

PMX AUDIO KIT BY ROCKFORD FOSGATE®

P/N 2883964



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.

BEFORE YOU BEGIN

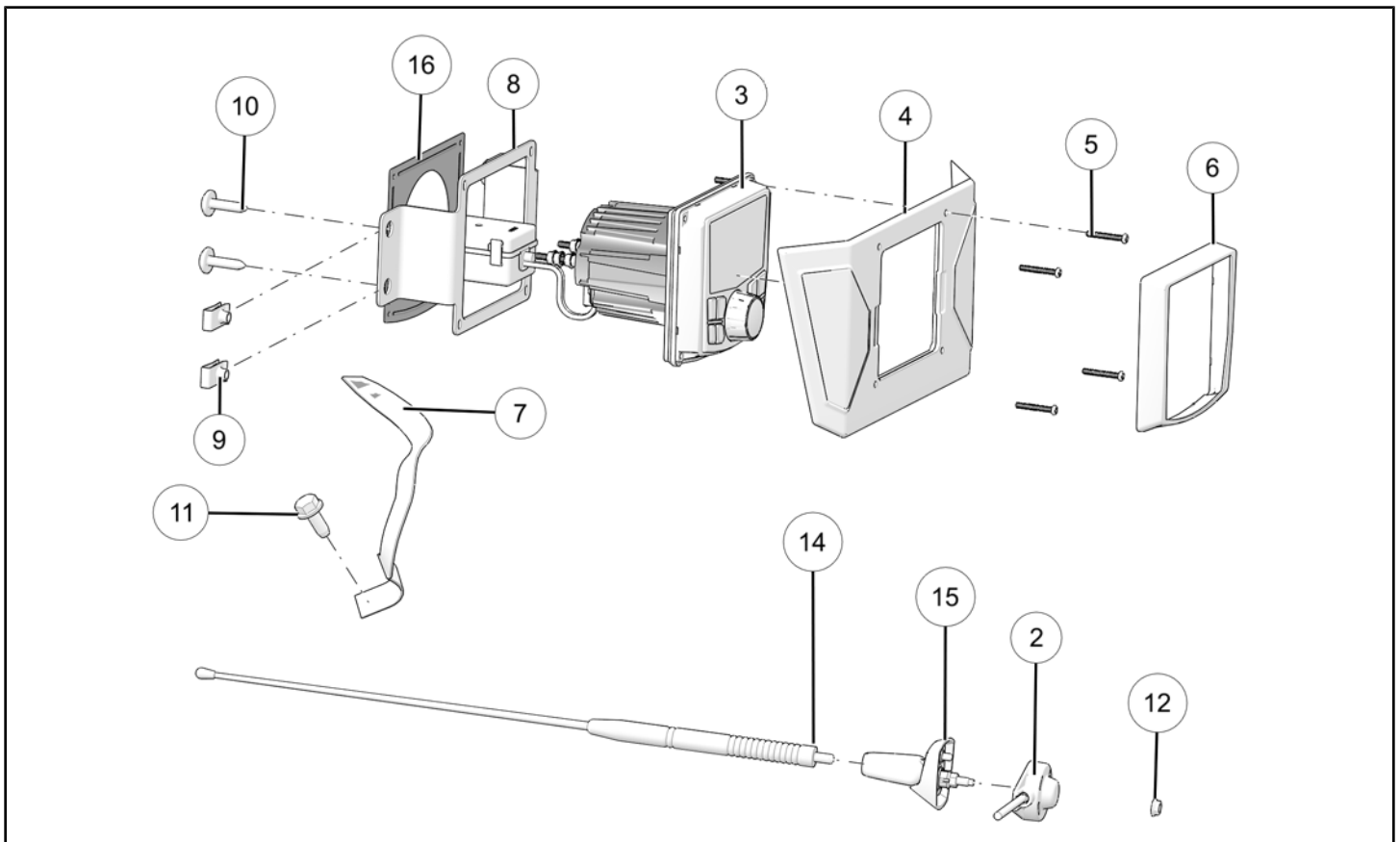
Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

REQUIRED SOLD SEPARATELY

Only parts for installation of the PMX Audio Kit By Rockford Fosgate® are included. For complete installation, the following additional kit is required (sold separately):

- *Base Audio Kit*, P/N 2883943

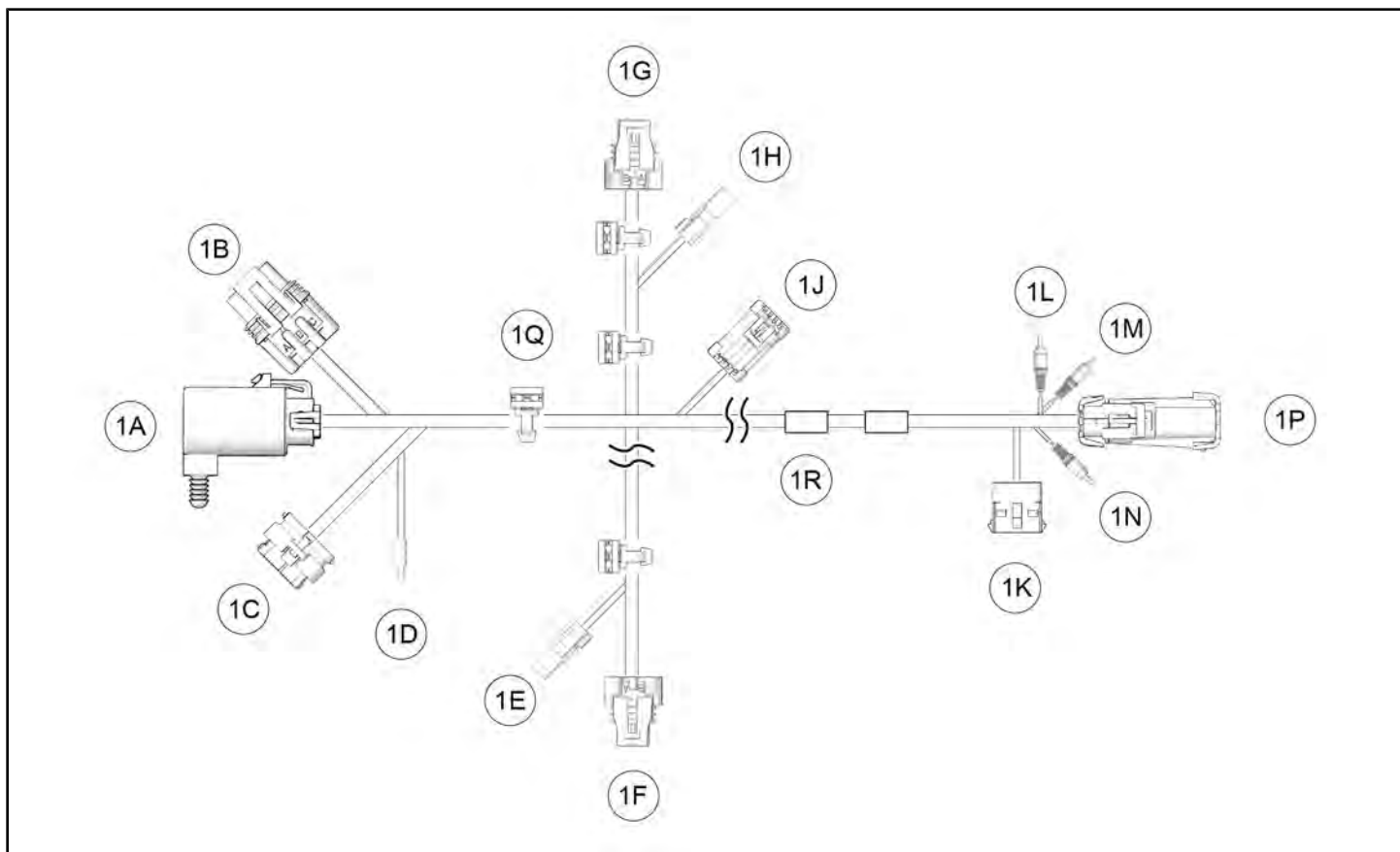
KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Harness–Audio, PMX (see <i>Harness Detail</i> section)	2414719
2	1	Assembly–Harness, AM/FM Antenna	2414727
3	1	Assembly–Head Unit, PMX	2637397
4	1	Panel–Cover, 7 in. Display	2637662
5	4	Screw–Hex Button Head, M3.5 x 0.6 mm x 25 mm	n/a
6	1	Cover–PMX, Front	n/a
7	1	Strap–Ground, Antenna, Braided	4016696
8	1	Bracket–PMX, Dashboard	5267727-329
9	4	Clip–U, Speed Nut	7081305
10	4	Screw–Torx® Truss Head, M6 x 1.0 mm x 25 mm	7519650
11	1	Screw–Hex Flange, M8 x 1.25 mm x 20 mm	7520764
12	1	Nut–Hex Flange, M5 x 0.8 mm	7547437
13	2	Cable Tie (not shown)	7081033
14	1	Antenna–Mast, AM/FM, Short	4014849
15	1	Mount–Antenna, 90°	4016695
16	1	Plate–Back, Dashboard Bracket	n/a

HARNESS DETAIL

HARNESS-AUDIO, PMX
P/N 2414719



NOTE

Harness Detail graphic is compressed to emphasize detail.

