

RIDE COMMAND™ 7" DISPLAY MOUNT KIT



P/N 2882069, 2883114

APPLICATION

Verify accessory fitment at Polaris.com.

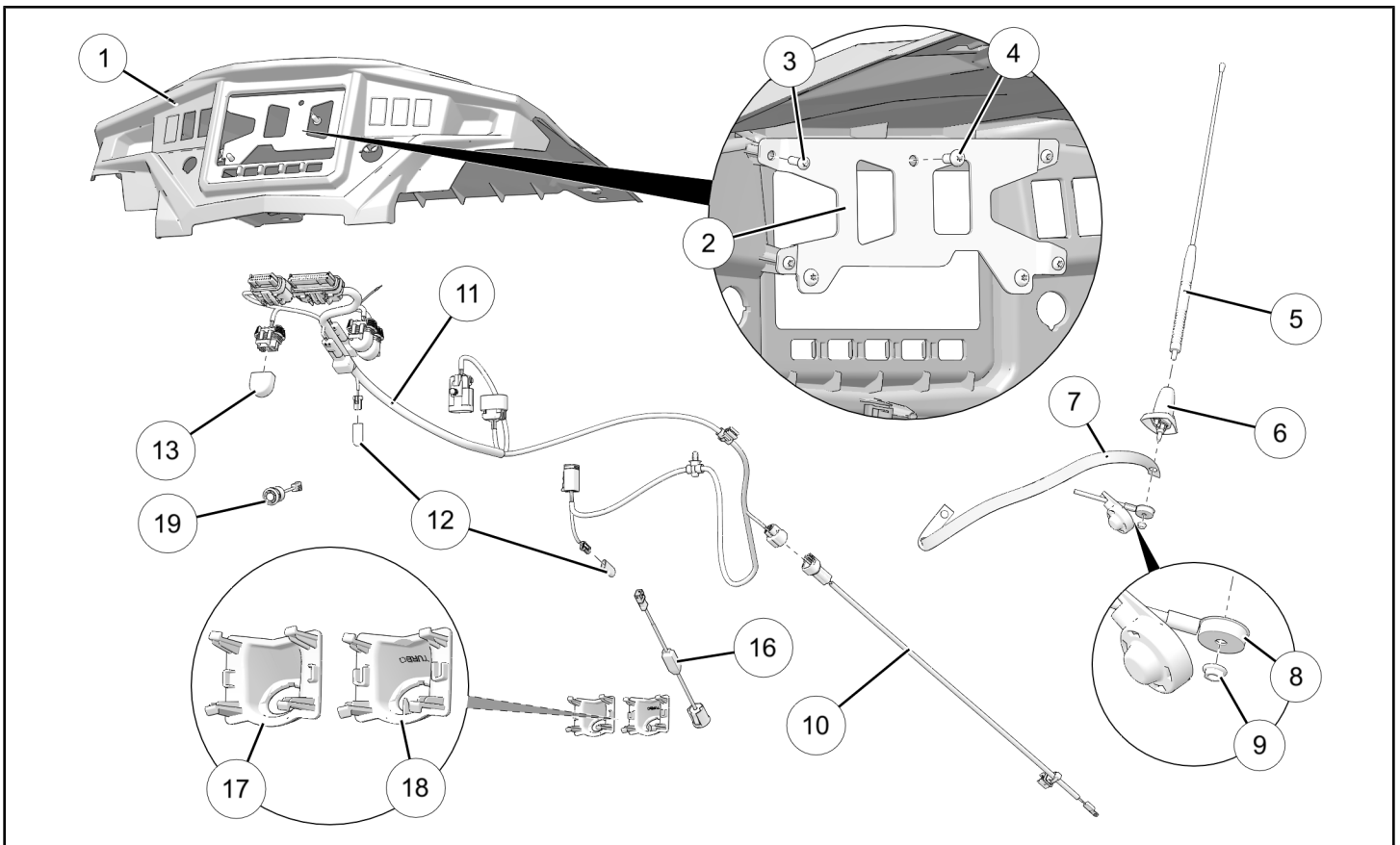
BEFORE YOU BEGIN

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.

KIT CONTENTS

This kit contains parts for installation of the display mount only. Installation of the RIDE COMMAND™ 7" Display Kit, PN 2882068, 2882900, or equivalent, is also required (sold separately).

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Dash (Instrument) Panel, Upper (Kit PN 2882069 only)	2636288-070
	1	Dash (Instrument) Panel, Upper (Kit PN 2883114 only)	2637083-070
2	1	Bracket, Display	5262904-329
3	4	Screw, Torx®, High/Low - #10 X 1/2 (Kit PN 2882069 only)	7512076
		Screw, Torx®, High/Low - #10 X 3/4 (Kit PN 2883114 only)	7512026
4	3	Screw, Torx® Button Head - M6 X 1.0 X 12	7519063
5	1	Mast, Antenna, AM/FM	4014849
6	1	Base, Antenna, AM/FM	4016695

REF	QTY	PART DESCRIPTION	PART NUMBER
7	1	Ground Strap, Antenna, AM/FM	4016696
8	1	Harness, Antenna, AM/FM	2411489
9	1	Nut, Hex Flange - M5 X 0.8	7547437
10	1	Harness, Ambient Air Temperature Sensor	2413743
11	1	Harness, Display (includes items 12–13)	-
12	2	. Cap, Video	5438230
13	3	. Cap, Audio	5438233
14	1	Tubing, Heat Shrink (not shown)	-
15	20	Cable Tie (not shown)	7080492
16	1	Camera, Front (Kit PN 2883114 only)	4016639
17	1	Mount, Front Camera (RZR® 900/4 900, RZR® S 900, RZR® S 1000, RZR XP® 1000/XP® 4 1000, and MY16 RZR XP® Turbo/XP® 4 Turbo) (Kit PN 2883114 only)	-
18	1	Mount, Front Camera (MY17 and newer RZR XP® Turbo/XP® 4 Turbo) (has "TURBO" embossed on interior of mount) (Kit PN 2883114 only)	-
19	1	Camera, Rear (Kit PN 2883114 only)	4015873
20	1	Harness, Rear Camera (Kit PN 2883114 only) (not shown)	2413452
21	3	Harness, Audio Adapter (Kit PN 2883114 only) (not shown)	-
	1	Instructions	9927323

TOOLS REQUIRED

- Safety Glasses
- Cutting Tool
- Drill
- Drill Bit: 3/16 inch (5 mm), 1/4 inch (6 mm), 1/2 inch (12 mm), 3/4 inch (19 mm), 7/8 inch (22 mm)
- Heat Gun (or equivalent)
- Screwdriver Set, Torx®
- Screwdriver, Slotted (1/8 inch)

IMPORTANT

Your RIDE COMMAND™ 7" Display Mount 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

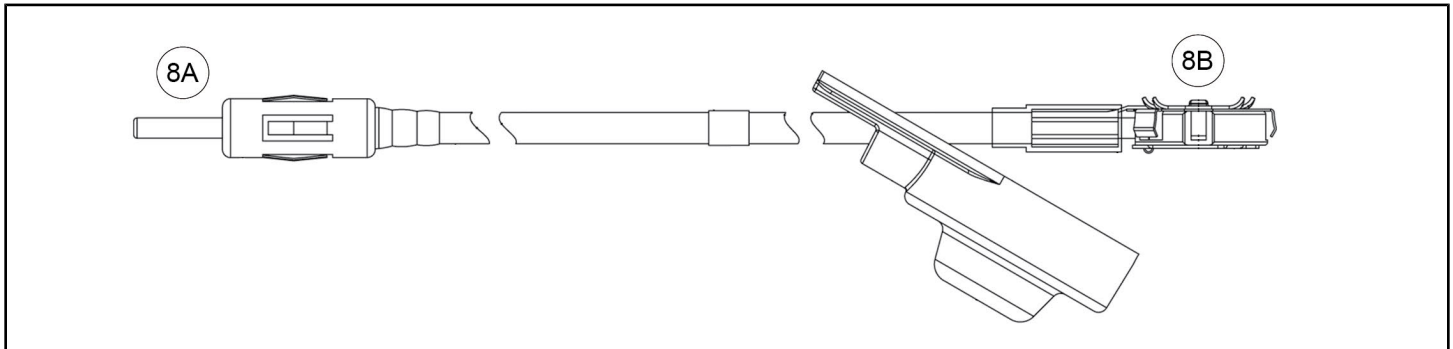
Approximately 2–3 hours

NOTE

Additional time may be required for optional steps, or to accommodate other accessories.

