

# KOLPIN<sup>®</sup> OUTDOORS

## YOUTH Ranger 150 COMBO KIT

P/N 2150

### ASSEMBLY / OWNERS MANUAL

Before you begin, please read and understand these instructions. Also review the box contents to ensure all parts are accounted for.



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## BEFORE YOU BEGIN

Thank You and congratulations on your purchase! Kolpin windshields are the most durable windshields in the industry. With proper installation, care, and maintenance, your Kolpin windshield will last for years to come! Before You Begin:

- Inspect the contents of the package to ensure all parts and tools are accounted for. If any hardware is missing, do not return to the store. Call Kolpin directly for assistance. Toll Free 1-877-956-5746.
- Please read and understand all assembly instructions, notices and warnings before assembling and operating your Kolpin windshield.
- For proper installation, two people are highly recommended.
- Keep these instructions for future reference. Dealers: Provide owner manual to customer at time of purchase.
- To facilitate installation, make sure your vehicle is clean and free of debris.
- All directions referring to right and left are when the rider is sitting on the machine.

**APPROXIMATE ASSEMBLY TIME: 30 minutes**

### TOOLS REQUIRED FOR INSTALLATION:

- 3 mm hex socket or hex key
- 8 mm combination wrench
- Shears or wire cutter
- Scissors

### SAFETY INFORMATION

Our windshields were designed with your safety in mind. Please read and understand all Cautions, Notices and Warnings in this manual before you begin.

