

# SUBWOOFER KIT



P/N 2883857

## IMPORTANT

Due to the technical nature of this kit, Polaris® insists this installation be performed by a certified Polaris® Technician.

## APPLICATION

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

## BEFORE YOU BEGIN

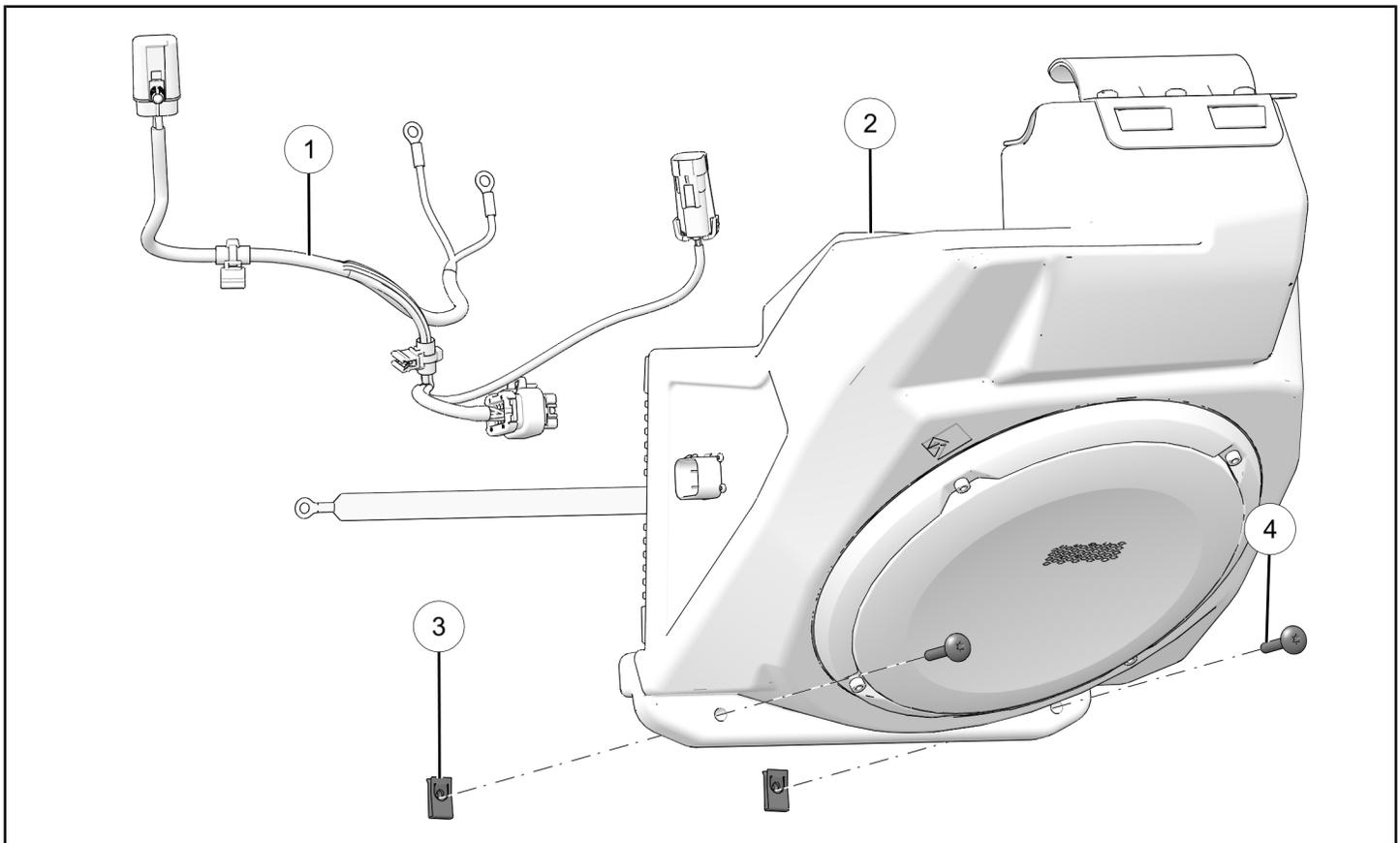
Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

## REQUIRED SOLD SEPARATELY

Only parts for installation of the Subwoofer Kit are included. Prior installation of the following additional kits are also required (sold separately):

- *PMX Audio by Rockford Fosgate® Kit*, P/N 2883964  
or *Ride Command™ Mount Kit*, P/N 2884073 and *Ride Command™ Display Kit*, P/N 2884072
- *Base Audio Kit*, P/N 2883943

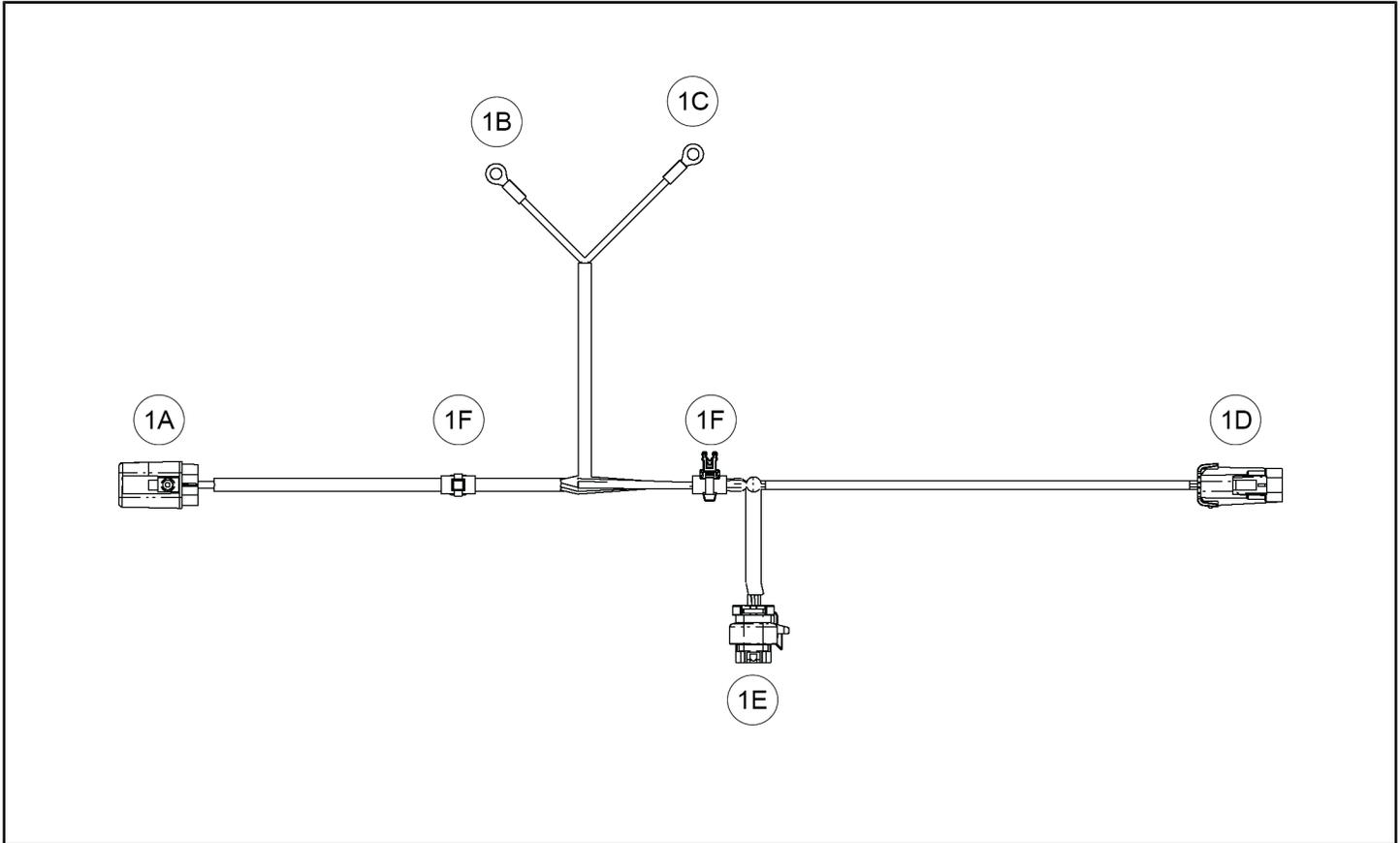
## KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Harness–Audio, Sub Woofer	2415250
2	1	Assembly–Enclosed, Speaker, Sub Woofer	n/a
3	2	Clip–U, Speed Nut	7081305
4	2	Screw–Torx®, M6 x 1.0 mm x 40 mm	7519001
5	1	Screw–Torx® Truss Head, M6 x 1.0 mm x 25 mm	7519650

