

RangerWare

By  POLARIS®

Crew Top Installation

Hardware needed for Crew Top assembly:

- (8) 1/4"-20 x 1" BHSCS Z**
- (8) 1/4" Flat washer**
- (8) 1/4"-20 x 1 1/4" HH Z**
- (8) 1/4" Flat Washer**
- (1) 10-522-41 Crew Top Mount Bracket w/Trim**
- (2) 10-522-43 Clamp Mount Bracket**

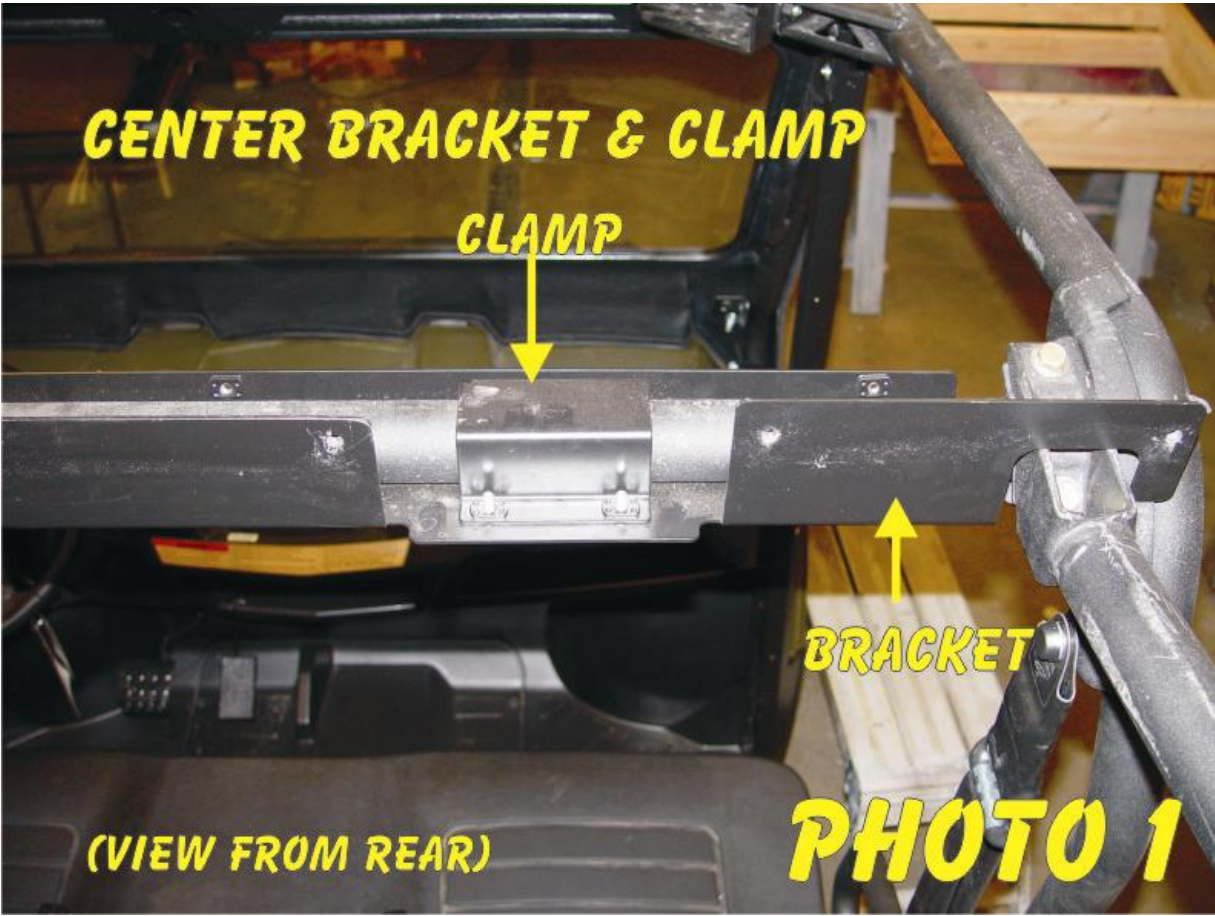
Install the Center Mount Bracket First.

