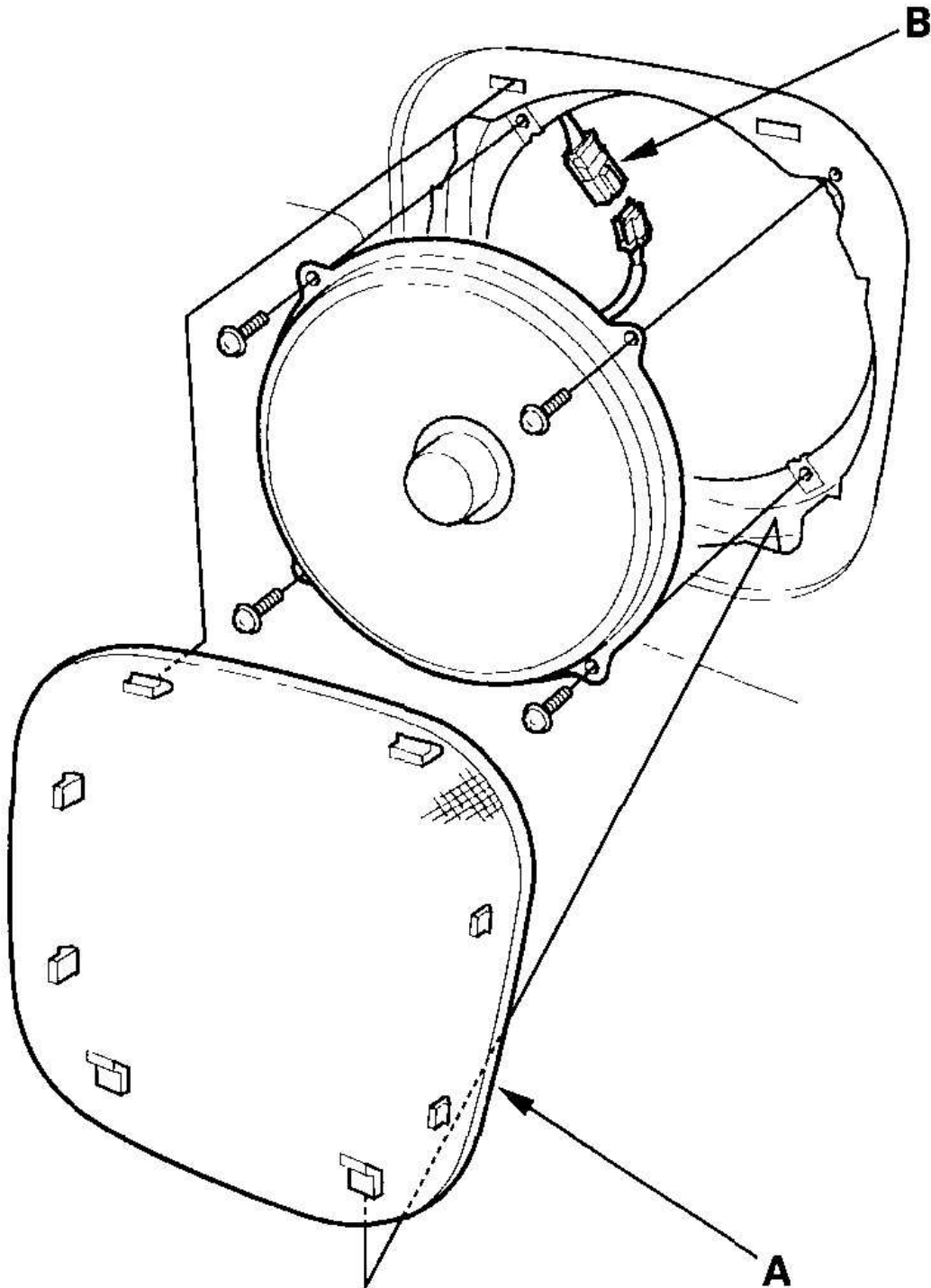
WOOFER REPLACEMENT

WITH BOSE SOUND SYSTEM

1. Remove the rear speaker grille (A).

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Fig. 85: Removing Rear Speaker Grille

Courtesy of AMERICAN HONDA MOTOR CO., INC.

