

RangerWare

By  POLARIS®



RangerWare Fiberglass Door System Installation Instructions P/N 2878016

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)
8. Doors

Application:

Polaris Ranger MY 2010

Before you begin, read these instructions and check to be sure all parts and tools are in your kit. Retain these installation instructions for future reference.

Door and frame hardware kit

Qty	Description
1	Mounting plate for the latch pin drivers side
1	Mounting plate for the latch pin passengers side
2	Striker Pin
2	Nut jam M12x1.0
2	Washer Lock ½" for striker
6	Clamp Vinyl 1-1/4"
2	Clamp Vinyl 1-3/4"
8	Bolt 1/4-20x3.5 UNC BHSCS
6	Bolt 1/4-20x2 UNC BHSCS
2	Bolt 1/4-20x1.5 UNC BHSCS
6	Bolt 1/4-20x1 UNC BHSCS
6	Bolt 1/4-20x.75 UNC BHSCS
28	Nut Nylock 1/4-20 UNC
26	Washer ¼" Flat Washer
2	Washer ¼" Fender Washer
28	1/4" Bonded Washer
2	1" Nylon Spacers
	Foam Tape 3/8" x 1" x 6'
2	Templates

You will need to supply:

5/32" Alan bit	Cordless drill
7/16" Wrench or Socket	½" Wrench
¾" Wrench x2	5/16" Drill bit
9/32" Drill Bit	Tape

Note: This is a two person installation.

IMPORTANT: To ensure satisfactory installation, perform all installation steps correctly in the sequence as shown in these instructions.

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.**

INSTALLATION INSTRUCTIONS

1. Follow the instructions (1-3) of the Top & Rear Panel installation. Be sure to position the upper vinyl clamp on each side of the roll cage.

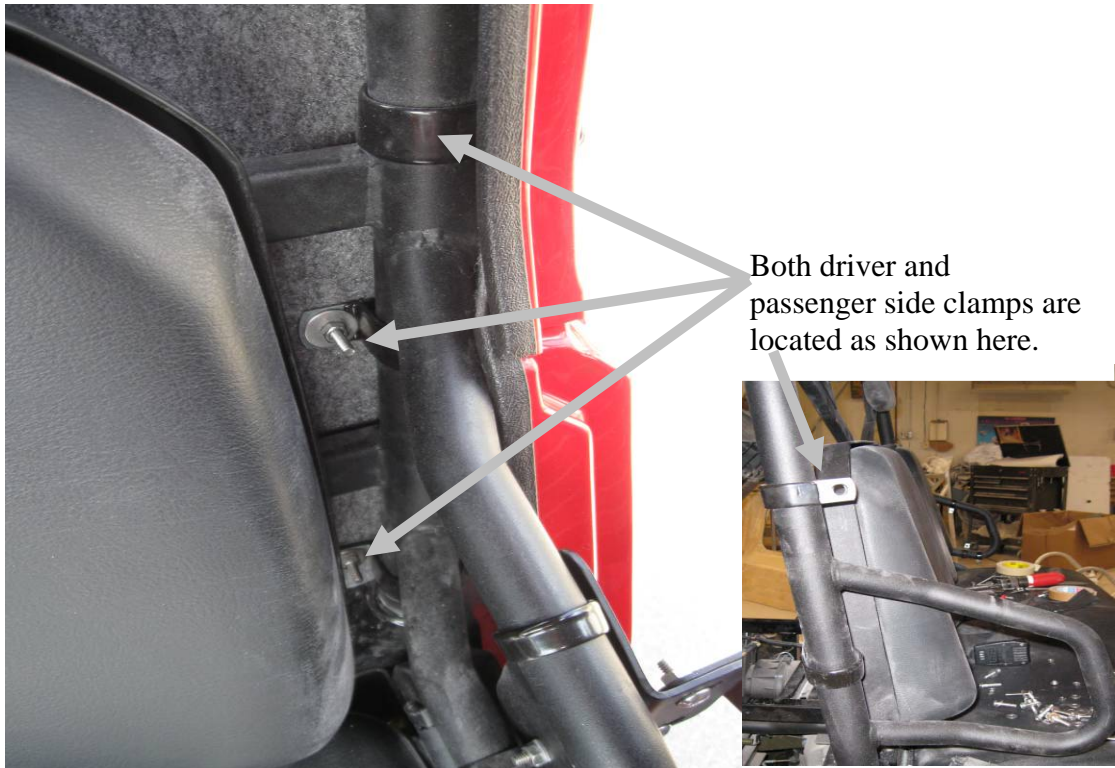


Figure 1

2. Install the lower side panel. First locate the supplied drilling template. This template needs to be taped onto the machine. Align as shown in Figure 2. It will locate where to drill the fastener holes. Be sure to use ample tape so the template doesn't move when drilling. This stage is critical. **BE SURE THE TEMPLATE IS ALIGNED PROPERLY.**

