

PMX AUDIO KIT BY ROCKFORD FOSGATE®

POLARIS

ENGINEERED PARTS
ACCESSORIES & APPAREL

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](https://www.polaris.com).

BEFORE YOU BEGIN

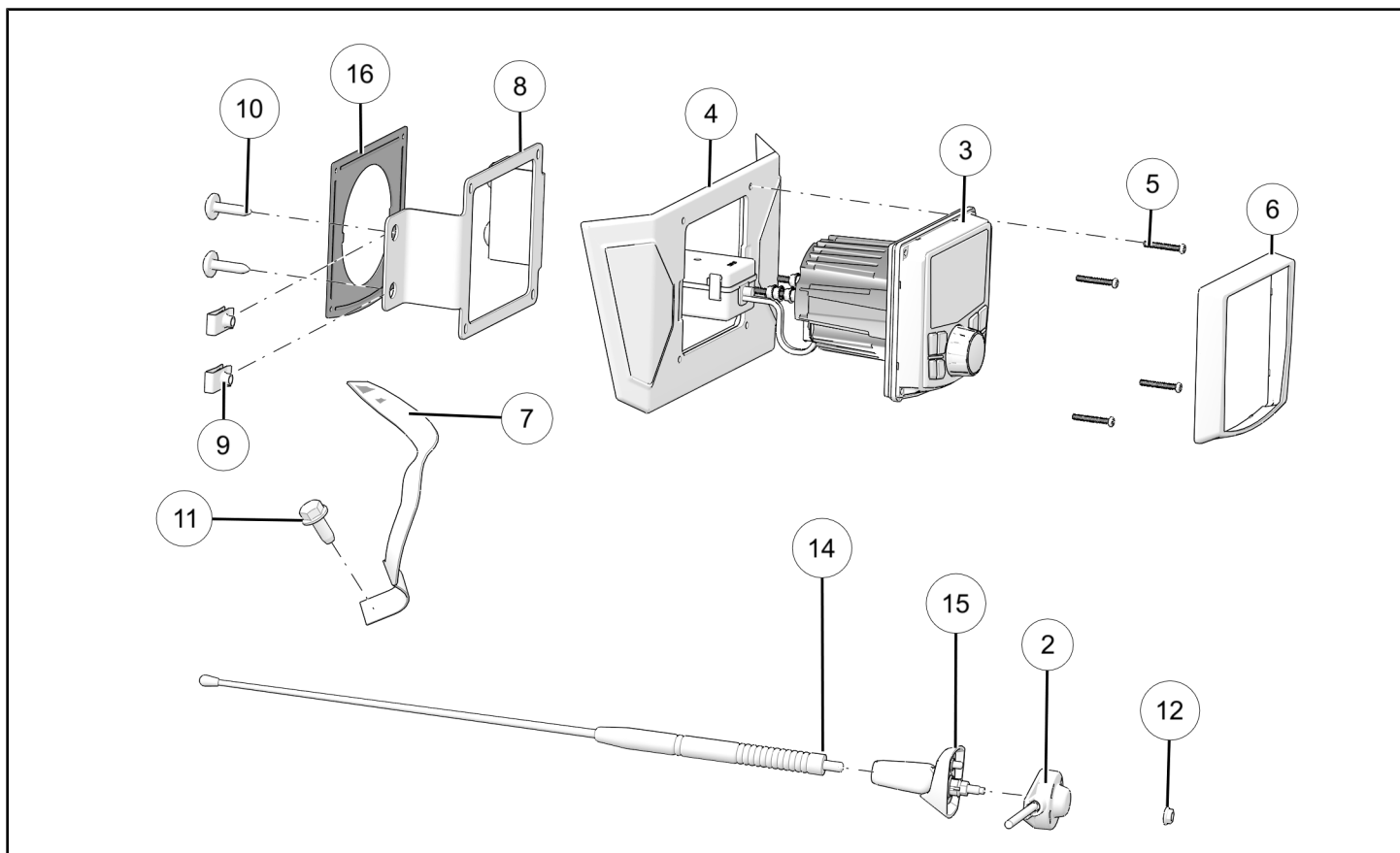
Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

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

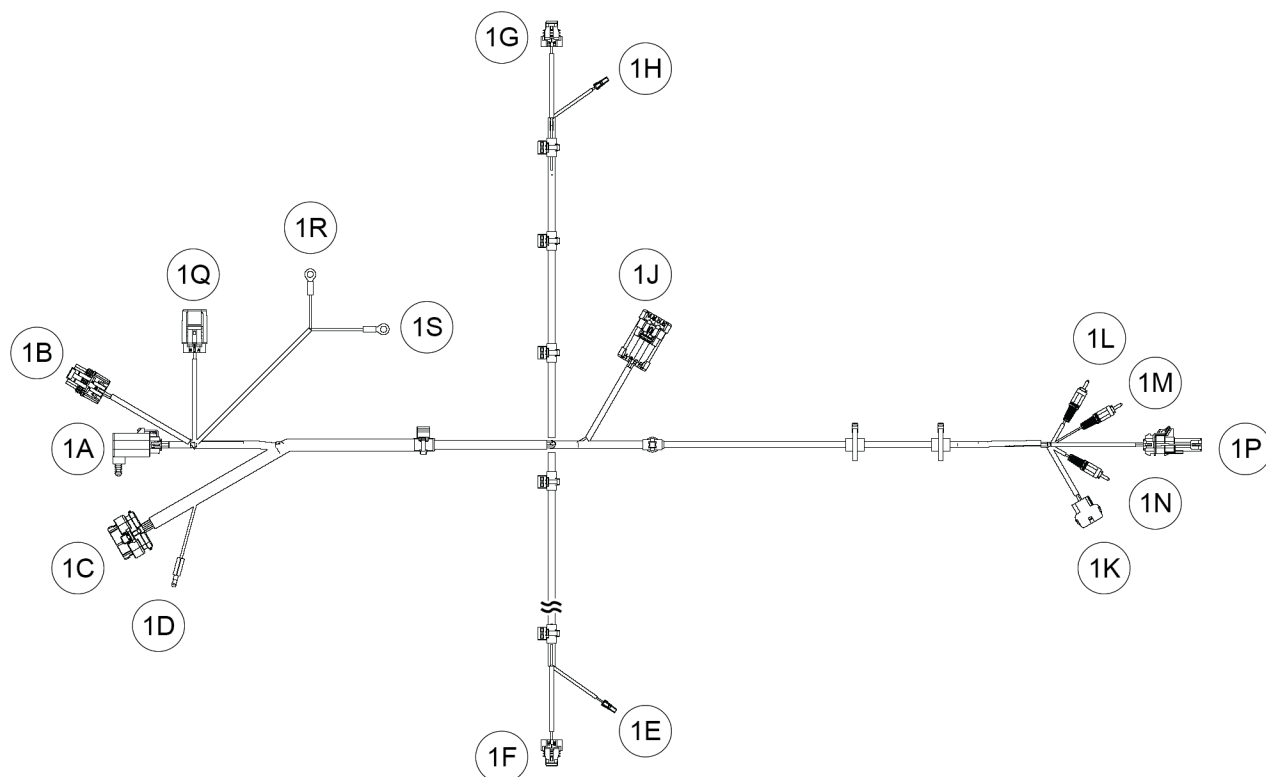
KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Harness–Audio, PMX (see <i>Harness Detail</i> section)	2415255
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	n/a
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
17	1	Grommet–Rubber	***

