

# REAR ROOF SPEAKER KIT



**P/N 2882876**

## APPLICATION

Verify accessory fitment at [Polaris.com](http://Polaris.com).

## BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

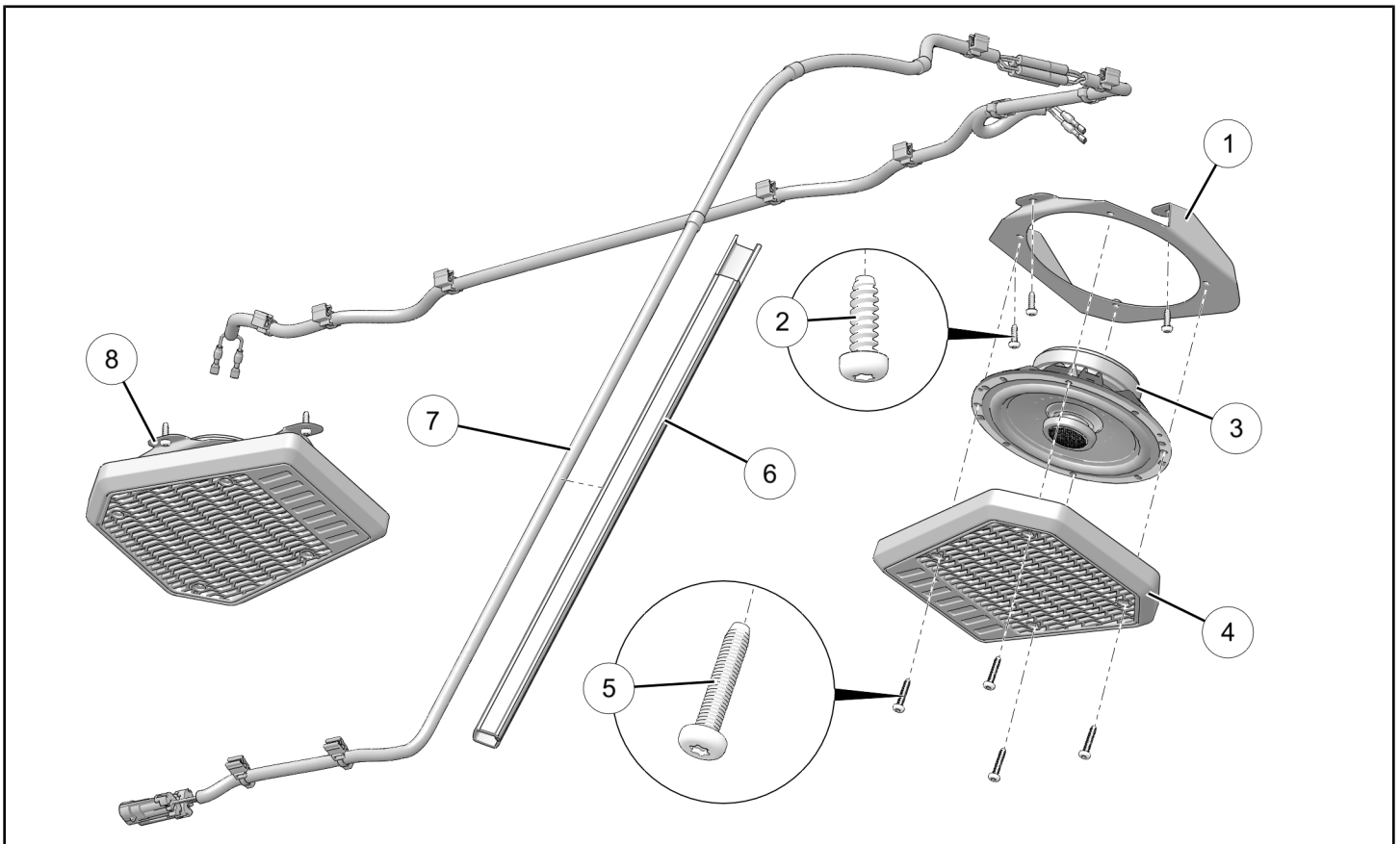
## KIT CONTENTS

This kit contains parts for installation of the rear roof speakers only. Installation of the following additional kits is also required (sold separately):

1. One of the following Roof Kits: PN 2882911 (with Roof Liner Kit 2882914), 2882912, 2882913, or equivalent
2. One of the following Audio Kits: Dash Audio Kit, PN 2882750; Visor Audio Kit, PN 2882888; or equivalent

Harness shown below in dash audio configuration; harness can also be installed in visor audio configuration.

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Bracket, Speaker, LH	5265149
2*	6	Screw, Torx® Button Head - M5 X 0.8 X 15	-
3	2	Speaker	4017465

REF	QTY	PART DESCRIPTION	PART NUMBER
4	2	Grille, Speaker	5454646
5*	8	Screw, Torx® Button Head - M5 X 0.8 X 25	-
6	1	Conduit, A-pillar	5414966
7	1	Harness, Speaker	2413970
8	1	Bracket, Speaker, RH	5265150
9	3	Clip, Edge (not shown)	7082403
	1	Instructions	9928053

Items marked (\*) are included in Hardware Kit PN 2207170.

