

Yamaha Wolverine X2 / X4 Glass Windshield



Product Instructions | Part No: 28500

Application: Yamaha Wolverine X2 / X4, verify accessory fitment at Kolpin.com.

Before You Begin: Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Note: If any hardware is missing, do not return to the store. Call us to help, Toll Free 1-877-956-5746.

Note: Two people are required to install this Windshield Kit.

Items marked (*) are included in Hardware Kit PN 28501.

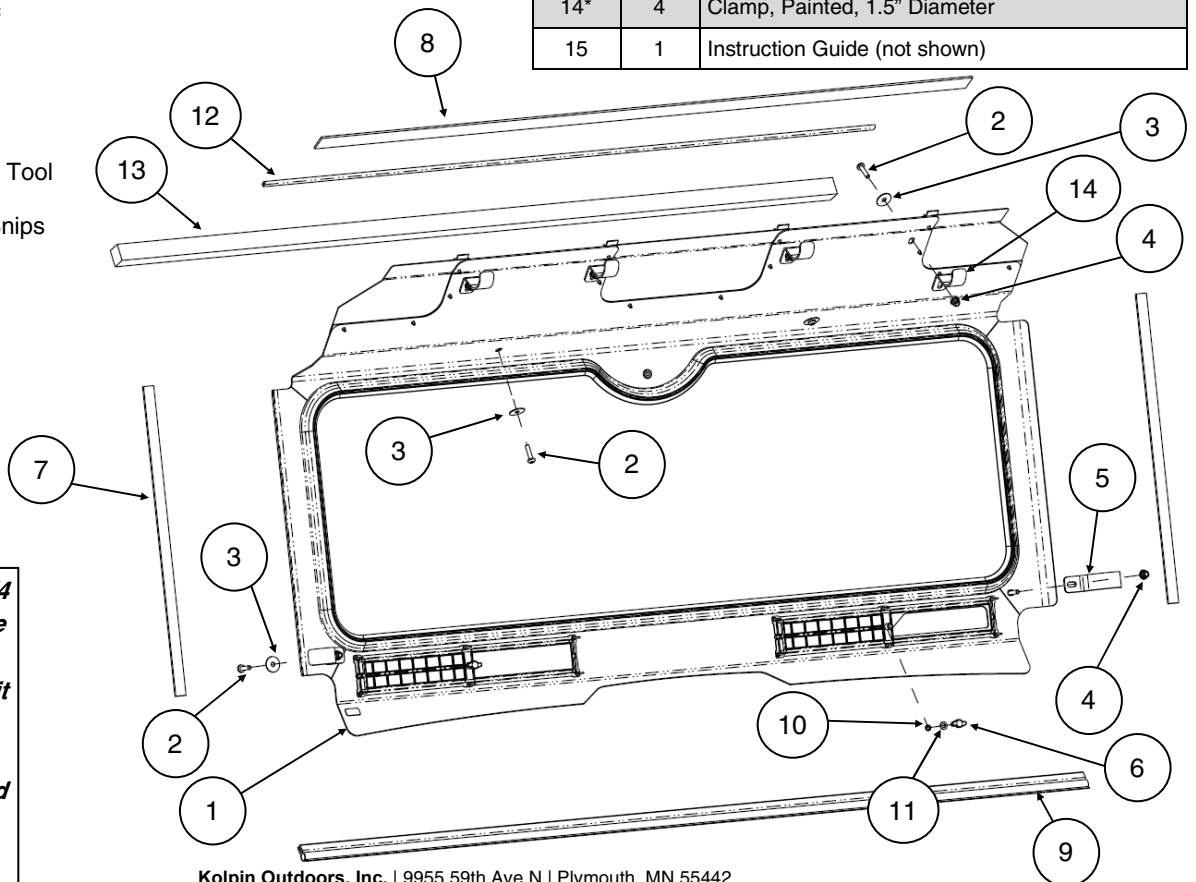
Items marked (**) are included in Hardware Kit PN 28091.