Supplement for 2010 Crew Cab

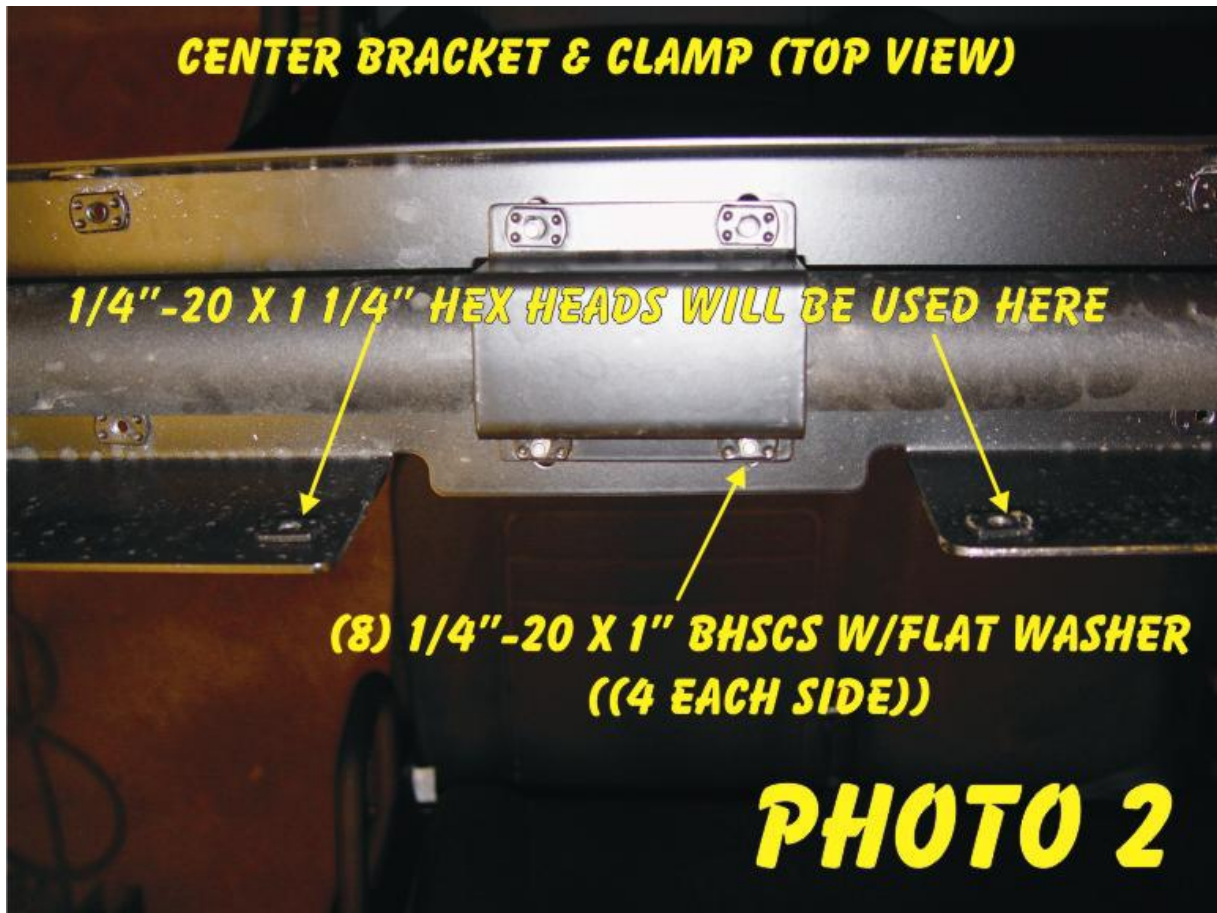
Follow the order of installation (page 2) and the instructions provided for all accessories to be installed. Upon completion of step 4 under “2009 WPS Installation” (page 6) refer to the following instructions regarding the center bracket and seam for the crew cab.

1. Position the center bracket on the center roll cage cross member. Use the clamps and the ¼” x ¾” bolts and washers to loosely hold in place. ((The bracket must be free to slide on the clamps.)) *Photos 1 & 2*
NOTE: When the roof panels are positioned on the vehicle the center flange of both halves must be located behind the large vertical flange on the center bracket. *Photo 3*
2. Position the rear roof panel following steps 5 & 6 (page 6 of original instructions.)
3. Position the front roof panel on the vehicle and fasten to the windshield but do not tighten. (Step 7 of original instructions)
4. Push the rear panel and roof forward to align the cab trim with the roll cage. (see photo page 12)
5. Align the holes in the center flanges of the roof panels and use the ¼” x 1 ¼” bolts and washers to fasten the panels to the center bracket. The center bracket has weld nuts on the back side to accept the bolts. Tighten securely.
6. Tighten the bolts securing the roof to the windshield.
7. Tighten the bolts securing the center bracket to the clamps around the roll cage.

