

POLARIS 2017-22 Ranger 1000/XP1000 Electric Tilt Windshield

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.

KIT CONTENTS:

- Windshield Frame x1
- Hinge Bracket x1
- Dr Side Hinge x1
- Pass Side Hinge x1
- Glass Retainer (Long) x2
- Glass Retainer (Short) x2
- Bubble Weather Seal x162in
- Windshield Seal x140in
- Glass x1
- Actuator x1

TOOLS NEEDED:

- 5/32" Allen Wrench
- 3/8" Socket/Wrench
- 13mm Socket/Wrench
- 16mm Socket/Wrench

HARDWARE INCLUDED:

- 1/4" Lock Nuts x4
- 1/4" x3/4" Button Head Bolts x4
- 8mm x 25mm Button Head Bolts x4
- 8mm Flange Nuts x4
- 8mm Flat Washers x4
- 8mm Nylock Nuts x2



Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

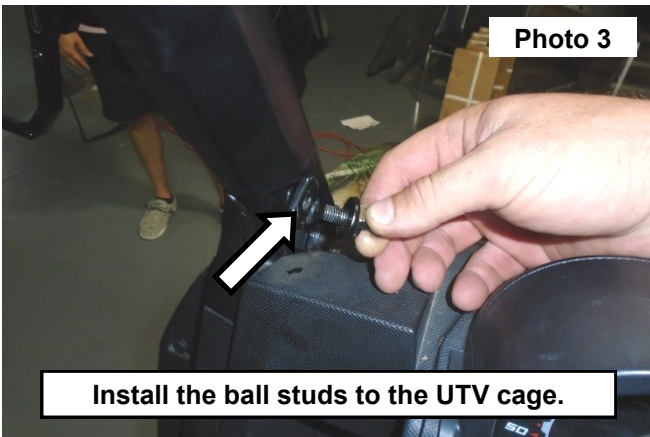


INSTALLATION INSTRUCTIONS

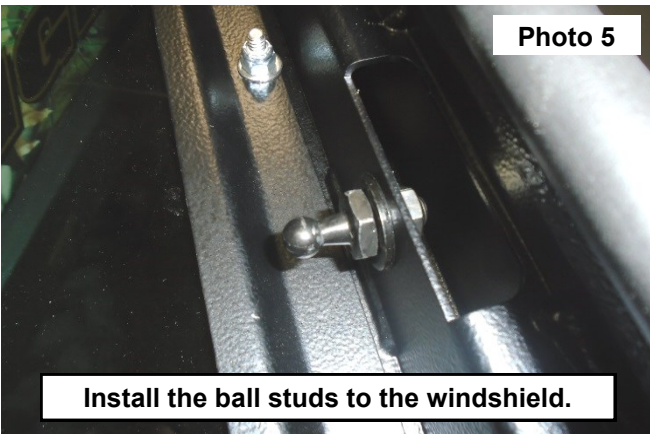
1. Install the rubber weather seal along the edge of the windshield frame and the windshield (the seal with the bubble is for the frame). Use a dead blow hammer to fully seat the seal. Cut the excess seal. **See Photo 1 and Photo 2.**



2. Install supplied ball studs using the supplied black zinc nylock nuts in the cage using a 16mm and 13mm socket/wrench. **See Photo 3 and Photo 4.**



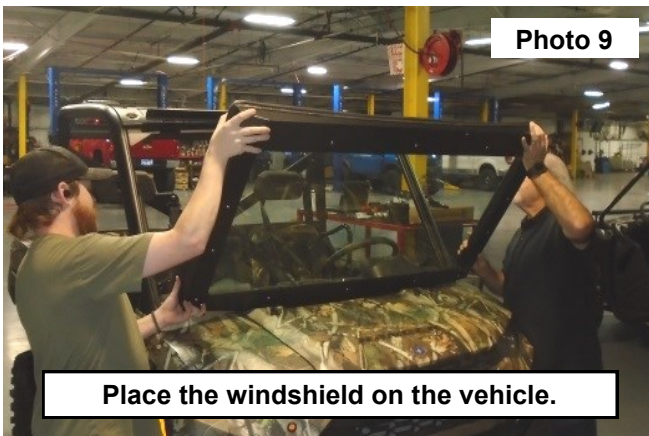
3. Install the ball studs and nuts to the windshield using a 16mm and 13mm socket/wrench. **See Photo 5 and Photo 6.**



4. Install the Dr/Pass side hinges and hinge bracket to the top of the vehicle with the supplied 8mm bolts and nuts using a 5mm Allen wrench and 13mm socket/wrench. See **Photo 7** and **Photo 8**.



5. Place the windshield on the vehicle. See **Photo 9**.
6. Install the windshield to the hinge bracket with the supplied 1/4" x 3/4" bolts, nuts, and washers (head side of bolt) using a 5/32" Allen wrench and 3/8" socket/wrench. See **Photo 10**.



7. Install the actuators on to the ball studs. See **Photo 11** and **Photo 12**.



8. Run the actuator wires to the UTV along the desired route.

9. If the vehicle is not equipped with a factory roof, you may need to make cut outs for the hinges to have clearance.
See Photo 13.



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