## TOOLS REQUIRED

- Safety Glasses
- Cutting Tool
- Drill
- Drill Bit: 1/4 inch (6 mm)
- Pliers, Push Pin Rivet
- Push Dart (Panel Clip) Tool
- Screwdriver Set, Torx®
- Socket Set, Metric
- Wrench Set, Metric

## IMPORTANT

Your Rear Roof Speaker Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

## ASSEMBLY TIME

Approximately 45–60 minutes

### NOTE

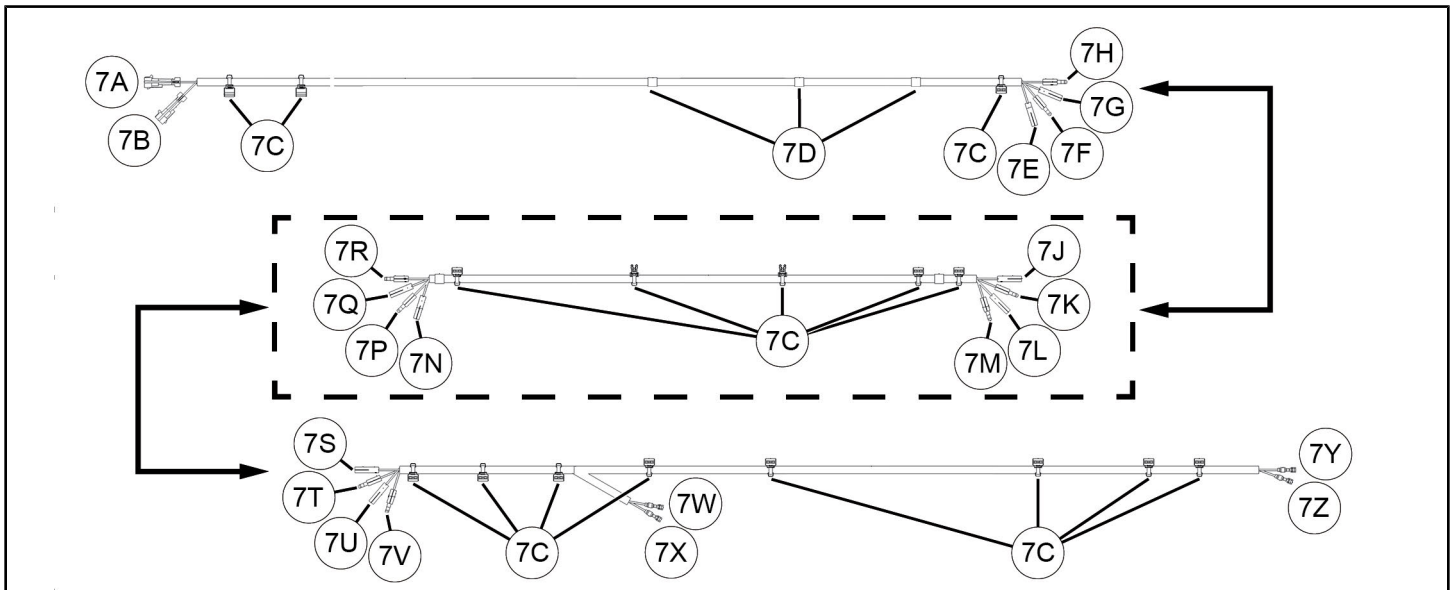
Time dependent on specific installation option chosen and accommodation of other accessories.

# HARNESS DETAIL

## SPEAKER HARNESS ⑦:

### NOTE

Crew extension harness shown in DASHED LINE BOX and connectors SHADED GRAY.



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
7A	Connector, LH Source Unit	Green*	2 male	Dash Audio Kit (PN 2882750) or Visor Audio Kit (PN 2882888)**
7B	Connector, RH Source Unit	Purple*	2 male	
7C	Clip, Edge	-	-	Vehicle structure
7D	Tape, White (3 places)	-	-	Identifies installation location for edge clip ⑨ (visor audio source unit only)
7E	Connector, Bullet, LH Positive (+)	Green	1 female	Crew: Connector 7M Non-Crew: Connector 7V
7F	Connector, Bullet, LH Negative (-)	Green/Black	1 male	Crew: Connector 7L Non-Crew: Connector 7U
7G	Connector, Bullet, RH Positive (+)	Purple	1 female	Crew: Connector 7K Non-Crew: Connector 7T
7H	Connector, Bullet, RH Negative (-)	Purple/Black	1 male	Crew: Connector 7J Non-Crew: Connector 7S
7J	Connector, Bullet, RH Negative (-)	Purple/Black	1 female	PRE-CONNECTED to 7H
7K	Connector, Bullet, RH Positive (+)	Purple	1 male	PRE-CONNECTED to 7G
7L	Connector, Bullet, LH Negative (-)	Green/Black	1 female	PRE-CONNECTED to 7F
7M	Connector, Bullet, LH Positive (+)	Green	1 male	PRE-CONNECTED to 7E
7N	Connector, Bullet, LH Positive (+)	Green	1 female	PRE-CONNECTED to 7V
7P	Connector, Bullet, LH Negative (-)	Green/Black	1 male	PRE-CONNECTED to 7U
7Q	Connector, Bullet, RH Positive (+)	Purple	1 female	PRE-CONNECTED to 7T

REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
7R	Connector, Bullet, RH Negative (-)	Purple/Black	1 male	PRE-CONNECTED to 7S
7S	Connector, Bullet, RH Negative (-)	Purple/Black	1 female	Crew: Connector 7R Non-Crew: Connector 7H
7T	Connector, Bullet, RH Positive (+)	Purple	1 male	Crew: Connector 7Q Non-Crew: Connector 7G
7U	Connector, Bullet, LH Negative (-)	Green/Black	1 female	Crew: Connector 7P Non-Crew: Connector 7F
7V	Connector, Bullet, LH Positive (+)	Green	1 male	Crew: Connector 7N Non-Crew: Connector 7E
7W	Terminal, Spade (3/16 inch), LH Speaker	Green	1 female	Speaker ③, positive (+) terminal
7X	Terminal, Spade (1/8 inch), LH Speaker	Green/Black	1 female	Speaker ③, negative (-) terminal
7Y	Terminal, Spade (3/16 inch), RH Speaker	Purple	1 female	Speaker ③, positive (+) terminal
7Z	Terminal, Spade (1/8 inch), RH Speaker	Purple/Black	1 female	Speaker ③, negative (-) terminal

\* With or without black stripe.

\*\* Or compatible kit.

## INSTALLATION INSTRUCTIONS

Two different installation procedures are provided: **DASH AUDIO SOURCE UNIT**, and **VISOR AUDIO SOURCE UNIT**. Choose the appropriate procedure based on the location of your source unit.