REF	PART DESCRIPTION	PIN QTY / GENDER		CONNECTS TO
1A	Fuse Relay Center	n/a		Vehicle Structure
1B	Connector, Power, Polaris Pulse®	3 Pin Female		Pulse® terminal block
1C	Connector, Amplifier, 4 Channel	23 Pin Female		Amplifier
1D	Bullet Connector, Ground, Amplifier	1 Pin Male		Amplifier
1E	Connector, Front, Tweeter, Right	2 Pin Female		Speaker-Tweeter, Right
1F	Connector, Front, Driver, Right	2 Pin Female		Speaker-Driver, Right
1G	Connector, Front, Driver, Left	2 Pin Female		Speaker-Driver, Left
1H	Connector, Front, Tweeter, Left	2 Pin Female		Speaker-Tweeter, Left
1J	Connector, Audio, Rear	4 Pin	2 Pin Male	Vehicle Structure / Rear Audio

REF	PART DESCRIPTION	PIN QTY / GENDER		CONNECTS TO
			2 Pin Female	
1P	Connector, Subwoofer	8 Pin	4 Pin Male	Harness--Audio, Subwoofer
			4 Pin Female	
1R	Tape (2 Locations)	n/a		Identifies installation location for cable tie ⑬

TOOLS REQUIRED

- Safety Glasses
- Drill
- Drill Bit:
 - 3/16 in. (5 mm)
 - 1/2 in. (12 mm)
- Pliers, Push Pin Rivet
- Screwdriver Set, Torx®
- Socket Set, Torx® Bit
- Torque Wrench

IMPORTANT

Your PMX Audio Kit By Rockford Fosgate® 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

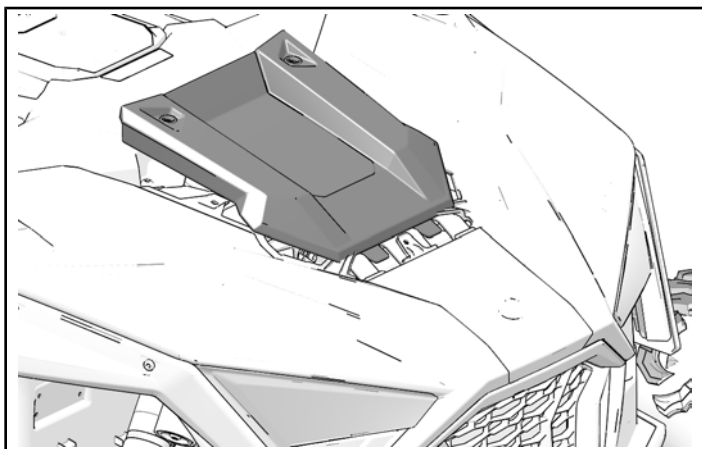
VEHICLE PREPARATION

GENERAL

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

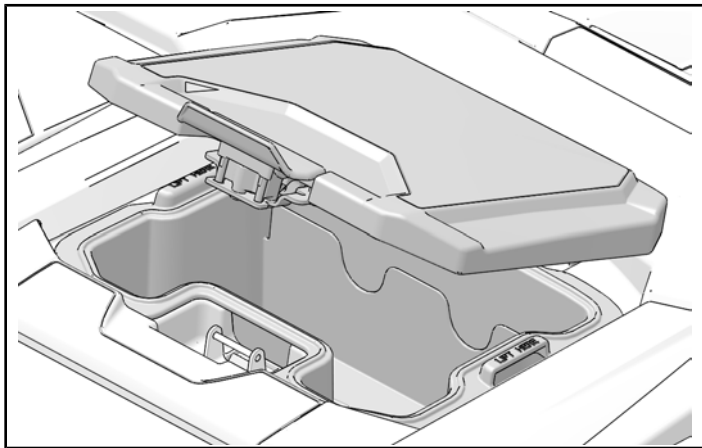
CENTER HOOD PANEL REMOVAL

1. Turn two quarter-turn fasteners to loosen center hood panel. Slide panel backwards until tabs clear front hood panel.

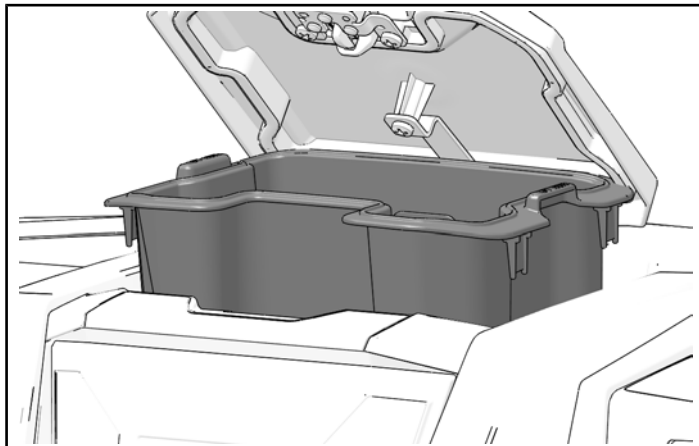


DASHBOARD STORAGE REMOVAL

1. Open center dashboard storage compartment.



2. Remove storage compartment from dashboard.

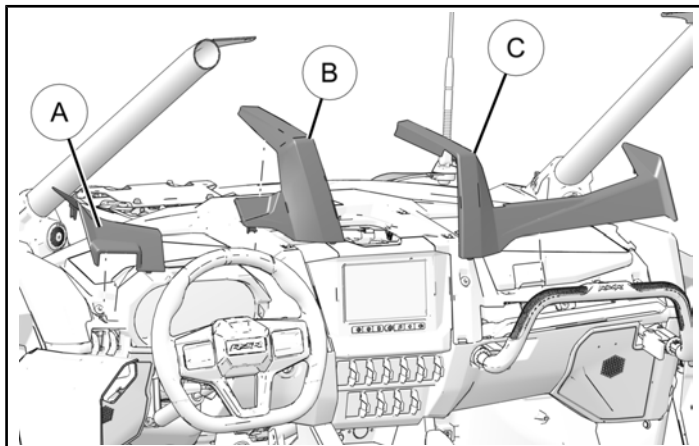


DASHBOARD TOP REMOVAL

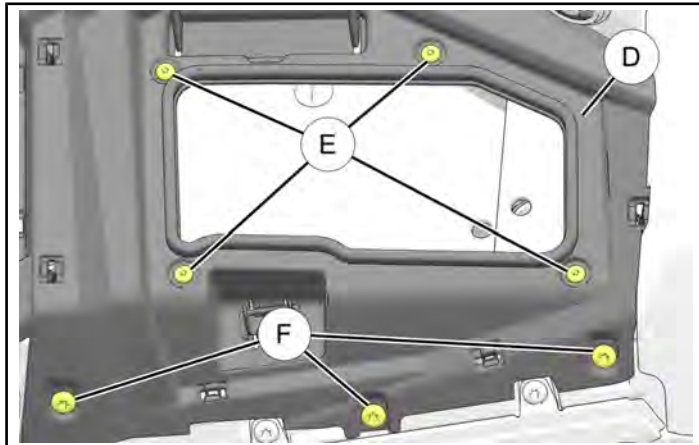
1. Carefully pull up to remove and retain left (A), center (B), and right (C) dash trim pieces.