 **DANGER** 

**TO AVOID SERIOUS INJURY OR DEATH:**

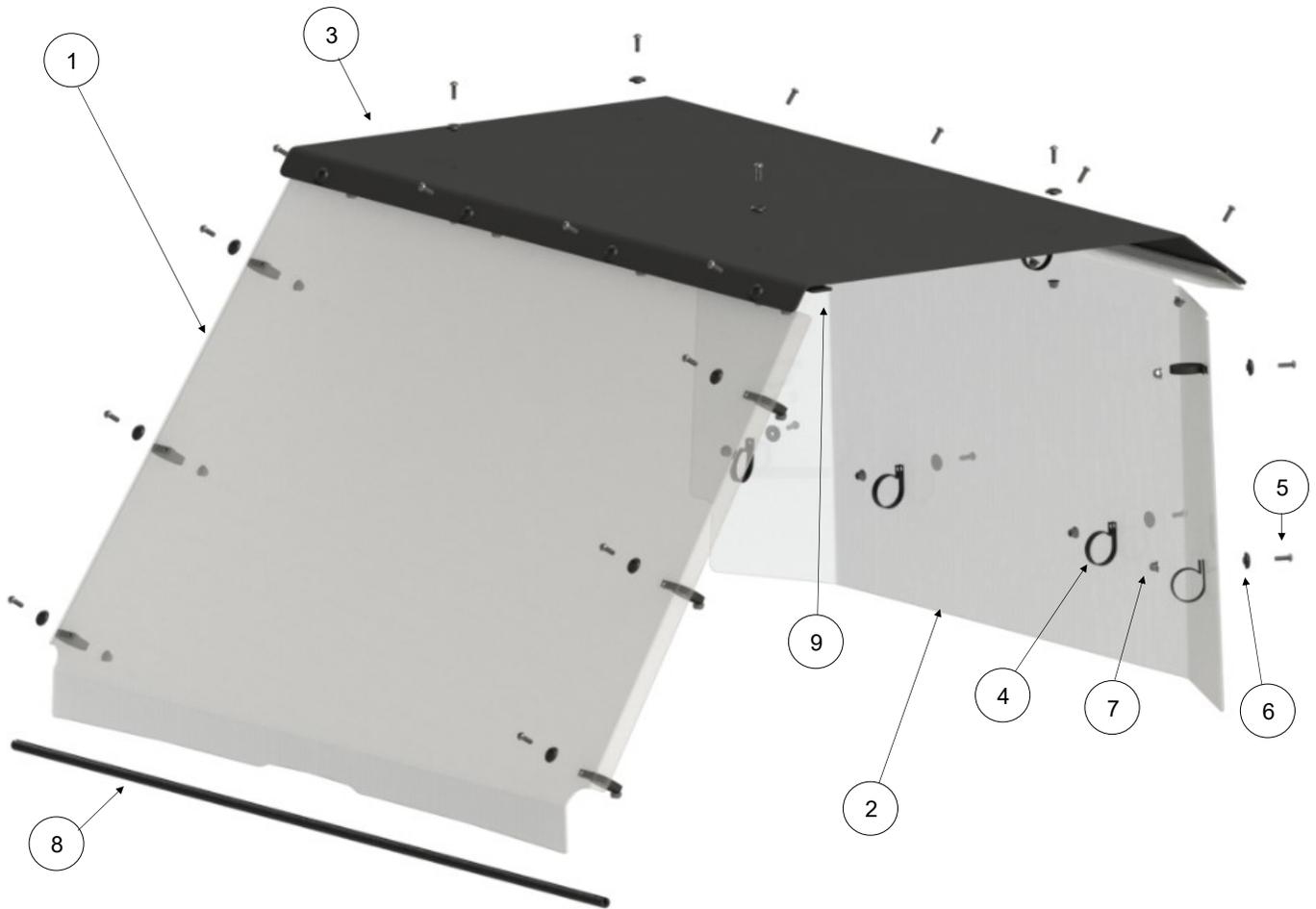
1. OPEN POSITIONS ON FULL TILTING WINDSHIELDS ARE DESIGNED FOR LOW-SPEED RIDING ONLY.
2. IF VEHICLE IS TRAIERED FACING FORWARD, FULL TILTING WINDSHIELDS MUST BE IN THE CLOSED POSITION WITH TILTING T KNOBS TIGHTENED. FAILURE TO CLOSE AND SECURE THE WINDSHIELD MAY ALLOW AIRFLOW TO SEPARATE WINDSHIELD FROM VEHICLE, RESULTING IN AN ACCIDENT AND SEVERE INJURY OR DEATH. DO NOT TRAILER VEHICLE FACING REARWARD WITH WINDSHIELD INSTALLED. AIRFLOW MAY CAUSE WINDSHIELD TO SEPARATE FROM VEHICLE, RESULTING IN AN ACCIDENT AND SEVERE INJURY OR DEATH. REMOVE WINDSHIELD OR TRANSPORT VEHICLE IN ENCLOSED TRAILER.
3. UTVs ARE TO ONLY BE DRIVEN WITH CLEAN WINDSHIELDS FOR DRIVING VISIBILITY. IF DIRT OR DEBRIS ACCUMULATES ON THE WINDSHIELD WHEN RIDING, STOP THE UTV AT THE NEXT SAFE LOCATION ON THE TRAIL TO CLEAR OFF THE WINDSHIELD BEFORE RESUMING RIDING.
4. ONLY INSTALL WINDSHIELDS THAT ARE DESIGNED FOR THE MAKE AND MODEL OF THE UTV. INSTALLATION OF A WINDSHIELD THAT WAS NOT DESIGNED FOR THE UTV MAKE AND MODEL CAN IMPACT WINDSHIELD DURABILITY AND PERFORMANCE.
5. READ AND UNDERSTAND WINDSHIELD INSTRUCTION SHEETS AND UTV OWNER MANUAL BEFORE WINDSHIELD INSTALLATION OR OPERATING THE VEHICLE.
6. PERIODICALLY CHECK FOR WEAR AND TIGHTNESS OF ALL FASTENERS. REPLACE OR RE-TORQUE FASTENERS AS NECESSARY.

