

## Polaris Ranger XD 1500

### 4-Door / Crew



We highly recommend the installation of this stereo top to be performed by an authorized AudioFormz dealer. Warranty of stereo top and/or components may be voided if not installed correctly.



#### ROOF HARDWARE


QTY	ITEM
5	Textured Roof Panels
8	8mm x 25mm Hex Bolts
8	1.5" Sealing Washers
8	8mm Tuflok Plastic Rivets
8	6mm Plastic Tree Clips
4	1" Phillips-head Screws
	Assorted Zip Ties
ROOFS WIRED FOR RIDE COMMAND INCLUDE:	
1	Ride Command Harness

#### NORTHSTAR MODELS INCLUDE:

QTY	ITEM
2	Door/Window Harnesses
6	6mm Double End Studs
6	6mm Sealing Washers
6	6mm K-Lock Nuts
2	6mm Zip Tie Push-ins
PREMIUM MODELS INCLUDE:	
2	2" Front Roof Plates
6	1/4"-20 x 1" Hex Bolts
6	1/4"-20 Nylon Lock Nuts
6	1/4" Washers





### Step 1 Disconnect power


**A)** Under the rear passenger seat, remove the battery cover and use a 10mm socket to disconnect the negative terminal and pull it to the side.  1A ➔




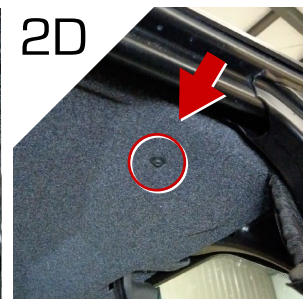
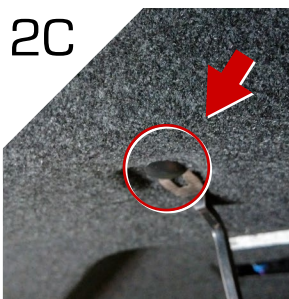
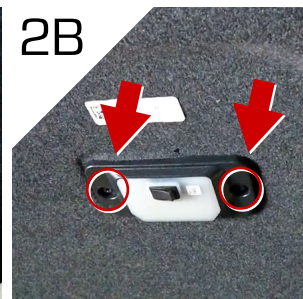
### Step 2 Remove factory headliner

**A)** Use a T40 torx bit to remove and unplug the overhead switch panel. Set 2 of the removed bolts to the side to reuse later.  2A ➔

**B)** Use a T25 torx bit to remove and unplug the dome light. The switch panel and dome light may be discarded.  2B ➔


**C)** Use a clip removal tool to remove the plastic fasteners from the front headliner panel and remove it.  2C ➔


**D)** Use a T25 torx bit to remove the 2 bolts on either side towards the rear of the remaining headliner panel. Remove the plastic fasteners and remove it. Headliner panels may be discarded.  2D ➔



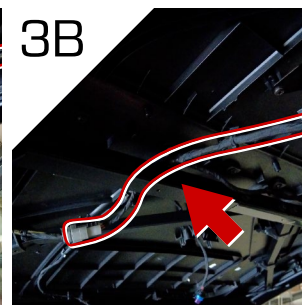
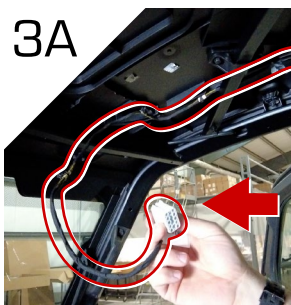


### Step 3 Remove factory harness and unmount bus bar


**A)** Unplug and unclip the factory cargo light harness that runs along the passenger side of the roof (This is the harness that plugs into the overhead switch panel and dome light and is plugged into the bus bar). Pull it towards the rear seat, it will stay with the old roof, connected to the factory cargo light.  **3A** ➔

**B)** Unplug and unclip the factory door harness that runs along the driver side of the roof (This is the harness that connects to the doors and wiper and is zip-tied to the bus bar). You may leave the rear doors plugged in. Pull the factory door harness towards the rear seat, it will be reconnected to the vehicle later.  **3B** ➔