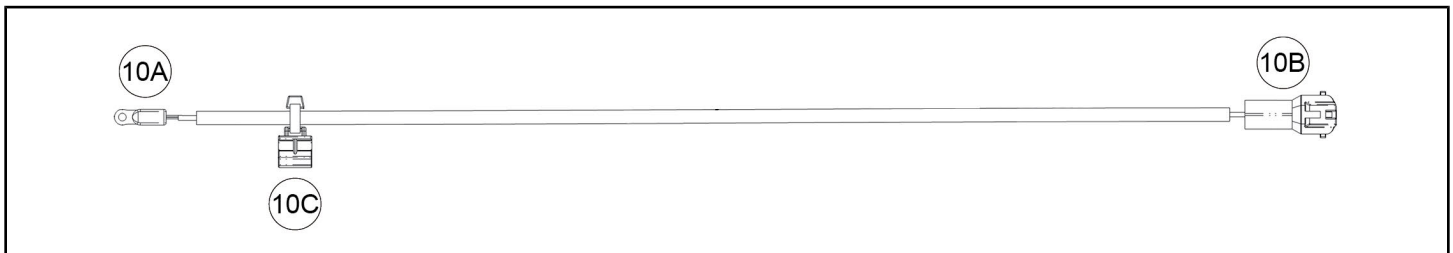
HARNESS DETAIL

AM/FM ANTENNA HARNESS ⑧:



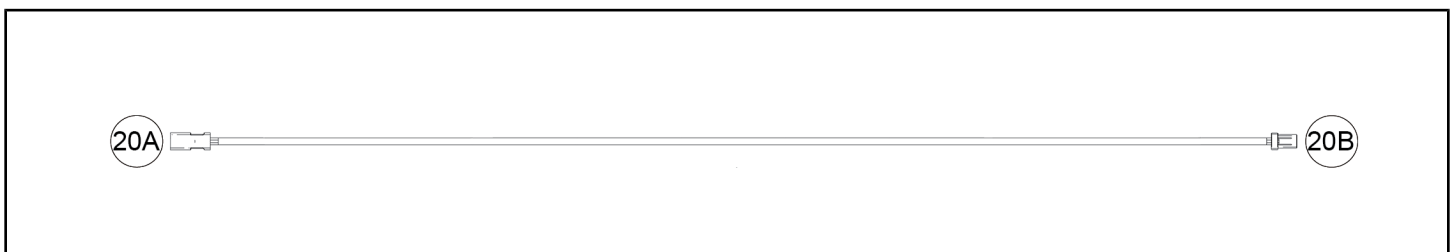
REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
8A	Connector, AM/FM Antenna	-	RF coaxial	Ride Command™ display
8B	Connector, AM/FM Antenna	-	FIAMM	Antenna base ⑥

AMBIENT AIR TEMPERATURE SENSOR HARNESS ⑩:



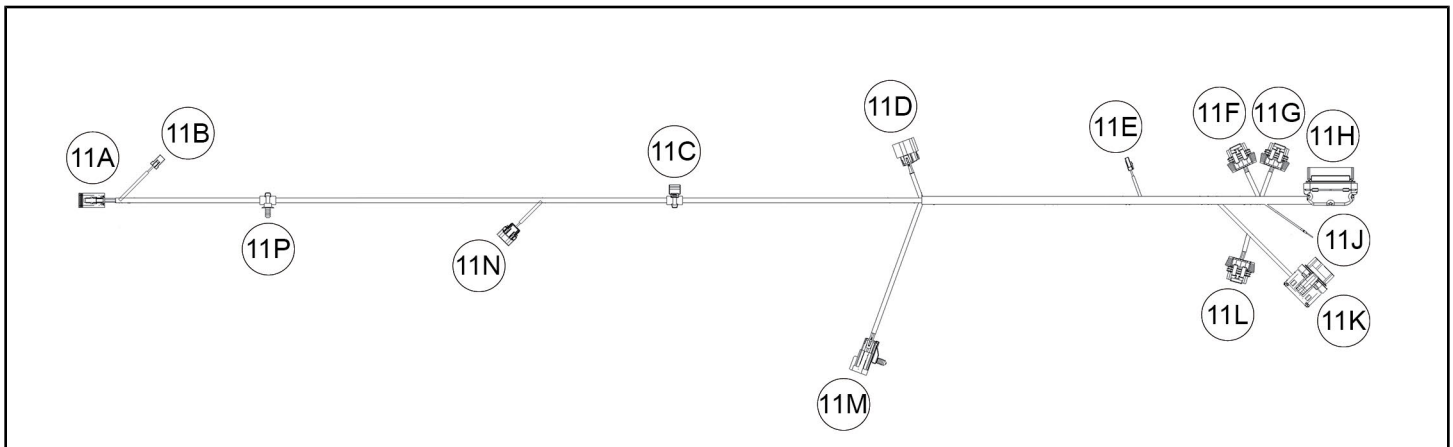
REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
10A	Sensor, Ambient Air Temperature	-	-	Nothing (exposed to ambient air flow)
10B	Connector, Ambient Air Temperature	-	2 male	Display harness ⑪, connector 11N
10C	Clip, Edge	-	-	Vehicle structure

REAR CAMERA HARNESS ⑳: (Kit PN 2883114 only)



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
20A	Connector, Display Harness Video Rear	-	4 male	Display harness ⑪, connector 11E
20B	Connector, Rear Camera	-	4 female	Rear camera ⑲

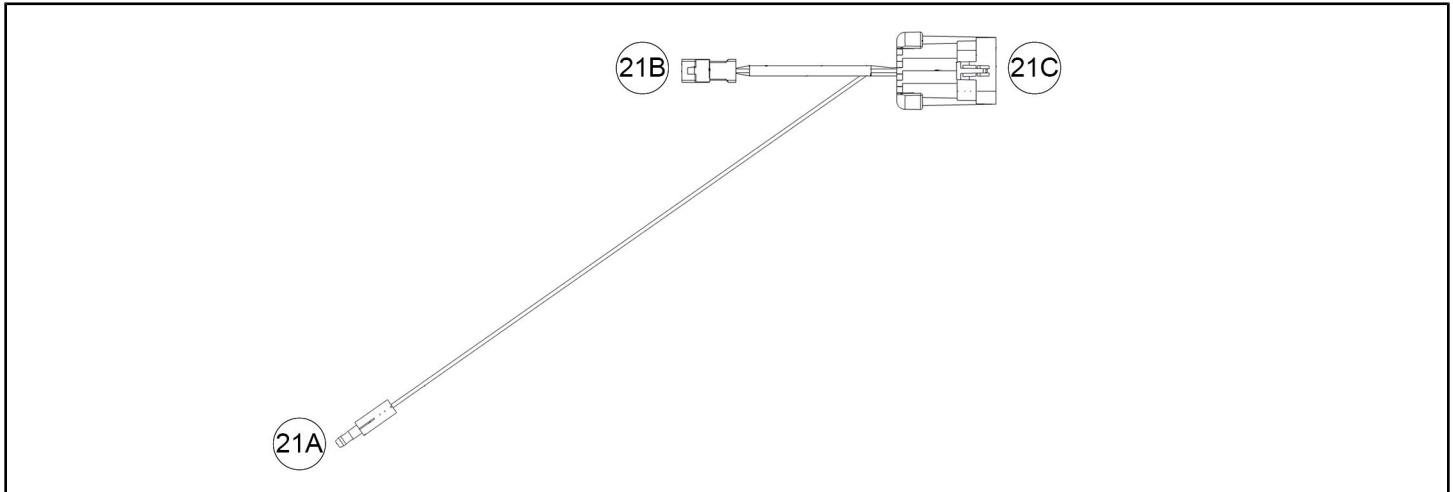
DISPLAY HARNESS ⑪:



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
11A	Connector, GPS Antenna	-	4 female	GPS antenna; included in RIDE COMMAND™ 7" Display Kit (PN 2882068, 2882900*)
11B	Connector, Video Front (with cap)	-	4 female	Front camera ⑩ or Front Camera Kit (PN 2882381*)
11C	Clip, Edge	-	-	Vehicle structure
11D	Connector, Vehicle Diagnostic	-	8 female	Nothing (becomes new vehicle diagnostic port)
11E	Connector, Video Rear (with cap)	-	4 female	Rear camera ⑩ or Rear Camera Kit (PN 2881653*)
11F	Connector, Audio Amp 1 (with cap)	-	8 female	OPTIONAL: Audio Pod Kit (PN 2881227*) or Door Panel Speaker Amplifier Kit (PN 2882122*); mount kit PN 2882069 also requires Audio Adapter Kit(s) (PN 2882534 or 2883232*)
11G	Connector, Audio Amp 2 (with cap)	-	8 female	
11H	Connector, Display	-	32 female	Ride Command™ display
11J	Connector, Pin, High Beam Input	Yellow	1 male	Yellow wire/female pin #8 removed from 16-pin chassis harness connector; see installation Step 6d
11K	Connector, Display	-	16 female	Ride Command™ display
11L	Connector, Audio Amp 3 (with cap)	-	8 female	OPTIONAL: Subwoofer Kit (PN 2882063*); mount kit PN 2882069 also requires Audio Adapter Kit (PN 2882534 or 2883232*)
11M	Connector, Vehicle Diagnostic	-	8 male	Existing vehicle side diagnostic port
11N	Connector, Ambient Air Temperature Sensor	-	2 female	Ambient Air Temperature Sensor ⑩, connector 10B
11P	Clip, Routing	-	-	Vehicle structure

* Or compatible kit.