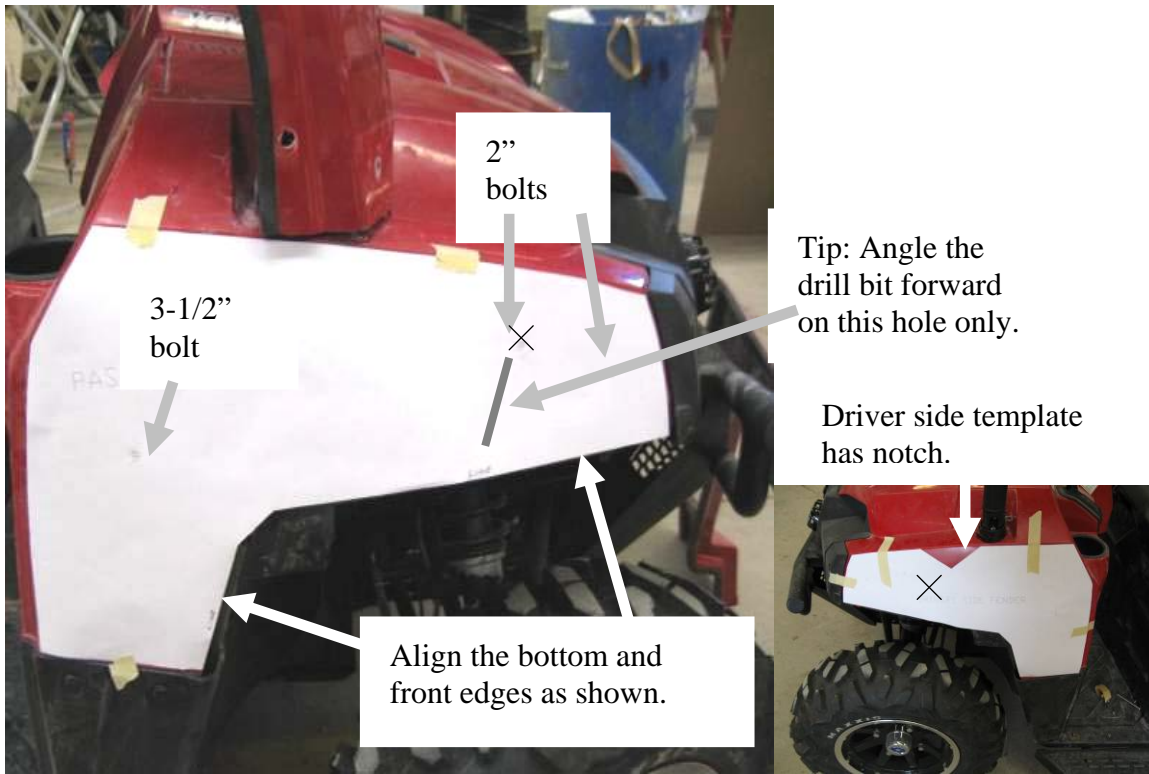


Figure 2

3. Once the template is secured in place. Feel behind the aft 2" bolt location marked with an X in figure There is a wall on the inside fender that the drill hole must be in front of for you to be able to install a nut. Use a 5/16" drill bit to drill through the template and the plastic. You will have to drill through the outside fender and the inside fender so you can get the nut and washer on the bolt. The 3-1/2" bolt will come into the cab storage area. The 2" bolts will be reached from the fender well opening.
4. Next the lower drill template will need to be located and aligned on the bottom frame. The template is symmetrical and will be used for both the drivers and passenger's side. Again use a 5/16" drill bit and drill through the plastic rocker panel and the inside and outside walls of the lower frame.