**C)** Use a T30 torx bit to remove the 2 screws behind the bus bar.  **3C** ➔




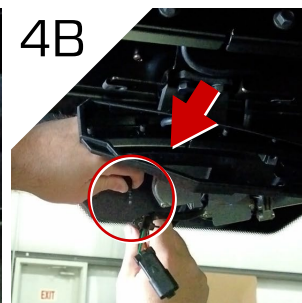
### Step 4 Remove front bolts/windshield

**A)** **Premium Models ONLY:** Use a 10mm socket to remove the 6 bolts from the front of the roof, as shown. Skip to **Step 5**.  **4A** ➔

**B)** Remove the windshield motor cover and unplug the wiper fluid hose.  **4B** ➔





**C)** Open the windshield fully and use a pick tool to unclip the windshield support struts. Lower the windshield back down slowly, keeping the support struts out of the way.  **4C** ➔

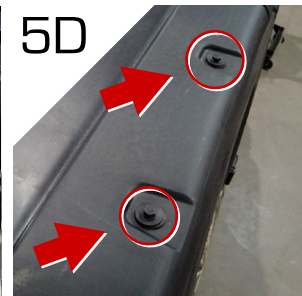
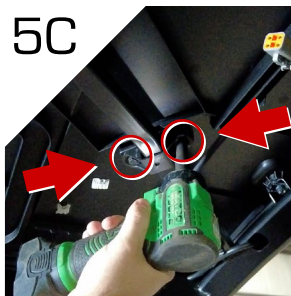
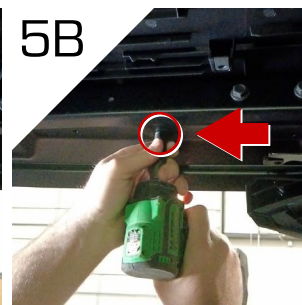
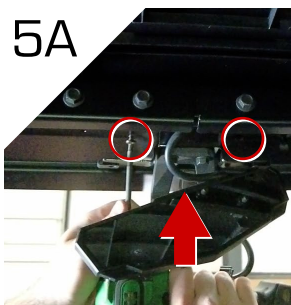
**D)** Use a 10mm socket to remove the 6 bolts from the windshield brackets. Make sure the windshield is unlatched and carefully remove it and set it to the side.  **4D** ➔






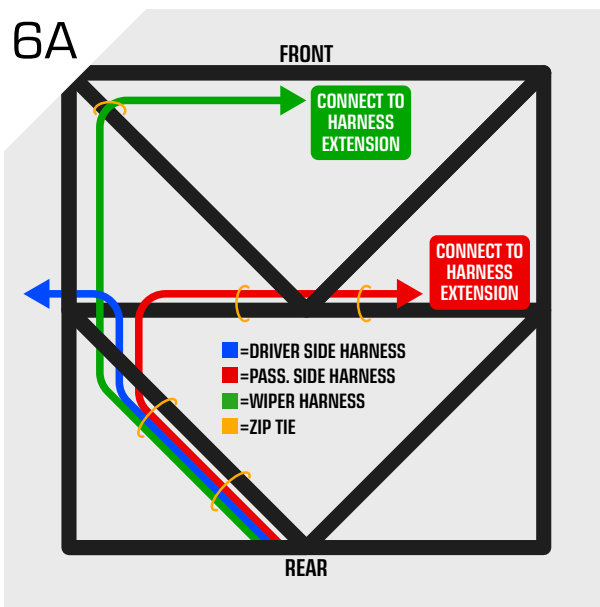
## Step 5 Unbolt and remove old roof

- A)** Use a T30 torx bit to remove the 2 center screws behind the rearview mirror.  **5A** →
- B)** Using a 10mm socket, remove the 4 bolts from the front of the roof.  **5B** →
- C)** Remove 16 more bolts from the 8 brackets connecting the middle of the cage to the roof.  **5C** →
- D)** From the top of the roof, remove the 8 bolts, washers, and spacers using a 13mm socket.  **5D** →
- E)** With a friend's help, remove the old roof with the cargo light harness connected to it. Old roof may be discarded.