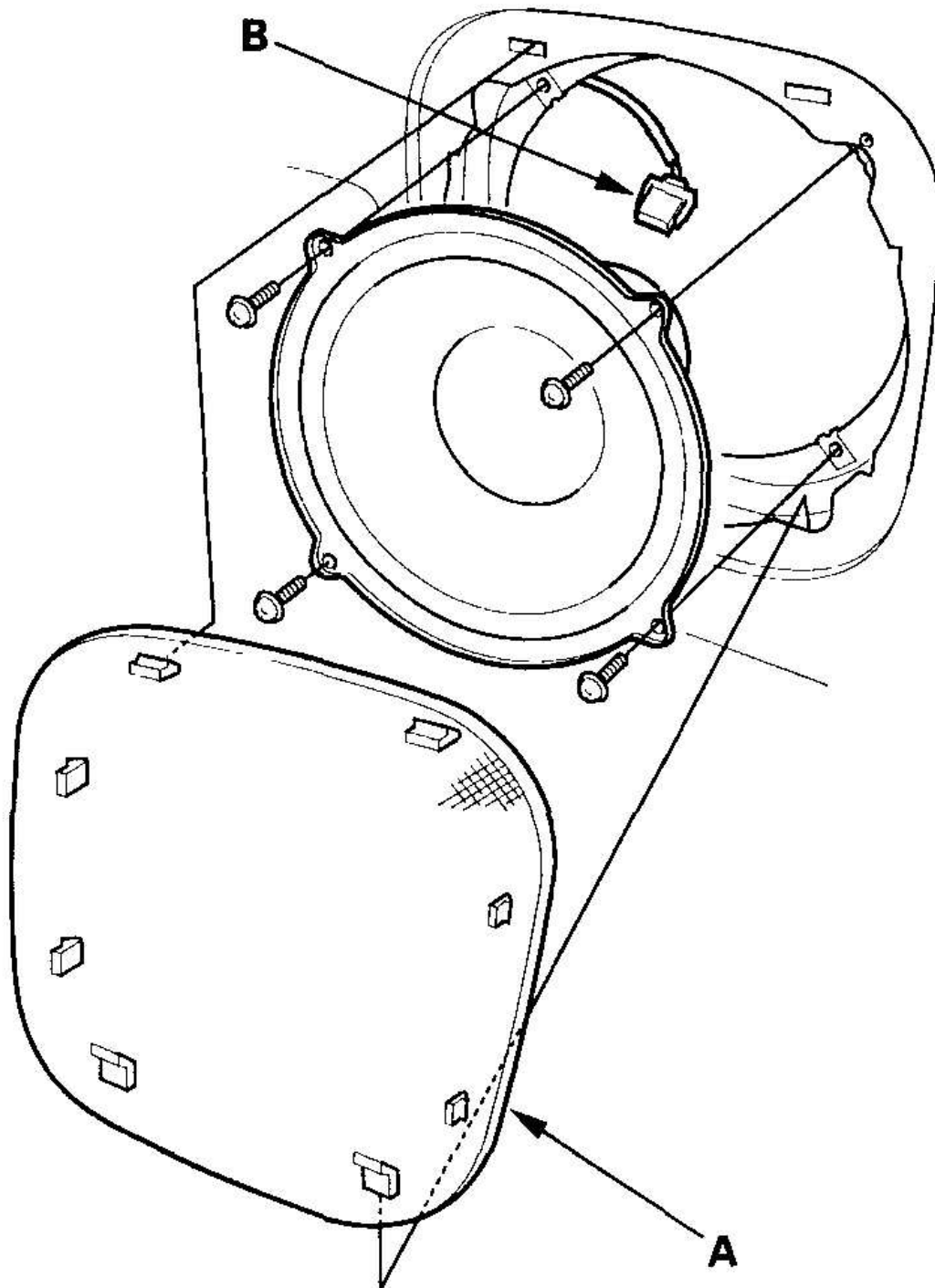
2. Remove the four mounting screws from the woofer.
3. Disconnect the 5P ('03 model) or 2P ('04-06 models) connector (B) and the woofer.
4. Install in the reverse order of removal.