TIP

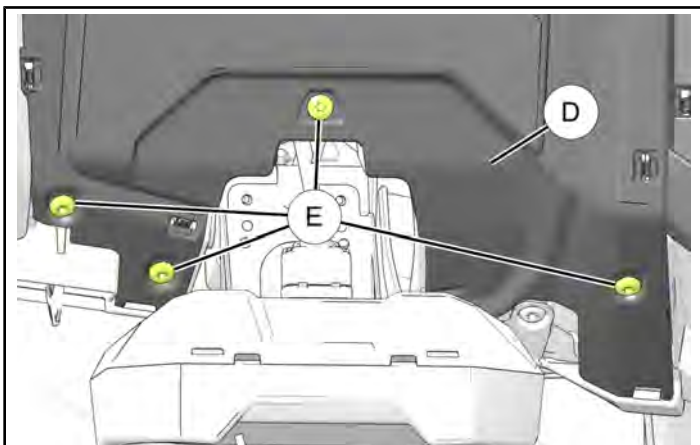
Release steering tilt lock for better access.



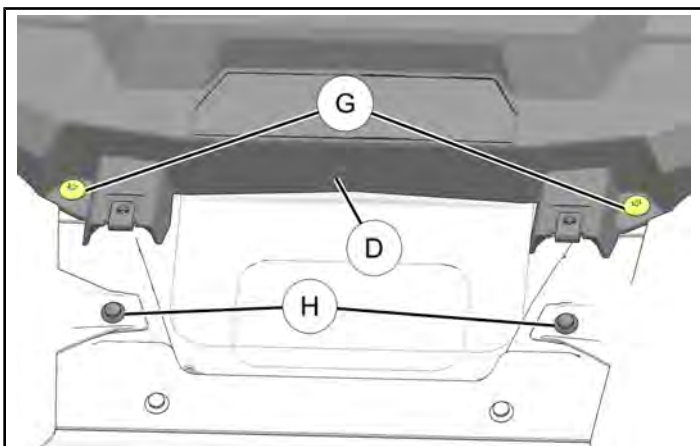
2. Open glove box lid. Remove and retain four screws (E) around glove box opening and three screws (F) from front of dashboard top (D). Make note of different screw sizes.



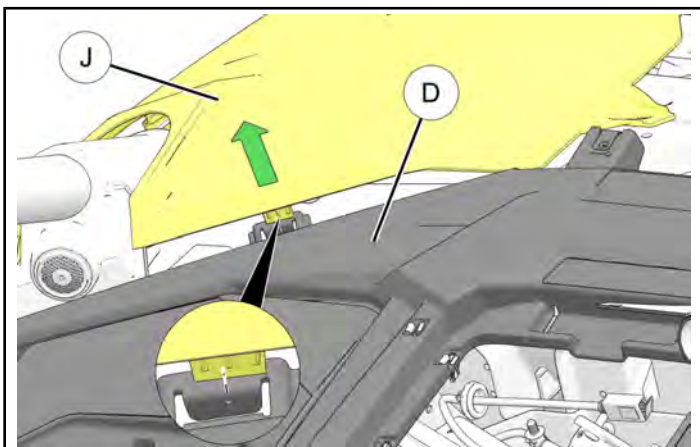
3. Tilt steering wheel down. Remove and retain four screws (E) from dashboard top (D).



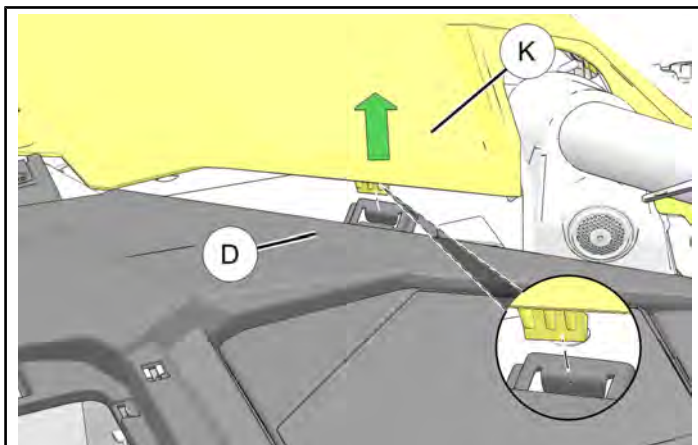
4. On front of vehicle, near rear edge of center hood panel opening, remove and retain two screws (G) from dashboard top (D). Remove and retain two pushpin rivets (H) from front side panels.



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



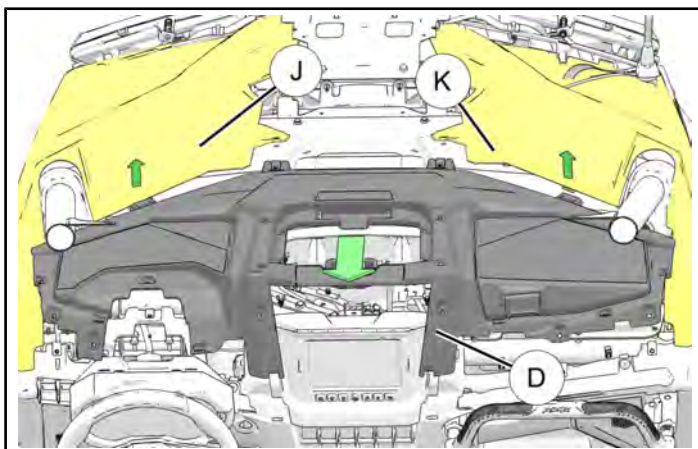
6. Carefully lift edge of right front fender (K) to release tab from dashboard top (D) as shown.



7. 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.



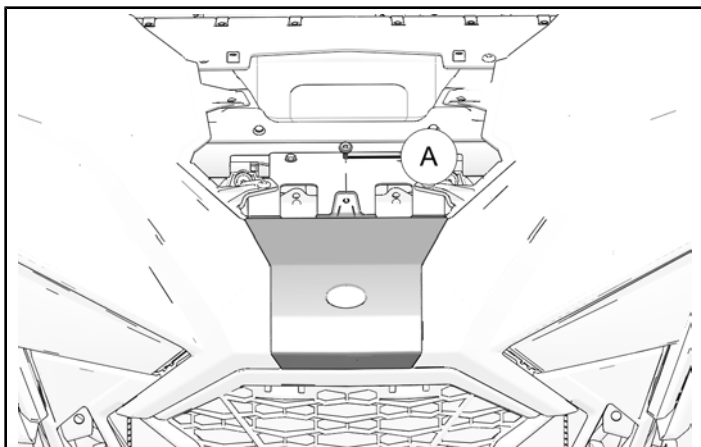
ACCESSORY INSTALLATION

RIGHT-HAND HOOD DISASSEMBLY

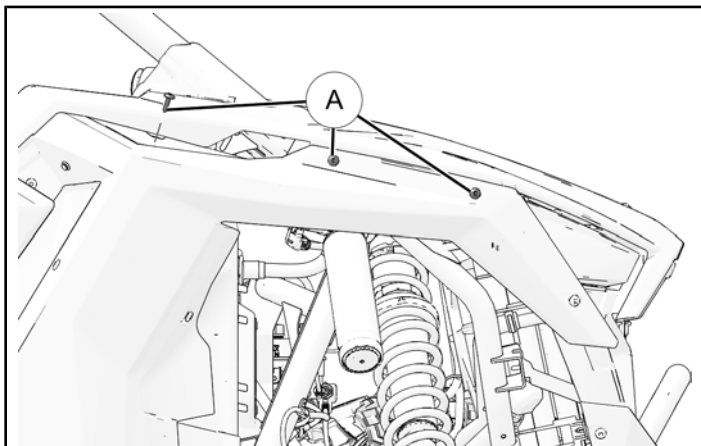
TIP

Hood can be disassembled for improved access during installation procedures.

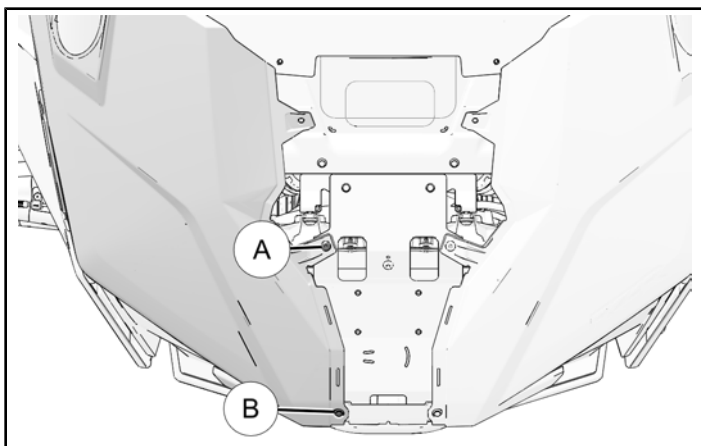
1. Remove and retain one fastener ① to remove hood nose.