Proceed with the original instructions (step7) to finish the installation.



CENTER BRACKET & CLAMP (TOP VIEW)



1/4"-20 X 1 1/4" HEX HEADS WILL BE USED HERE

**(8) 1/4"-20 X 1" BHSCS W/FLAT WASHER
(4 EACH SIDE)**

PHOTO 2

**ROOF PANELS FASTENED
TO THE CENTER BRACKET**

PHOTO 3



ROOF PANELS CENTER FLANGE

1/4"-20 X 1 1/4" HEX HEADS WILL BE USED HERE

BRACKET

CLAMP

(VIEW FROM REAR)

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RangerWare Top & Back Panel Installation Instructions

ORDER OF INSTALLATION

Note: To assure proper order, read all Accessory Installation Instructions before beginning.

1. Heater
2. Windshield Wiper (Installed in the Windshield)
3. Rear Panel
4. Door Thresholds
5. Windshield
6. Roof
7. Wire Harness (Roof)

All photos are in the back of the instruction book so that they can be easily removed and laid out on your work area for easy reference.

Hardware Kit

<u>Description</u>	<u>Quantity</u>
Bolt 1/4"x2"	6
Bolt 1/4"x1"	8
Bolt 3/8"x1 1/4"	4
Flat Washer Zinc 1/4"	14
Bonded Washer 1/4"	14
Nylock Nut 1/4"	14
Flange Nut 1/4"	6
Flange Nut 3/8"	4
Acorn Nut 1/4"	6
Steel Tabs	2
Vinyl Clamps Large	4
Wire Ties	12
81114159 Harness & Switch	1
Light Pod with Dome Light	1

Tools Required

7/16" Wrench and Socket
9/16" Wrench and Socket
5/32" Allen Wrench or "T" Handle
7/32" Allen Wrench or "T" Handle
Wire Cutters

NOTES: Leave all fasteners loose until all the panels are installed and properly located.

*When all panels are installed tighten fasteners only until a slight dimple appears in the Gelcoat finish. **DO NOT OVER TIGHTEN!!!**

*On all 1/4" use a rubber bonded washer on the exterior and flat washer and nylock nut on the interior.

Instructions

1. Start by installing the steel tabs for the rear panel. Remove the bolts that are installed into the machine frame. Place the tabs as shown and torque fasteners too 17 ft lbs. You will need to have the box tilted up to access these.



Figure 1

2. Place 6, 1-3/4" vinyl clamps on the roll bar as shown here. These will be used to secure the rear panel. The upper clamp shown in both pictures will only be installed if you plan to install the door kit at this time.



Figure 2

3. Position the rear panel in place behind the steel tabs, and secure using 4, 3/8" x 1 1/4" bolts. Make sure the panel is centered from side to side. The gasket on the bottom of the rear panel should be compressed down against the steel frame.

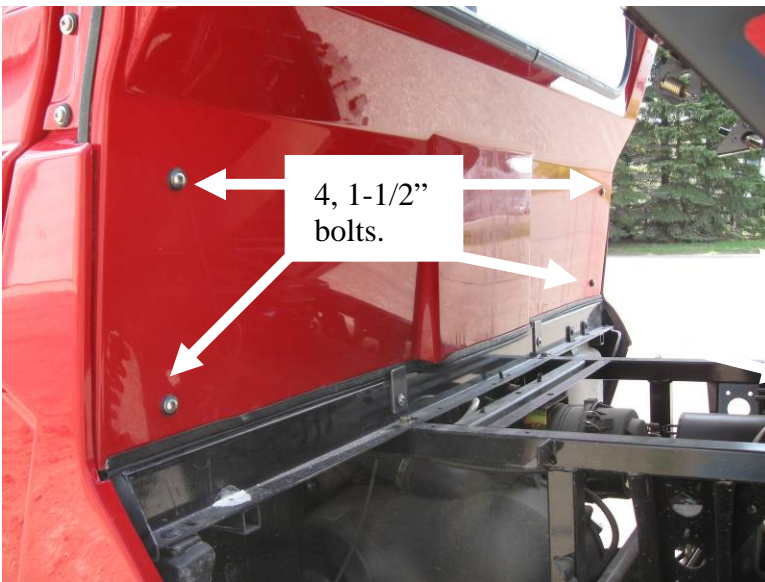


Figure 3

4. Position the roof on the vehicle. The back edge will slide over the rear panel and rest on the indent at the top of the rear panel. Fasten the roof and back panel across the back with (6) 1/4"

x 2" bolts. (The side holes will be done later).