### DASH AUDIO SOURCE UNIT

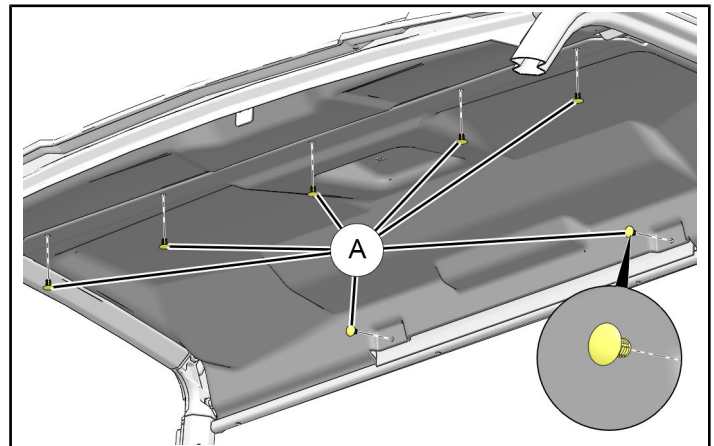
- Shift vehicle transmission into "PARK". Turn ignition switch to "OFF" position and remove key.
- Flip up passenger seat bottom, remove driver's seat and underseat storage compartment, then disconnect black negative (-) cable from battery.

- Gain access.
  - Remove rear roof liner (if installed).

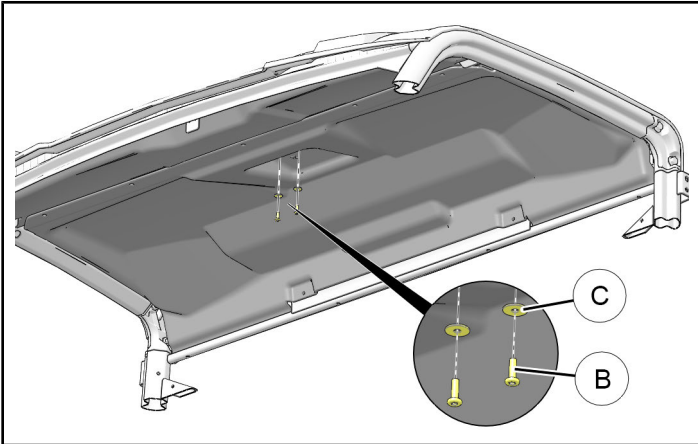
#### NOTE

Front roof liner can remain installed.

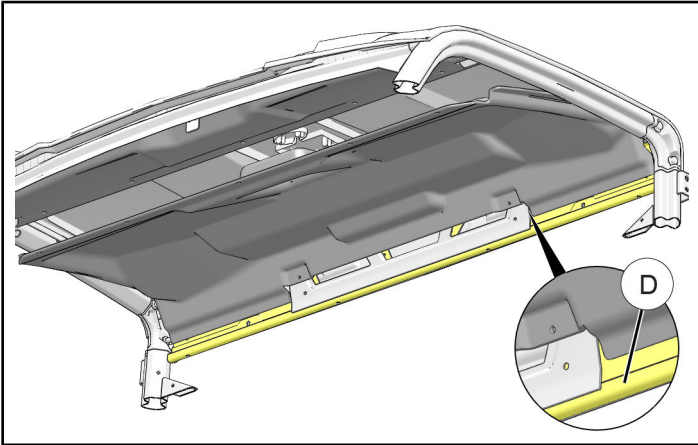
- Remove seven push darts **A**, two from rear edge and five from front edge. Retain push darts.



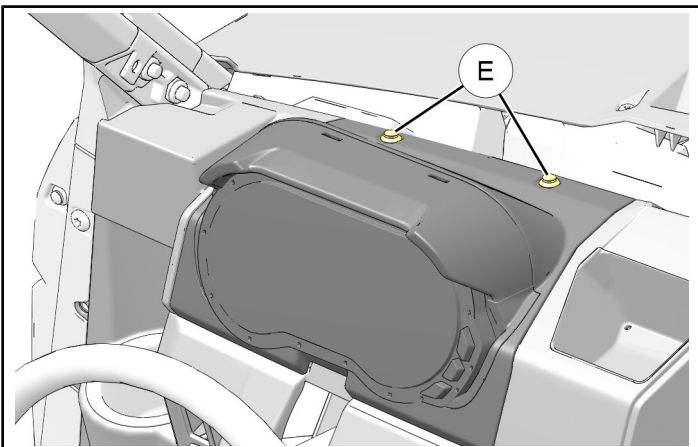
- ii. If overhead light is installed against liner, remove it. Otherwise, remove two each screws **(B)** and washers **(C)**. Retain hardware.



- iii. Carefully pull LH and RH edges of liner from between ROPS and roof seal, then remove rear edge of liner from roof support channel **(D)**. Set liner aside.



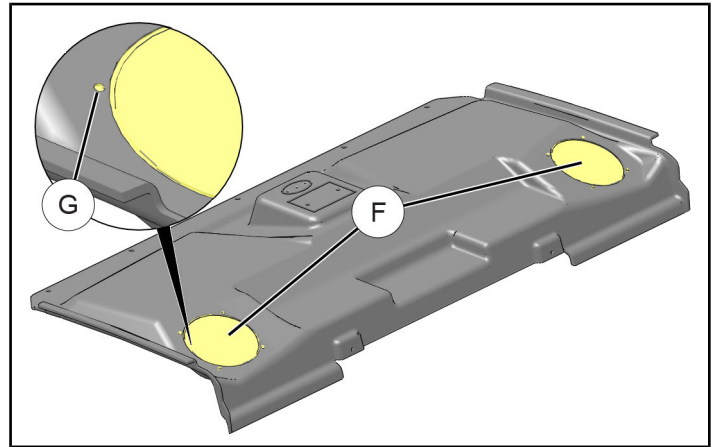
- b. Tilt steering wheel to full down position. Detach instrument cluster hood by removing two push pin rivets **(E)**, then slide hood (with instrument cluster) rearward. Disconnect instrument cluster wiring harness. Retain rivets.



- 4. Cut two speaker holes **(F)** in rear roof liner at marked locations.