2. Remove and retain three front fender fasteners ①.



3. Remove and retain one hood fastener ① and one push-pin rivet ②.



ANTENNA INSTALLATION

HOOD PANEL PREPARATION

1. Mark two holes on top of right front fender for alignment pin and antenna mounting post.

NOTE

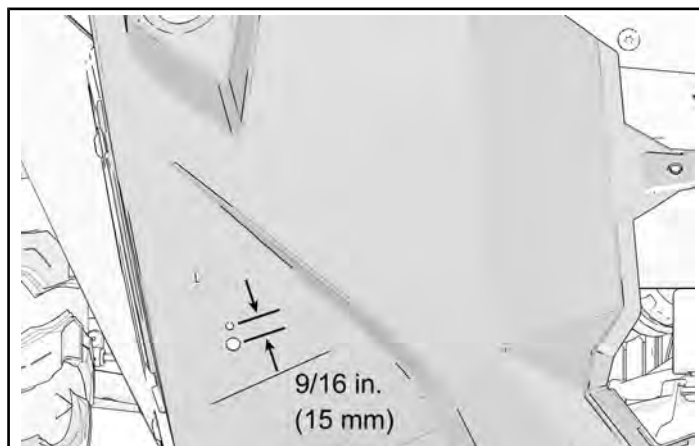
Exact location is not critical, however, ensure location allows ground strap to span distance of antenna base to chassis ground location (see step 4 of *Antenna Installation* section for ground strap location). If mast tilt functionality is desired, ensure location allows for tilt.

MEASUREMENT

Antenna Mounting Post hole: 1/2 in. (12 mm)

Alignment Pin hole: 3/16 in. (5 mm)

Ensure distance between center of each hole is 9/16 in. (15 mm), as shown in diagram below.



2. Drill at each marked location.

CAUTION

Control drill depth to prevent damage to underlying structure or components.

MEASUREMENT

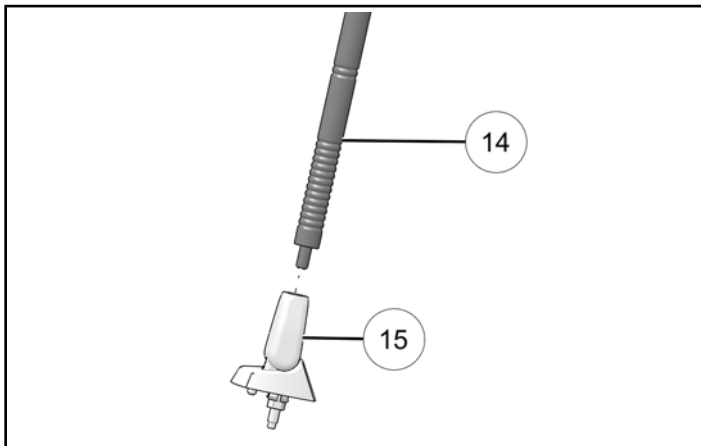
Antenna Mounting Post hole: 1/2 in. (12 mm)

Alignment Pin hole: 3/16 in. (5 mm)

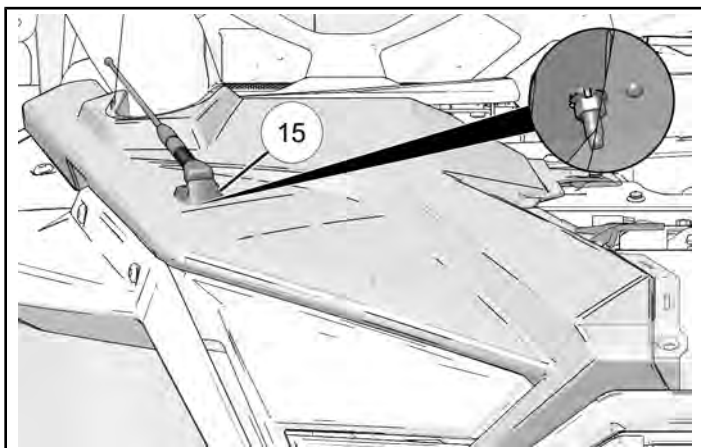
Ensure distance between center of each hole is 9/16 in. (15 mm), as shown in diagram below.

ANTENNA INSTALLATION

1. Install antenna mast ⑭ onto antenna mount ⑮.



2. Seat antenna mount ⑮ in hood. Antenna mount will snap into place when fully seated.



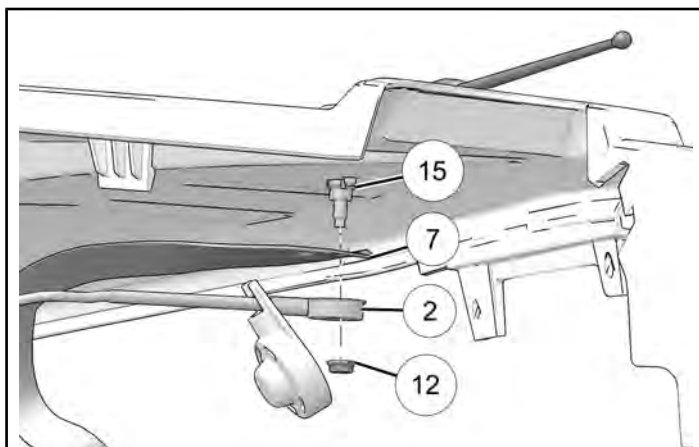
3. Pass antenna mount post ⑮ through ground strap ⑦, antenna harness ②, and secure with one nut ⑫. Place harness boot over nut after torquing.

TORQUE

Antenna Post Nut ⑫:
89 in-lbs (10 N·m)

NOTE

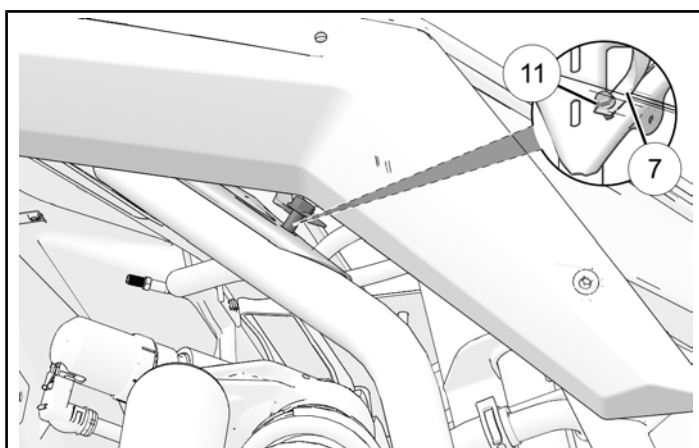
Vehicle body hidden for clarity.



4. Replace hood to installed position (if disassembled) with harness sitting in front-right wheel well. Secure ground strap ⑦ to vehicle frame with one fastener ⑪.

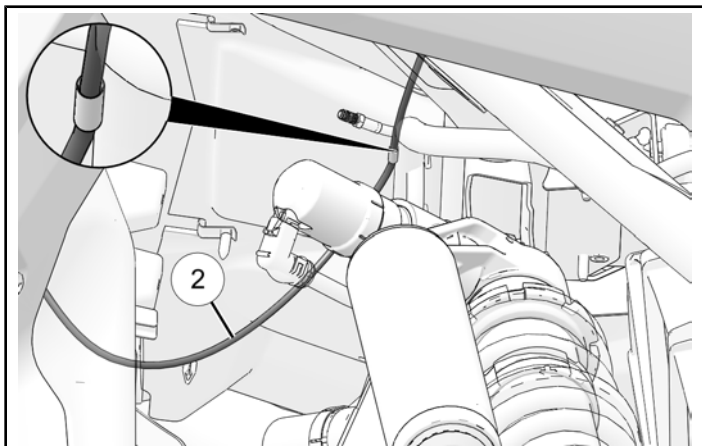
TORQUE

Ground Strap Fastener ⑪:
89 in-lbs (10 N·m)