Tools Required:

- Socket Set, Metric
- Wrench Set, Metric
- Torx Bit Set
- Torque Wrench
- Utility Knife/Cutting Tool
- Metal Shears/Tin Snips

This Kit includes:

Item	Qty	Part Description
1	1	Wolverine Glass Windshield
2*	8	Button Screw, Zinc Plated, M6 x 1.25 - 25mm LG
3*	8	Flat Washer, Zinc Plated, M6
4*	6	Flange Locknut, Zinc Plated, M6-1.25
5*	2	Clamp, Painted, 2.0" Diameter
6**	2	Thumbscrew Knob, M6-1.0 thread
7*	2	Short Thin Foam Strip
8*	1	Long Thin Foam Strip
9*	1	Bulb Trim Seal
10**	2	Small Lock Washer, Zinc Plated
11**	2	Small Flat Washer, Zinc Plated
12*	1	Edge Trim Seal
13*	1	Thick Foam Seal
14*	4	Clamp, Painted, 1.5" Diameter
15	1	Instruction Guide (not shown)



Note, Wolverine X2/X4 kit includes hardware to fit X2 and X4 vehicles. Also, this kit will fit with OEM roofs. Not all hardware will be used for your specific application.

Kolpin Outdoors, Inc. | 9955 59th Ave N | Plymouth, MN 55442

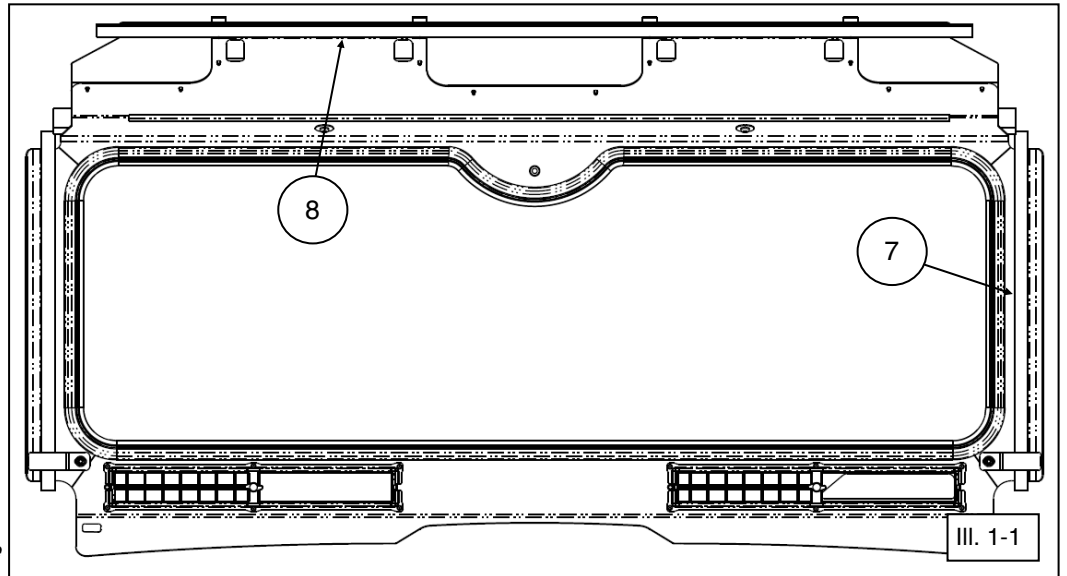
(877) 956-5746 or (763) 478-5800 | www.kolpin.com | customerservice@kolpin.com