**If any hardware is missing, do not return to the store. Call Kolpin directly for assistance.**

**Toll Free 1-877-956-5746.**

**Kit Contents:**

Assembly			Spare Kit PNs		
Item	Part Description	Qty	K100192	PUR3371	PUR3357
1	Front Windshield	1			
2	Rear Windshield	1			
3	Roof Panel	1			
4	P- Clamp	16	16		
5	Button Head Screw - M5 x 16mm	24	24		
6	Domed Shoulder Washer	24	24		
7	Flanged Locknut - M5	24	24		
8	Edge Guard	1		1	
9	Foam Cushion	2			1

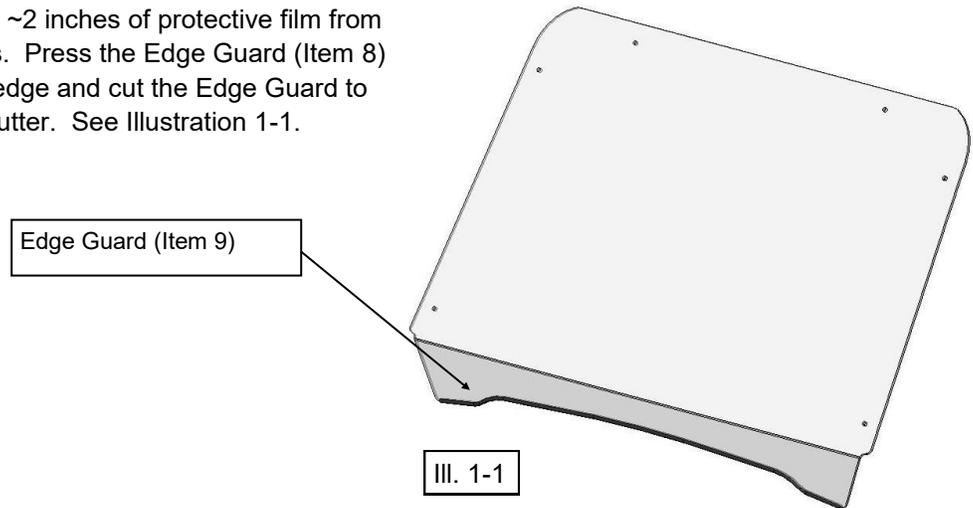


**Installation Prep:**

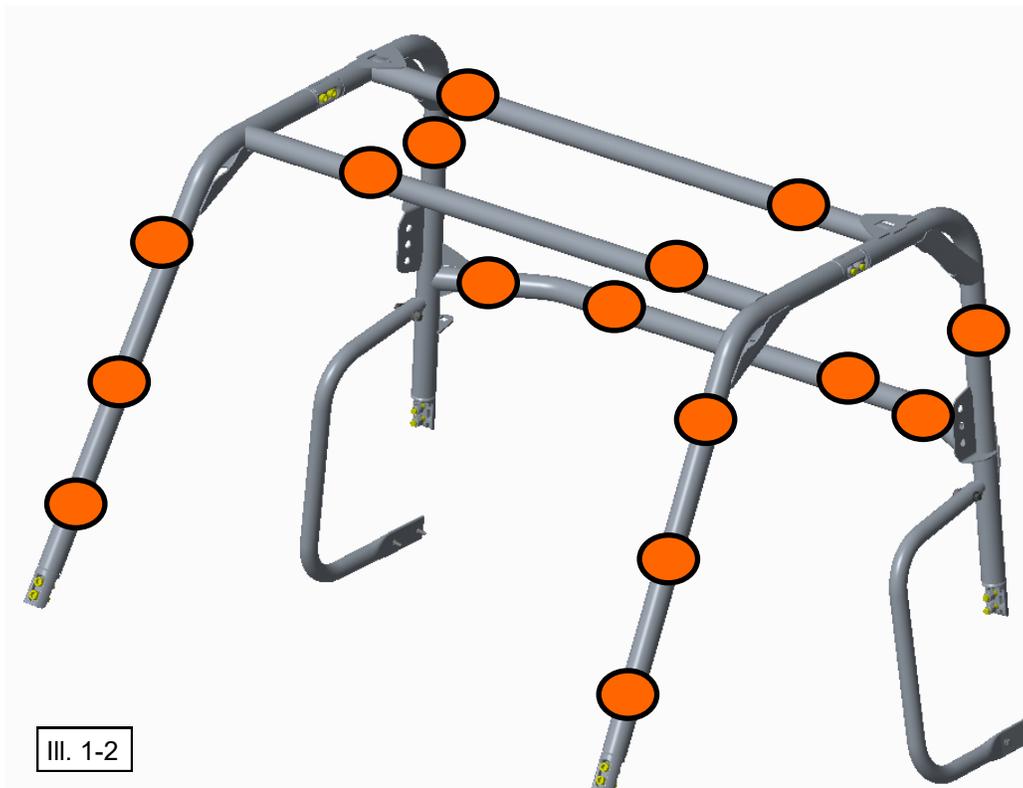
1. To facilitate installation, make sure that your vehicle is clean and free of debris.
2. All directions referring to right and left are when the rider is sitting on the machine.