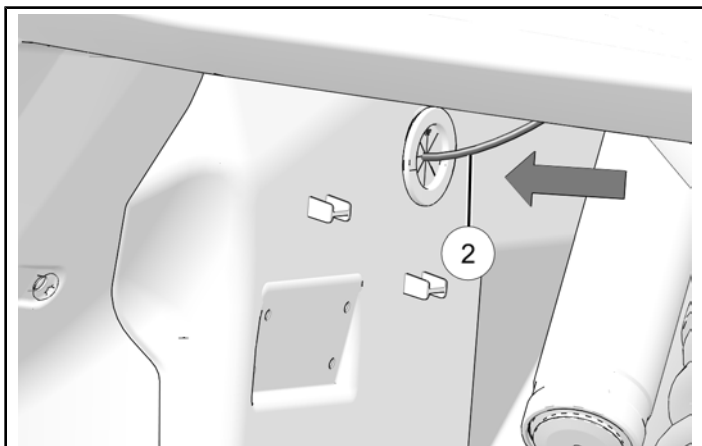


ANTENNA HARNESS ROUTING

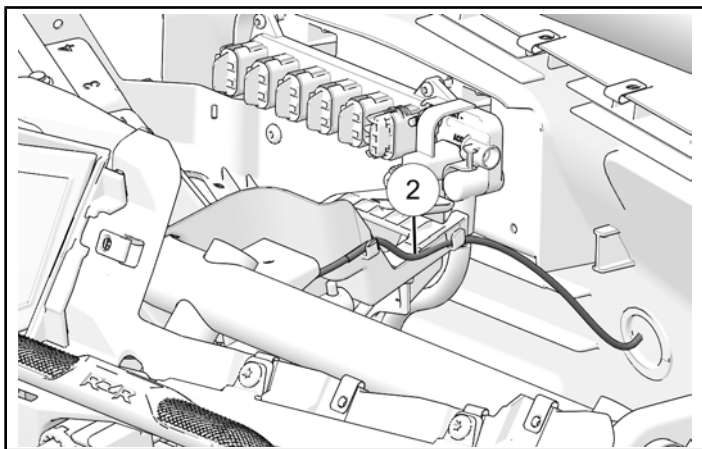
1. Begin routing harness ② towards firewall. Secure harness to electrical chassis harness with one cable tie ⑬ at taped location.



2. Pass harness ② through grommet in firewall.



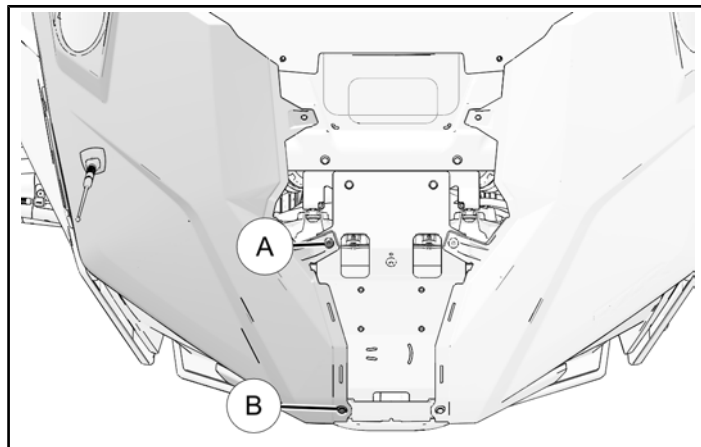
3. Route antenna harness ② along accessory mounting panel. Secure in tabs along edge of panel.



RIGHT-HAND HOOD REASSEMBLY

1. Reinstall right-hand hood panel with one hood fastener ① and one push-pin rivet ⑧.

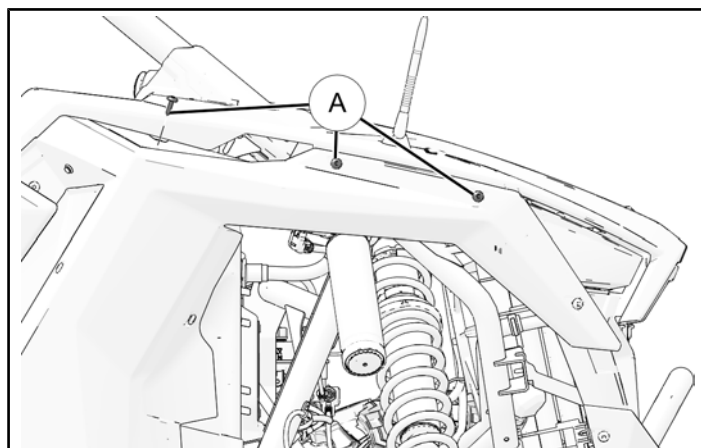
Do not torque hood fastener ① at this time.



2. Reinstall right-hand hood panel with three hood fasteners ①.

TORQUE

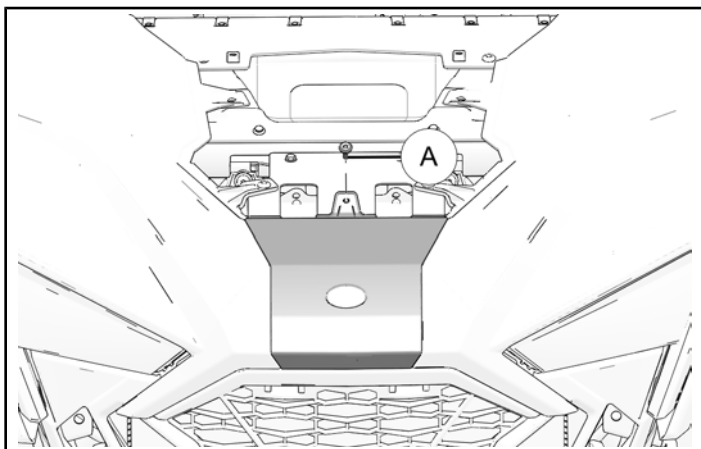
Hood Fasteners ①:
89 in-lbs (10 N·m)



3. Reinstall hood nose panel with one fastener ①A.

TORQUE

Hood Fasteners ①A:
89 in-lbs (10 N·m)

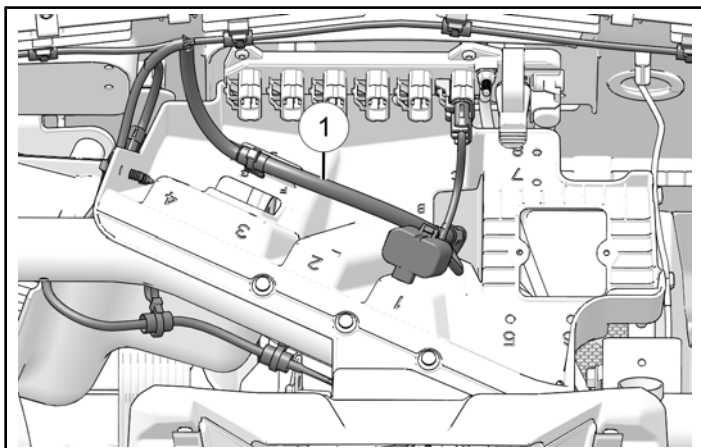


AUDIO HARNESS ROUTING

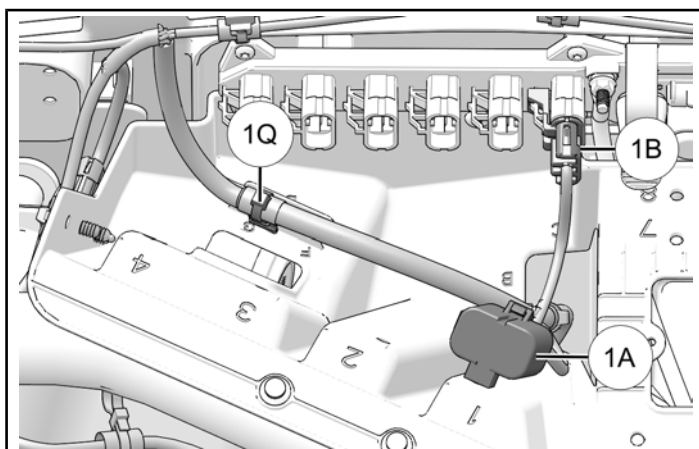
NOTE

See *Harness Detail* section, page 3, for connector identification.

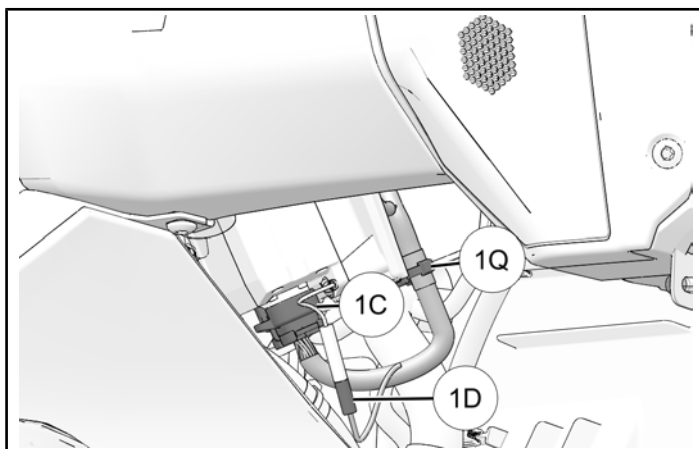
1. Place audio harness ① in accessory mounting panel.