AUDIO ADAPTER HARNESS ①: (Kit PN 2883114 only)



REF	PART DESCRIPTION	WIRE COLOR	PIN QTY/ GENDER	CONNECTS TO
21A	Connector, Bullet, Remote On	Blue	1 male	Audio Pod Kit (PN 2881227*) or Door Panel Speaker Amplifier Kit (PN 2882122*)
21B	Connector, Audio Out	-	4 male	
21C	Connector, Display	-	8 male	Connectors 11F, 11G, or 11L; see installation Step 11b.

* Or compatible kit.

INSTALLATION INSTRUCTIONS

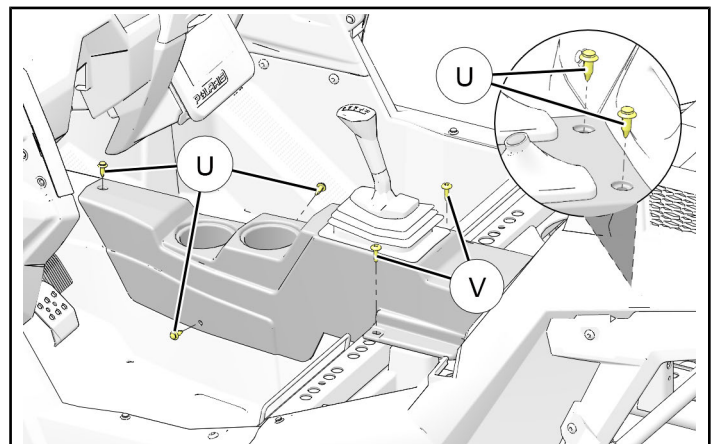
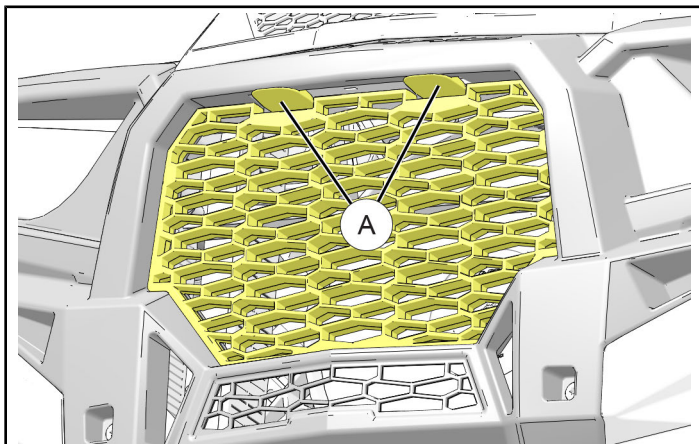
1. Shift vehicle transmission into “PARK”. Turn key to “OFF” position and remove from vehicle.
2. Remove driver’s (or left rear passenger) seat and disconnect black negative (-) cable from battery.
3. Gain access.
 - a. Remove hood.
 - b. Remove windshield (if installed).
 - c. Remove front grille by carefully depressing two tabs ① at top of grille, then tip outward.

Additional access requirements for kit PN 2883114:

- a. Remove seats.
- b. Remove center floor console.

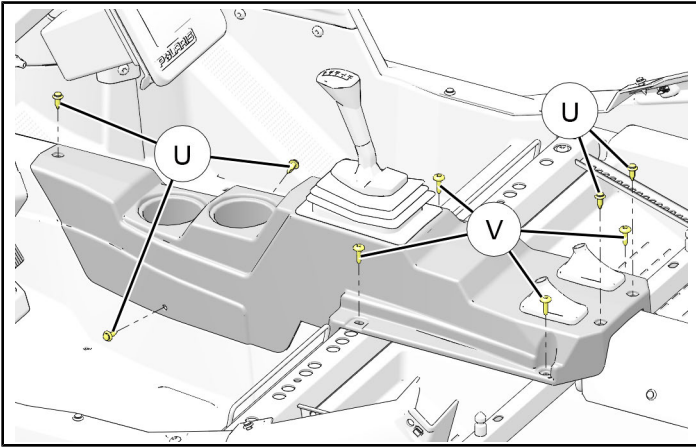
2-SEAT VEHICLES

Remove five push pin rivets ① and two screws ②. Remove center console, pushing boots for gear shift and seat belt through console openings. Retain rivets and screws.

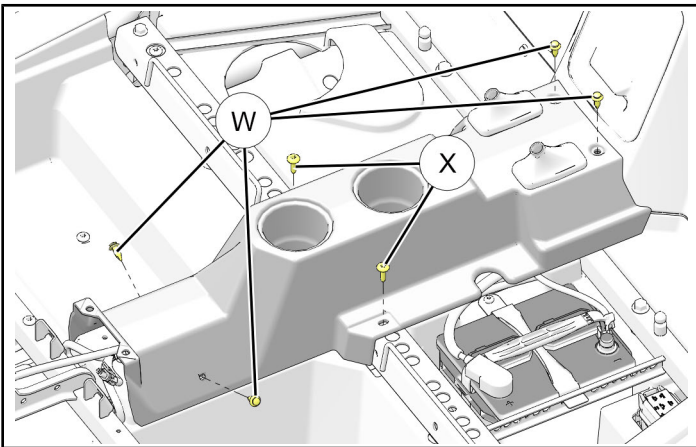


4-SEAT VEHICLES

- i. Remove five push pin rivets **U** and four screws **V** from front floor console. Remove console, pushing boots for gear shift and seat belt through console openings. Retain rivets and screws.

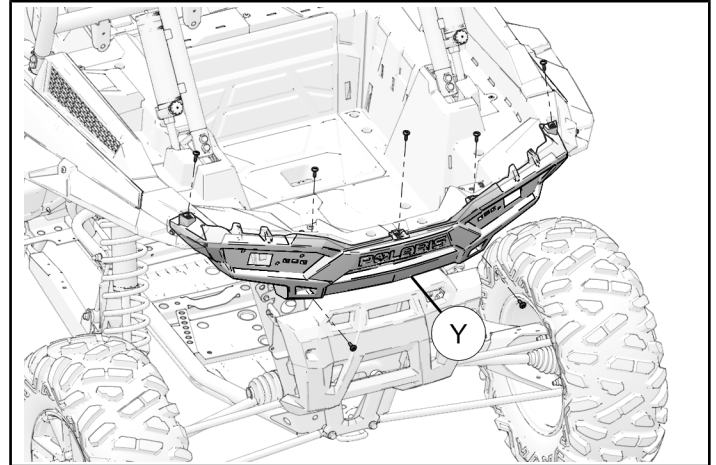


- ii. Remove four push pin rivets **W** and two screws **X** from rear floor console. Remove console, pushing boots for gear shift and seat belt through console openings. Disconnect RH side auxiliary power port (if installed). Retain rivets and screws.



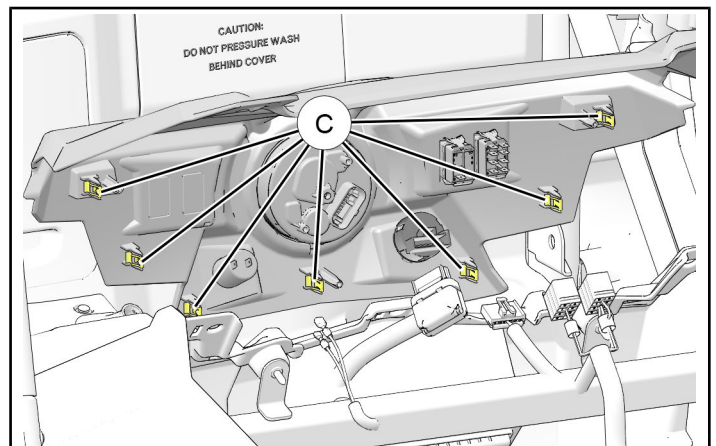
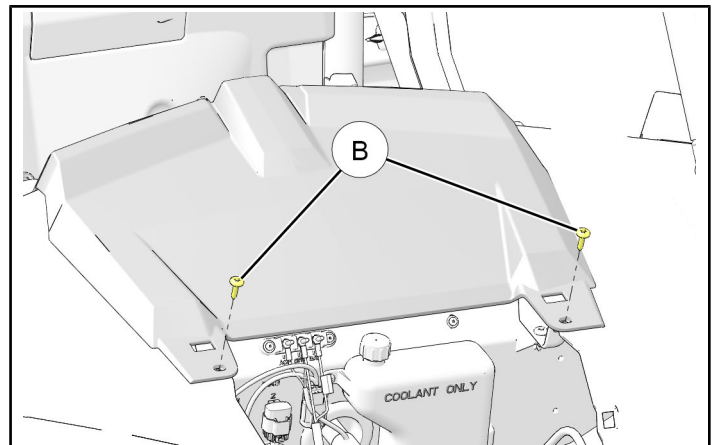
- c. Remove engine access panel (located between seats).