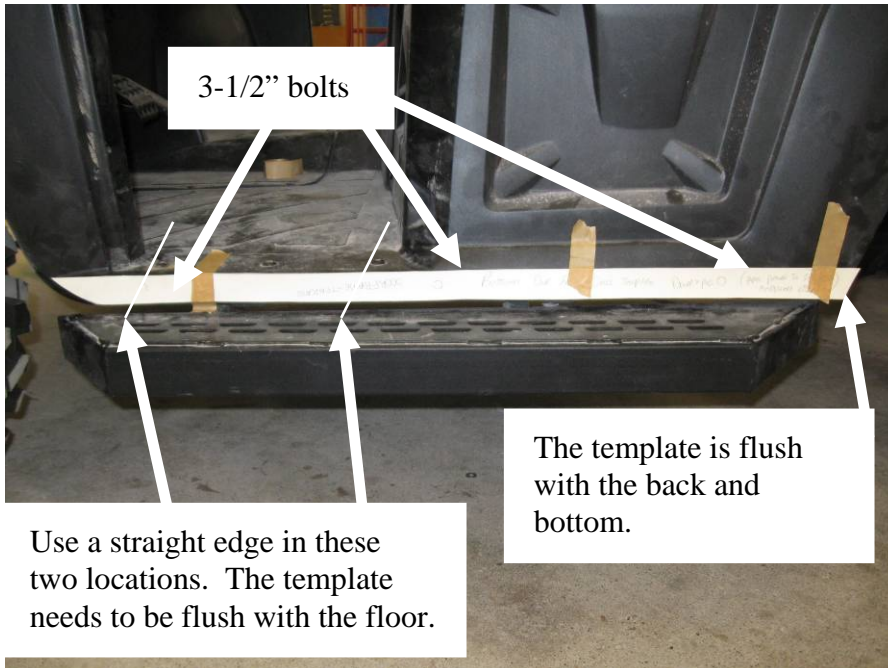


Figure 3

Reminder: All exterior bolts need a Rubber Bonded washer under the bolt head.
 A 1/4" flat washer with a 1/4" nylock nut on the back side.

Note: It is recommended that you drill all of the holes for either the drivers or passenger side and then install that side before drilling the opposite side.

Caution: When drilling the lower rocker panel holes on the passenger side, use extreme care not to drill into the fuel tank. Inspect the area prior to drilling and note the location of the fuel tank. Use a sharp, short drill bit and drill carefully.

5. After the template holes are drilled on one side fasten that panel to the machine. Push the panel in tight against the rear panel and use the hole in the panel as a guide to drill a 9/32" hole thru the frame. Use the spacers between the panel and the frame. The bottom threshold bolts should be tightened just enough for the foam to seal and bolts to not rattle.

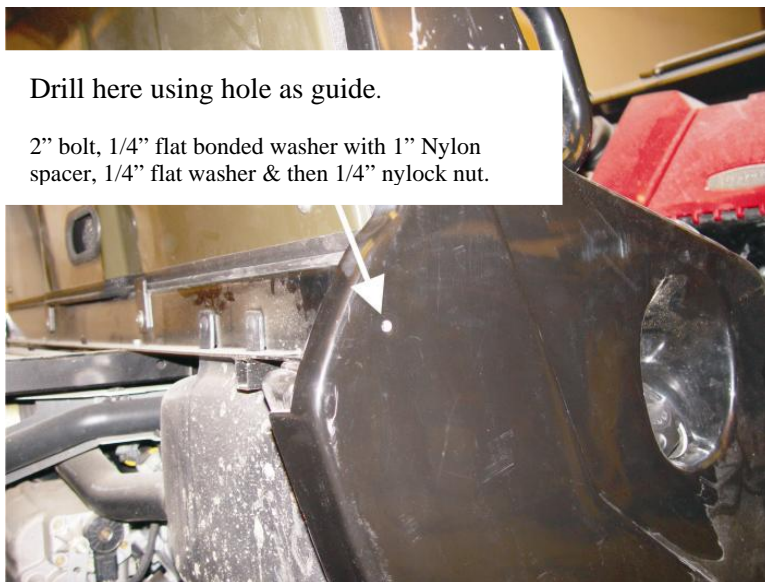


Figure 4

Repeat steps 2 through 5 for the opposite side panel

6. Install the upper side panel. The panel will bolt directly to the lower side panel and through one clamp on the roll bar. Once the roof and windshield are installed you may need to apply foam spacing tape in the area shown to ensure that the upper panel fits snugly against the roof and windshield.