Assembly Time: Approximately 15 minutes

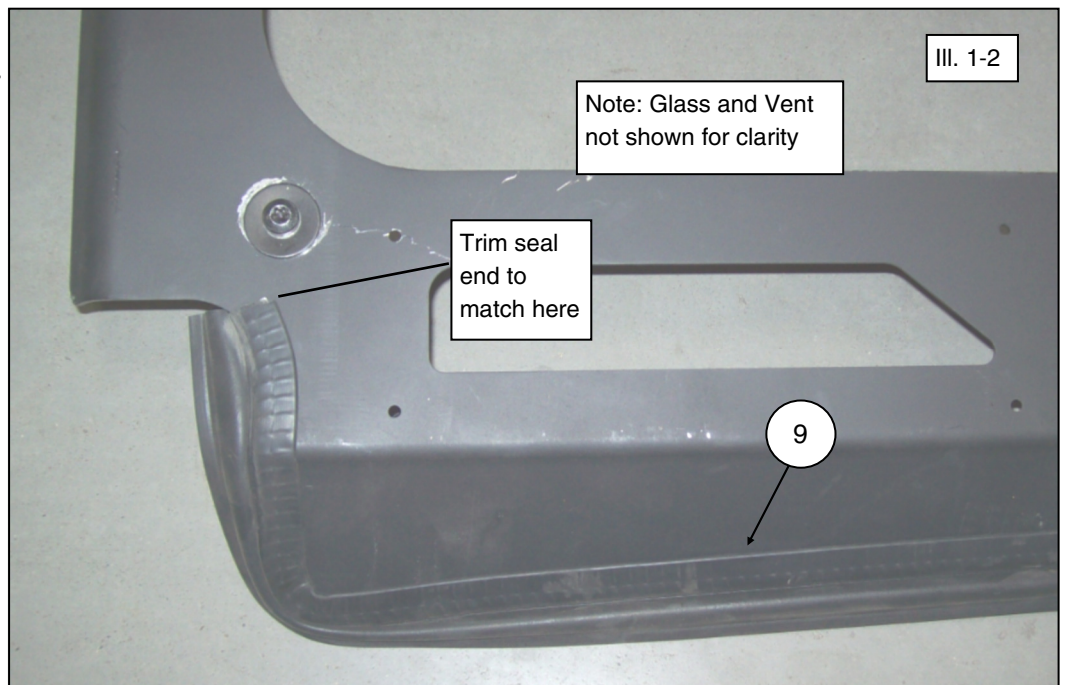
Important: Your Kolpin Glass Windshield Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown. For better cab assembly procedure, install kits in the following order: front window, rear window, and roof.

Installation Instructions:

1. Shift vehicle transmission into "NEUTRAL" and set "PARKING BRAKE". Turn key to "OFF" position and remove from vehicle.
2. Clean rear surface of glass windshield (item #1) as required, then apply short thin foam strips (item #7) and long thin foam strip (item #8) as shown. Trim seals as required. (See illustration 1-1).
Note: You can position windshield on a-pillars of cab frame, aligning top edge with visor, then mark with tape or pencil where the cab frame tubes match with rear surface of glass windshield. The alignment marks help locate where the foam strips will be applied.

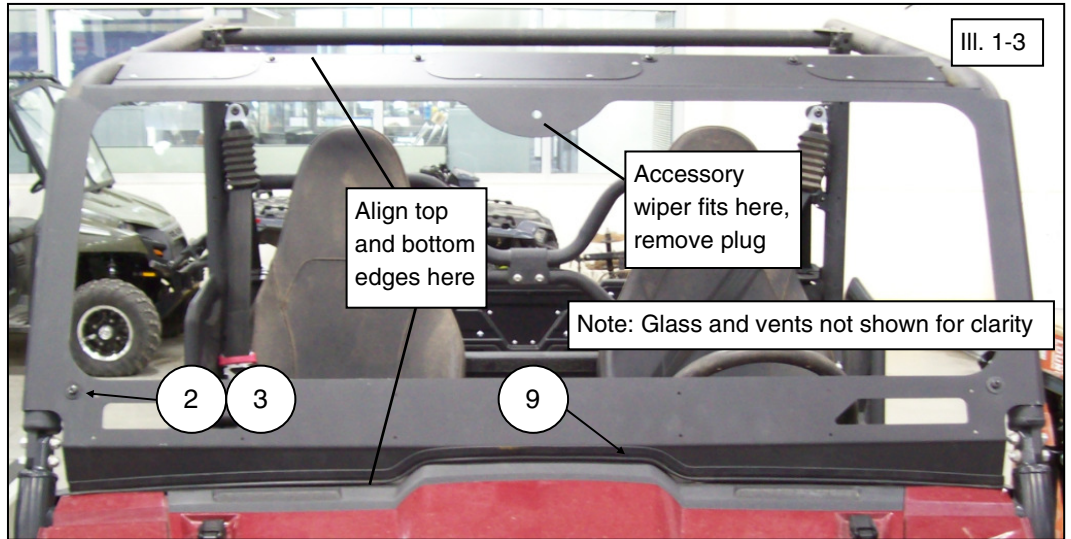


3. By firmly pressing with hand, install the bulb trim seal (item #9) onto the front lower surface of the glass windshield (item #1) as shown. Trim seal ends to match up with location as shown. (See illustration 1-2).
Note: The bulb trim seal has metal retainer strip, recommended cutting tool is metal shears/tin snips.