- d. Remove tail light trim panel **Y** by removing seven screws from upper surface, and two screws from rear surface.



4. Remove existing upper dash panel.

- a. Remove two screws **B** securing front of upper dash panel, then carefully pull panel rearward, disengaging seven retaining clips **C** as shown.



- b. Label and disconnect all electrical harnesses from panel, then remove panel from vehicle. Panel will not be reused.

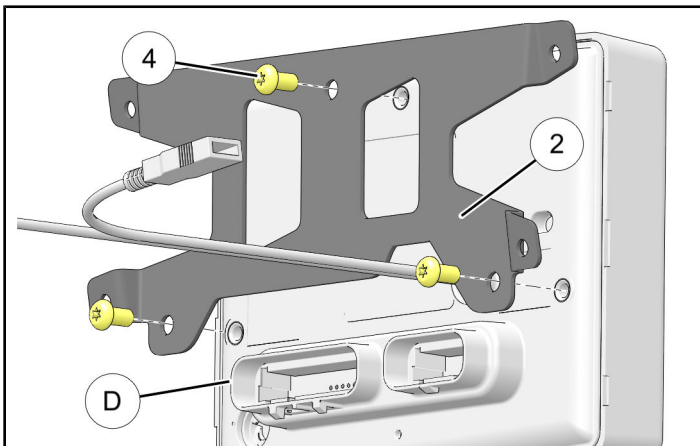
NOTE

16-pin chassis harness disconnected from instrument display will be disassembled in Step 6.

5. Prepare new upper dash panel.
 - a. Transfer all switches/components from existing upper dash panel to new upper dash panel ①, carefully cutting and removing rectangular switch blanks as required.
 - b. Install bracket ② to RIDE COMMAND™ 7" Display Kit ④, PN 2882068, 2882900, or equivalent (sold separately), using three screws ④. Torque to specification.

TORQUE

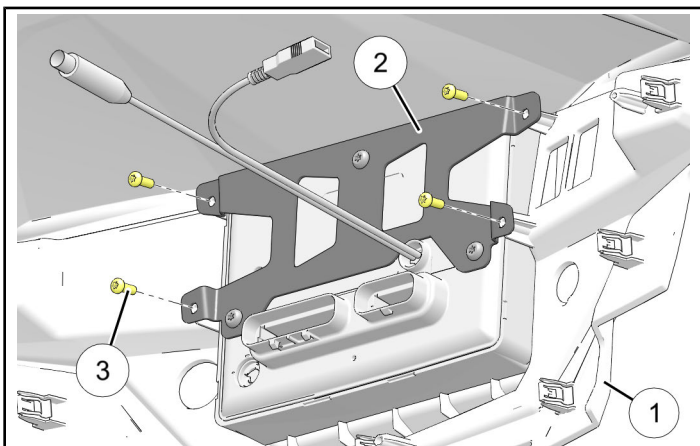
30 ± 3 in. lbs. (3.4 ± 0.3 Nm)



- c. Install bracket ② (with display ④) to new upper dash panel ① using four screws ③. Torque to specification.

TORQUE

14 ± 1 in. lbs. (1.6 ± 0.2 Nm)

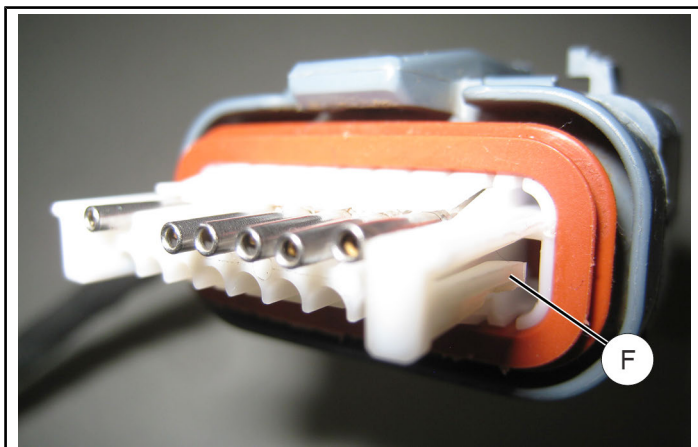
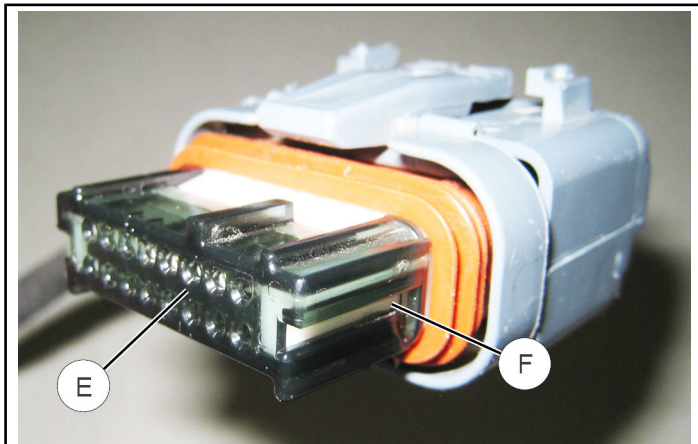


6. Transfer pins/wires from CHASSIS harness 16-pin connector, disconnected in Step 4b, to display harness ⑩.
 - a. Using small slotted screwdriver, disengage pin lock ⑤ from 16-pin chassis harness connector by depressing white tab ⑥ on each side of connector. Remove and retain pin lock.

Repeat for 32-pin connector 11H on display harness ⑩.

NOTE

16-pin connector shown; 32-pin connector similar.

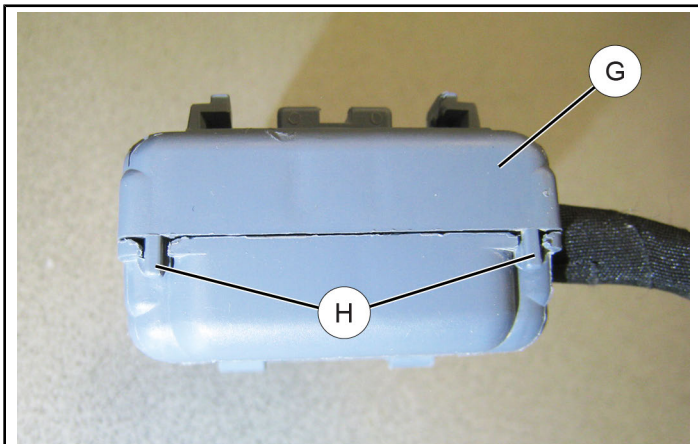


- b. Using small slotted screwdriver, open backshell ⑥ on 16-pin connector by unlatching tab ⑨ on each side of backshell.

Repeat for 32-pin connector 11H on display harness ⑪.

NOTE

16-pin connector shown; 32-pin connector similar.