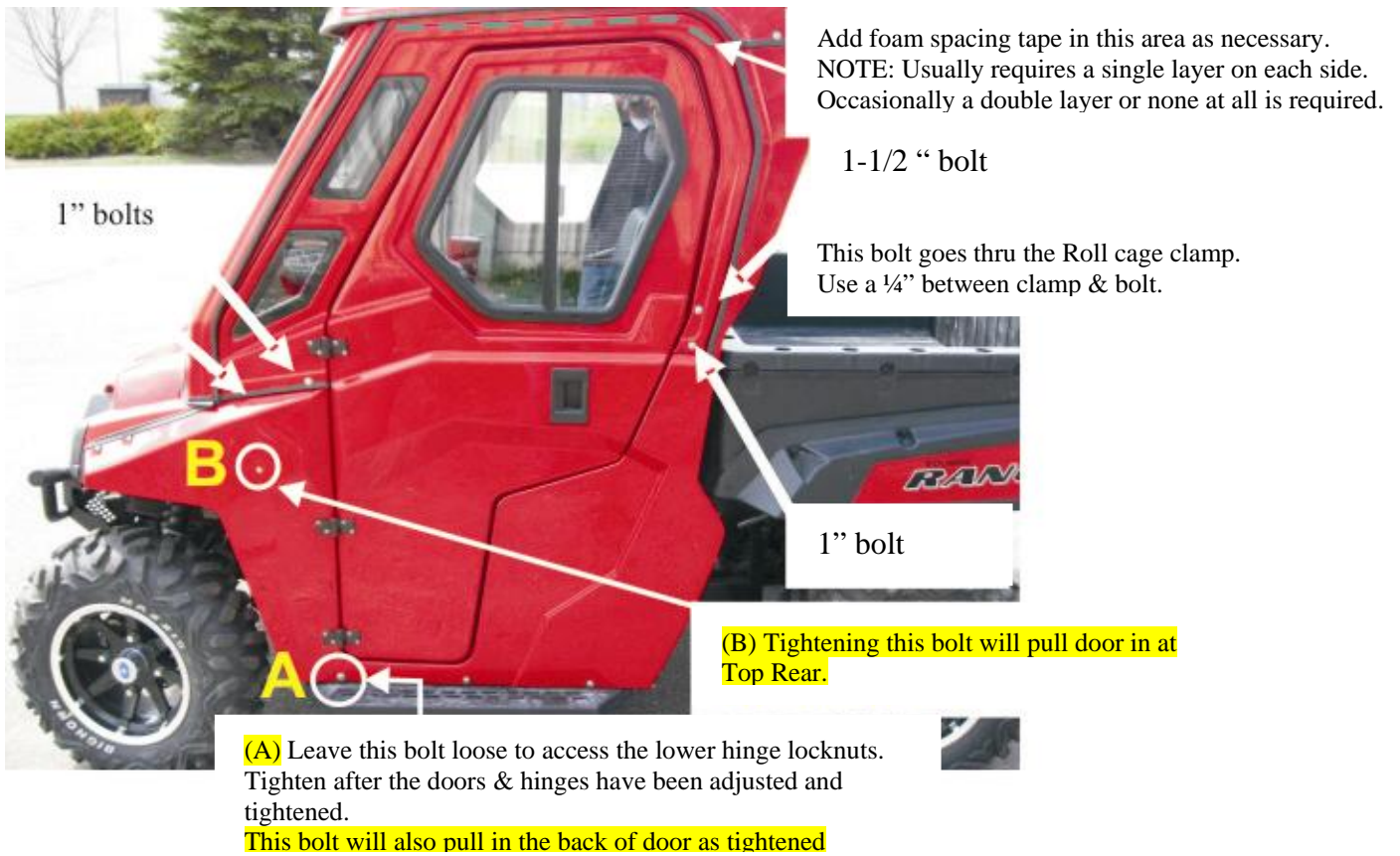
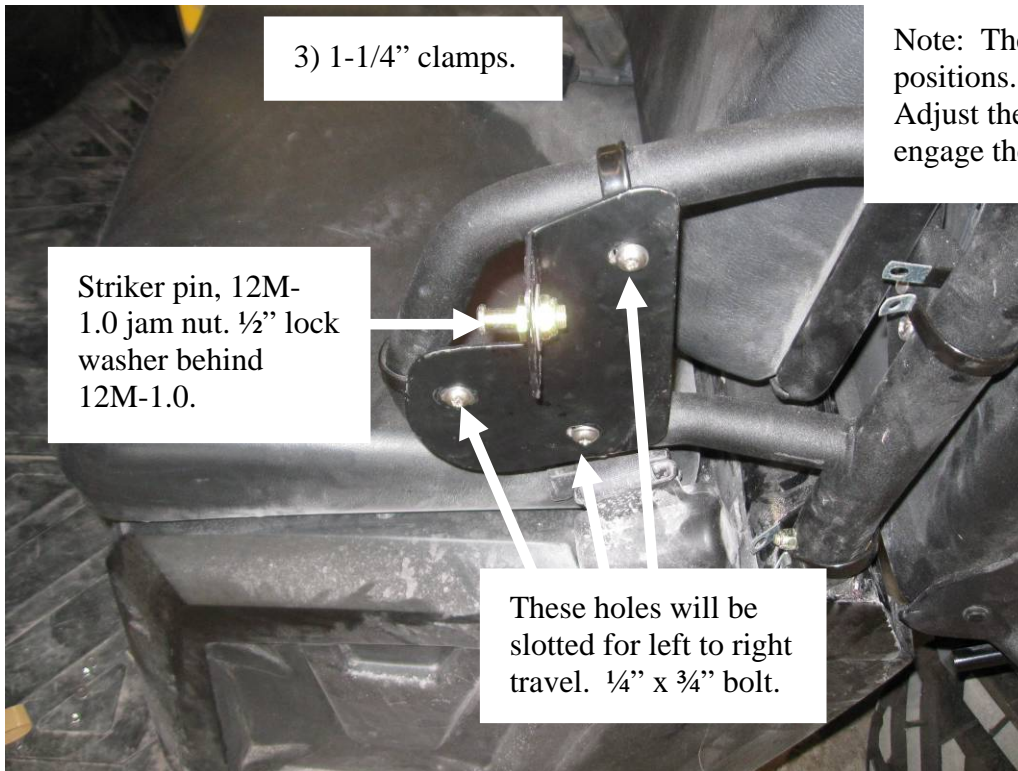