## HARNESS DETAIL

### SUBWOOFER AUDIO HARNESS, P/N 2415250



REF	PART DESCRIPTION	PIN QTY/ GENDER	CONNECTS TO
1A	Relay/Fuse Block	n/a	Vehicle structure
1B	Ring Terminal–Positive	n/a	Terminal Post–Positive, Polaris Pulse™
1C	Ring Terminal–Negative	n/a	Terminal Post–Negative, Polaris Pulse™
1D	Connector, Source Unit	4 Pin Male	<i>PMX Audio by Rockford Fosgate® Kit, P/N 2883964</i> <i>Ride Command® Mount Kit, P/N 2884073</i> OEM audio harness

REF	PART DESCRIPTION	PIN QTY/ GENDER	CONNECTS TO
1E	Connector, Audio Amp, Subwoofer	14 Pin Female	②: Assembly–Enclosed, Speaker, Sub Woofer
1F	Clip, Routing	n/a	Vehicle structure

## TOOLS REQUIRED

- Safety Glasses
- Pliers, Push Pin Rivet
- Screwdriver Set, Torx®
- Socket Set, Torx® Bit
- Torque Wrench

## IMPORTANT

Your Subwoofer 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.

## INSTALLATION INSTRUCTIONS

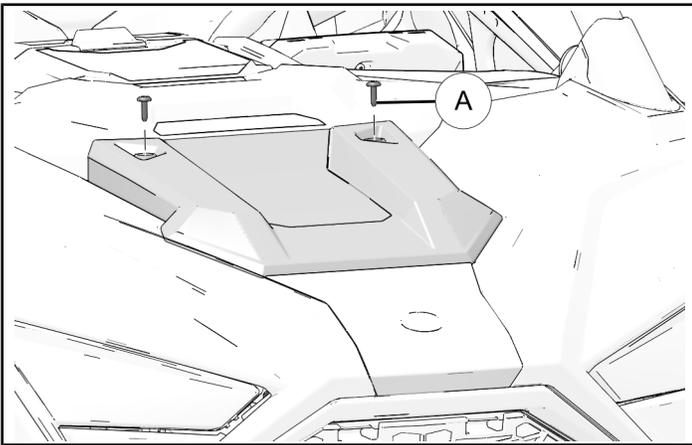
### VEHICLE PREPARATION

#### GENERAL

1. Shift vehicle transmission into PARK. Turn key to OFF position and remove from vehicle.

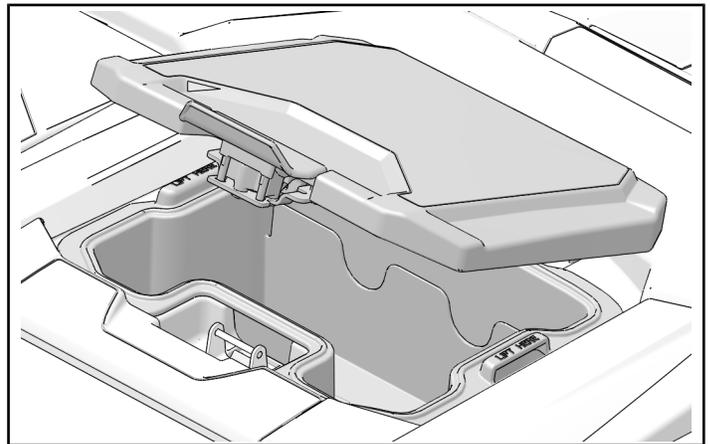
#### CENTER HOOD PANEL REMOVAL

1. Remove and retain two hood fasteners **A**. Slide hood towards rear of vehicle to remove.



#### DASHBOARD STORAGE REMOVAL

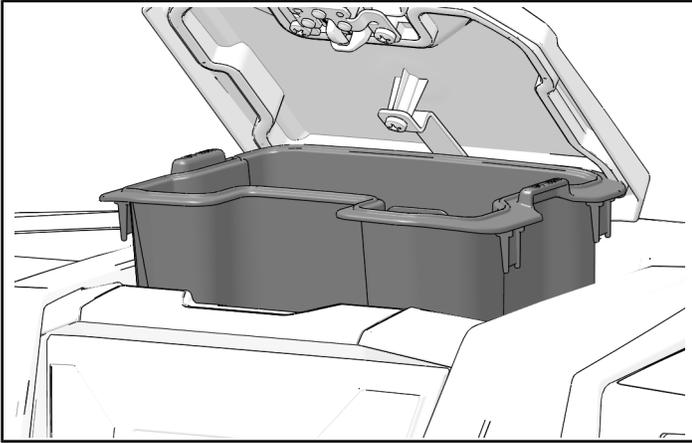
1. Open center dashboard storage compartment.



- Remove storage compartment from dashboard.

**TIP**

If removing storage compartment is difficult, carefully use tool to pry storage compartment upwards where marked "LIFT HERE."

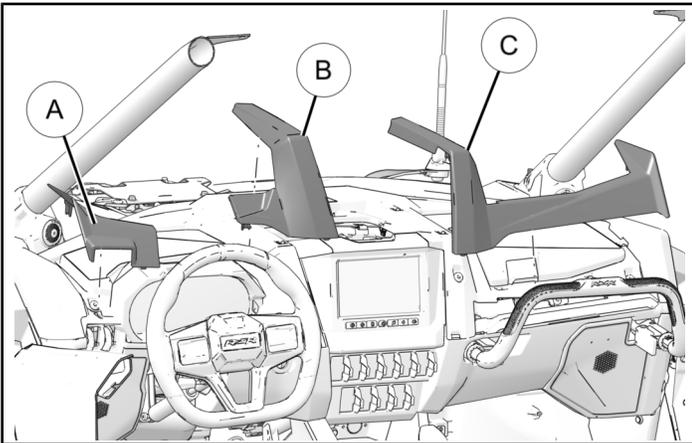


**DASHBOARD TOP REMOVAL**

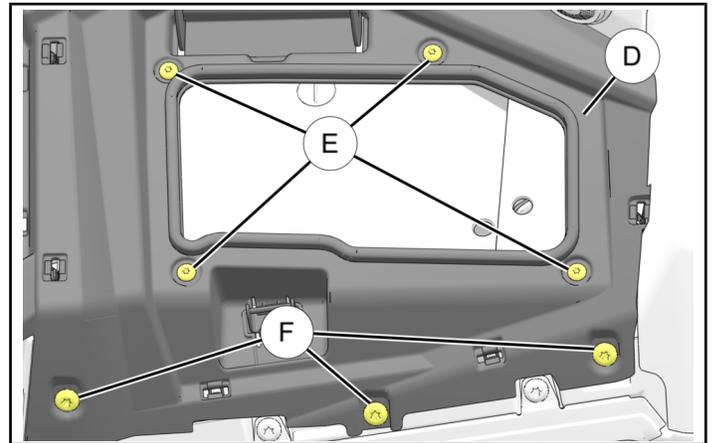
- Carefully pull up to remove and retain left (A), center (B), and right (C) dash trim pieces.