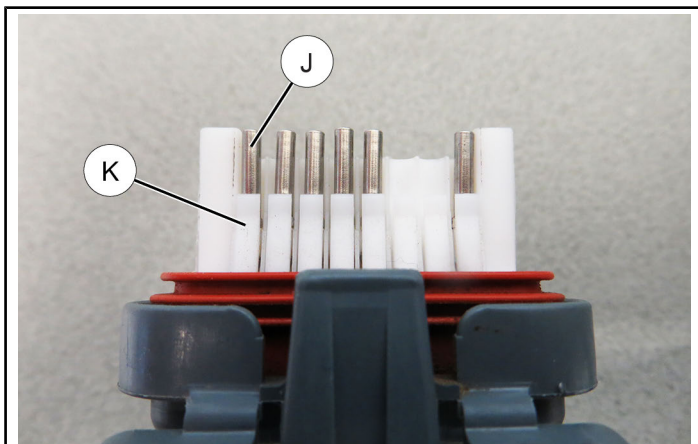
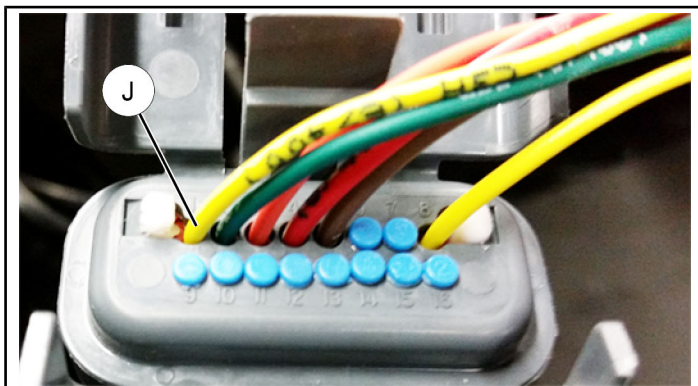
- c. Transfer five pins/wires from 16-pin CHASSIS harness connector to 32-pin connector 11H on display harness ⑪ per following table:

WIRE COLOR	FROM 16-Pin Connector Hole #	TO 32-Pin Connector Hole #
Yellow	1	29
Dark Green	2	30
Orange	3	31
Red/White	4	32
Brown	5	16

- i. Beginning with pin/yellow wire ① in hole #1 of 16-pin connector, slightly lift white locking tab ② away from pin with small slotted screwdriver.

IMPORTANT

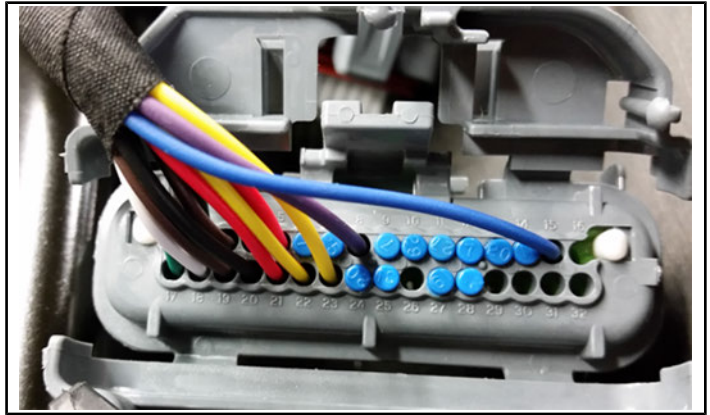
The 16-pin connector contains TWO yellow wires; ensure pin/wire in hole #1 is removed (NOT hole #8).



- ii. While holding white locking tab (K) away from pin, use fingernail to lift pin (I) from nest (L) as shown, then gently push pin into connector and/or gently pull corresponding wire from rear.

IMPORTANT

Do NOT forcibly push pin or pull wire. Pin will easily slide through connector when white locking tab is disengaged AND when pin is lifted from nest (nest contains a locking feature similar to the white tab).



- iv. Repeat for remaining pins/wires 2, 3, 4, and 5 per previous table.

NOTE

Pin/yellow wire in hole #8 will be transferred in next step.

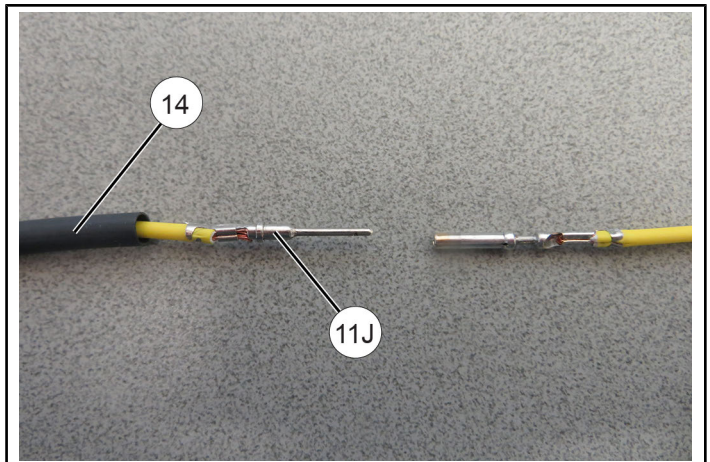
- d. Join pin/yellow wire #8 from 16-pin chassis harness connector to display harness breakout as follows:

- i. Remove FEMALE pin/yellow wire from hole #8 of 16-pin connector.

NOTE

Yellow wire may have black stripe.

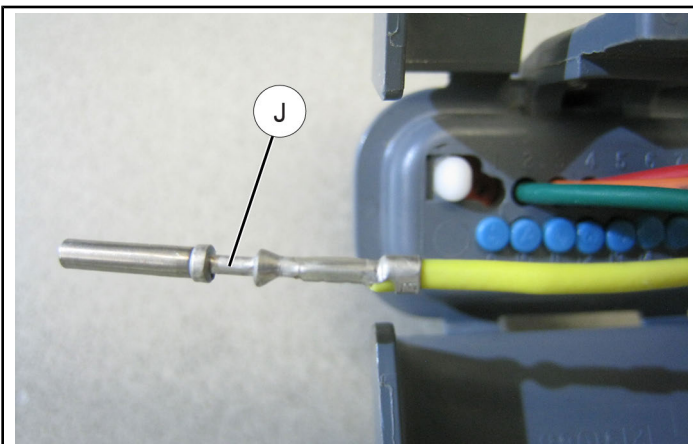
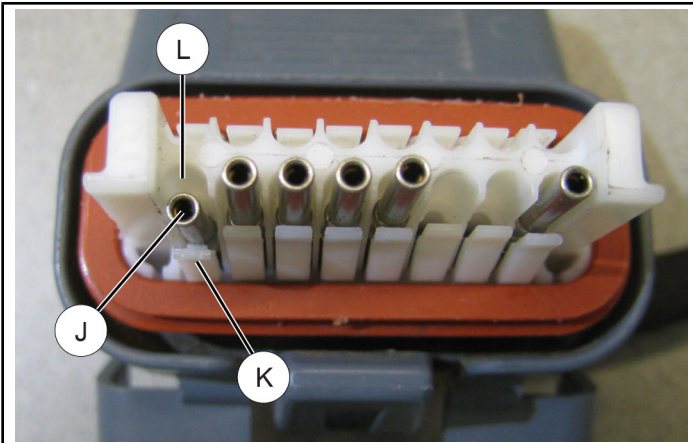
- ii. Locate corresponding MALE pin/yellow wire 11J on display harness (11), then slide heat shrink tubing (14) over pin and wire.



- iii. Join male and female pins, center heat shrink tubing over connection, then shrink in place. Ensure pins remain together during shrink operation, and insulation is not damaged by excessive heat.

NOTE

Male and female pins do not snap together. Connection is maintained ONLY by recovered (shrunk) tubing.

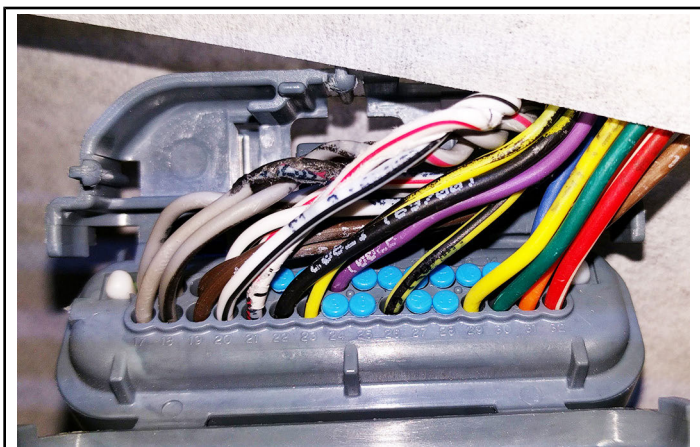


- iii. Insert removed pin/yellow wire (I) into hole #29 of 32-pin connector 11H on display harness (11). When pin is fully seated and locked white locking tab (K) will lay flat against pin, and an audible click may be heard.

NOTE

Applicable holes are already open from factory. Do not remove blue plugs.

- e. Finished 32-pin display harness connector 11H should look as shown.



- f. Close backshell ⑥ and reinstall pin lock ⑤ on 32-pin display harness connector 11H.

NOTE

Pin lock is keyed to ensure proper orientation. If pin lock does not fit, turn pin lock over and try again. Empty 16-pin chassis harness connector and its corresponding pin lock ⑤ will not be used.

7. Position new upper dash panel ① in vehicle, then reconnect all electrical harnesses disconnected in Step 4b. Do not secure panel to vehicle at this time.