Figure 5

7. Install the windshield and roof. Make sure the threshold panel fits inside the windshield, roof and rear panel.
8. Adjust and position all panels and tighten all fasteners (complete the instructions for the windshield and top and back panel). ***Except as noted in the photo above***
9. Now install the striker plates and striker pins. The hole for the pin is slotted for in and out travel. This can be adjusted for a tighter fit when the door is closed.



Note: The door latch has 2 catch positions.
Adjust the striker pin to fully engage the second position.

Figure 6

10. Hang the door. The hinge halves that are on the upper and lower side panels are slotted and may need alignment for the door to be mounted. The hinges on the doors are aligned from the factory and we recommend not adjusting them. Once the door is hanging, slowly shut it until it hits the striker pin. Adjust the pin and plate as needed for the latch to catch and compress the seal around the perimeter. Also, as you are doing this you will need to watch the outside perimeter of the door and make sure it is centered in the door jamb. Adjust the door until getting a consistent gap between the door and the surrounds. There are slots in the hinges for this. In extreme cases you may need to adjust the door surrounds.

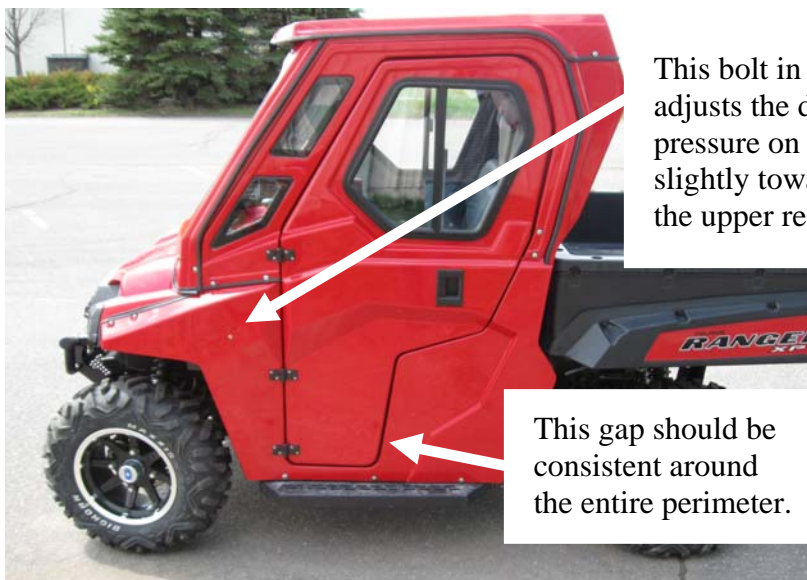


Figure 7

11. After the door is hung and adjusted properly install the supplied nylon strap (door stop). The hinge bolts will go through the strap.



Figure 8

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