HARNESS DETAIL

PMX AUDIO HARNESS, P/N 2415255



REF	PART DESCRIPTION	PIN QTY / GENDER		CONNECTS TO
1A	Fuse Relay Center	—		Accessory Mounting Panel
1B	Connector–Power, Polaris Pulse®	3 Pin Female		Polaris Pulse® bar
1C	Connector–Amplifier, 4 Channel	23 Pin Female		Amplifier
1D	Connector–Bullet, Ground, Amplifier	1 Pin Male		Amplifier
1E	Connector–Speaker, Front, Tweeter, Right	2 Pin Female		Speaker–Tweeter, Right
1F	Connector–Speaker, Front, Driver, Right	2 Pin Female		Speaker–Driver, Right
1G	Connector–Speaker, Front, Driver, Left	2 Pin Female		Speaker–Driver, Left
1H	Connector–Speaker, Front, Tweeter, Left	2 Pin Female		Speaker–Tweeter, Left
1J	Connector–Audio, Rear	8 Pin	4 Pin Male	Accessory Mounting Panel / Rear Audio
			4 Pin Female	
1P	Connector–Subwoofer	8 Pin	4 Pin Male	Harness–Audio, Subwoofer

REF	PART DESCRIPTION	PIN QTY / GENDER		CONNECTS TO
			4 Pin Female	
1Q	Fuse Holder	—		Accessory Mounting Panel
1R	Ring Terminal–Negative	—		Negative Terminal, Polaris Pulse® bar
1S	Ring Terminal–Positive	—		Positive Terminal, Polaris Pulse® bar

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
- Tape Measure

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

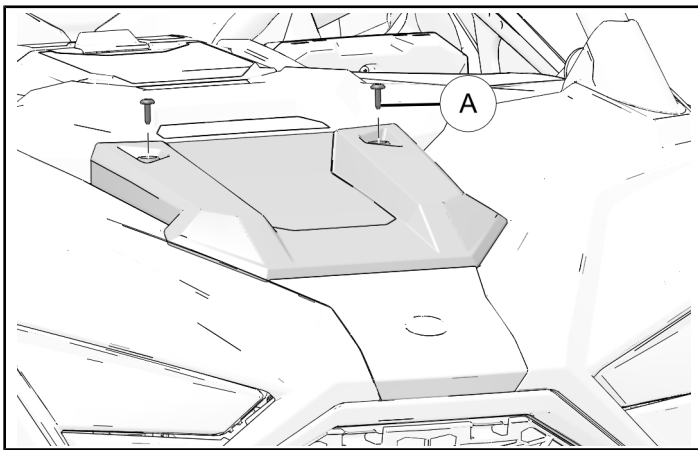
VEHICLE PREPARATION

GENERAL

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

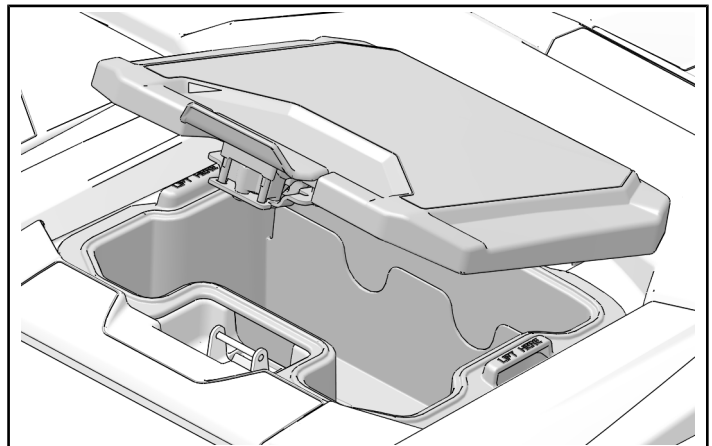
CENTER HOOD PANEL REMOVAL

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



DASHBOARD STORAGE REMOVAL

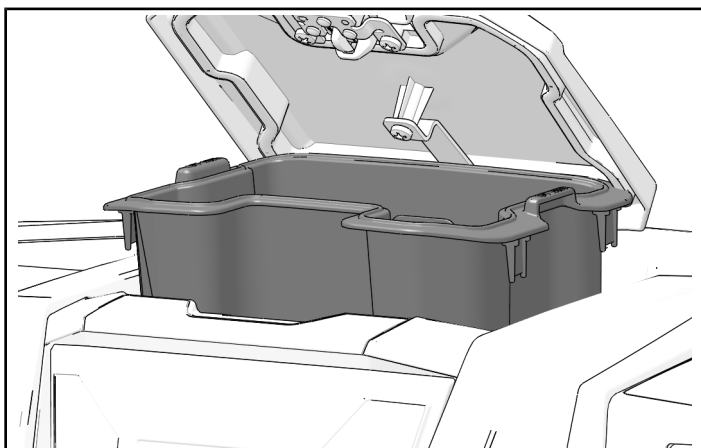
1. Open center dashboard storage compartment.



2. Remove storage compartment from dashboard.

TIP

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

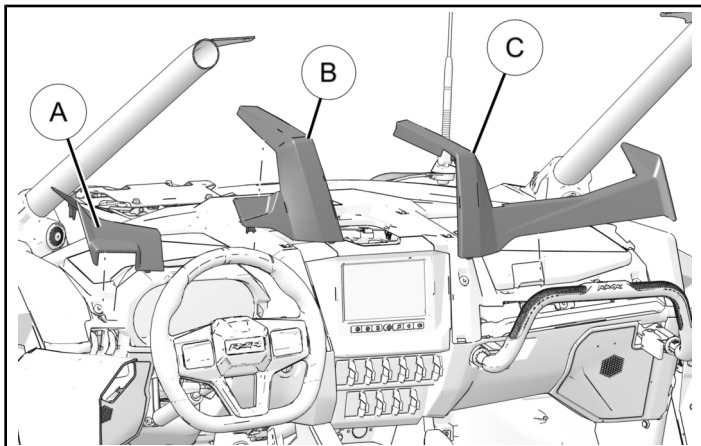


DASHBOARD TOP REMOVAL

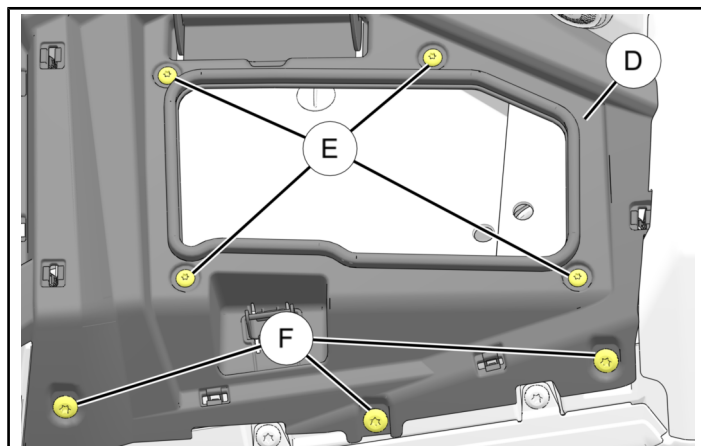
1. Carefully pull up to remove and retain left (A), center (B), and right (C) dash trim pieces.

TIP

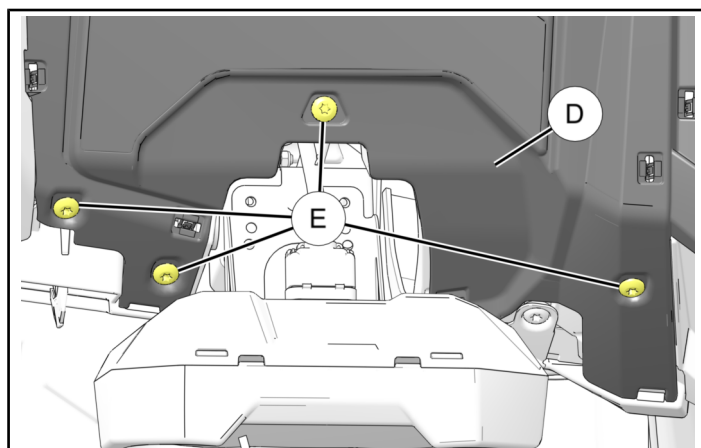
Release steering tilt lock for better access.