NOTE

If vehicle was equipped with a digital display unit using an additional 24-pin harness connection, then secure that 24-pin harness inside upper dash compartment; it will not be used. In addition, push rubber grommet on existing USB connector (located in dash storage compartment) into upper dash compartment and secure. USB functionality provided by the RIDE COMMAND™ 7" Display.

8. Install AM/FM antenna.

NOTE

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

- a. Mark two holes on top of right front fender for alignment pin ④ and antenna mounting post ⑤, both located on antenna base ⑥.

NOTE

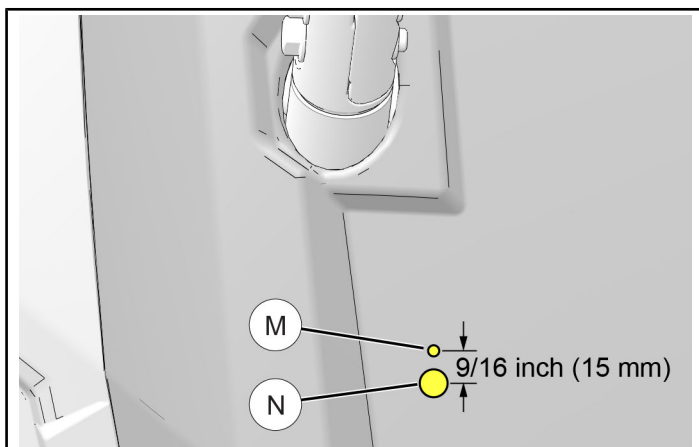
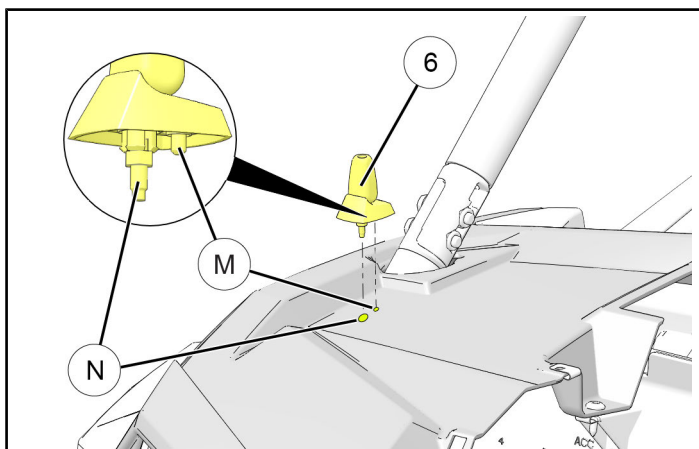
Exact base location is not critical. However, if mast tilt functionality is desired, ensure location allows desired tilt, and that ground strap ⑦ can reach chassis ground location. See Step c. below.

Mark center of alignment pin hole ④ 9/16 inch (15 mm) REARWARD from center of mounting post hole ⑤ as shown, then drill holes at marked locations:

- 3/16 inch (5 mm) diameter hole for alignment pin ④
- 1/2 inch (12 mm) diameter hole for mounting post ⑤

IMPORTANT

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



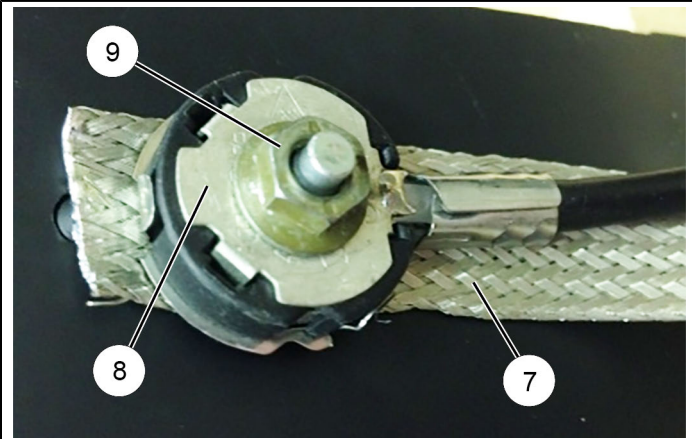
- b. Insert threaded post and alignment pin located on antenna base ⑥ through drilled holes in fender, attach one end of ground strap ⑦ and connector 8B on antenna harness ⑧, then secure with STEEL nut ⑨. Install rubber boot.

IMPORTANT

Do NOT remove NYLON nut pre-installed to threaded post.

NOTE

View looking up at underside of fender from right front wheel well.

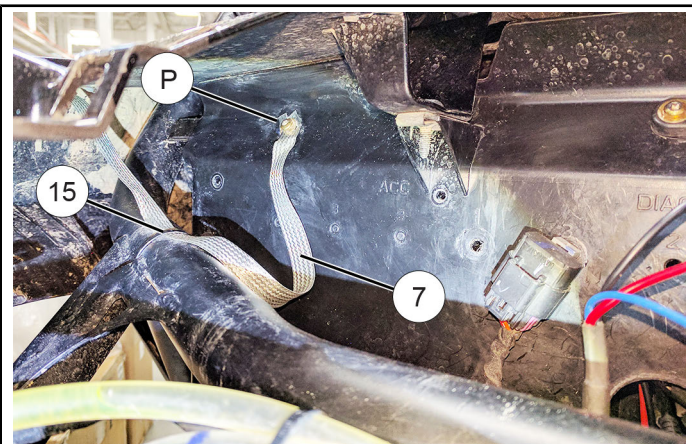


- c. Remove one screw ⑰ from top of firewall (beneath right front fender), then install loose end of ground strap ⑦ to firewall using same screw.

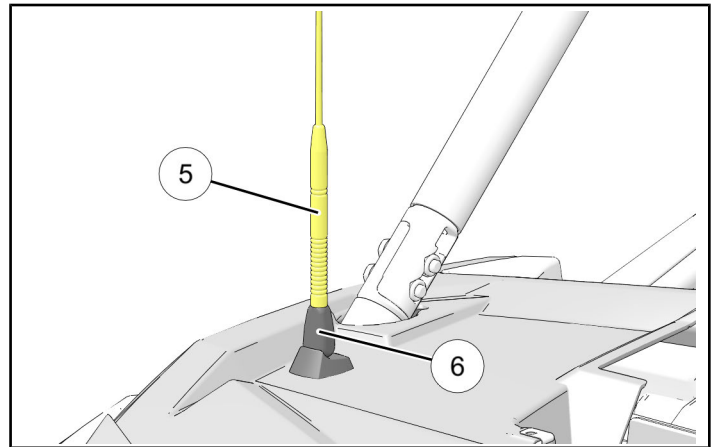
Secure strap to vehicle frame using cable tie ⑮.

NOTE

Screw threads bite into metal vehicle structure for ground.
Ground strap improves AM reception.



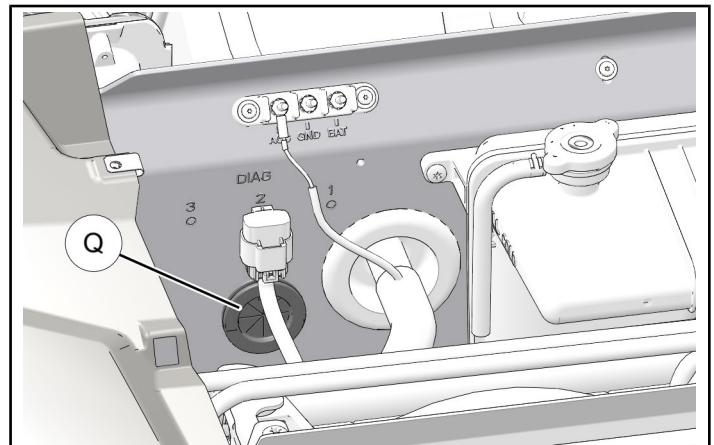
- d. Thread antenna mast ⑤ to antenna base ⑥.



- e. Route connector 8A on antenna harness ⑧ rearward through firewall grommet ⑱ and connect to display ⑩.

NOTE

If necessary, open grommet by cutting along interior score lines.



9. OPTIONAL: Drill 7/8 inch (22 mm) hole in top of dash storage compartment, route USB connector from display ⑩ into compartment, then install grommet.

10. **Kit PN 2883114 only:** Install rear camera and harness.