Figure 4

5. Fasten the roof to the windshield with (6) $\frac{1}{4}$ " x 1" bolts. Make sure to pull the outer corners down tightly on the windshield before fastening.
6. Position all panels (including door thresholds if installed) to provide the best fit and seal, tighten all fasteners.
7. Pull the rear corners of the roof down tightly on the rear panel, using the hole in the side of the roof as a guide drill $\frac{9}{32}$ " hole through the rear panel. Fasten securely using $\frac{1}{4}$ " x 1" bolts.

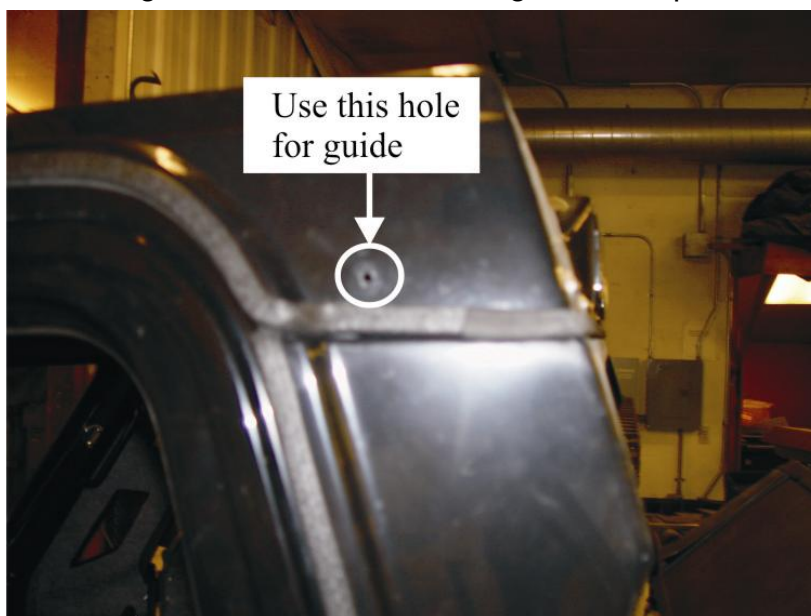


Figure 5

8. Route the wire harness and hang the switch panel.

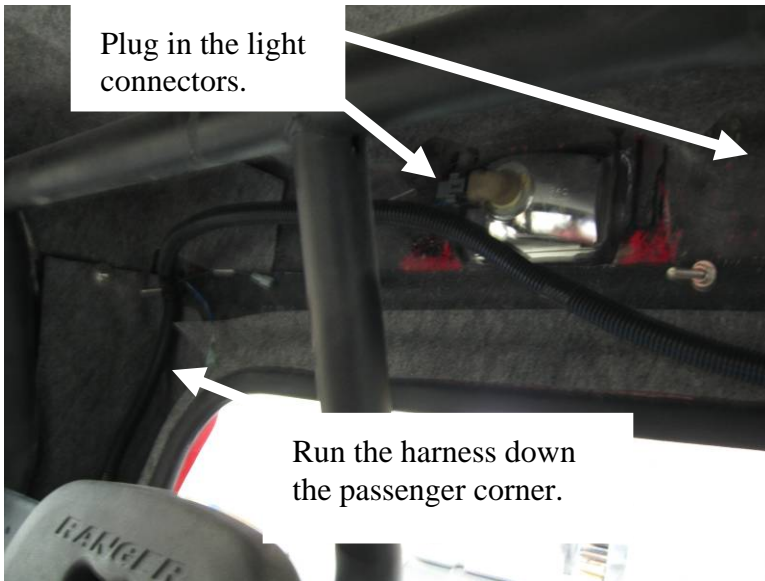


Figure 6

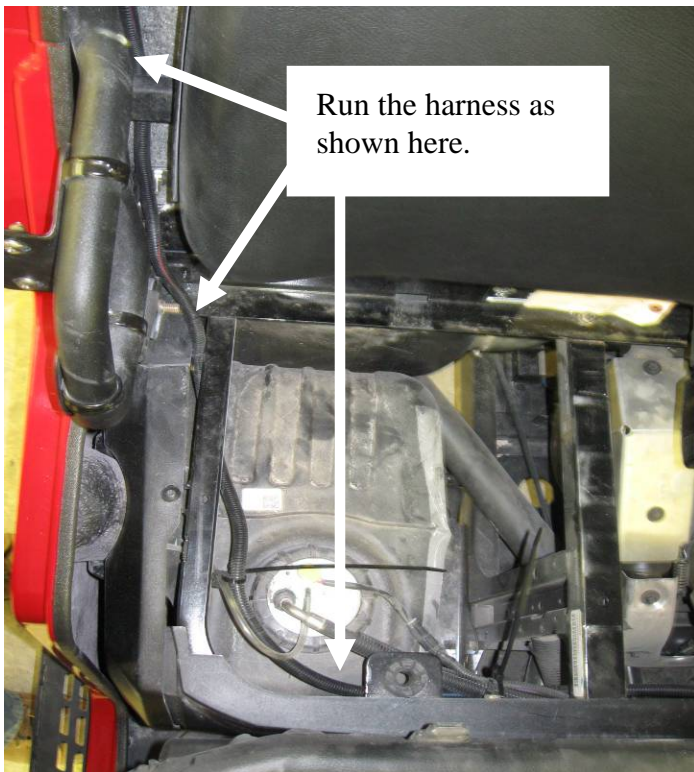


Figure 7

9. Once the harness is to the center of the seat you will need to remove the floor panel and run the harness forward to the battery.