**TIP**

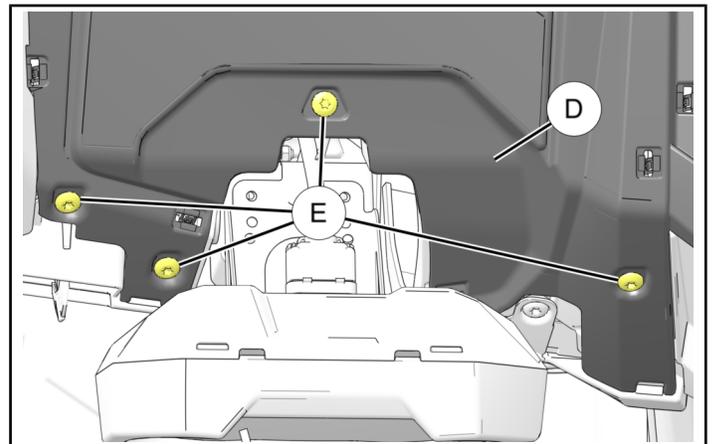
Release steering tilt lock for better access.



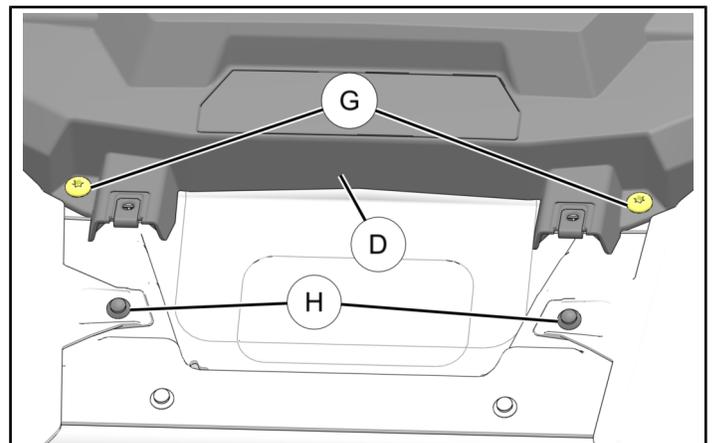
- Open glove box lid. Remove and retain four screws (E) around glove box opening and three screws (F) from front of dashboard top (D). Make note of different screw sizes.



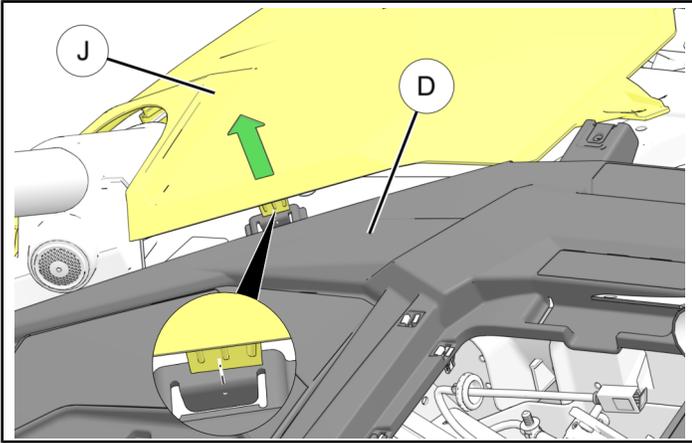
- Tilt steering wheel down. Remove and retain four screws (E) from dashboard top (D).



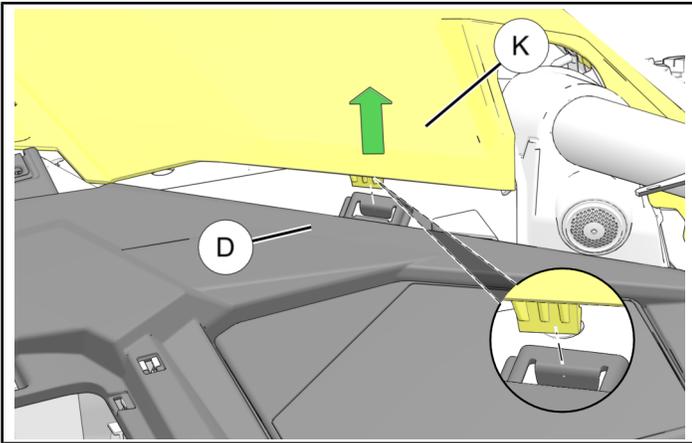
- On front of vehicle, near rear edge of center hood panel opening, remove and retain two screws (G) from dashboard top (D). Remove and retain two pushpin rivets (H) from front side panels.



- Carefully lift edge of left front fender (J) to release tab from dashboard top (D) as shown.



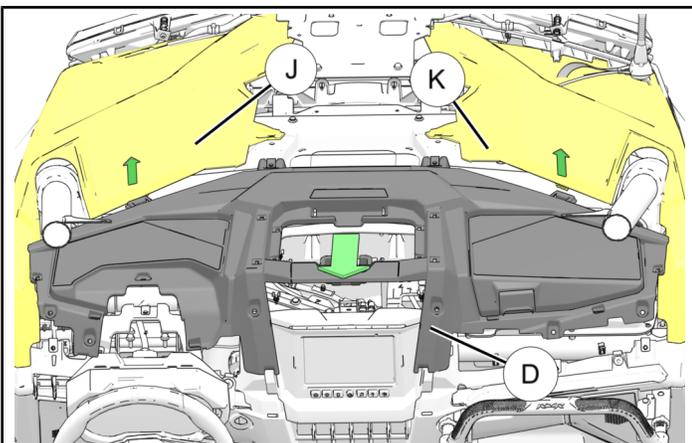
- Carefully lift edge of right front fender (K) to release tab from dashboard top (D) as shown.



- Carefully keep panels (J) and (K) up and away from tabs and remove dashboard top (D) by tilting rear section up and pulling out toward rear.

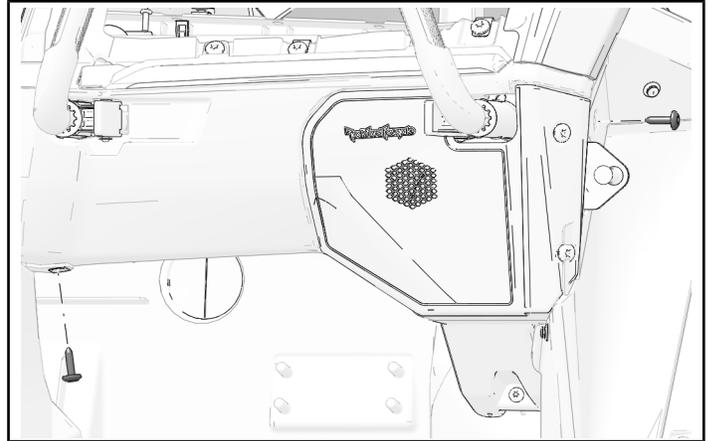
**TIP**

Have a second person to hold panels up.