WITHOUT BOSE SOUND SYSTEM

1. Remove the rear speaker grille (A).

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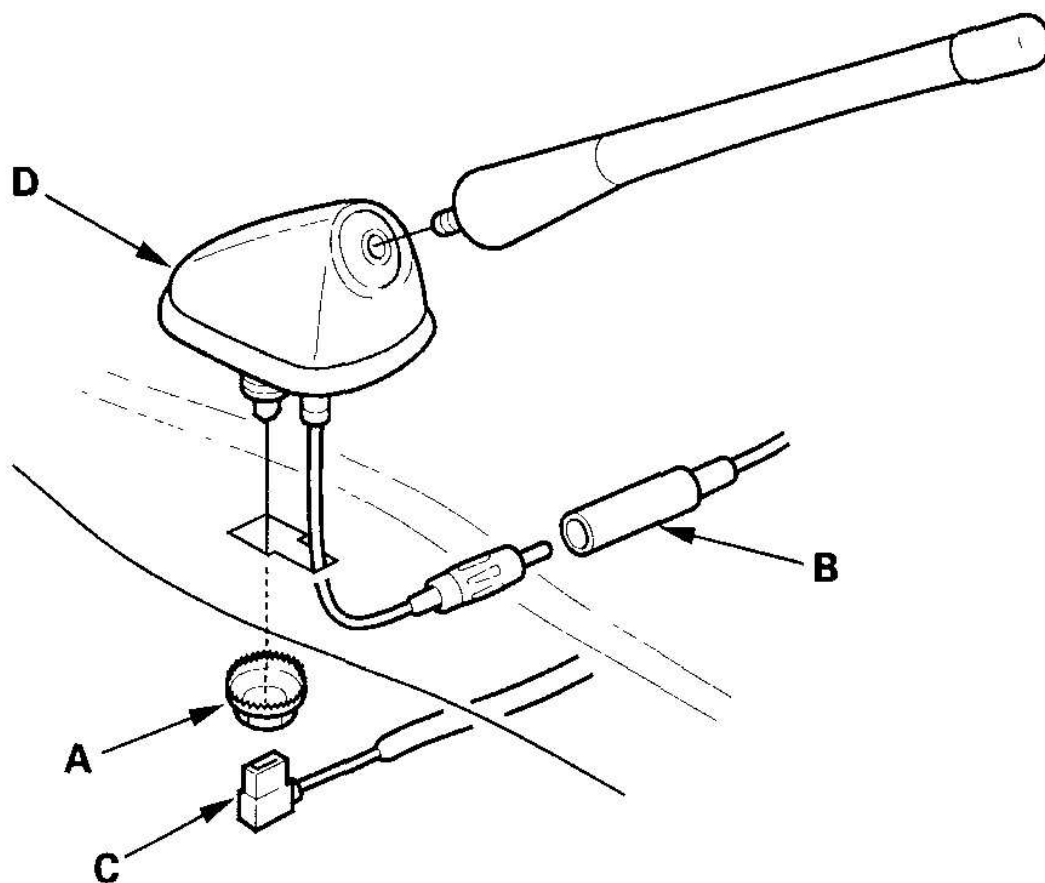
Fig. 86: Removing Rear Speaker Grille

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Remove the four mounting screws from the woofer.
3. Disconnect the 2P connector (B) and the woofer.
4. Install in the reverse order of removal.