**NOTE**

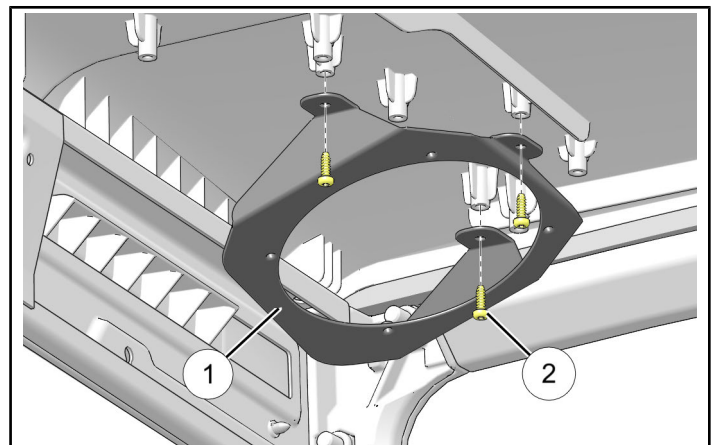
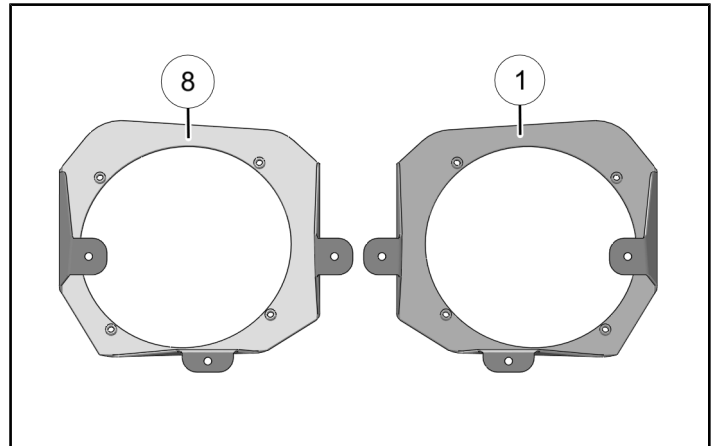
Non-crew rear liner shown; crew liner similar.



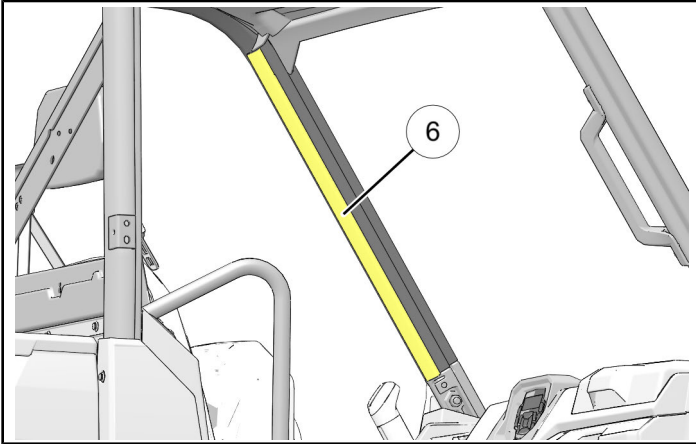
- 5. Drill eight 1/4 inch (6 mm) fastener holes **(G)** in rear roof liner at marked locations. Set liner aside.
- 6. Install LH speaker bracket **(1)** to roof panel using three 15 mm screws **(2)**. Do not overtighten screws. Repeat for RH speaker bracket **(8)**.

**NOTE**

View looking at upper surface of brackets.



7. Install A-pillar conduit ⑥ by cleaning installation surface as required, peel adhesive backing from conduit, then press firmly into place.



8. If installing rear speakers in a CREW vehicle, then proceed to Step 9.

If installing rear speakers in a NON-CREW vehicle, then detach crew extension harness as follows:

**NOTE**

See previous section, **HARNES DETAIL**, for connector identification.

- Detach crew extension harness bullet connectors 7J through 7M from mating connectors 7E through 7H.
- Detach crew extension harness bullet connectors 7N through 7R from mating connectors 7S through 7V.
- Join bullet connectors 7E through 7H to mating bullet connectors 7S through 7V, **MATCHING WIRE COLORS** as shown below. Crew extension harness not used.

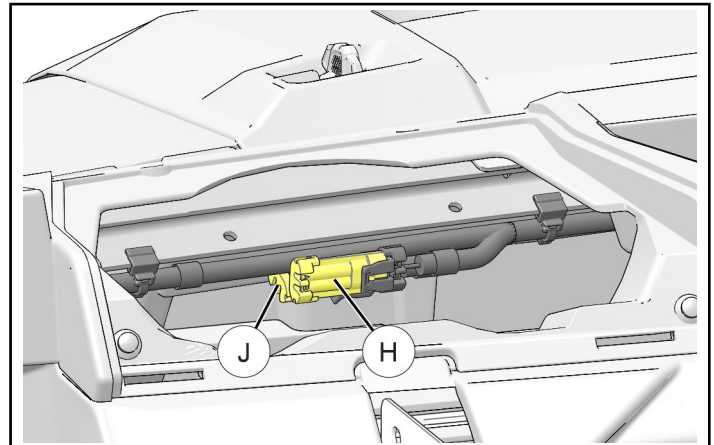
SPEAKER	POLARITY	WIRE COLOR
LEFT	Positive (+)	Green
LEFT	Negative (-)	Green/Black
RIGHT	Positive (+)	Purple
RIGHT	Negative (-)	Purple/Black

9. Route harness.

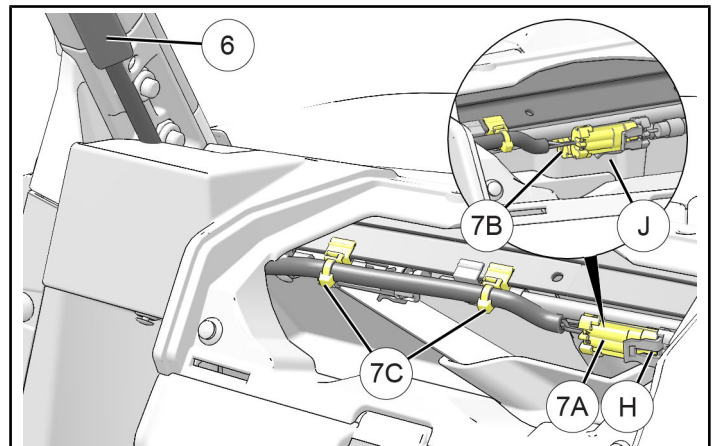
**NOTE**

See previous section, **HARNES DETAIL**, for connector identification.  
Non-crew routing shown; crew routing similar.  
Steering wheel hidden for clarity.