**Installation:**

1. Remove Front Windshield (Item 1) from the box and set on a clean flat surface with the protective film still in tact.
2. On the bottom edge, peel back ~2 inches of protective film from the inside and outside surfaces. Press the Edge Guard (Item 8) into position along the bottom edge and cut the Edge Guard to length using shears or a wire cutter. See Illustration 1-1.

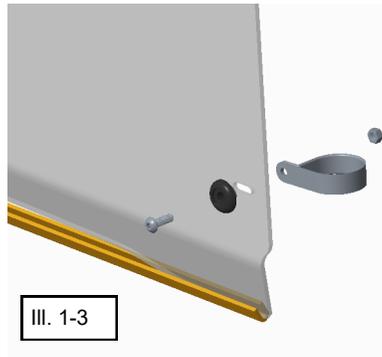


3. Position (16) P-Clamps (Item 4) on the ROPS of the vehicle without hardware. See Illustration 1-2.



4. Install Front Windshield to the P-Clamp (Item 4) using (1) M5 x 16 mm Button Head Screw (Item 5), (1) Domed Shoulder Washer (Item 6) and (1) M5 Lock Nut (Item 7). Repeat for remaining (5) clamp assemblies for the front windshield. Keep loose and do not tighten at this time. See Illustration 1-3 and 1-4..

5. Install Rear Panel (Item 2) to the outside of the B-Pillar using the (6) P-clamps on the B-Pillar and rear cross member using (6) M5 x 16 mm Button Head Screws (Item 5), (6) Domed Shoulder Washers (Item 6) and (6) M5 Lock Nuts (Item 7). Keep loose and do not tighten at this time. See Illustration 1-5.



6. Install Roof (Item 3) to the (4) roof ROPS P-Clamps using (4) M5 x 16 mm Button Head Screws (Item 5), (4) Domed Shoulder Washers (Item 6) and (4) M5 Lock Nuts (Item 7). Keep loose and do not tighten at this time. See Illustration 1-6.



7. Assemble the roof to the top edge of the windshield and to the top edge of the back panel using (8) M5 x 16 mm Button Head Screws (Item 5), (8) Domed Shoulder Washers (Item 6) and (8) M5 Lock Nuts (Item 7). See Illustration 1-5 and 1-6.



8. Size and cut to length the (2) Foam Cushions (Item 9) so they can be positioned between the roof and the top of the ROPS. Once the foam seals are in position, peel off the backing and affix to the top of the ROPS. See Illustration 1-7 and 1-8.

9. Tighten all hardware to specification.

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<b>5MM FASTENER TORQUE:</b> 4ft. lbs. (5.5 Nm)



# One Year Limited Warranty

For the period of one (1) year from the purchase date, Kolpin will replace for the original purchaser, free of charge, any part or parts found upon examination by Kolpin to be defective in material, workmanship, or both.

All transportation costs incurred submitting product to Kolpin for warranty consideration must be borne by the purchaser. If Kolpin determines that the product must be returned to the factory for credit, please call 1-877-956-5746 for a Return Merchandise Authorization (RMA) number and shipping instructions.

This warranty does not apply to parts that have been damaged by accident, alteration, abuse, improper maintenance, normal wear, or other causes beyond the manufacturer's control. In order to protect you and your ATV, certain parts of the accessory system and/or hardware are designed to fail when the equipment is over-stressed. Parts that are lost due to loosening and improper maintenance are not covered under warranty. This warranty does not cover removal or reinstallation labor fees of the plow system and related components.

Peripheral products such as engines, electric motors, and actuators may carry an original manufacturer's warranty. Most hardware is general in nature and is easily obtained locally. Be sure to replace with minimum metric class 8.8 specification.