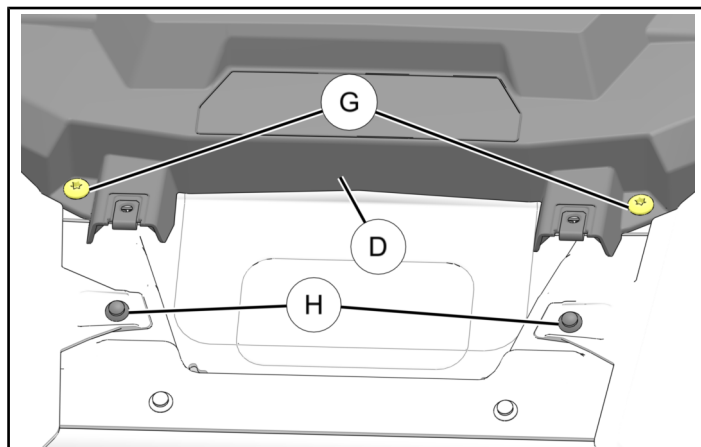
2. Open glove box lid. Remove and retain four screws (E) around glove box opening and three screws (F) from front of dashboard top (D). Make note of different screw sizes.



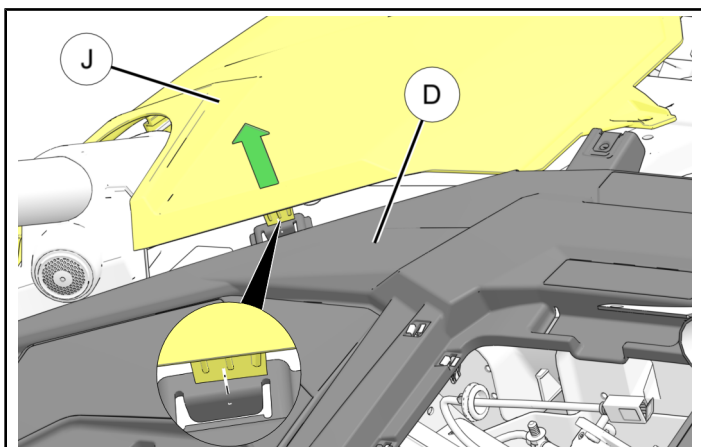
3. Tilt steering wheel down. Remove and retain four screws (E) from dashboard top (D).



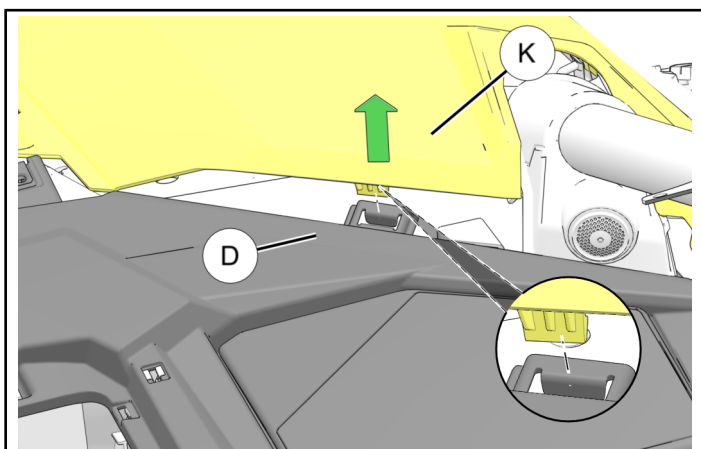
4. On front of vehicle, near rear edge of center hood panel opening, remove and retain two screws (G) from dashboard top (D). Remove and retain two pushpin rivets (H) from front side panels.



5. Carefully lift edge of left front fender ① to release tab from dashboard top ② as shown.



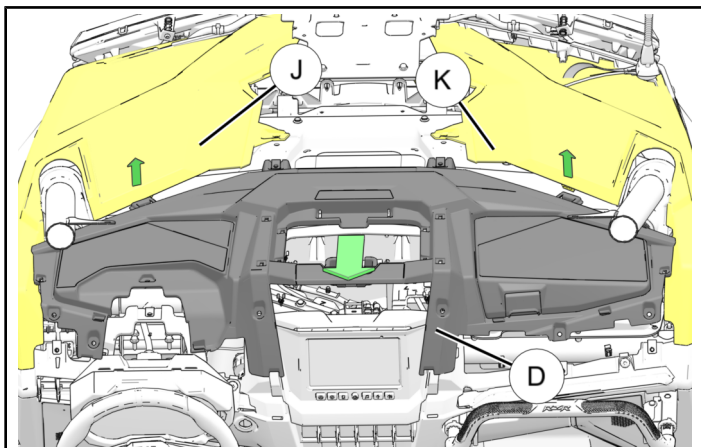
6. Carefully lift edge of right front fender ③ to release tab from dashboard top ② as shown.



7. Carefully keep panels ① and ③ up and away from tabs and remove dashboard top ② by tilting rear section up and pulling out toward rear.

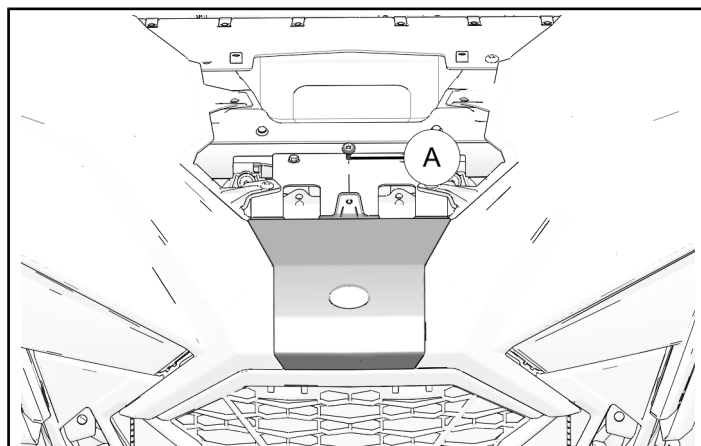
TIP

Have a second person to hold panels up.

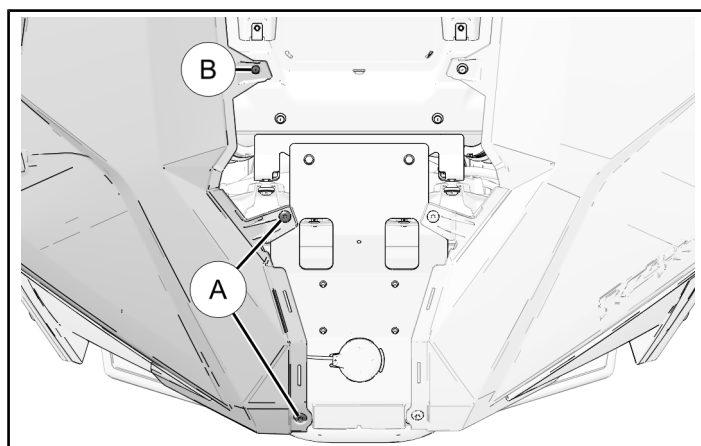


RIGHT-HAND HOOD DISASSEMBLY

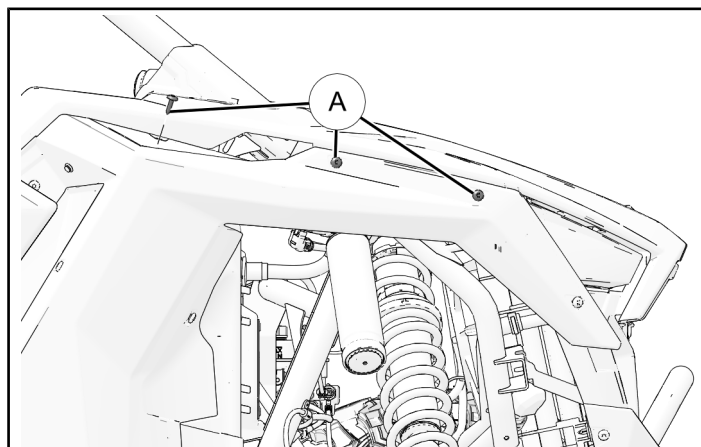
1. Remove and retain one fastener ④ to remove front hood panel.