MAST ANTENNA REPLACEMENT**WITHOUT XM RADIO**

1. Carefully pull the rear of the headliner down to access the antenna mounting nut (A) and antenna lead (B).



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Fig. 87: Pulling Rear Headliner To Access Antenna Mounting Nut And Antenna Lead

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Courtesy of AMERICAN HONDA MOTOR CO., INC.

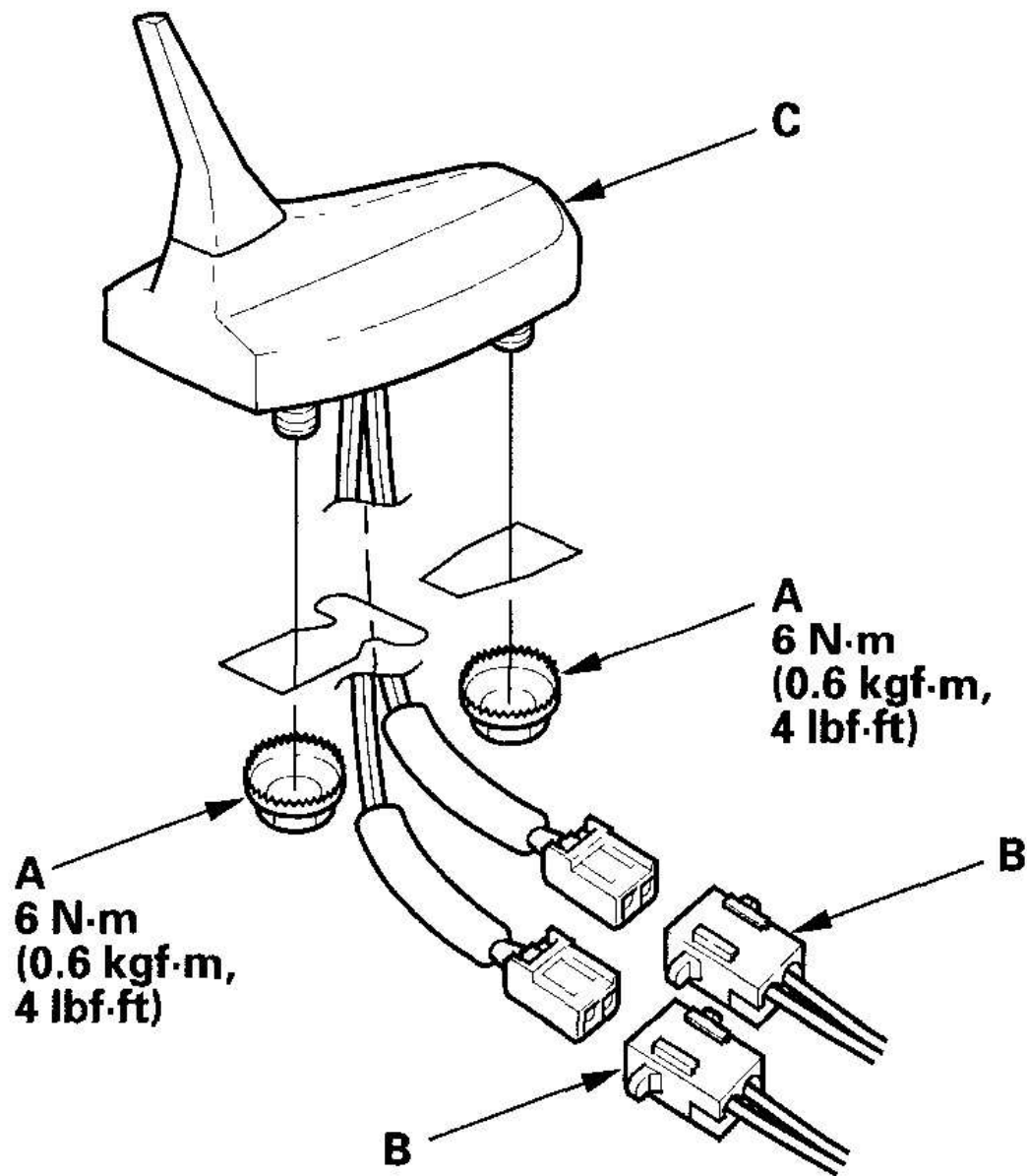
2. Disconnect the antenna lead and connector (C).
3. Remove the mounting nut, then remove the antenna mount (D).
4. Install the parts in the reverse order of removal.