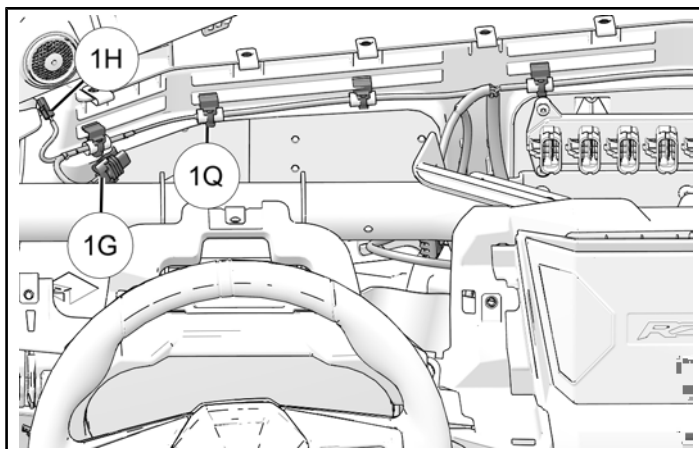
2. Install fuse relay 1A onto accessory mounting panel. Join power connector 1B to Polaris Pulse® bar. Secure harness to accessory mounting panel with one routing edge clip 1Q.



3. Route amplifier connector 1C and 1D through bottom opening of accessory mounting panel. Secure harness to accessory mounting panel with one routing edge clip 1Q. Join audio harness connectors 1C and 1D to amplifier.

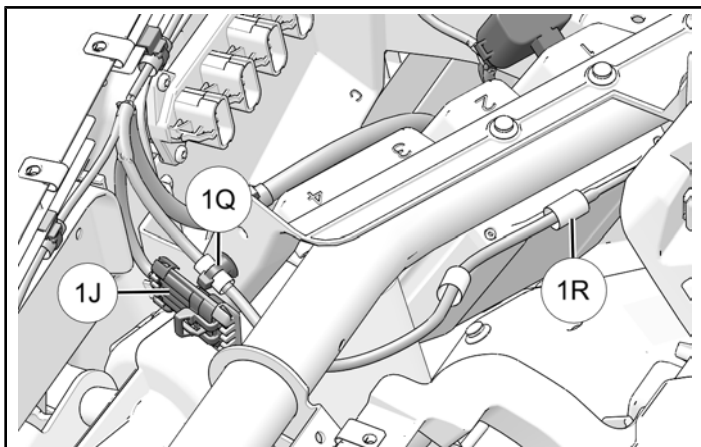


4. Route audio harness to driver side. Secure to front cab panel with four routing clips 1Q.

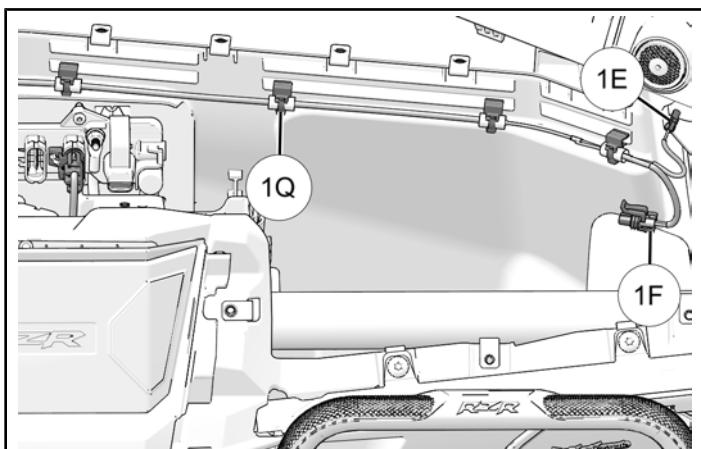


5. Join audio harness connector 1H to tweeter and connector 1G to driver.

6. Route audio harness to head unit. Secure rear audio connector 1J to accessory mounting panel with attached push-pin. Secure audio harness to accessory mounting panel with routing clip 1Q. Secure audio harness to chassis electrical harness with two cable ties 13 at taped locations 1R.



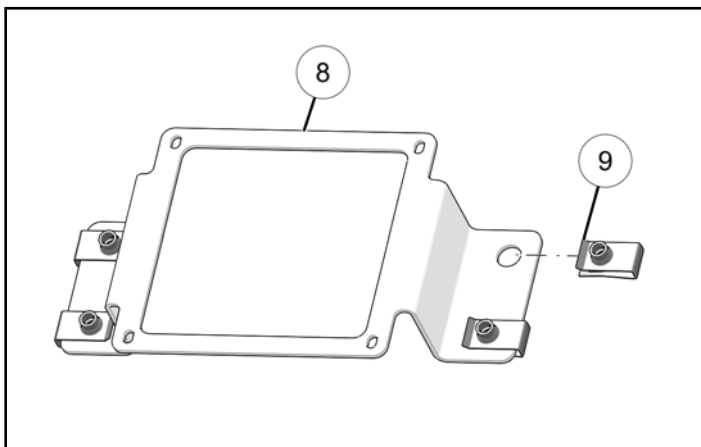
7. Route audio harness to passenger side. Secure to front cab panel with four routing clips 1Q.



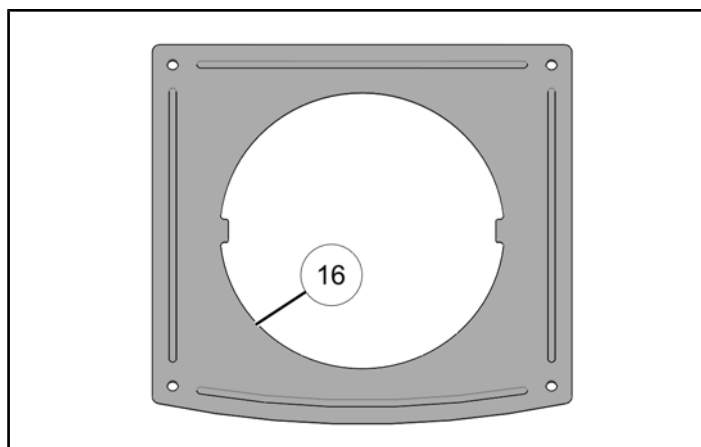
8. Join audio harness connector 1E to tweeter and connector 1F to driver.

HEAD UNIT INSTALLATION

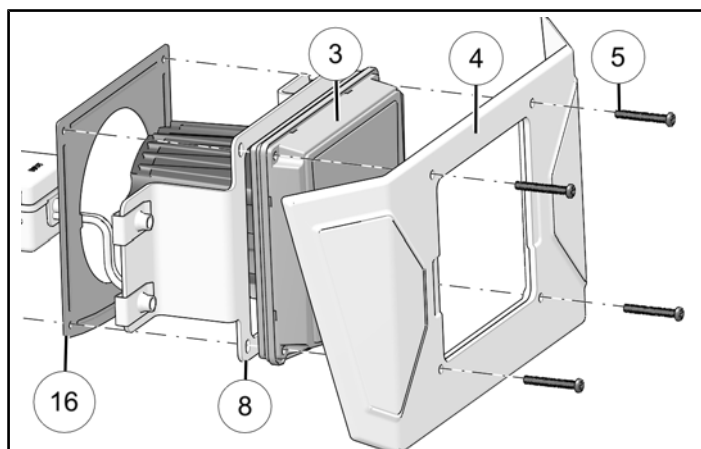
1. Install U-clip nuts 9 onto dashboard bracket 8.



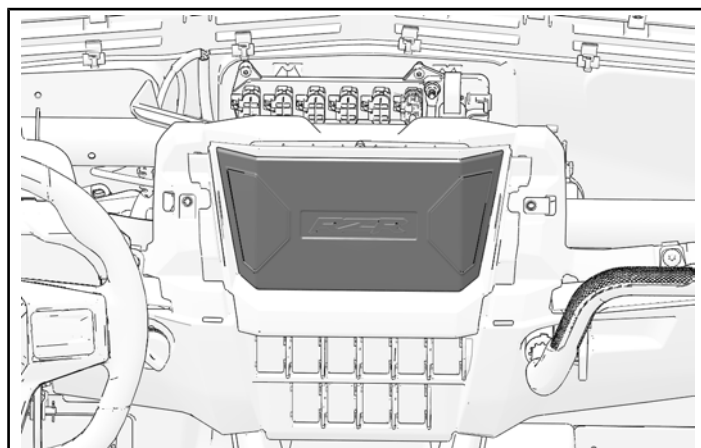
2. Note orientation of back plate 16.