**RIGHT-HAND DASHBOARD DISASSEMBLY**

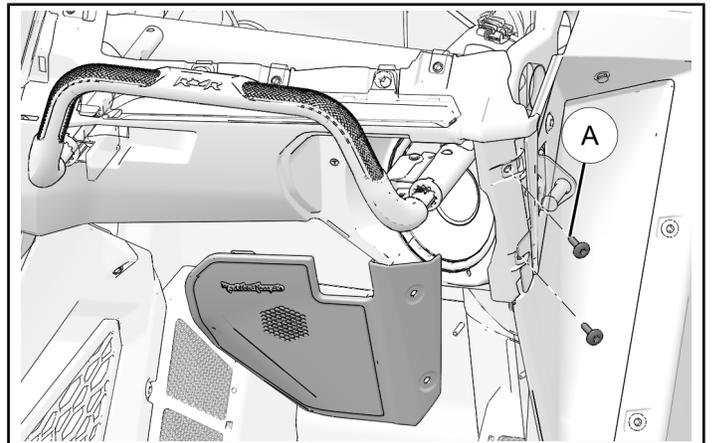
- Remove and retain two dashboard panel fasteners.



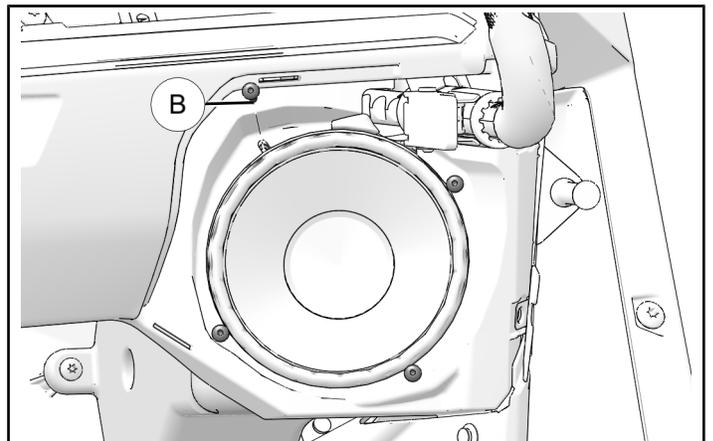
**ACCESSORY INSTALLATION**

**RIGHT-HAND DRIVER SPEAKER REMOVAL**

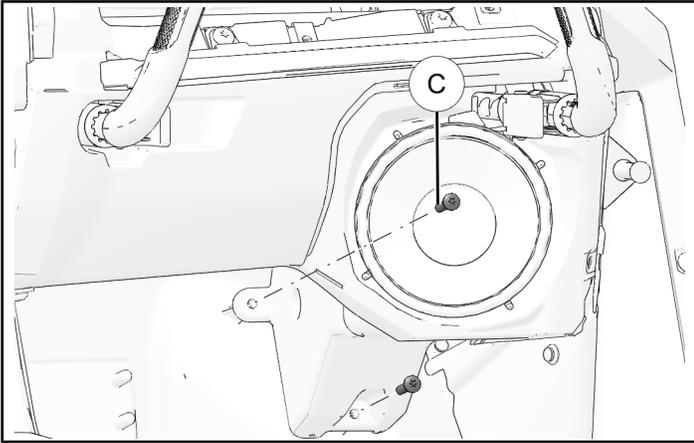
- Disconnect right-hand driver speaker.
- Remove and retain two speaker grille fasteners (A). Remove and retain speaker grille.



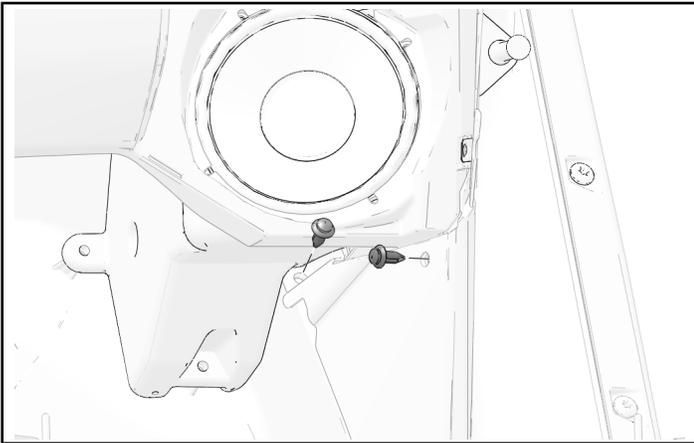
- Remove and retain four fasteners (B) to uninstall speaker from dashboard panel.



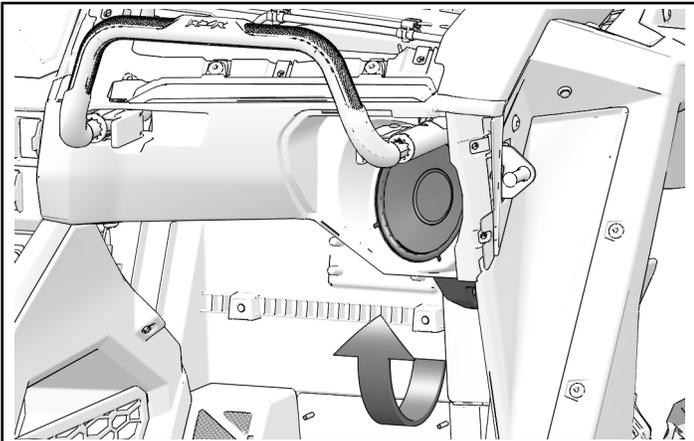
4. Remove and retain two speaker fasteners ③.