2. Remove and retain two hood fasteners ④ and one push-pin rivet ⑤.



3. Remove and retain three front fender fasteners ④.



ACCESSORY INSTALLATION

ANTENNA INSTALLATION

HOOD PANEL PREPARATION

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

NOTE

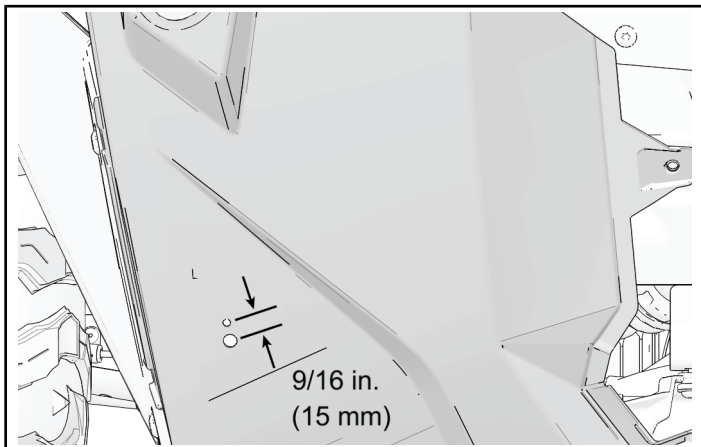
Exact location is not critical, however, ensure location allows ground strap to span distance of antenna base to chassis ground location (see step 4 of *Antenna Installation* section for ground strap location). If mast tilt functionality is desired, ensure location allows for tilt.

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

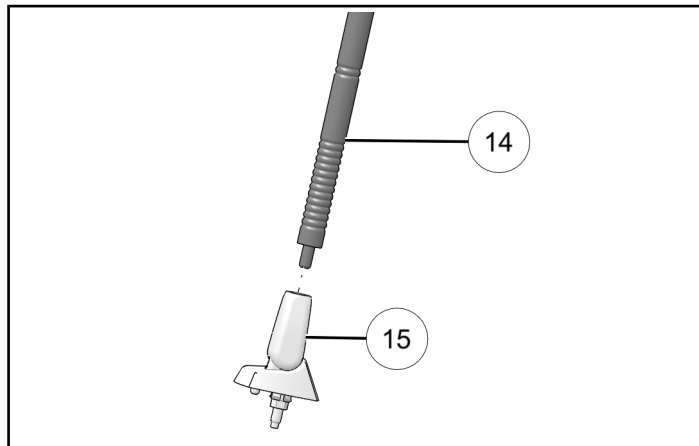
Antenna Mounting Post hole: **1/2 in. (12 mm)**

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

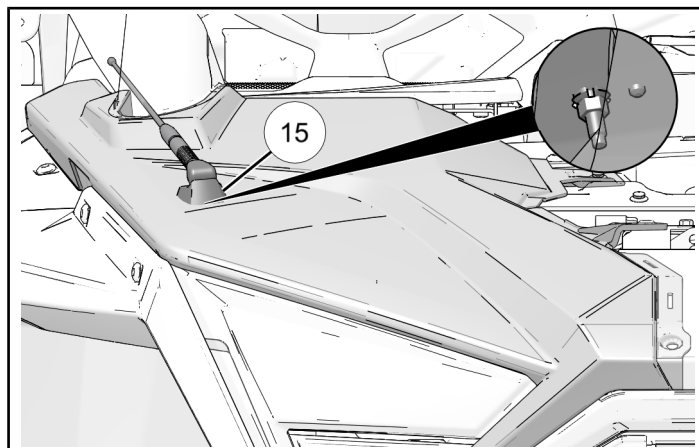
Ensure distance between center of each hole is 9/16 in. (15 mm), as shown in diagram below.

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.



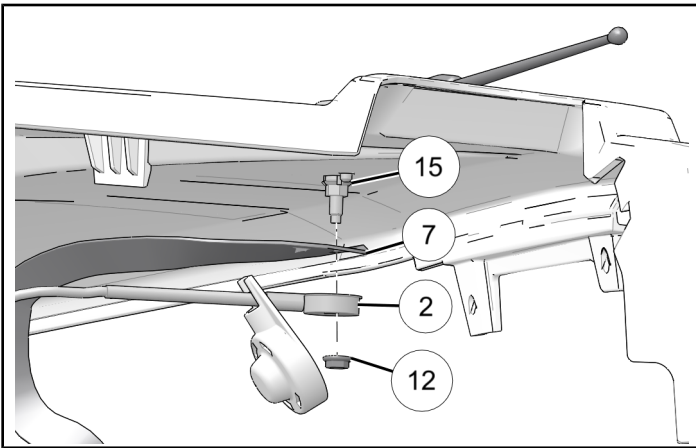
3. Pass antenna mount post ⑮ through ground strap ⑦, antenna harness ②, and secure with one nut ⑫. Place harness boot over nut after torquing.

TORQUE

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

NOTE

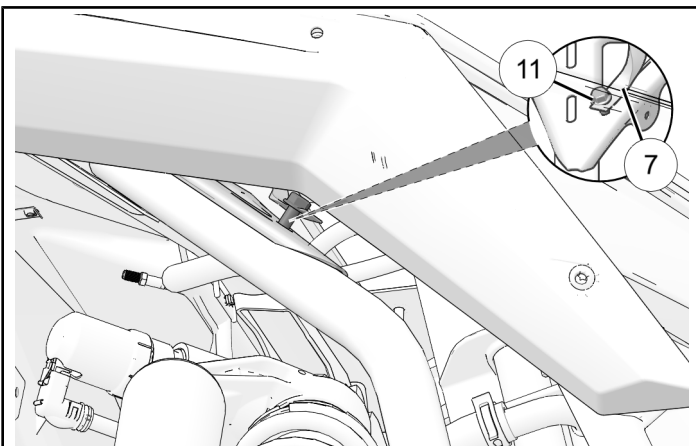
Vehicle body hidden for clarity.



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.