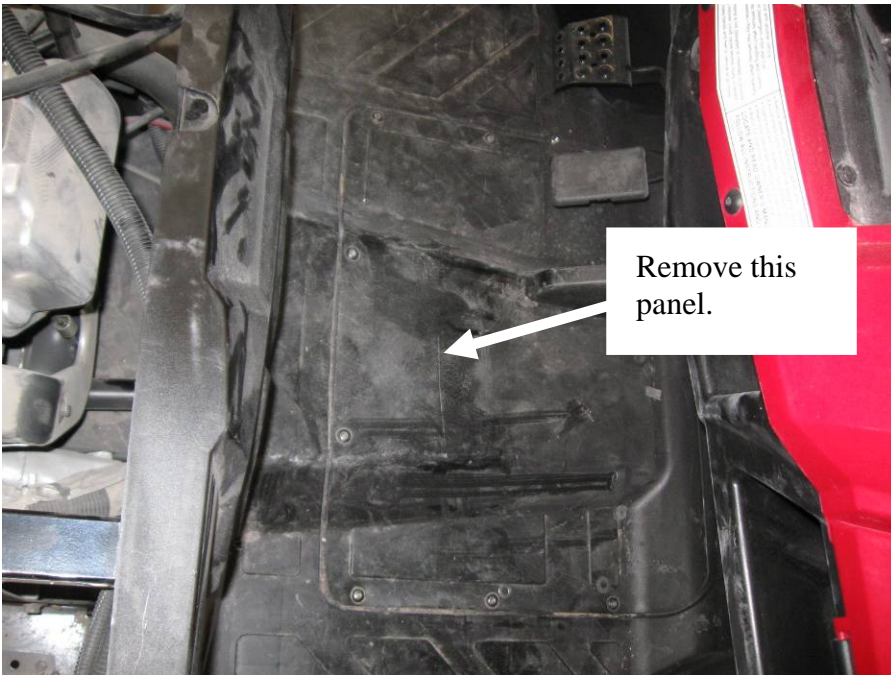


Figure 8

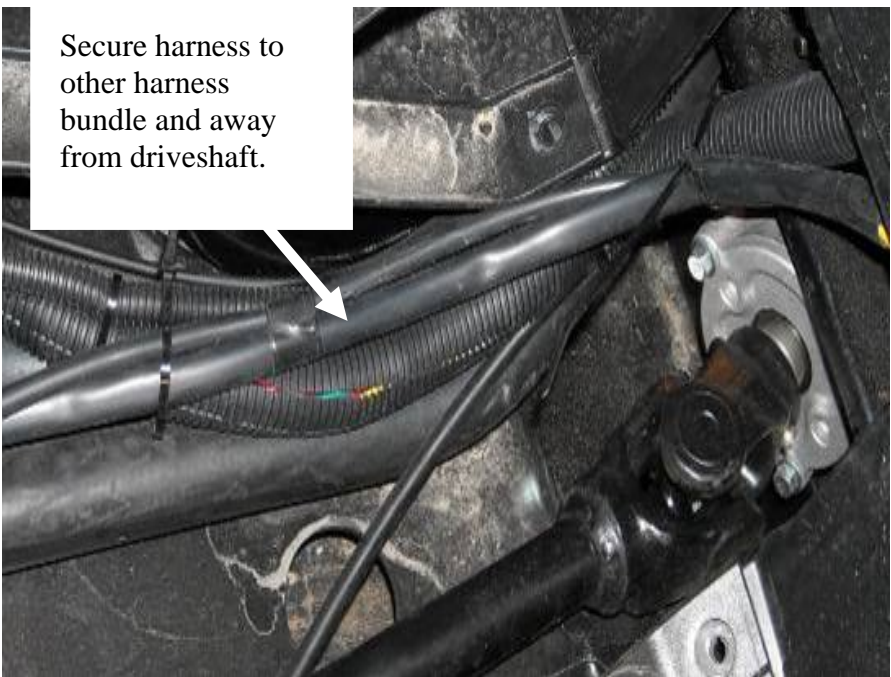


Figure 9

10. Run the accessory harness with the main harness under the floor. Follow the main harness up to the bus bar.
11. After the harness is strung up to the bus bar secure it in place with the supplied wire ties. It's recommended to secure the harness every 12". The harness should be connected for keyed power.