5. Remove and retain two push-pin rivets to ease speaker removal.

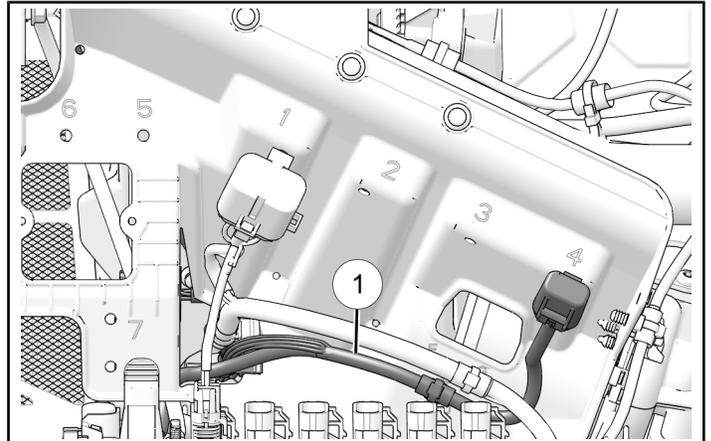


6. Maneuver speaker out from under dashboard. Carefully set aside for reinstallation.

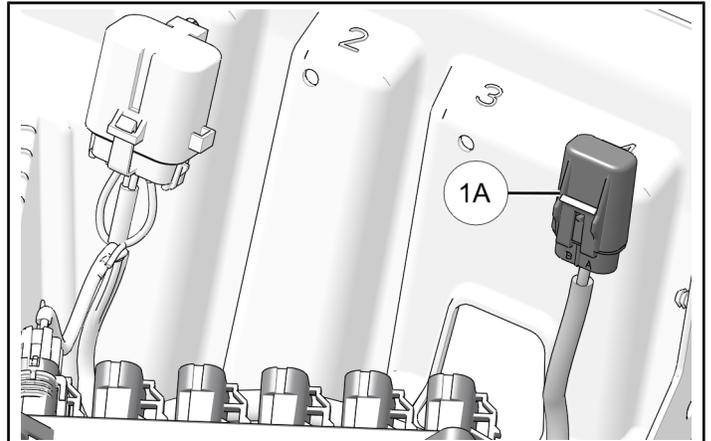


## SUBWOOFER HARNESS ROUTING

1. Place subwoofer harness ① in accessory mounting tray. Route connector 1D and 1E downwards, towards floor panel.



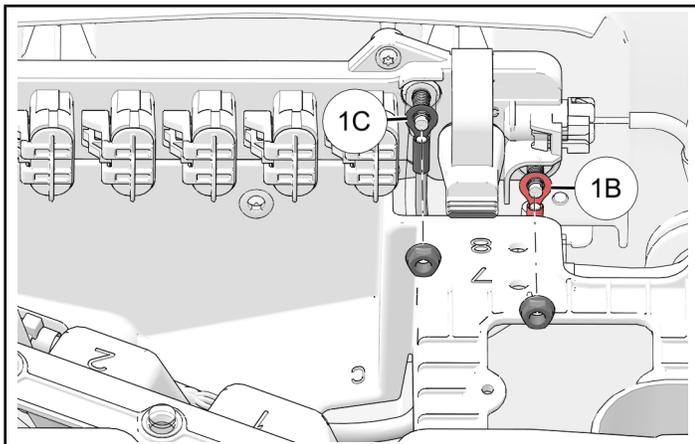
2. Install fuse relay 1A onto accessory mounting panel at location marked 4.



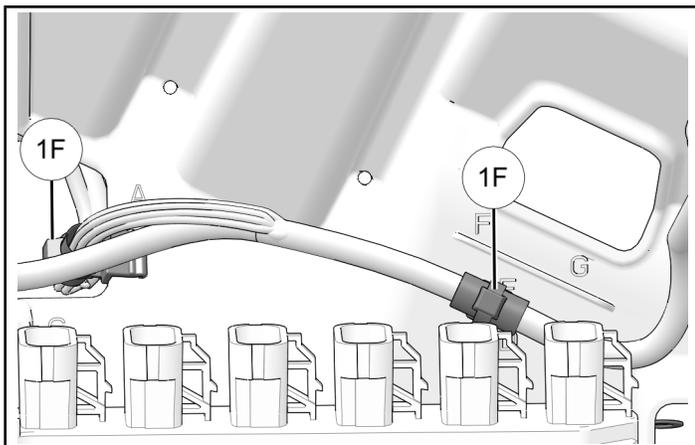
- Remove two nuts from Polaris Pulse™ bar. Place **NEGATIVE** terminal ring 1C onto **NEGATIVE** terminal and reinstall nut. Place **POSITIVE** terminal ring 1B onto **POSITIVE** terminal and reinstall nut.

### TORQUE

Terminal Block Nuts:  
**44 in-lbs (5 N·m)**



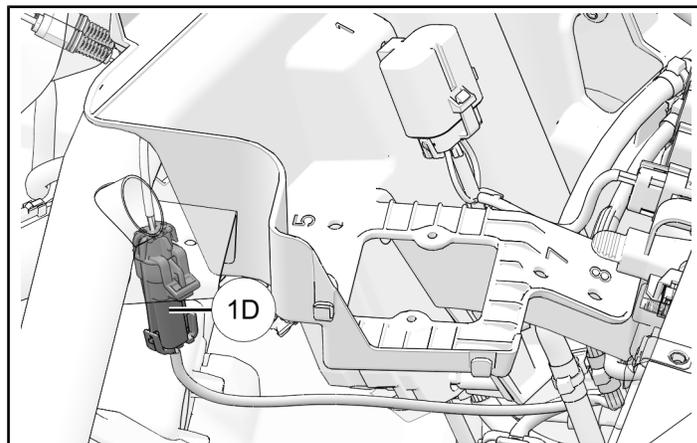
- Secure harness routing to accessory mounting panel with two edge clips 1F, as shown.



- Join source unit connector 1D to chassis harness (or audio accessory harness) connector.

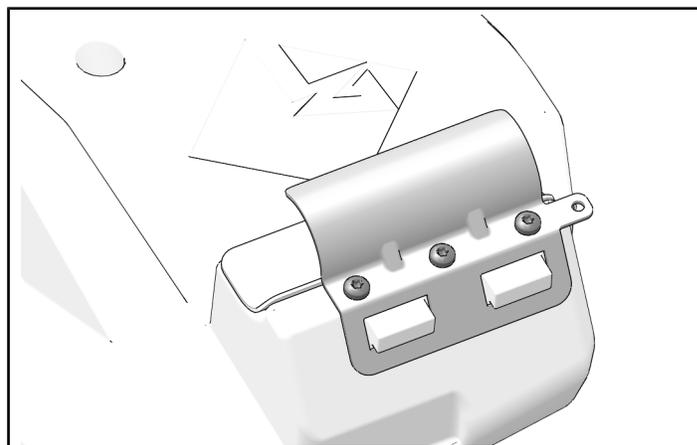
### TIP

Chassis/accessory audio harness is hidden beneath accessory mounting panel.

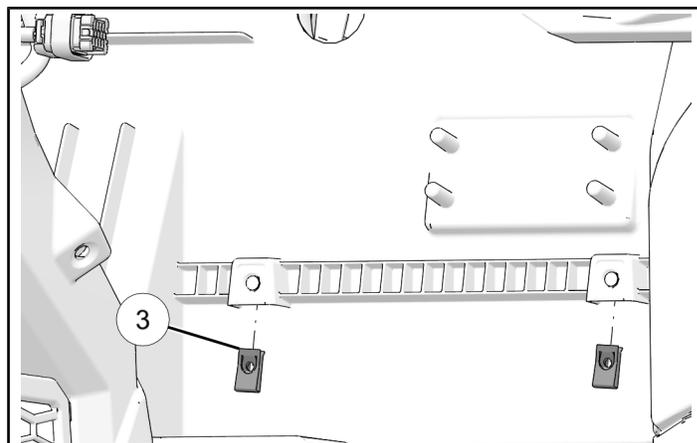


### SUBWOOFER INSTALLATION

- Remove and retain bracket screws on subwoofer assembly



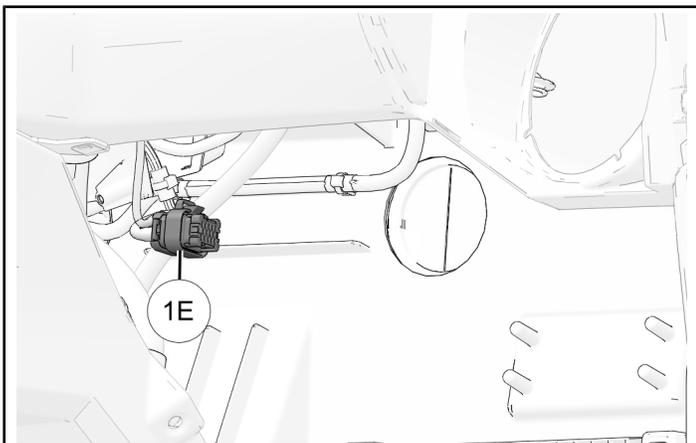
- Install two U-clips ③ onto front cab panel.