3. Pass four fasteners 5 through display cover 4, PMX head unit 3, dashboard bracket 8, and hand-tighten to back plate 16.

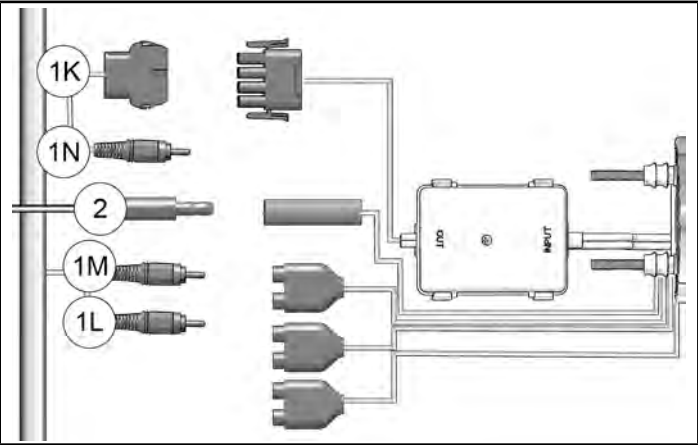


4. Remove and discard cover panel.

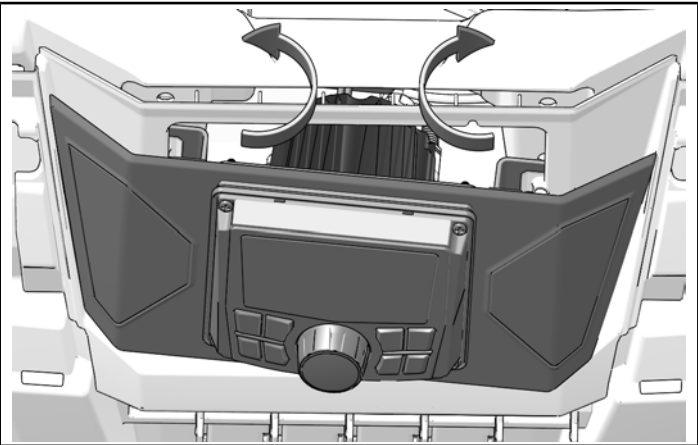


5. Join PMX head unit to audio harness.

REF	CONNECTS TO
1K	PMX Head Unit Power
1N	Subwoofer
1M	White, Left Audio
1L	Red. Right Audio
2	Bullet Connector

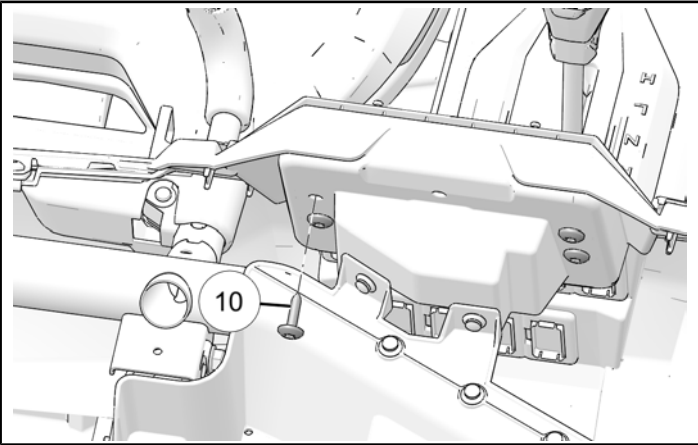


6. Maneuver head unit assembly so that dashboard bracket is positioned inside of dashboard and cover panel is flush against dashboard front.

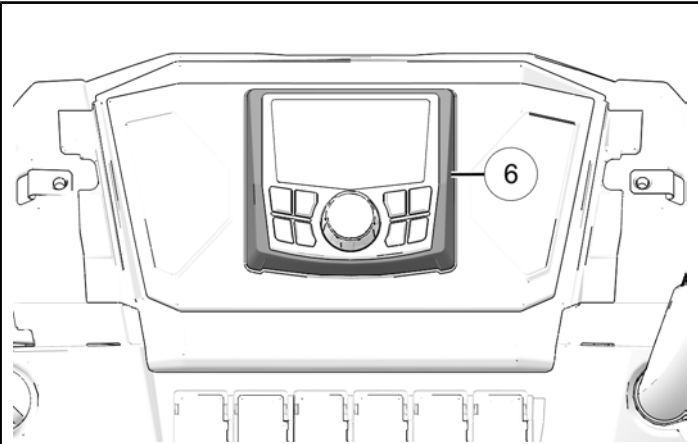


7. Secure PMX head unit to dashboard with four fasteners ⑩.

TORQUE
Head Unit Fasteners ⑩ (assembly to vehicle): 89 in-lbs (10 N·m)



8. Push carefully on front cover ⑥ until it snaps in place.



VEHICLE REASSEMBLY

GENERAL

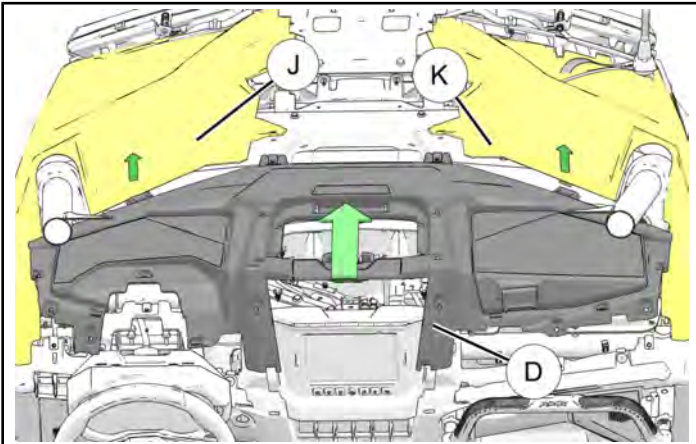
1. Verify audio connection is operating properly before proceeding with vehicle reassembly.

DASHBOARD TOP INSTALLATION

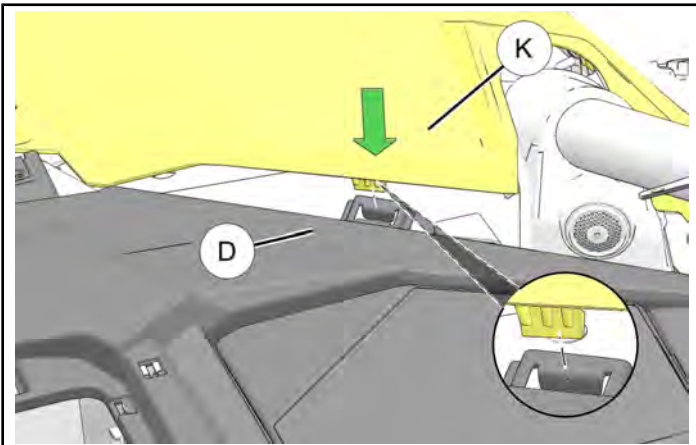
1. Carefully lift panels **J** and **K** up and away from tabs and install dashboard top **D** into place by tilting rear section up and installing front section first, then lower rear section into place.

TIP

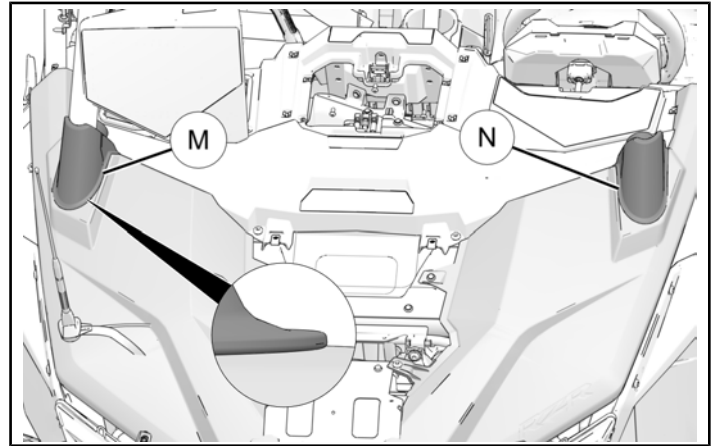
Have a second person to hold panels up.