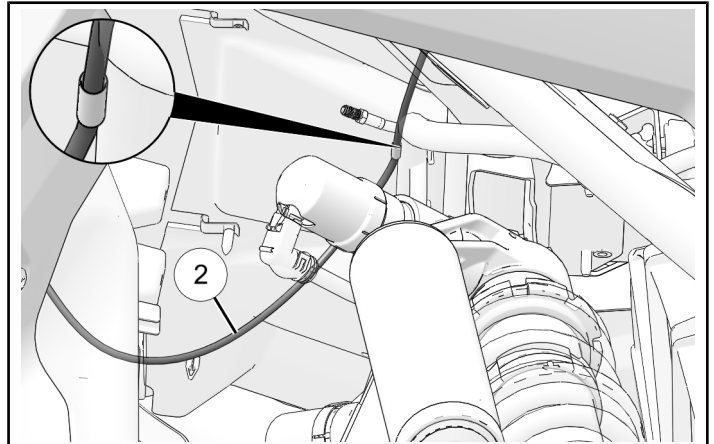
TORQUE

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

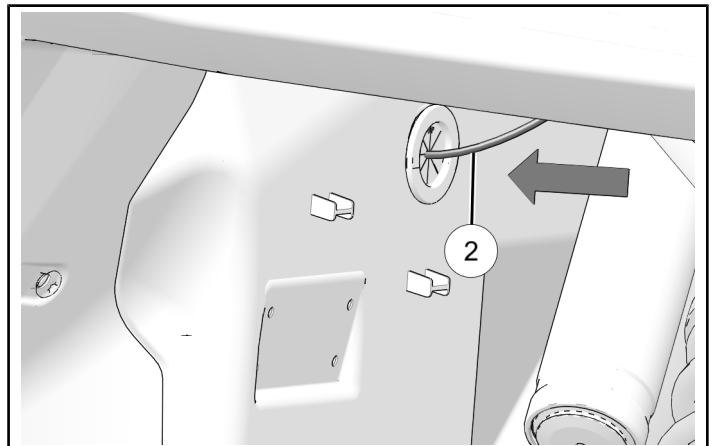


ANTENNA HARNESS ROUTING

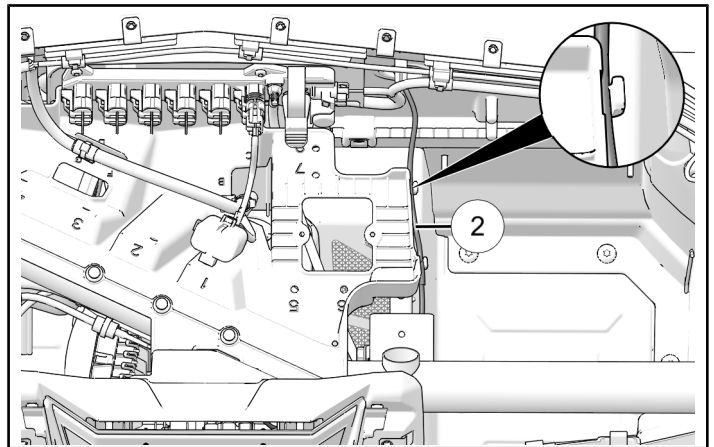
1. Begin routing harness ② towards firewall. Secure harness to electrical chassis harness with one cable tie ⑬ at taped location.



2. Pass harness ② through grommet in firewall.



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

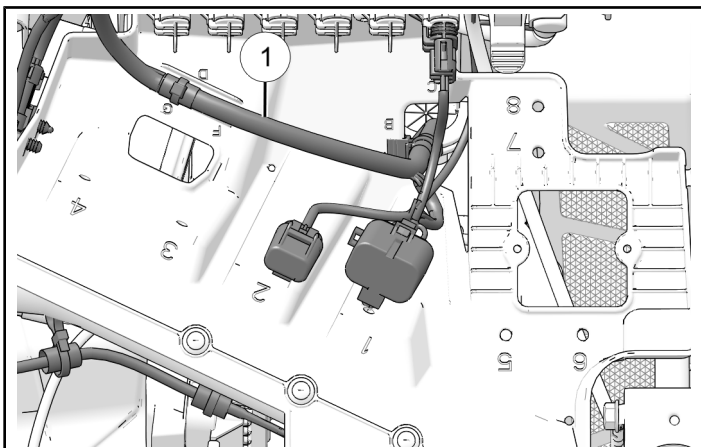


AUDIO HARNESS ROUTING

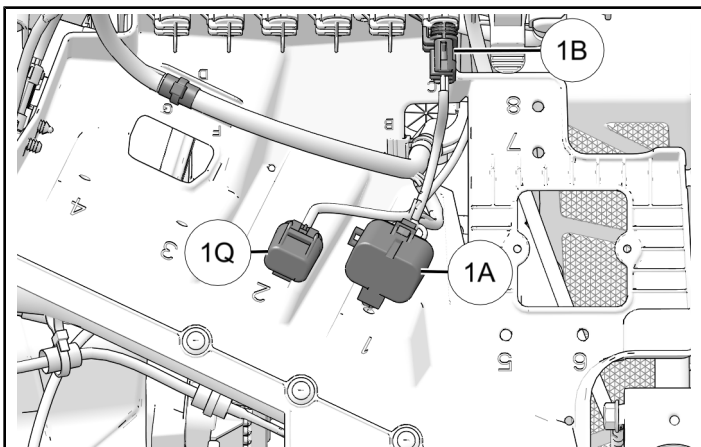
NOTE

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

1. Place audio harness ① in accessory mounting panel.



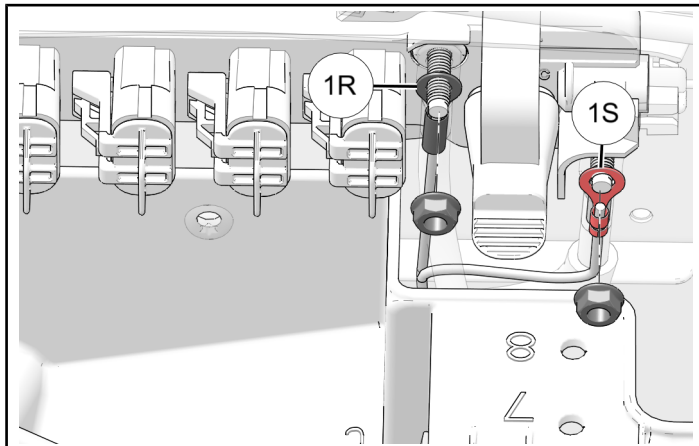
2. Install fuse relay 1A and fuse holder 1Q onto accessory mounting panel. Join power connector 1B to Polaris Pulse® bar. Secure harness to accessory mounting panel with one routing edge clip.



3. Remove two nuts from Polaris Pulse® bar. Place negative terminal ring 1R onto NEGATIVE terminal and reinstall nut. Place positive terminal ring 1S onto POSITIVE terminal and reinstall nut.

TORQUE

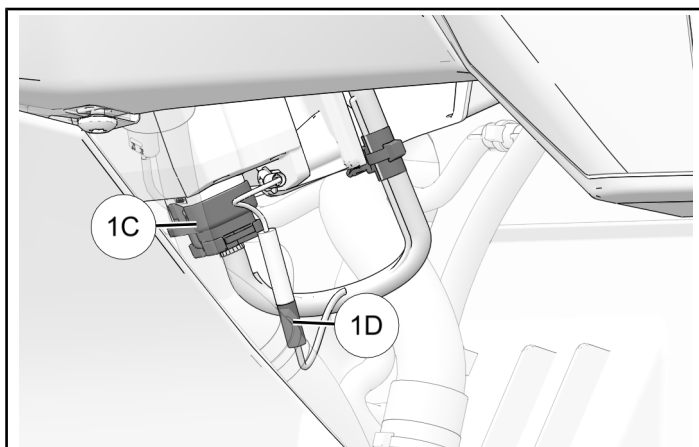
Terminal Block Nuts :
44 in-lbs (5 N·m)



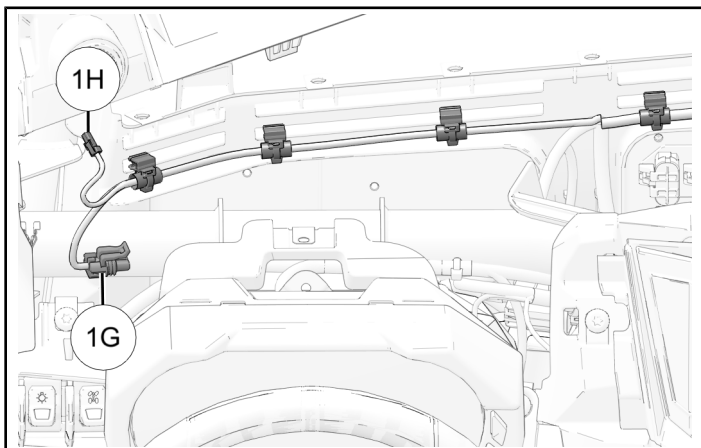
4. Route amplifier connector 1C and 1D through bottom opening of accessory mounting panel. Secure harness to accessory mounting panel with one routing edge clip. Join audio harness connectors 1C and 1D to amplifier.

TIP

Access from passenger side.