XM ANTENNA/ONSTAR ANTENNA/CELLULAR PHONE ANTENNA REPLACEMENT

WITH ONSTAR

NOTE: **The OnStar antenna includes the GPS antenna for the OnStar system. This GPS antenna is not part of the Navigation system.**

1. Carefully pull the rear of the headliner down to access the antenna mounting nuts (A) and antenna lead connectors.



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Fig. 88: Pulling Rear Of Headliner To Access Antenna Mounting Nuts And Antenna Lead Connectors

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the antenna lead 2P connectors (B) from the antenna (C).
3. Remove the mounting nuts, then remove the antenna.

4. Install the parts in the reverse order of removal.

XM ANTENNA REPLACEMENT

WITHOUT ONSTAR

1. Carefully pull the rear of the headliner down to access the antenna mounting nut (A) and antenna lead connector.

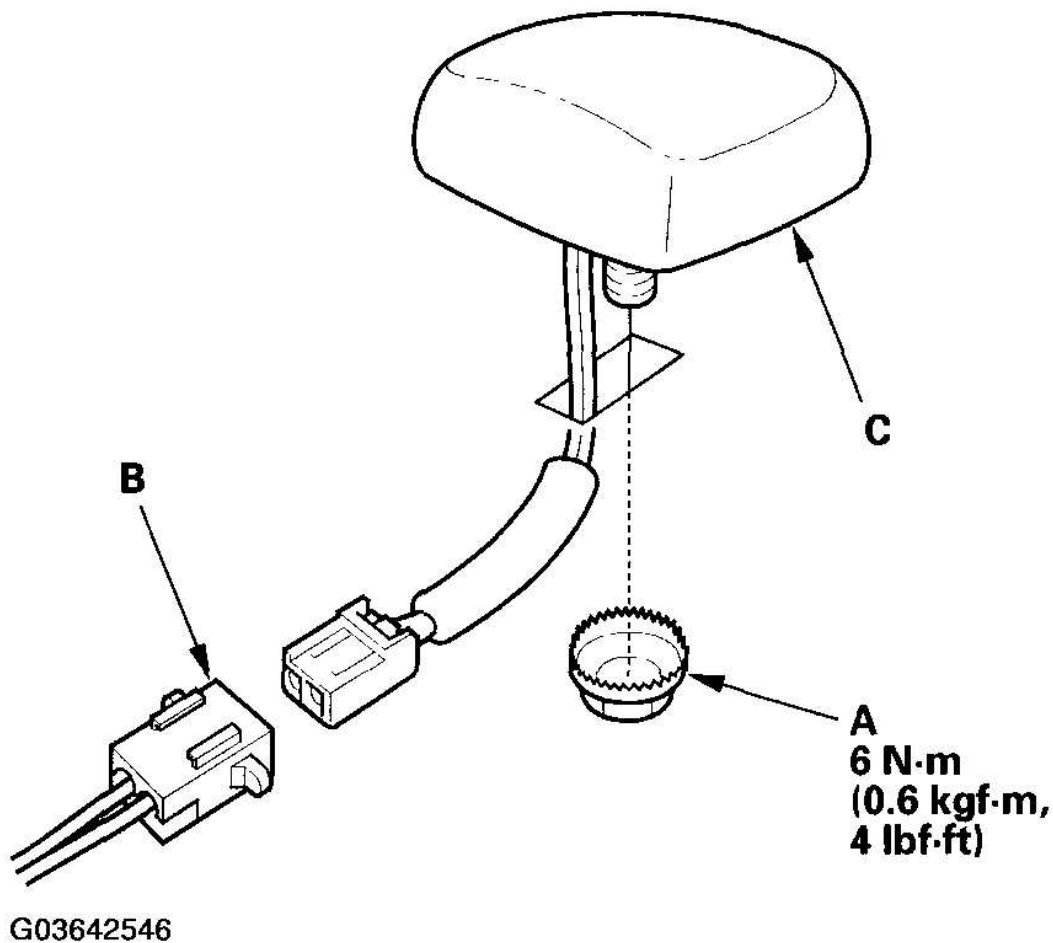


Fig. 89: Pulling Rear Headliner To Access Antenna Mounting Nut And Antenna Lead Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Disconnect the antenna lead 2P connector (B) from the antenna (C).
3. Remove the mounting nut, then remove the antenna.
4. Install the parts in the reverse order of removal.

XM RECEIVER REMOVAL/INSTALLATION

'05-06 MODELS

1. Remove the left rear side trim panel (see **TRIM REMOVAL/INSTALLATION - REAR SIDE LOWER AREA**).
2. Disconnect the antenna 2P connector (A) and 14P connector (B) from the XM receiver (C).

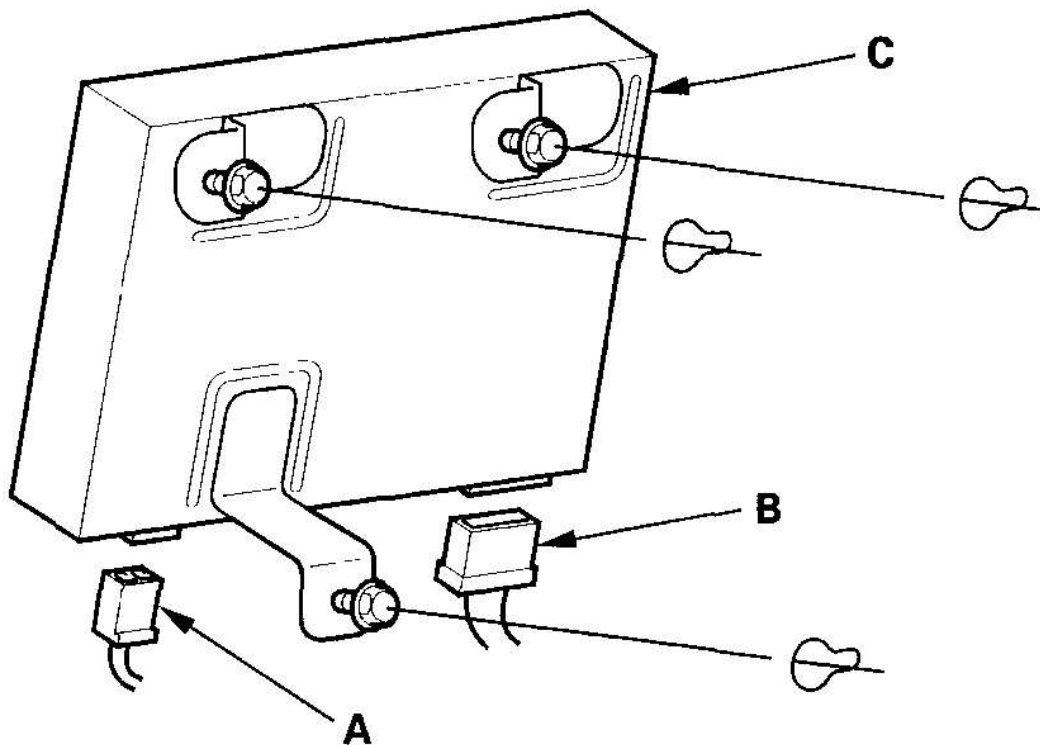


Fig. 90: Disconnecting Antenna 2P Connector And 14P Connector From XM Receiver
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Loosen the three nuts and remove the XM receiver.
4. Install in the reverse order of removal.