- Reaching through instrument cluster opening, carefully remove tape securing dash audio **LH SPEAKER** connector ⑨, and **RH SPEAKER** connector ⑩. Remove caps from connectors.

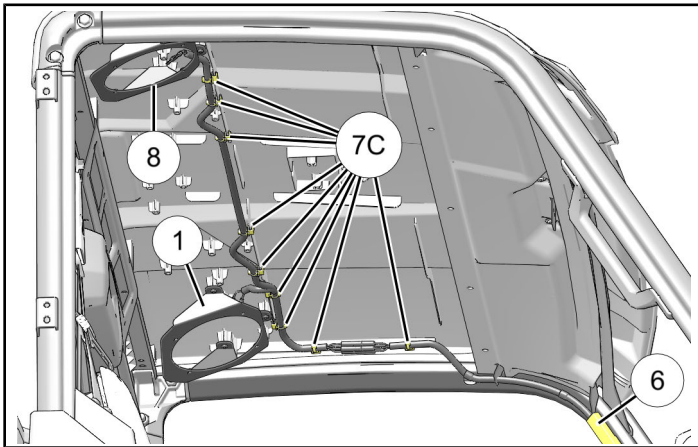


- Route source unit connectors 7A and 7B on harness ⑦ down through opening between base of A-pillar and upper dash, then towards instrument cluster opening.

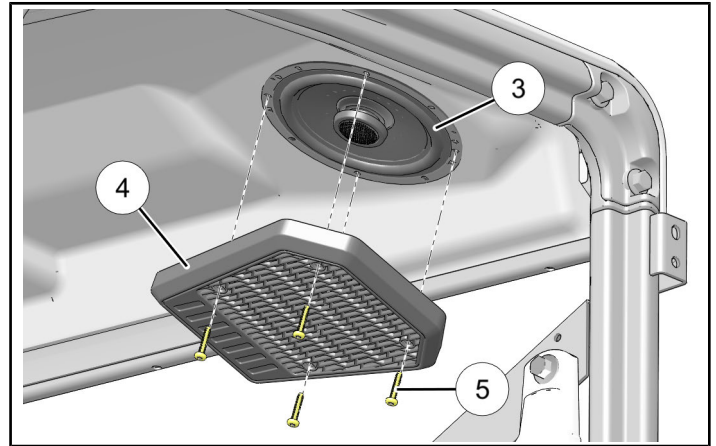


- Join LH source unit connector 7A (**GREEN** wires) to **LH SPEAKER** connector ⑨.
- Join RH source unit connector 7B (**PURPLE** wires) to **RH SPEAKER** connector ⑩.
- Secure harness ⑦ to front dash support bracket using two edge clips 7C.

- f. Route opposite end of harness ⑦ up A-pillar conduit ⑥, rearward along ROPS, then across lower surface of roof towards speaker brackets ① and ⑧. Secure harness to roof using nine edge clips 7C (plus five additional edge clips if installing crew extension).



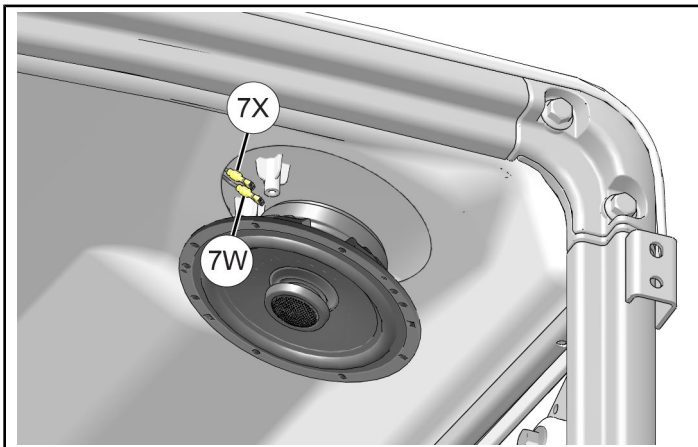
- c. While holding speaker ③ against roof liner, install speaker AND grille ④ to bracket using four 25 mm screws ⑤.



10. Reinstall rear roof liner. See Step 3a for detail.

11. Install speakers.

- a. Join connector 7W (3/16 inch spade) on speaker harness ⑦ to positive (+) terminal on speaker ③.



- b. Join connector 7X (1/8 inch spade) on speaker harness ⑦ to negative (-) terminal on speaker ③.

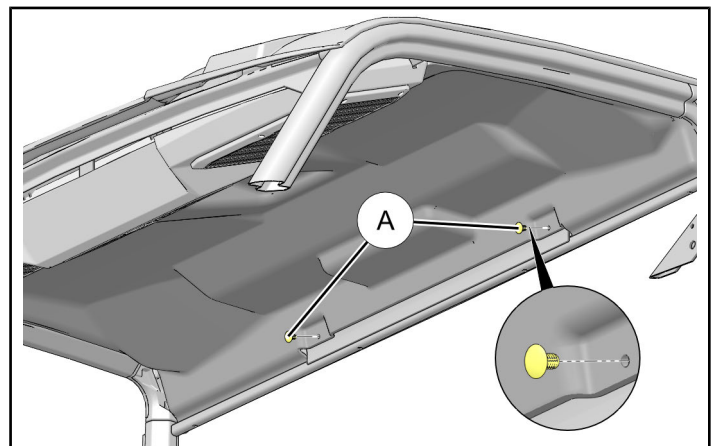
- d. Repeat Steps a-c for speaker ③ on RH side of vehicle using connectors 7Y and 7Z.
- Connector 7Y (3/16 inch spade) to positive (+) terminal on speaker
  - Connector 7Z (1/8 inch spade) to negative (-) terminal on speaker