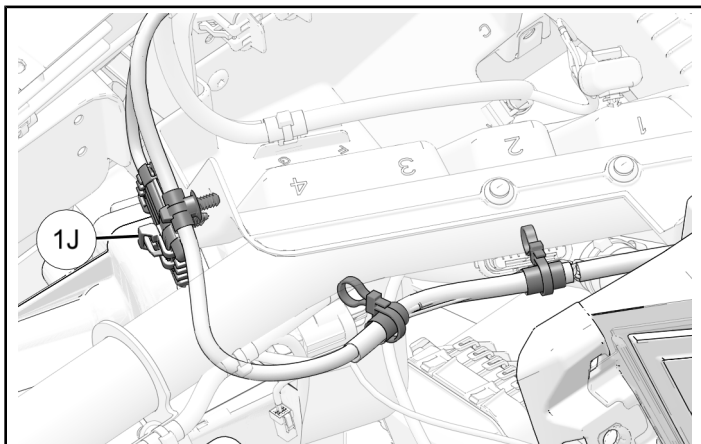


5. Route audio harness to driver side. Secure to front cab panel with four routing clips.

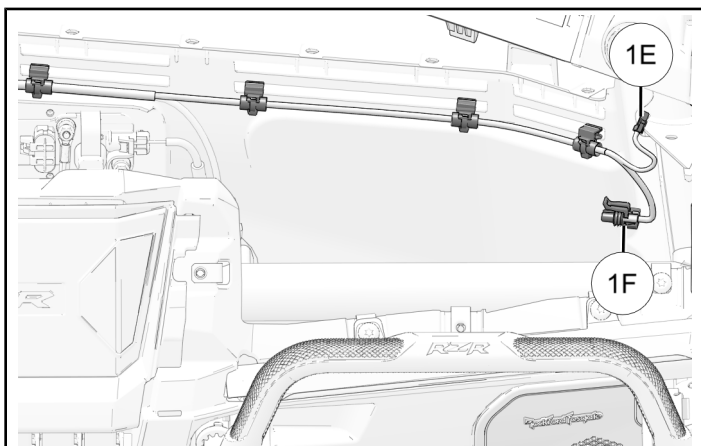


6. Join audio harness connector 1H to tweeter and connector 1G to driver.

7. 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. Secure audio harness to chassis electrical harness with two attached cable ties.



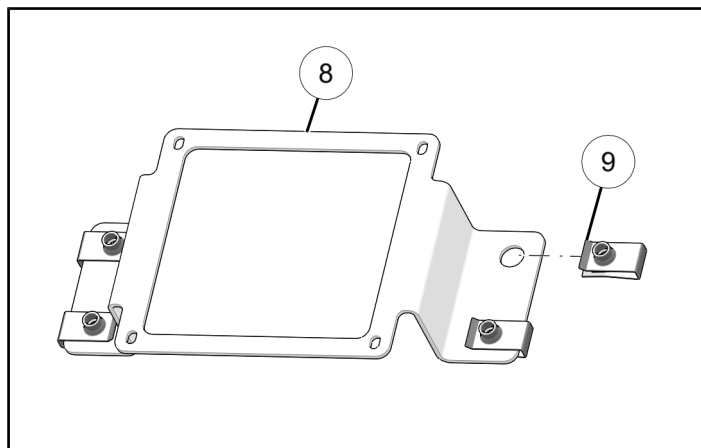
8. Route audio harness to passenger side. Secure to front cab panel with four routing clips.



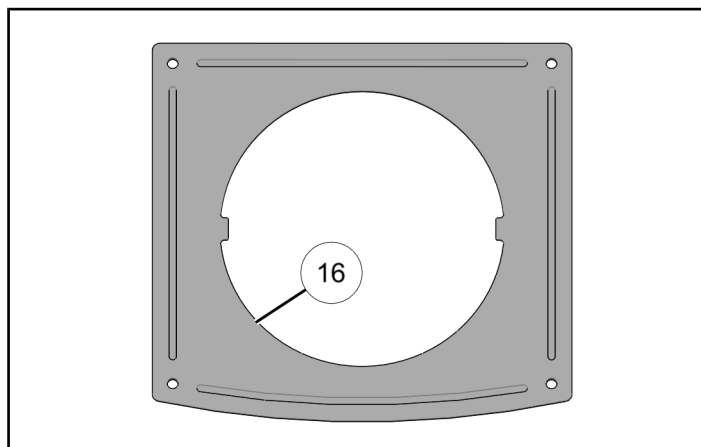
9. Join audio harness connector 1E to tweeter and connector 1F to driver.

HEAD UNIT INSTALLATION

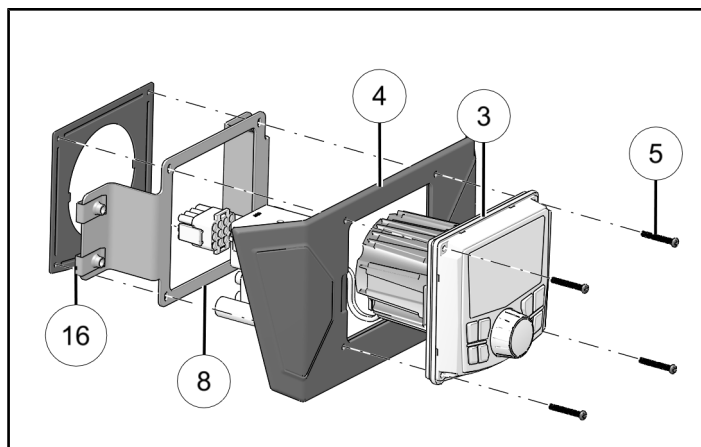
1. Install U-clip nuts ⑨ onto dashboard bracket ⑧.



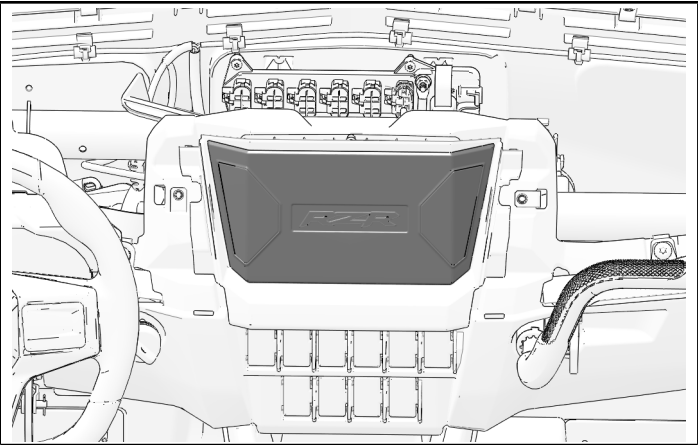
2. Note orientation of back plate ⑯.



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



4. Remove and discard cover panel.

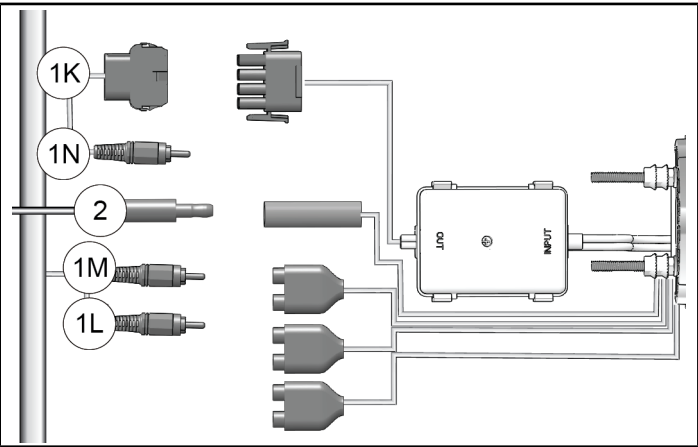


5. Join PMX head unit to audio harness.

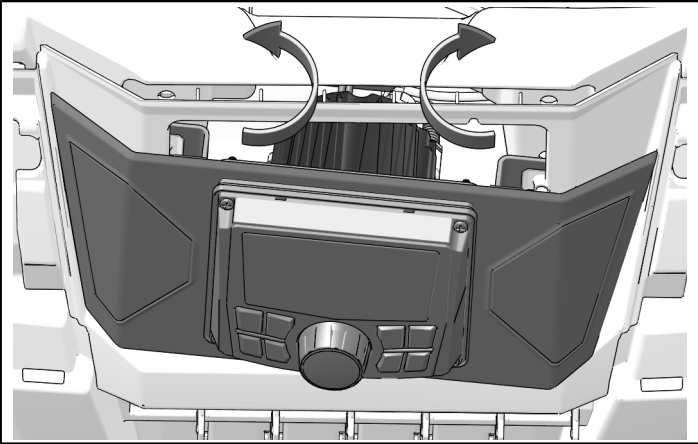
TIP

Connect an aftermarket USB cable (commercially available) to PMX head unit for mobile device charging and audio playback. Route USB cable through opening in center dashboard storage.