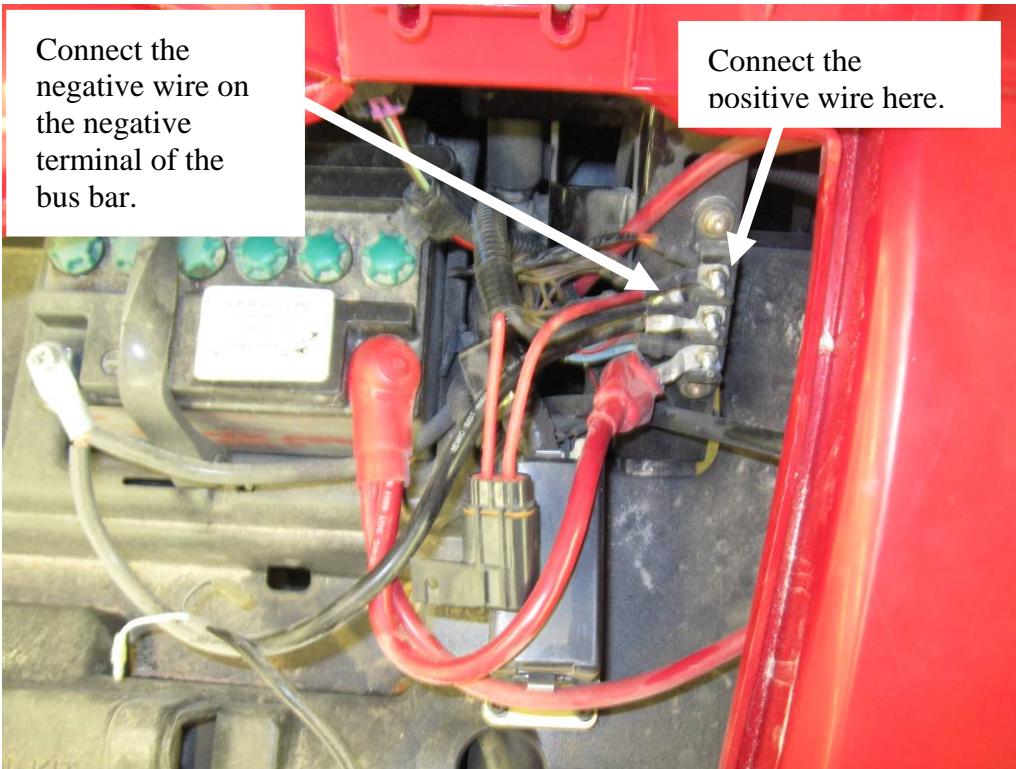
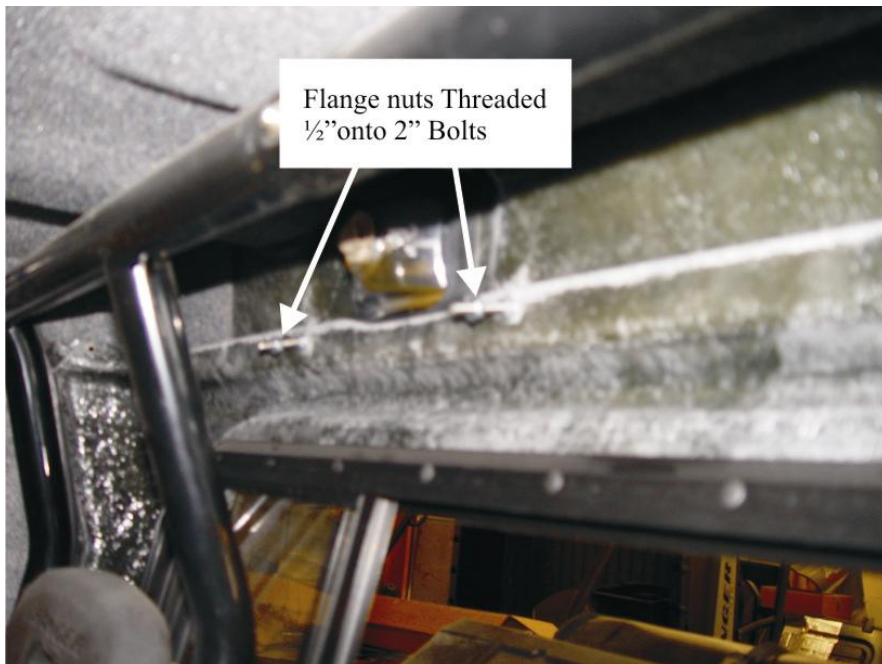
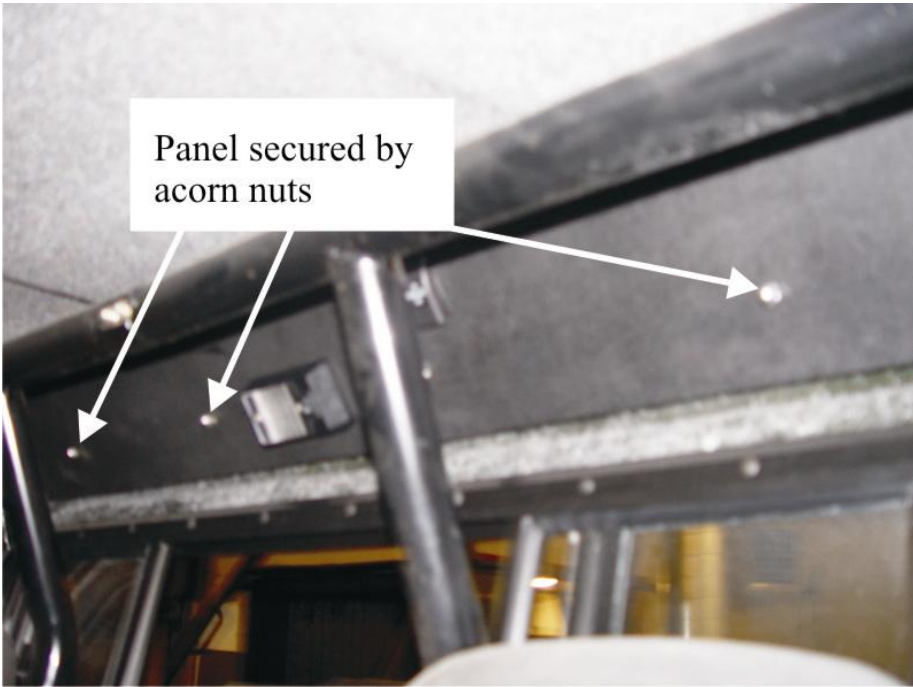


Figure 10

12. The final step is to install the rear accessory panel. With the flat flange pointing to the vehicle inside, thread (6) flange nuts $\frac{1}{2}$ " onto the 2" bolts holding the roof and rear panel together. Connect the harness to the switches and slide the panel over the bolts and secure with acorn nuts.





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