12. Reinstall instrument cluster hood. See Step 3b.

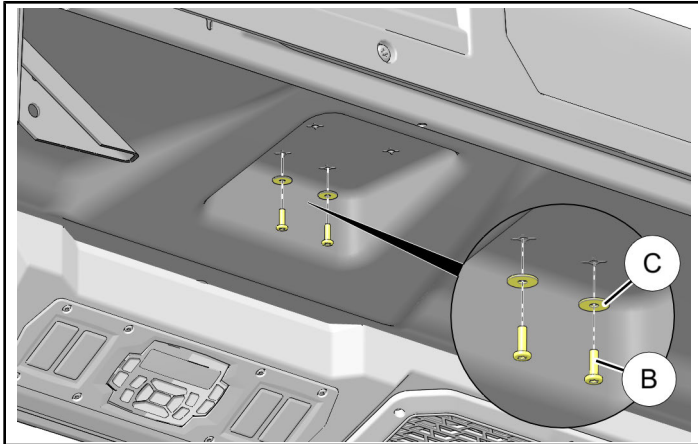
13. Reconnect black negative (-) cable to battery, then reinstall under-seat storage compartment and driver's seat.

## VISOR AUDIO SOURCE UNIT

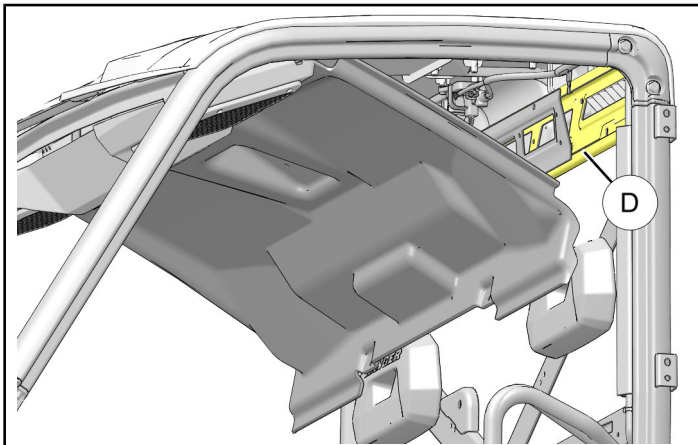
- Shift vehicle transmission into "PARK". Turn ignition switch to "OFF" position and remove key.
- Gain access.
  - Remove rear roof liner (if installed).
    - Remove two push darts (A) from rear edge of liner. Retain push darts.



- ii. If overhead light is installed against liner, remove it. Otherwise, remove two each screws **(B)** and washers **(C)**. Retain hardware.



- iii. Carefully remove rear edge of liner from roof support channel **(D)**, then pull LH and RH edges of liner from between ROPS and roof seal. Slip liner out from above visor audio and set aside.

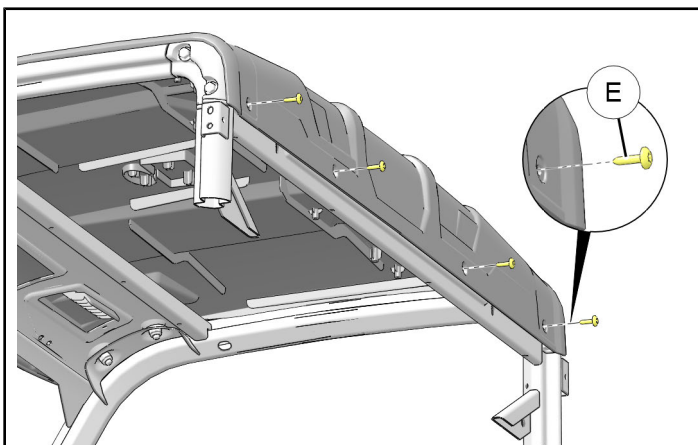


- b. Remove roof.

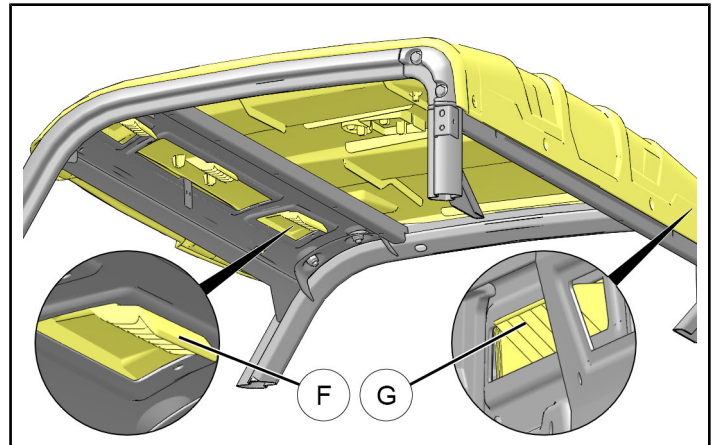
**NOTE**

Visor audio not shown for clarity.

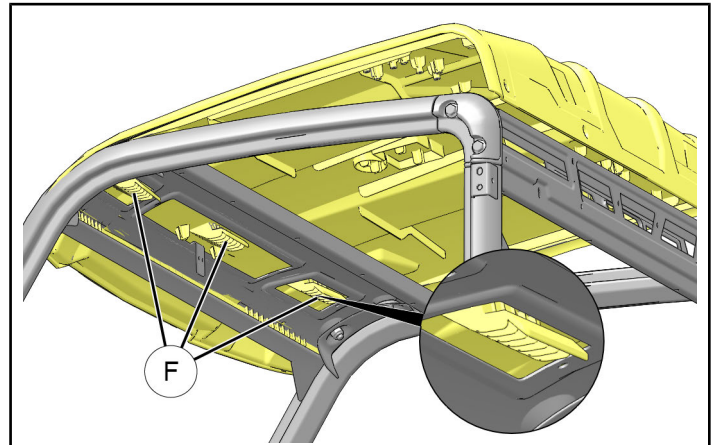
- i. Remove four screws **(E)** from rear edge of roof panel. Retain screws.