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



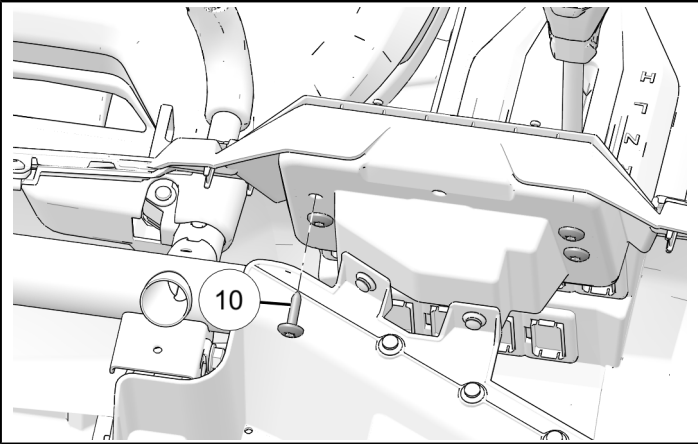
6. Maneuver head unit assembly so that dashboard bracket is positioned inside of dashboard and cover panel is flush against dashboard front.



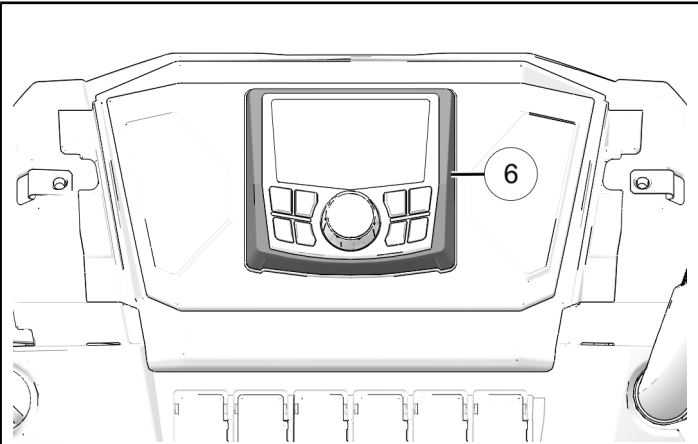
7. Secure PMX head unit to dashboard with four fasteners ⑩.

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

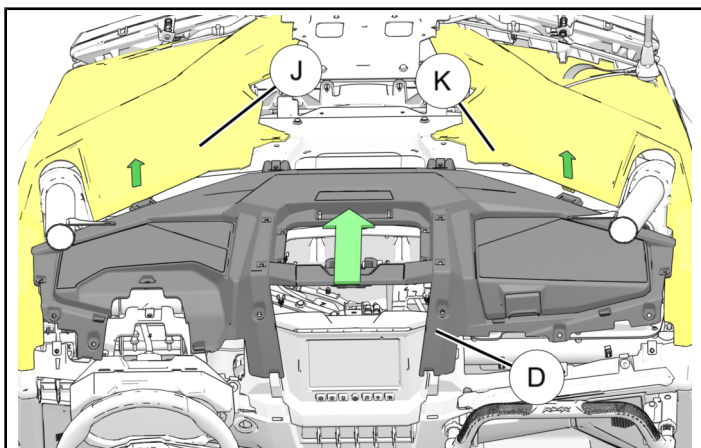
1. Verify audio connection is operating properly before proceeding with vehicle reassembly.

DASHBOARD TOP INSTALLATION

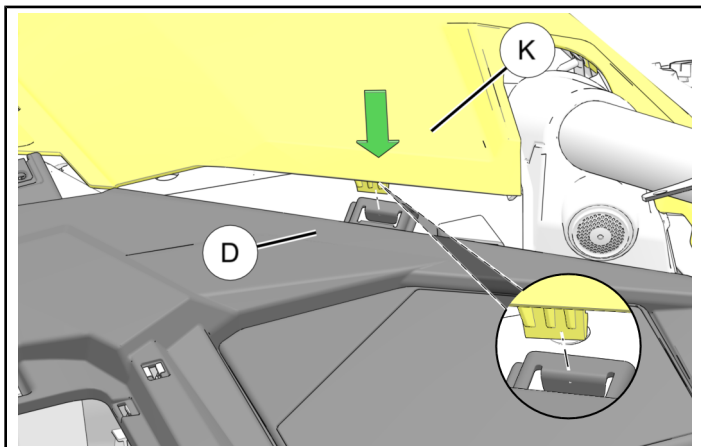
1. Carefully lift panels **J** and **K** up and away from tabs and install dashboard top **D** into place by tilting rear section up and installing front section first, then lower rear section into place.

TIP

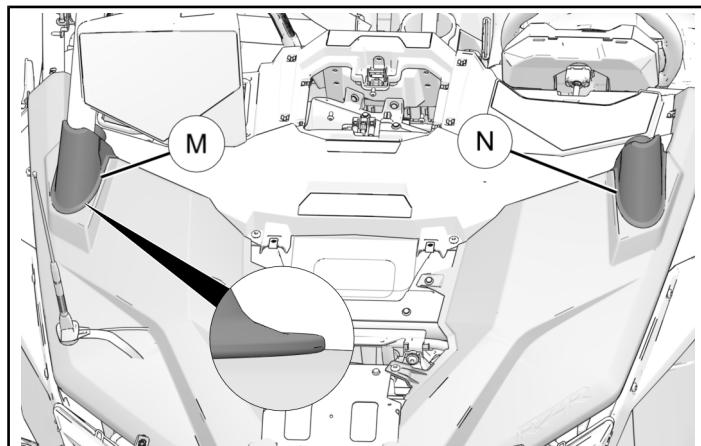
Have a second person to hold panels up.



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



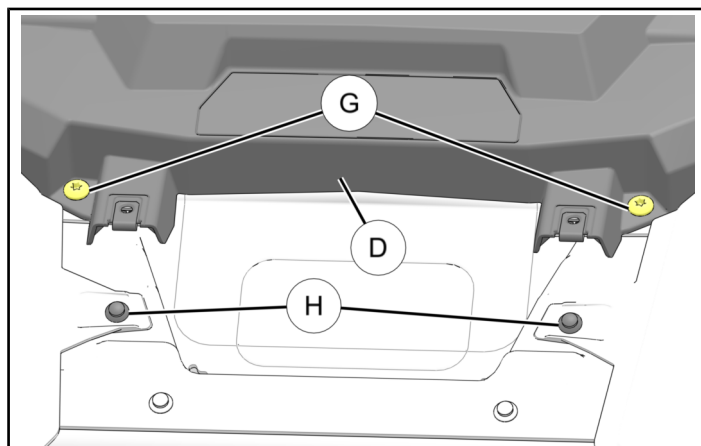
3. Ensure that both right **M** and left **N** rubber boots are properly installed. Only upper lip should be visible, as shown with inset.