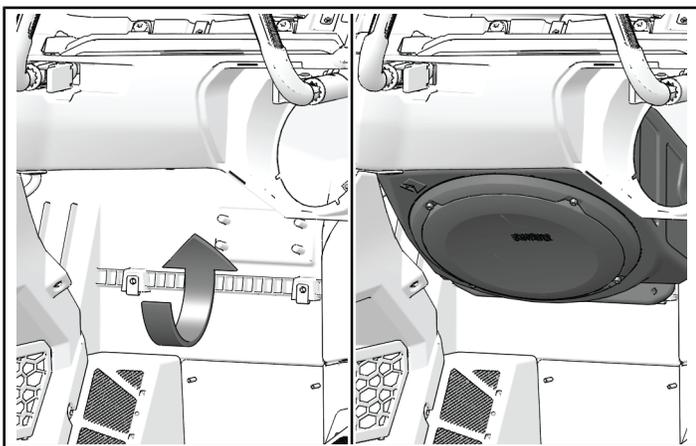
3. Position subwoofer near dashboard and plug subwoofer connector 1E into subwoofer assembly.

**TIP**

Route subwoofer connector 1E through accessory mounting panel.



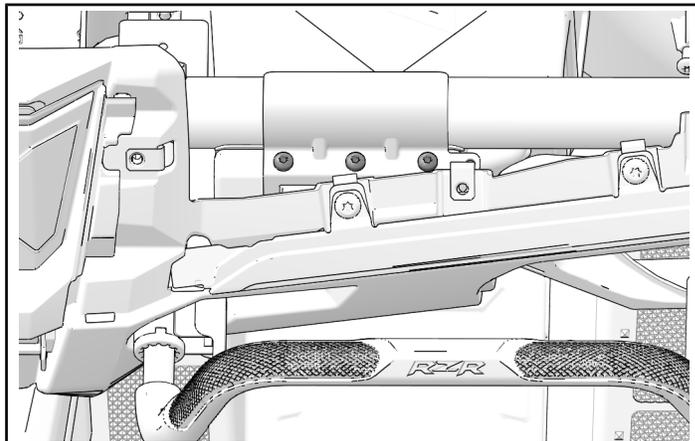
4. Rotate subwoofer assembly 90°, with rear of subwoofer directed towards center of vehicle, and begin positioning subwoofer beneath dashboard.



5. Reinstall subwoofer bracket to subwoofer, ensuring bracket hooks onto vehicle frame. Tighten subwoofer bracket fasteners to specification.

**TORQUE**

Subwoofer Bracket Fasteners:  
**89 in-lbs (10 N·m)**



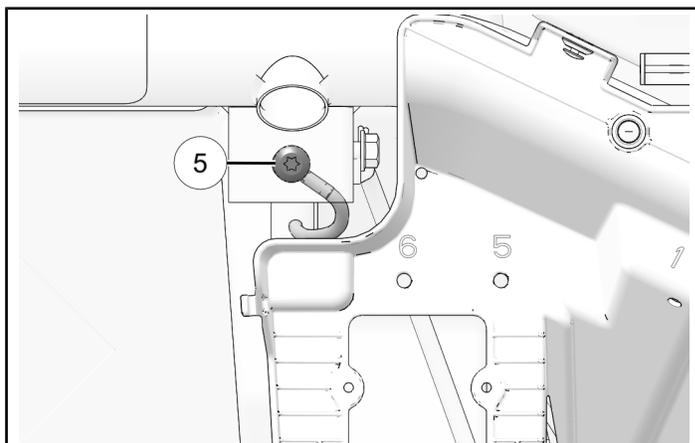
6. Remove ground terminal fastener ⑤ and reinstall with subwoofer ground terminal attached.

**NOTE**

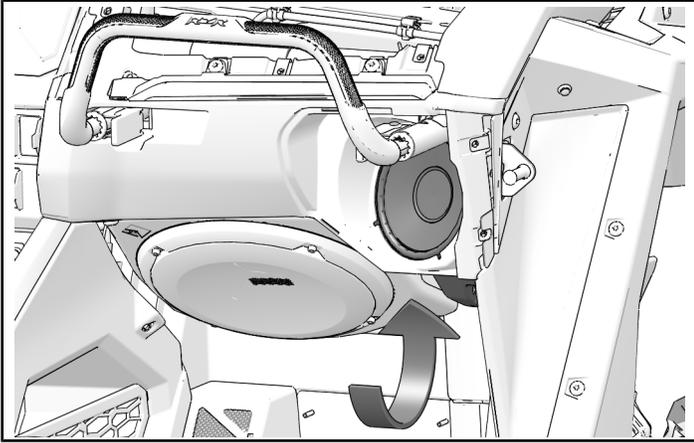
Ensure grounding cable is not pinched behind subwoofer and is routed upwards to accessory mounting panel.

**TORQUE**

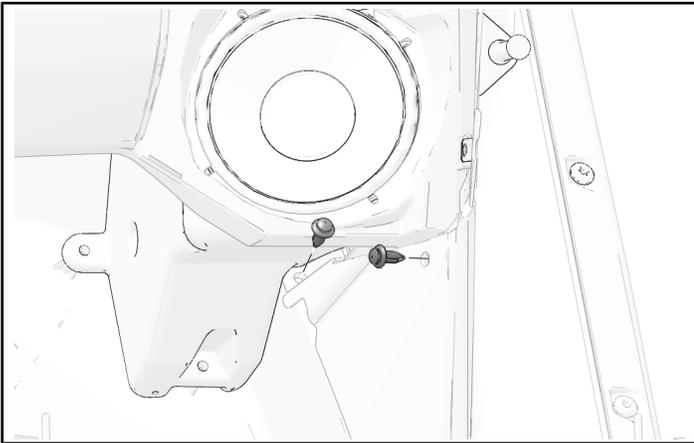
Ground Terminal Fastener ⑤:  
**89 in-lbs (10 N·m)**



7. Tilt right-hand driver assembly up-and-into installed position. Ensure driver cable routes upwards into under-dashboard.



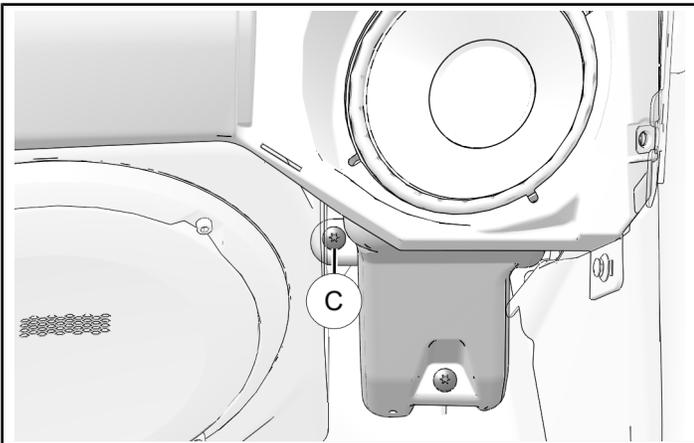
8. Reinstall two push-pin rivets.