## Step 6 Reinstall door harness

- A)** Use wire cutters to carefully remove the plastic clips from the factory door harness and loosely secure it to the cage with zip ties as shown.  **6A** →
- B)** Connect the supplied wire harness extensions to the front passenger door harness and wiper motor harness. Plug in the door harnesses. (The smaller harness extension for the wiper motor. The larger one is for the passenger side door.)



## Step 7 Place new roof on roll cage

- A)** With some friends' help, place the new roof on the roll cage. We recommend having at least 2 people to lift the roof and 1 person inside the cab to help with roof placement. Once the new roof is on, double check the 4 u-nuts on each side of the cage to make sure they didn't slide out of position and still line up with the mounting holes on the side of the roof.

If you have a Polaris windshield, skip to Step 8.

- B)** **Premium Models ONLY:** Use the supplied front roof plates, 1/4"-20 x 1" hex bolts, washers and nylon lock nuts to secure the front of the roof. Skip to **Step 9.**





**We recommend 2+ people to help install  
Roofs require team lift!**






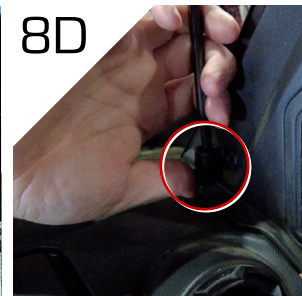
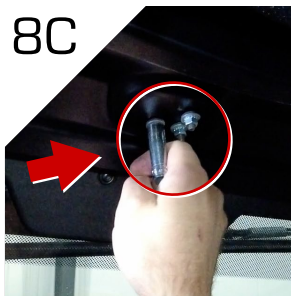
## Step 8 Reinstall windshield

**A)** Hand tighten the 6 supplied M6 double-ended studs in the mounting brackets located at the top of the windshield.  **8A** ➔


**B)** With a friend's help, place the windshield on the vehicle and guide the support struts in as you set it down. Move the mounting brackets into position and guide the studs into the mounting holes. You may tilt the windshield up some to help the brackets sit flat.  **8B** ➔

**C)** Place the supplied washers and nuts and carefully hand tighten with a 10mm socket (factory bracket is aluminum and threads will strip easily).  **8C** ➔

**D)** Tilt the windshield up fully and put the windshield support struts back into place. Push their clips back in.  **8D** ➔



## Step 9 Fasten roof bolts


**A)** At the top of the roof, install the 8 supplied roof bolts and washers by hand, making sure they thread correctly into the u-nuts on the cage, then tighten them snug.  **9A** ➔



## Step 10 Reconnect windshield wiper

**A)** Connect the wiper motor harness extension to the wiper motor.  **10A** ➔


**B)** Reconnect the wiper fluid hose and tuck it behind the wiper motor.

**C)** Place the wiper motor cover back on, it will snap on to the wiper motor body.  **10C** ➔



## Step 11 Install front roof panels


**A)** Secure the front driver and passenger section of the door harness to the roll cage with the zip ties you previously installed. Use additional zip ties as necessary, and clip the excess zip tie ends.


**B)** Using the supplied push-in fasteners install the front passenger's side roof panel first, then the front driver side panel.  **11B** ➔







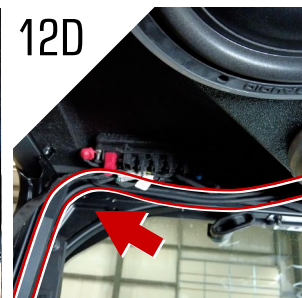
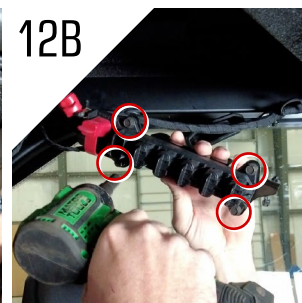
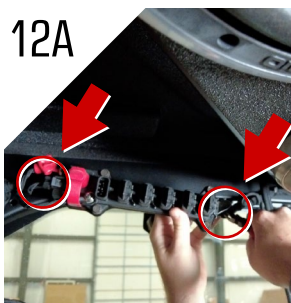
## Step 12 Mount bus bar