- ii. Observe how roof panel is locked to ROPS at three front hooks **(F)** and two rear hooks **(G)**. Slightly flex rear edge of roof panel to unlock rear hooks from B-pillar cross member, then lift roof above cross-member.



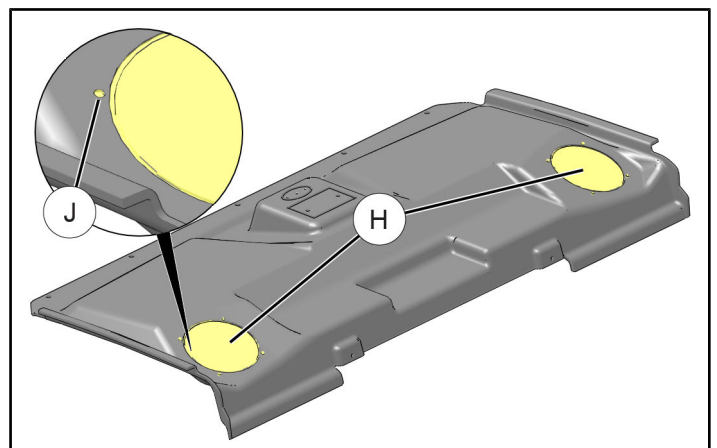
- iii. Slide roof panel forward until three front hooks **(F)** unlock from ROPS visor, then lift roof from ROPS and set aside.



- 3. Cut two speaker holes **(H)** in rear roof liner at marked locations.

**NOTE**

Non-crew rear liner shown; crew liner similar.





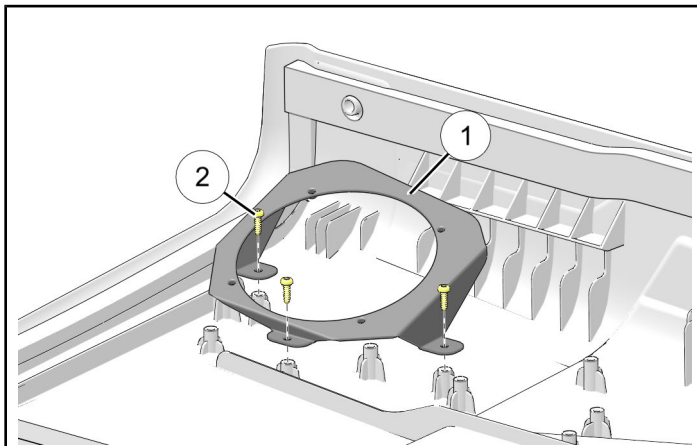
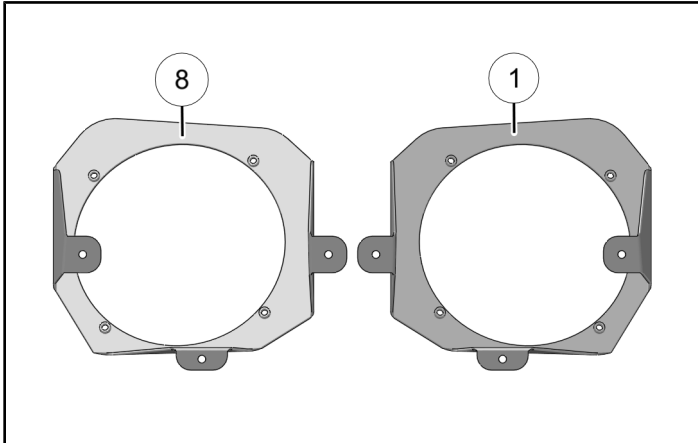
4. Drill eight 1/4 inch (6 mm) fastener holes ① in rear roof liner at marked locations. Set liner aside on a clean, soft surface.
5. Install LH speaker bracket ① to roof panel using three 15 mm screws ②. Do not overtighten screws. Repeat for RH speaker bracket ⑧.

- c. Join bullet connectors 7E through 7H to mating bullet connectors 7S through 7V, **MATCHING WIRE COLORS** as shown below. Crew extension harness not used.

SPEAKER	POLARITY	WIRE COLOR
LEFT	Positive (+)	Green
LEFT	Negative (-)	Green/Black
RIGHT	Positive (+)	Purple
RIGHT	Negative (-)	Purple/Black

**NOTE**

View looking at upper surface of brackets.



6. If installing rear speakers in a CREW vehicle, then proceed to Step 7.

If installing rear speakers in a NON-CREW vehicle, then detach crew extension harness as follows:

**NOTE**

See previous section, **HARNES DETAIL**, for connector identification.

- a. Detach crew extension harness bullet connectors 7J through 7M from mating connectors 7E through 7H.
- b. Detach crew extension harness bullet connectors 7N through 7R from mating connectors 7S through 7V.

7. Route harness.

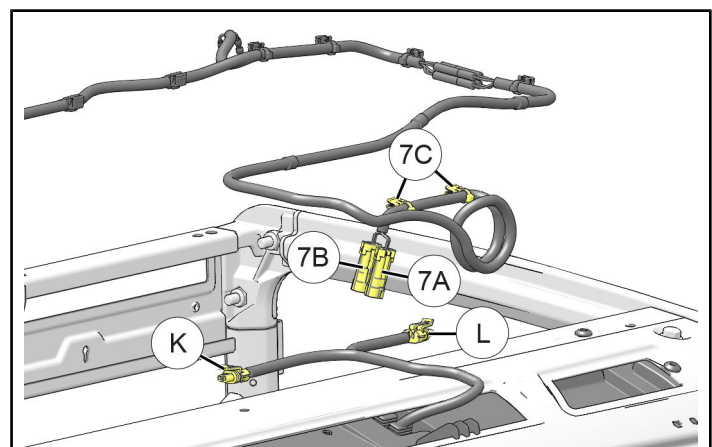
**NOTE**

See previous section, **HARNES DETAIL**, for connector identification.  
Non-crew routing shown; crew routing similar.  
Conduit ⑥ not used in this application.