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

TORQUE

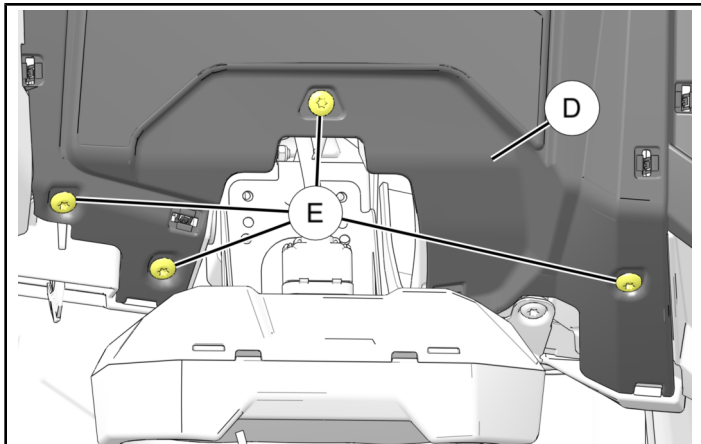
Screw **G**:
88 in-lbs (10 N·m)



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

TORQUE

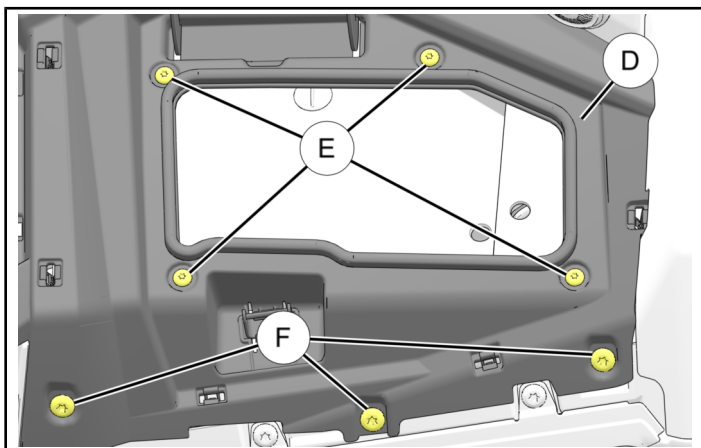
Screw **(E)**:
88 in-lbs (10 N·m)



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

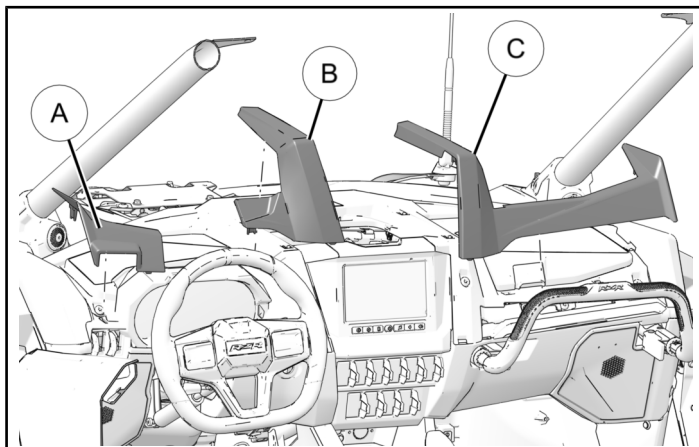
Screw **(E)** and **(F)**:
88 in-lbs (10 N·m)



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

TIP

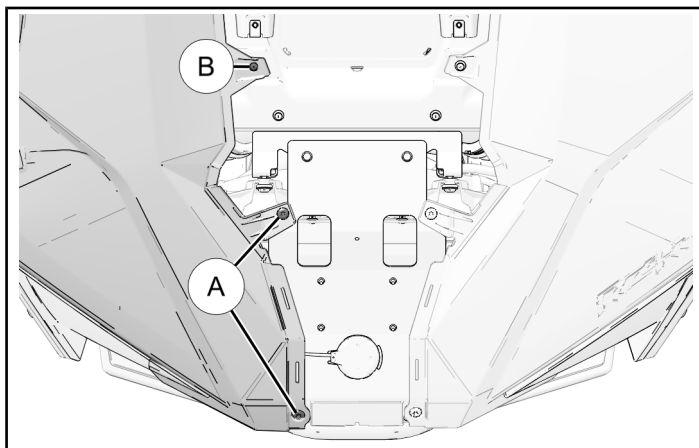
Release steering tilt lock for better access.



RIGHT-HAND HOOD PANEL ASSEMBLY

1. Reinstall right-hand hood panel with two hood fasteners **(A)** and one push-pin rivet **(B)**.

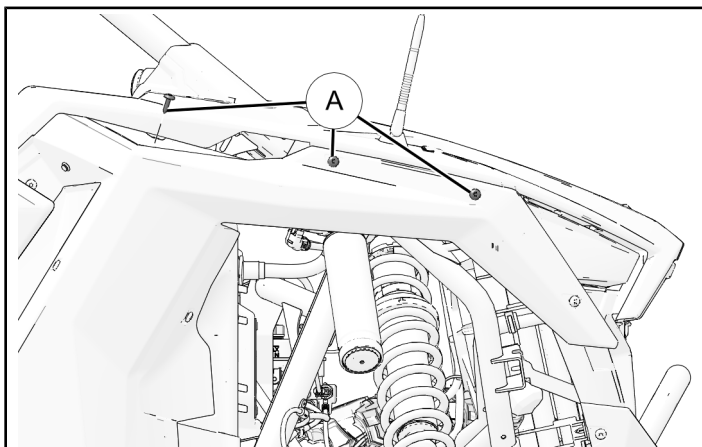
Do not torque hood fastener **(A)** at this time.



2. Reinstall right-hand hood panel with three hood fasteners (A).

TORQUE

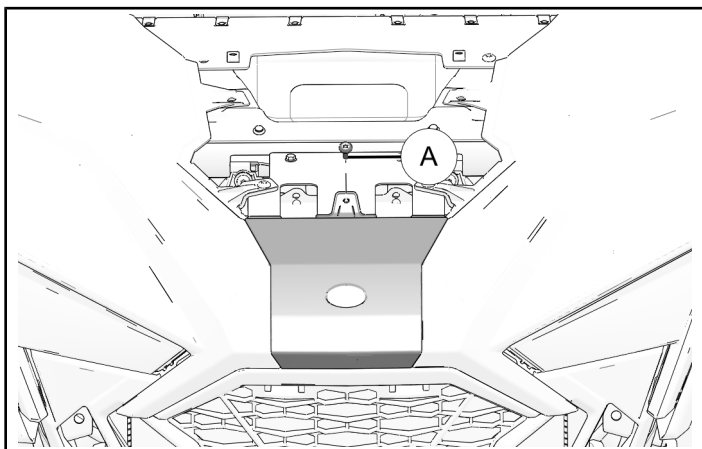
Hood Fasteners (A):
89 in-lbs (10 N·m)



3. Reinstall hood nose panel with one fastener (A).

TORQUE

Hood Fastener (A):
89 in-lbs (10 N·m)



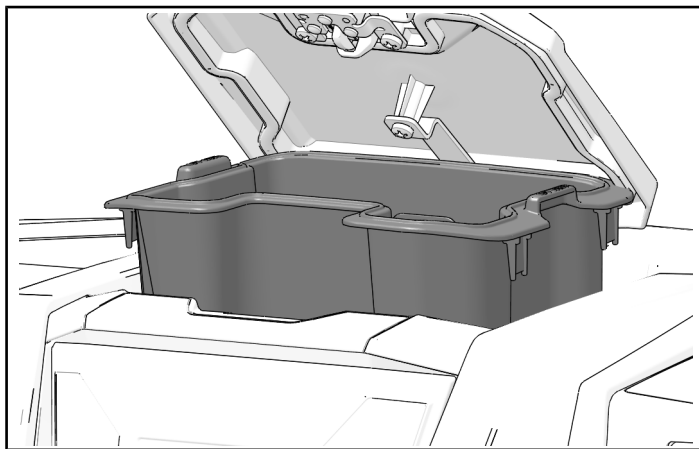
FEEDBACK FORM

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.



DASHBOARD STORAGE INSTALLATION

1. Slide storage compartment into dashboard cavity.



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)