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



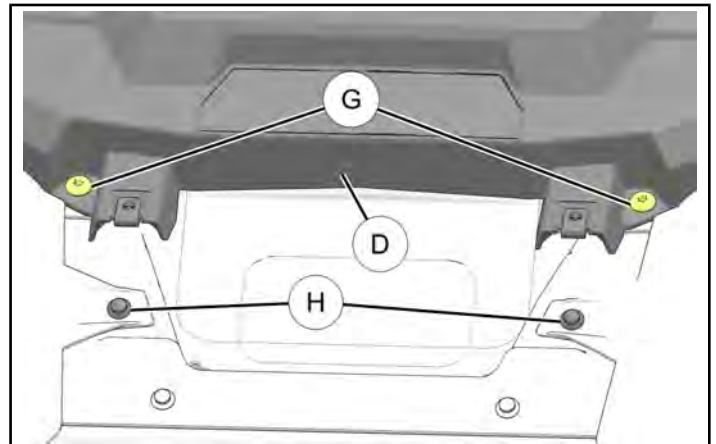
3. Ensure that both right **M** and left **N** rubber boots are properly installed. Only upper lip should be visible, as shown with inset.



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

TORQUE

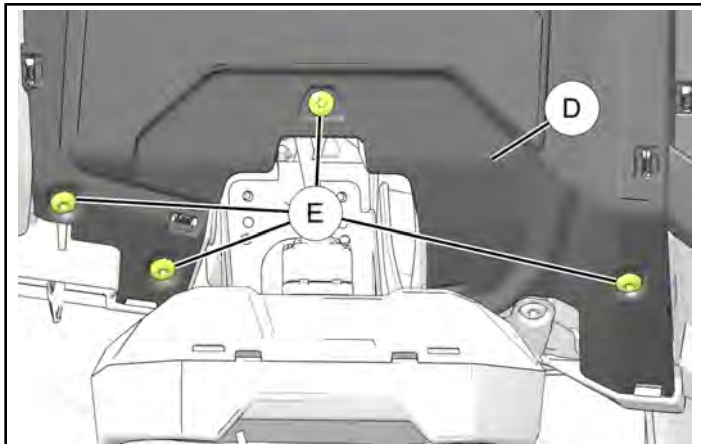
Screw **G**:
88 in-lbs (10 N·m)



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

TORQUE

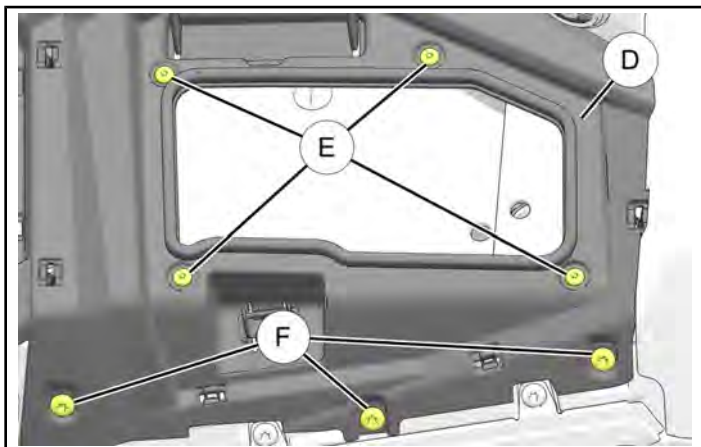
Screw ⑤:
88 in-lbs (10 N·m)



6. Open glove box lid. Install four retained screws ⑤ around glove box opening and three retained screws ⑥ in front of dashboard top ④. Torque screws to specification.

TORQUE

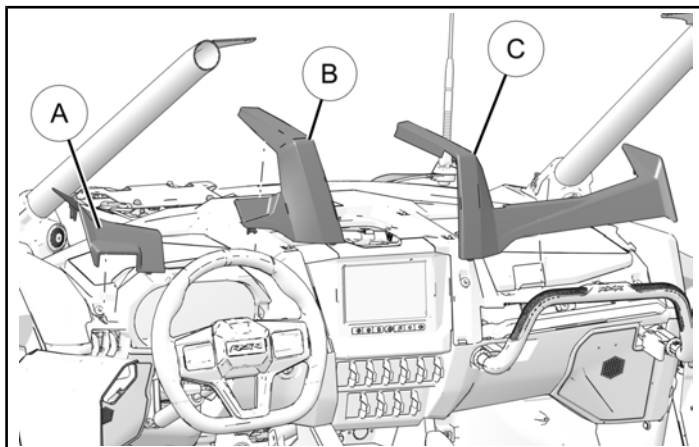
Screw ⑤ and ⑥:
88 in-lbs (10 N·m)



7. Install retained left ①, center ②, and right ③ dash trim pieces.

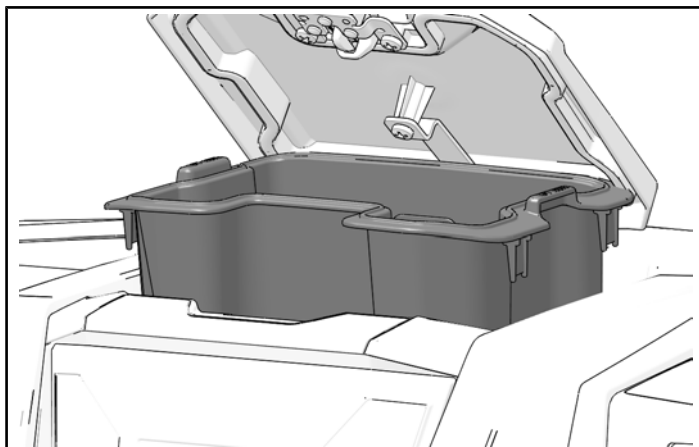
TIP

Release steering tilt lock for better access.



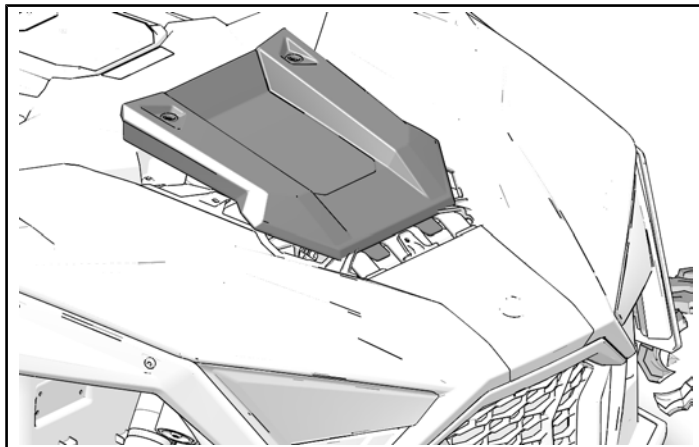
DASHBOARD STORAGE INSTALLATION

1. Slide storage compartment into dash-board cavity.



CENTER HOOD PANEL INSTALLATION

1. Slide panel forward until tabs slide into front hood panel. Turn two quarter-turn fasteners to secure center hood panel.



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.



SPECIFICATIONS:

Product Name	Digital Media Receiver
Model	PMX-P2
Operating Voltage	10.5V - 16V
Fuse Rating	15A
Power Output	25 W X 4 @ 4 Ohms RMS 50 W x 4 @ 2 Ohms Peak
Max. RCA Output Voltage	4V
Output Impedance	500Ω
Frequency Response	20 - 20kHz
Frequency Range (Europe)	FM: 87.5 MHz - 108 MHz AM: 526.5 kHz - 1606.5 kHz
Frequency Range (U.S.A)	FM: 87.5 MHz - 107.9 MHz AM: 530 kHz - 1710 kHz
WB Frequency Range	162.40 - 162.55 (US & Canada)
Tuner Presets	18 FM / 12 AM / 6 WB / 18 SXM
USB Compatibility	2.0
USB Capacity	32 GB max, 255 Folders max, 999 Songs max
USB Output	1A
Android Compatibility	Bluetooth® Only
Bluetooth Version	4.2 +EDR, A2DP 1.3
Bluetooth transmitter frequency range	2.402 GHz - 2.480 Ghz
Bluetooth transmitter power	≤ 10 dBm (EIRP)
Bluetooth transmitter modulation	GFSK, π/4 DQPSK, 8DPSK
Operating temperature range	-20°C ~ +50°C

Rockford Corporation 600 South Rockford Drive Tempe Arizona United States

Hereby, [Name of manufacturer] declares that the radio equipment type [designation of type of radio equipment] is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
www.rockfordfosgate.com

FCC STATEMENT

FCC ID

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC ID

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

There are no restrictions of use.