- a. Identify **RH SPEAKER** connector ⑫ and **LH SPEAKER** connector ⑬ above (and coming from) visor audio unit. Remove caps from connectors (if installed).

**NOTE**

Splitter harnesses come pre-attached to connectors ⑫ and ⑬ (not shown).  
Splitter harnesses enable audio signal distribution to **BOTH** this Roof Speaker Kit AND Door Speaker Kit (PN 2882889, sold separately).



b. Connect visor audio to speakers.

**IF ROOF AND DOOR SPEAKERS ARE BEING INSTALLED:**

Leave splitter harnesses in place. Join connectors as follows:

ROOF SPEAKER	DOOR SPEAKER	SPLITTER HARNESS
Join LH roof connector 7A ( <b>GREEN</b> wires)	and LH door connector ( <b>WHITE</b> wires)	to LH splitter ( <b>WHITE</b> wires)*
Join RH roof connector 7B ( <b>PURPLE</b> wires)	and RH door connector ( <b>GRAY</b> wires)	to RH splitter ( <b>GRAY</b> wires)**

\* Opposite end of splitter pre-connected to LH visor audio connector ①

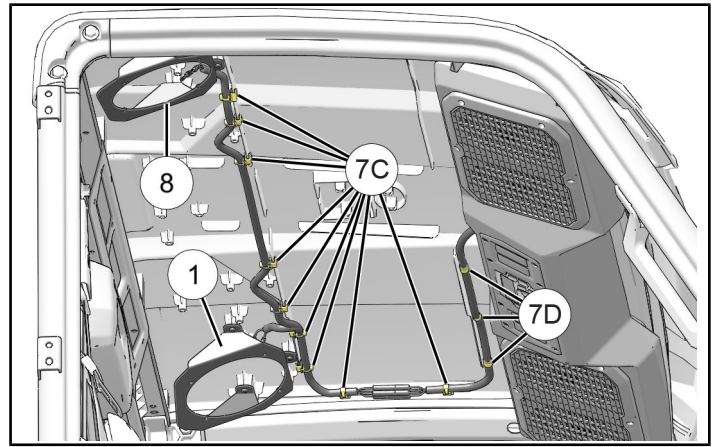
\*\* Opposite end of splitter pre-connected to RH visor audio connector ⑫

**IF ONLY ROOF SPEAKERS ARE BEING INSTALLED:**

Splitter harnesses can be removed. Join connectors as follows:

- i. LH connector 7A (**GREEN** wires) to LH visor audio connector ①
- ii. RH connector 7B (**PURPLE** wires) to RH visor audio connector ⑫

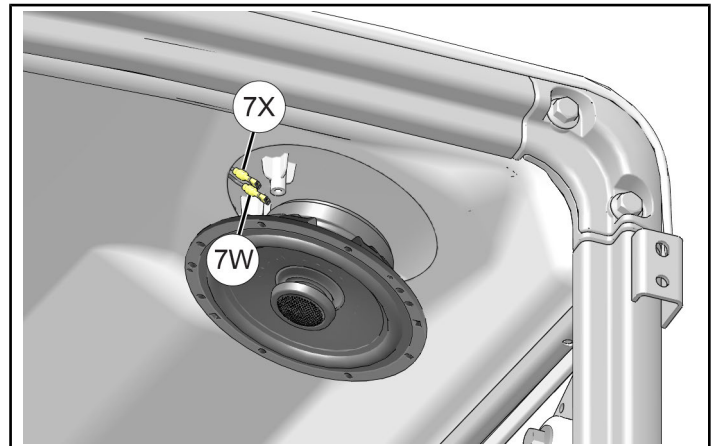
- c. Secure harness ⑦ to rear edge of center visor cutout using two edge clips 7C.
- d. Reinstall roof. See Step 2b for detail. Do not reinstall rear roof liner at this time.



8. Reinstall rear roof liner. See Step 2a for detail.

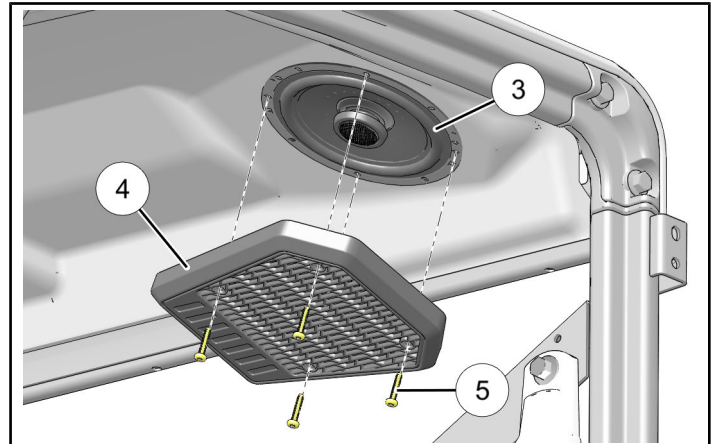
9. Install speakers.

- a. Join connector 7W (3/16 inch spade) on speaker harness ⑦ to positive (+) terminal on speaker ③.



- b. Join connector 7X (1/8 inch spade) on speaker harness ⑦ to negative (-) terminal on speaker ③.

- c. While holding speaker ③ against roof liner, install speaker and grille ④ using four 25 mm screws ⑤.



**IMPORTANT**

Ensure harnesses are not pinched and do not contact sharp edges.

- e. Route opposite end of harness ⑦ outboard towards LH A-pillar, rearward along ROPS, then across lower surface of roof towards speaker brackets ① and ⑧.

Secure harness to roof as follows:

- i. Three edge clips ⑨ at white tape locations 7D
- ii. Nine edge clips 7C (plus five additional edge clips if installing crew extension).

- d. Repeat Steps a-c for speaker ③ on RH side of vehicle using connectors 7Y and 7Z.
  - i. Connector 7Y (3/16 inch spade) to positive (+) terminal on speaker
  - ii. Connector 7Z (1/8 inch spade) to negative (-) terminal on speaker

## FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR code or by clicking [HERE](#) if viewing on a PC.