**A)** With a pair of wire cutters, remove the 2 zip tie clips that secure the wiring harness behind the bus bar. 


**B)** Using a 10mm socket, remove the 4 bolts on the bus bar connecting it to the factory bracket. Bracket may be discarded. 

**C)** Using the 4 supplied screws, mount the bus bar to the mounting spot that protrudes from the new roof in this area. Gather the excess cable length in this corner and zip tie it to the harness towards the corner of the roof. 


**D)** Use zip ties to secure the power wires for the new roof to the factory harness, running them towards the passenger's side. Tuck the power wires behind the factory wire tunnel, and run them down to the battery. 



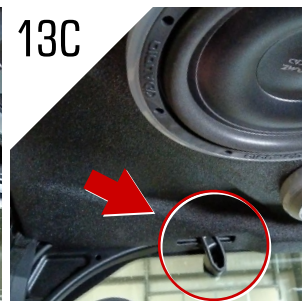
## Step 13 Install rear roof panels

**A)** Turn the rear window passenger side Lock & Ride handle to unlock it. 


**B)** Slide the rear passenger side panel above the window handle and install it using the supplied push-in fasteners. 

**C)** Turn the window handle back into place. 


**D)** Repeat these steps for the rear driver side panel.

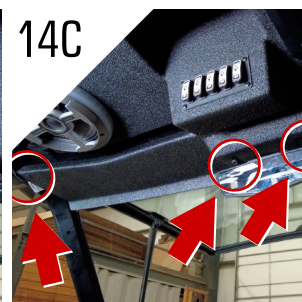
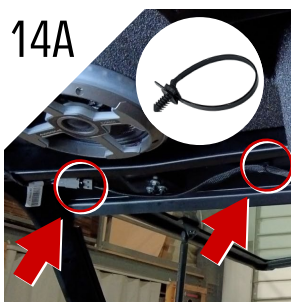


## Step 14 Install front overhead panel

**A)** At the front of the roof, using the supplied zip tie push-ins, secure the wiper motor harness extension to the overhead area of the roll cage near the rear view mirror. 

**B)** Use the 2 bolts you set aside earlier and hand-tighten them to secure the front overhead roof panel.

**C)** Then use the supplied push-in fasteners to secure the far sides of the overhead panel, and use T40 torx bit to tighten the first 2 bolts snug. 










## Step 15 Remove a-pillar and dash panels


**For roofs wired for Ride Command control ONLY:**


**A)** Use a clip removal tool to remove the two push-ins on the front driver side a-pillar cover panel and set them to the side. Fold the cover panel to the front to view the clips on the front side and use a clip removal tool to unclip them. Set the cover panel to the side to reinstall later.  **15A** ➔


**B)** With a T40 torx bit, remove the 5 bolts from the driver side fender panel as shown.  **15B** ➔

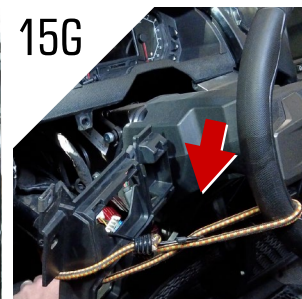
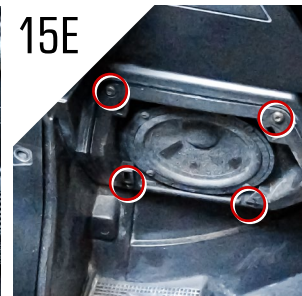
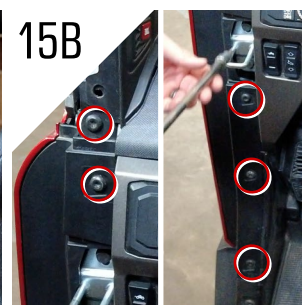
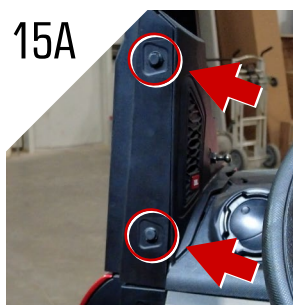
**C)** Remove the switch panel, unplug the switches, and set it to the side to reinstall later.