9. Install right-hand speaker with two retained speaker fasteners ③.

**TORQUE**

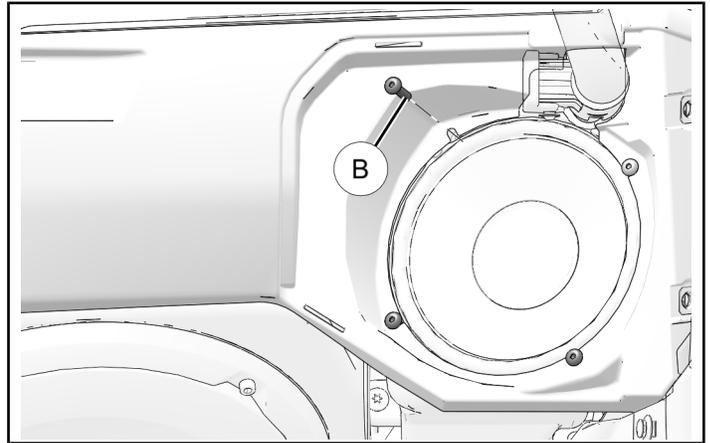
Right-Hand Speaker Fasteners ③:  
**89 in-lbs (10 N·m)**



10. Install speaker to dashboard panel with four fasteners ⑨.

**TORQUE**

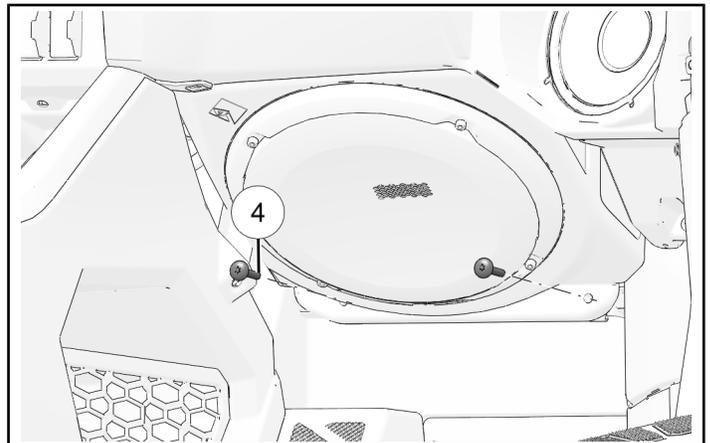
Driver Fasteners ⑨ (dashboard to speaker):  
**36 in-lbs (4 N·m)**



11. Install bottom of subwoofer with two mounting fasteners ④.

**TORQUE**

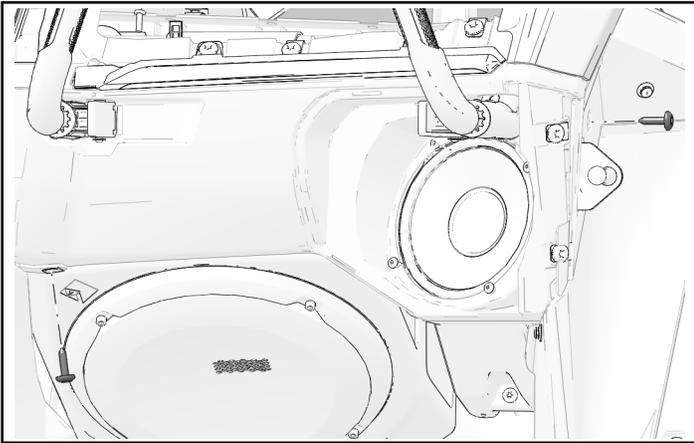
Subwoofer Mounting Fasteners ④:  
**89 in-lbs (10 N·m)**



12. Reinstall two dashboard panel fasteners.

### TORQUE

Dashboard Panel Fasteners:  
**89 in-lbs (10 N·m)**

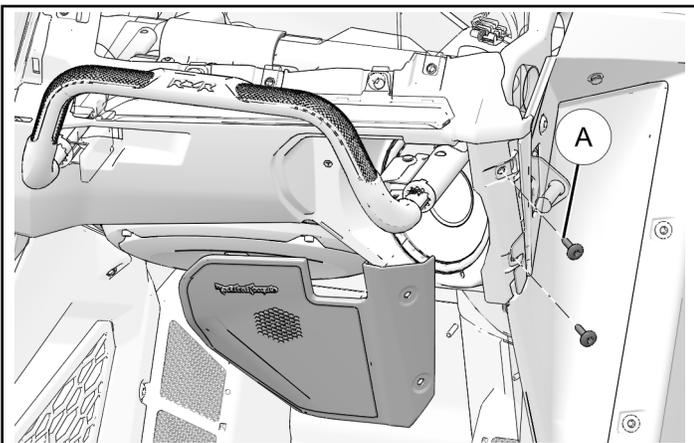


### RIGHT-HAND DRIVER SPEAKER INSTALLATION

1. Join right-hand speaker connector to audio harness.
2. Install speaker grille with two retained fasteners (A).

### TORQUE

Speaker Grille Fasteners (A):  
**89 in-lbs (10 N·m)**



## VEHICLE REASSEMBLY

### GENERAL

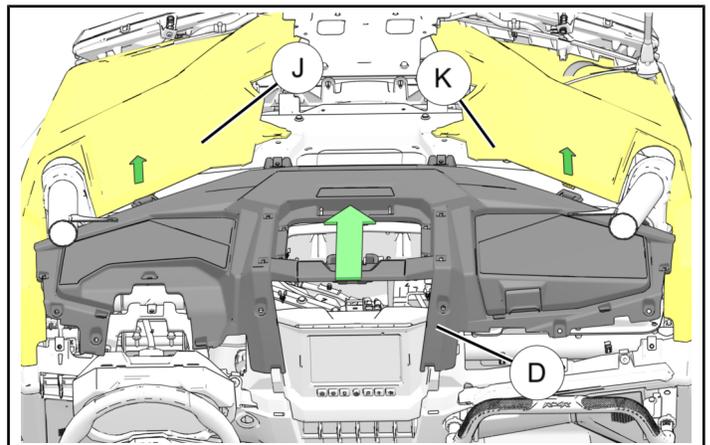
1. Turn vehicle on and test audio connection before reassembling vehicle.

### DASHBOARD TOP INSTALLATION

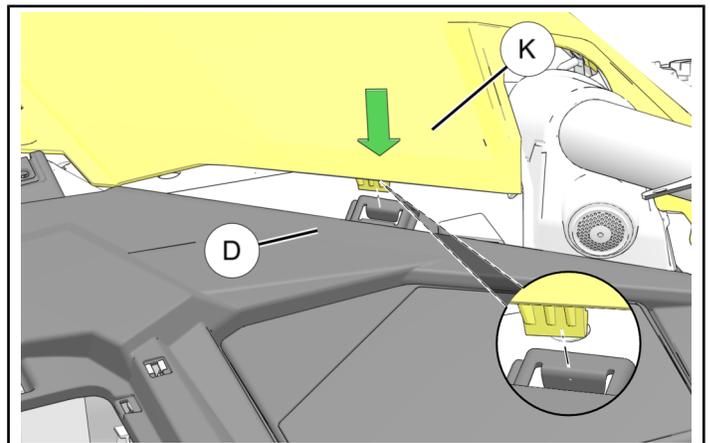
1. Carefully lift panels (J) and (K) up and away from tabs and install dashboard top (D) into place by tilting rear section up and installing front section first, then lower rear section into place.