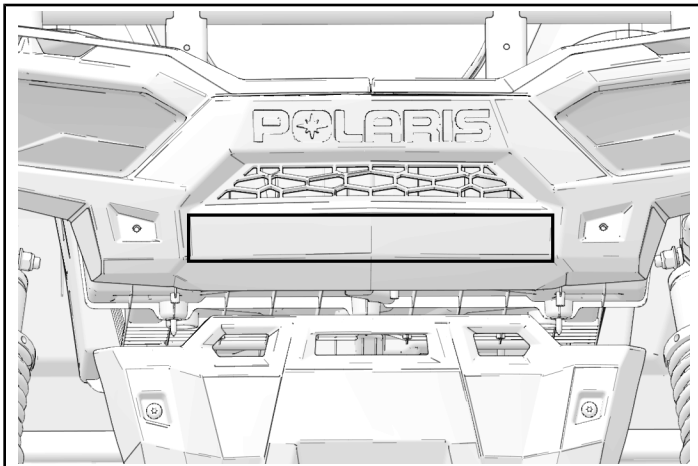
NOTE

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

- a. Drill 3/4" (19 mm) hole at desired location, then install rear camera ⑱. Ensure camera is oriented per label ("TOP").

NOTE

Camera may be installed in any suitable location. Suggested location on tail light trim panel shown in rectangle.



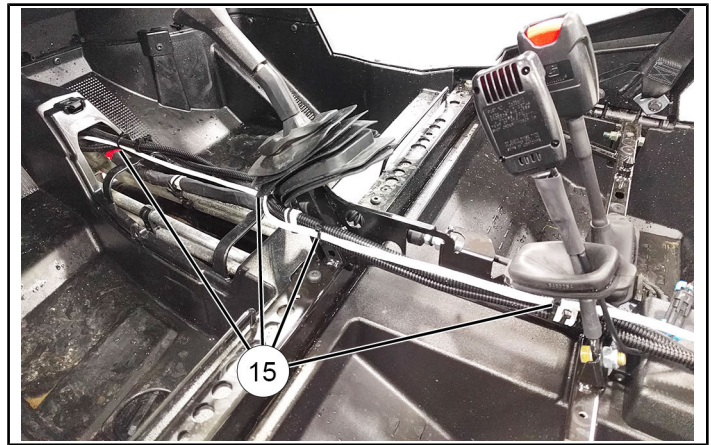
- b. Connect rear camera ⑱ to connector 20B on rear camera harness ⑳.
- c. Route connector 20A on rear camera harness ⑳ from rear camera ⑱ to left side of chassis following tail light harness.

Continue following tail light harness forward until it joins main chassis harness above clutch box. Follow main chassis harness forward, downward, and inboard into center floor console.

Follow battery cables forward through center floor console, up forward side of firewall, then rearward through firewall grommet into upper dash compartment.

NOTE

Front end of camera harness will be connected in Step 11b.



11. Install display harness.

NOTE

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

- a. Join 32-pin connector 11H and 16-pin connector 11K, both on display harness ①, to display ①.
- b. **OPTIONAL:** Connectors are provided on display harness ① for additional audio/video components (sold separately). Remove applicable cap(s) ⑫ or ⑬, then connect as follows:

NOTE

Other compatible kits may be used.

Kit PN 2882069:

- Connectors 11F (**AUDIO AMP 1**) and 11G (**AUDIO AMP 2**): Join to Audio Pod Kit (PN 2881227) or Door Panel Speaker Amplifier Kit (PN 2882122); each kit also requires Audio Adapter Kit (PN 2882534 or 2883232)
- Connector 11L (**AUDIO AMP 3**): Join to Subwoofer Kit (PN 2882063); also requires Audio Adapter Kit (PN 2882534 or 2883232)
- Connector 11E (**VIDEO REAR**): Join to Rear Camera Kit (PN 2881653)

Kit PN 2883114:

CAUTION

Do NOT join audio adapter harness ⑳ to display harness ⑪ unless also immediately connecting an accessory shown in the table below. Exposed bullet connector 21A may short against vehicle structure and cause damage to the RIDE COMMAND™ 7" Display or other vehicle components.

- i. Join audio adapter harness ⑳ to display harness ⑪ as follows:

IF you are connecting this accessory (sold separately):	THEN join adapter connector 21C to:
Audio Pod Kit (PN 2881227, 2882304), Door Panel Speaker Amplifier Kit (PN 2882122), or equivalent	Display connectors 11F (AUDIO AMP 1) or 11G (AUDIO AMP 2); AUDIO AMP 1 and AUDIO AMP 2 connectors are interchangeable.
Subwoofer Kit (PN 2882063) or equivalent	Display connector 11L (AUDIO AMP 3)

- ii. Join **REMOTE ON** bullet connector 21A and **AUDIO OUT** connector 21B on audio adapter harness ⑳ to corresponding connectors on accessory.
- iii. Join **VIDEO REAR** connector 20A on rear camera harness ㉔ to connector 11E on display harness ⑪.

- c. Route components on opposite end of display harness ⑪ (11A through 11D, 11M, 11N, 11P) forward through firewall grommet into under-hood compartment.

NOTE

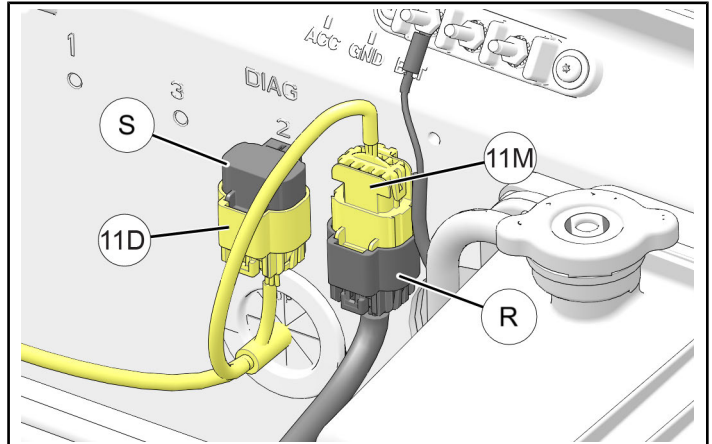
Grommet may be temporarily removed to facilitate harness passage.

- d. Remove vehicle diagnostic connector ㉑ from protective cover ㉒ attached to firewall, join to mating diagnostic connector 11M on display harness ⑪, then insert diagnostic connector 11D into protective cover.

If desired, drill out one accessory plug (1/4 inch) on forward side of firewall, below terminal block, then install connector 11M using attached fir tree clip.

NOTE

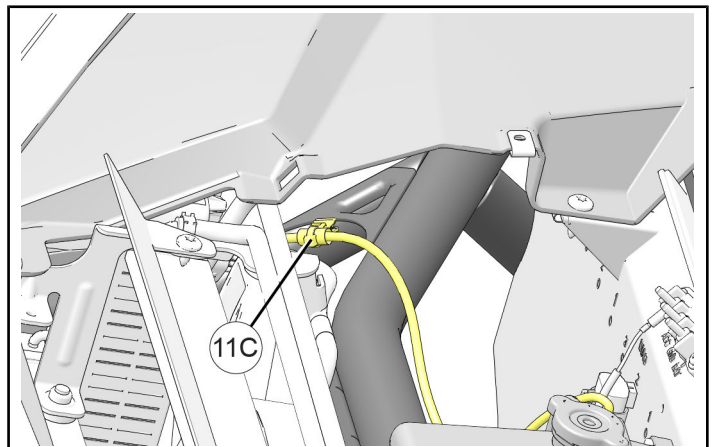
Connector 11D becomes new diagnostic port.



- e. Secure edge clip 11C on display harness ⑪ to RH frame gusset.

TIP

Gusset may also be accessed through upper portion of right front wheel well.



- f. Install ambient air temperature sensor.

NOTE

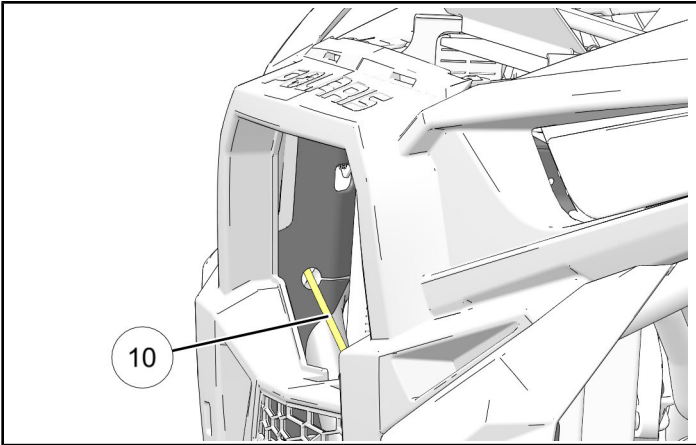
This is NOT an engine temperature sensor.

- i. Reaching into right front wheel well, join connector 10B on ambient air temperature sensor harness ㉓ to mating connector 11N on display harness ⑪.

- ii. Route sensor 10A and edge clip 10C on ambient air temperature sensor harness ⑩ through opening in RH side of radiator shroud (near coolant hose). Ensure sensor and edge clip exit on FORWARD side of radiator.