**D)** Remove the torx bolt behind the fender panel.  **15D** ➔

**E)** Use a clip removal tool to remove the speaker grille. With a T30 torx bit, remove the 4 screws, unplug the speaker and set it to the side to reinstall later.  **15E** ➔


**F)** With a T30 torx bit, remove the screw behind where the speaker was. Use a T40 torx bit to remove the bolt at the top where the switch panel was.  **15F** ➔


**G)** Carefully but firmly pull down and back on the dash panel where the switch panel was. Use a strap or bungee cord to hold this panel out of the way.  **15G** ➔





## Step 16 Install Ride Command Harness

**For roofs wired for Ride Command control ONLY:**

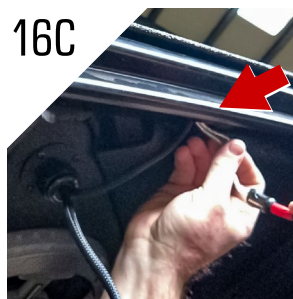
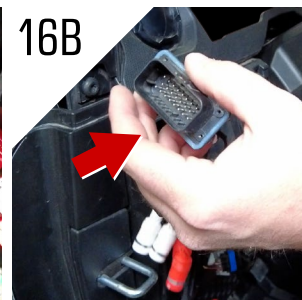
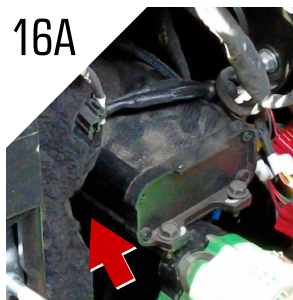
**A)** Use a 10mm socket to unbolt the amplifier plate. Unplug and remove amplifier. Factory amp may be discarded.  **16A** ➔

**B)** Plug the AudioFormz Ride Command harness into the harness that was just unplugged from the factory amp.  **16B** ➔

**C)** Take the RCA cables coming from the front driver side of the roof and feed them through the roll cage and down to the driver side a-pillar. You may tape the ends of the cables to make this easier.  **16C** ➔

**D)** Feed the RCA cables the rest of the way down to the Ride Command harness, and plug them into the harness. Each RCA plug will be labeled Front Left/Right, Rear Left/Right.  **16D** ➔

**E)** Secure all cables and wires with zip ties. Reinstall the lower dash panel, fender panel bolts, speaker, speaker grille, switch panel, and a-pillar cover.






### Step 17 Connect roof to power

**A)** Move back to under the rear passenger seat, take both power cables and finish routing them to the battery compartment.

**B)** Take the roof's negative/ground cable, roll up any excess cable, and tuck it behind the battery. With a 10mm socket, secure it to the vehicle's negative terminal, and then tighten the terminal on to the battery.

**C)** Fuse holder must be properly installed within 18" of the battery. Connect to the positive terminal on to the battery. 

**D)** Before reinstalling the battery cover, make a small notch along the top to accommodate the roof power cables, then reinstall the cover.

17C



**Fuse Holder / Battery Installation guide (PDF)**

➔ [Audioformz.com/battery-connection/install](https://audioformz.com/battery-connection/install)

**For any other questions or concerns please contact us at:**

**(888) 919-1990 or [info@audioformz.com](mailto:info@audioformz.com)**



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**AF LED App / RF Remote Operation Instructions (PDF)**

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