### TIP

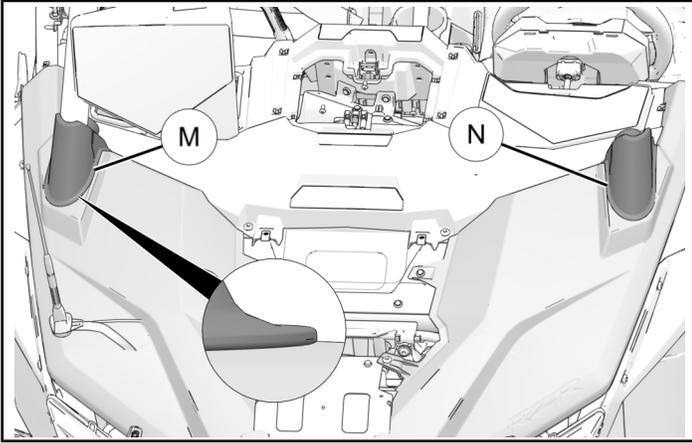
Have a second person to hold panels up.



2. Ensure that tabs on panels (J) and (K) are aligned in slots on dashboard top (D). (Panel (K) shown; panel (J) similar.)



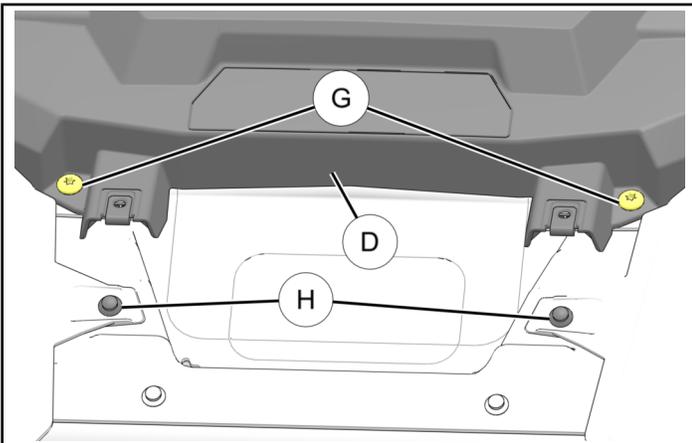
3. Ensure that both right (M) and left (N) rubber boots are properly installed. Only upper lip should be visible, as shown with inset.



4. Reinstall two retained screws (G) into front edge of dashboard top (D) and two retained pushpin rivets (H). Torque screws to specification.

#### TORQUE

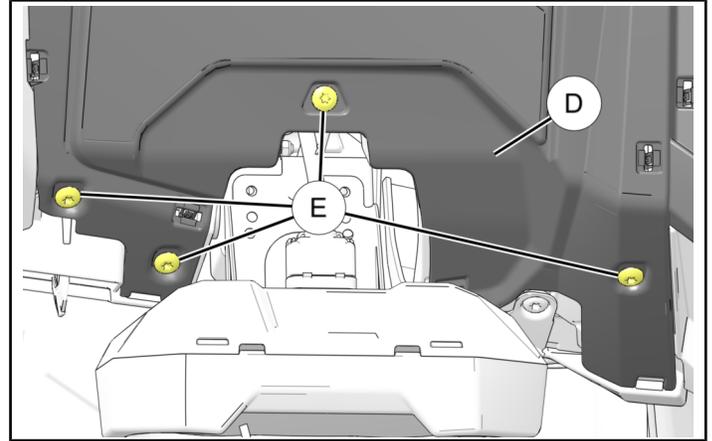
Screw (G):  
88 in-lbs (10 N·m)



5. Tilt steering wheel down. Install four retained screws (E) through dashboard top and torque to specification.

#### TORQUE

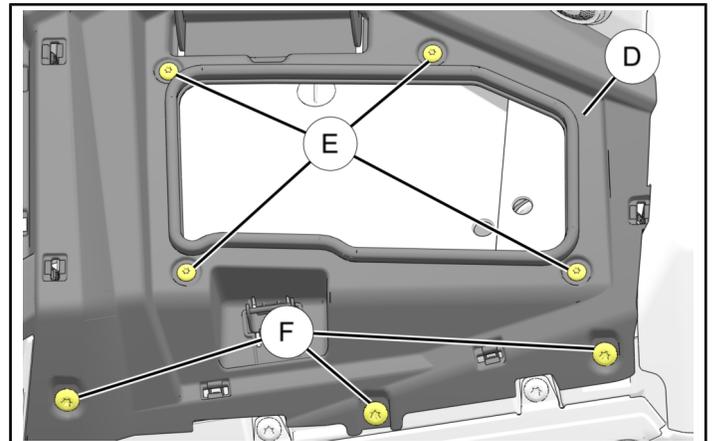
Screw (E):  
88 in-lbs (10 N·m)



6. Open glove box lid and reinstall storage compartment. Install four retained screws (E) around glove box opening and three retained screws (F) in front of dashboard top (D). Torque screws to specification.

#### TORQUE

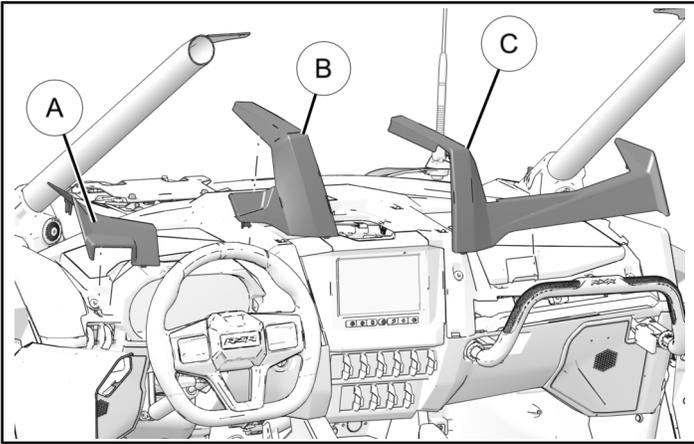
Screw (E) and (F):  
88 in-lbs (10 N·m)



7. Install retained left (A), center (B), and right (C) dash trim pieces.

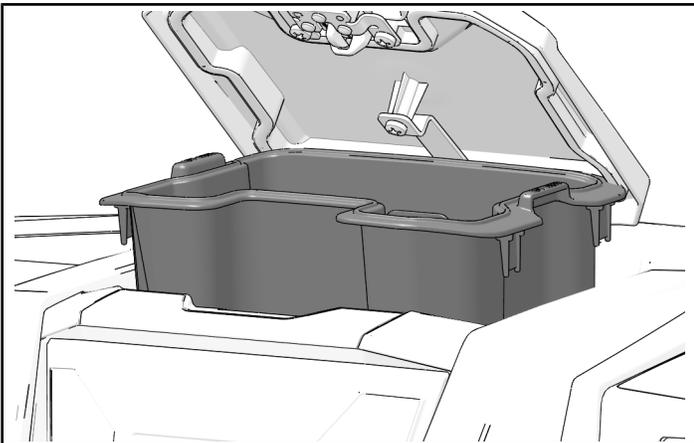
**TIP**

Release steering tilt lock for better access.



**DASHBOARD STORAGE INSTALLATION**

1. Slide storage compartment into dashboard cavity.



**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.



**CENTER HOOD PANEL INSTALLATION**

1. Slide panel forward until tabs slide into front hood panel and install with two hood fasteners (A).

**TORQUE**

Hood Fasteners (A):  
**89 in-lbs (10 N·m)**