NOTE

Circular opening shown; other openings may be used.



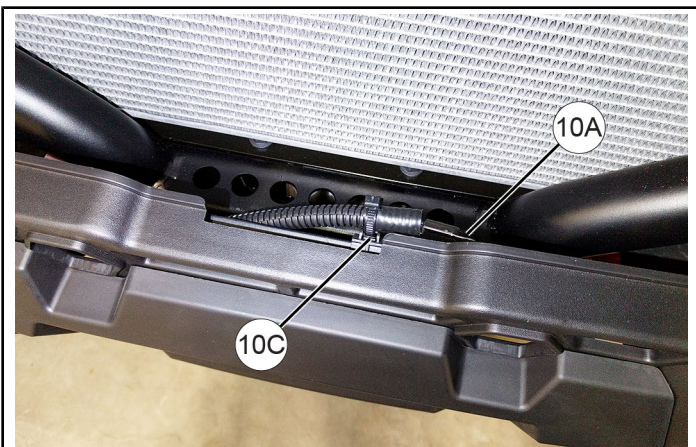
- iii. Install ambient air temperature sensor harness ⑩ to vehicle structure or grille using edge clip 10C. Specific edge clip mounting location is not critical as long as sensor 10A is exposed to ambient air flow.

IMPORTANT

Sensor 10A is NOT a standard ring terminal and should NOT be secured to anything. Sensor contains a thermistor element that must be exposed to ambient air flow.

NOTE

RZR XP® Turbo shown; other vehicles similar.

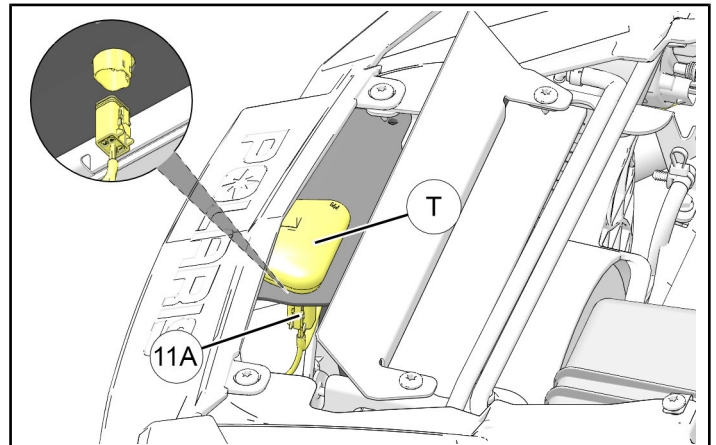


- g. Route GPS connector 11A, front video connector 11B, and routing clip 11P, at end of display harness ⑪, through same opening in RH side of radiator shroud used in previous step.
- h. Install GPS antenna.

NOTE

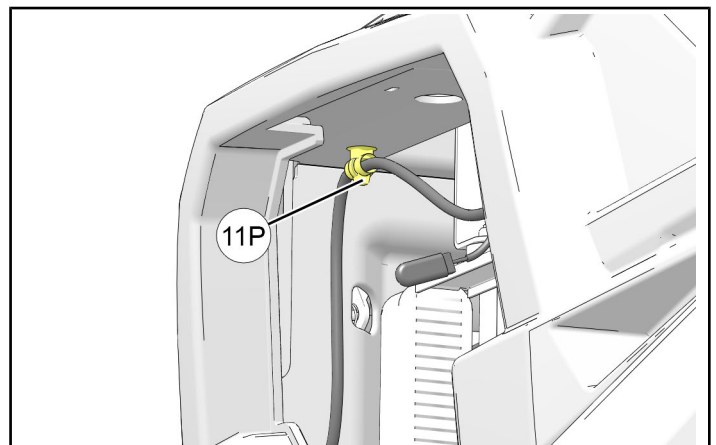
GPS antenna is NOT included in this kit. GPS antenna is included in RIDE COMMAND™ 7" Display Kit, PN 2882068, 2882900, or equivalent.

- i. Clean upper surface of radiator shroud to permit proper adhesive application.
- ii. Join connector 11A on display harness ⑪ to GPS antenna ①.



- iii. Observe required orientation of GPS antenna ①; arrow should point FORWARD. Peel backing from antenna and press firmly in place.

- i. Secure routing clip 11P on display harness ⑪ to upper RH surface of radiator shroud (or nearby location). Specific mounting location is not critical.

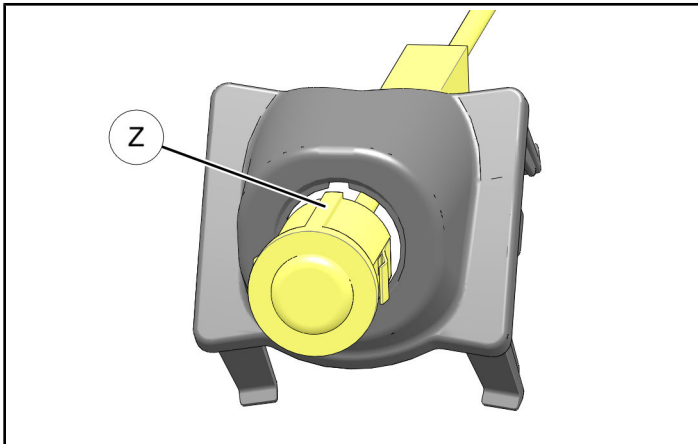


12. **Kit PN 2883114 only:** Install front camera.

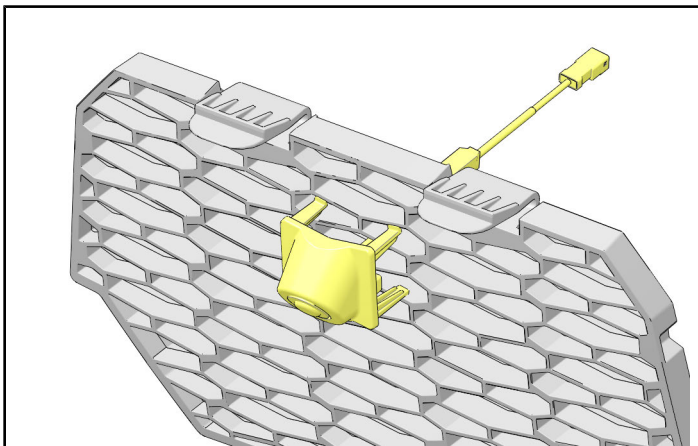
- a. Orient spline ② on front camera ⑬ with mating slot in camera mount ⑭ or ⑮, then insert camera into mount until locking clip engages.

NOTE

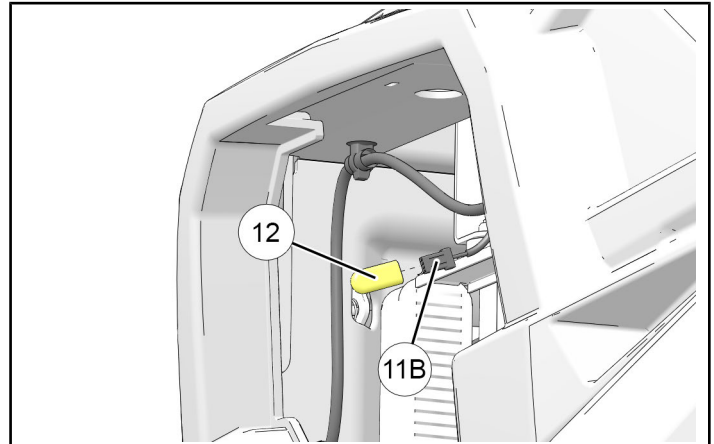
Two different camera mounts are included in kit; see Kit Contents for identification and application.



- b. Route camera harness through grille, then carefully push camera mount into grille until all four tabs lock in place. Ensure the following:
- Camera mount is positioned as high as possible on grille with camera pointing downward
 - Camera harness is not pinched or kinked as it passes through the grille



- c. Remove cap ⑫ from connector 11B on display harness ⑪. Holding grille near vehicle, connect camera harness to connector 11B.



- d. Reinstall grille.

13. Secure all harnesses using cable ties ⑮ to prevent contact with hot components, sharp edges, or moving parts. Coil and secure excess harness length in upper dash compartment.

CAUTION

Kit PN 2883114 only: Do NOT coil excess length of rear camera harness ⑳ at rear of vehicle. Contact with hot exhaust components or moving parts will damage harness. Coil and secure excess length below terminal block.

14. Install new upper dash panel ① using two retained screws ⑧.
15. Reconnect black negative (-) cable to battery and reinstall seat.
16. Restore access.
17. Perform setup for RIDE COMMAND™ 7" Display per Owner's Manual.

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.

FEEDBACK FORM