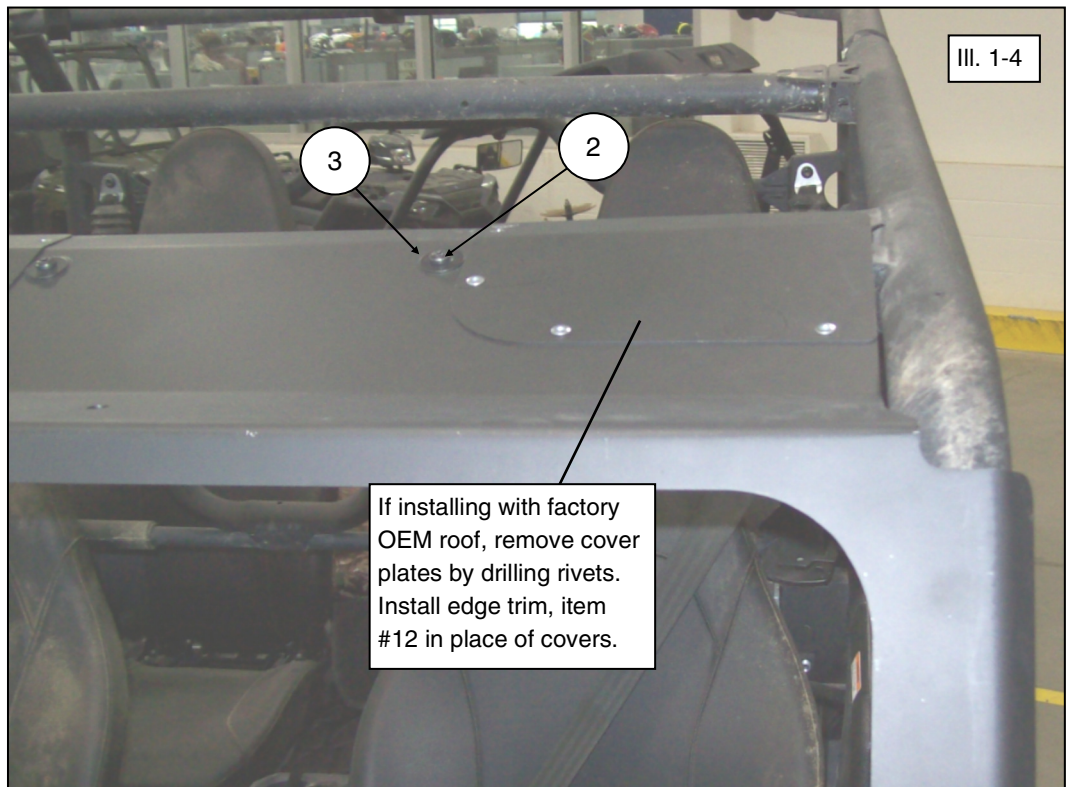


**Installation Instructions
(Continued):**

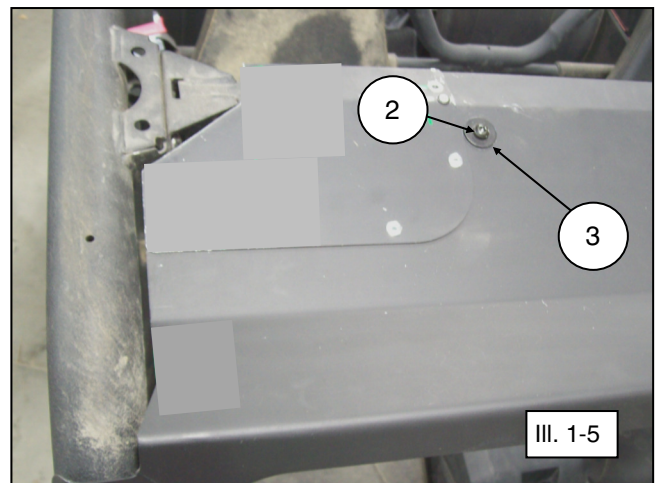
4. *Note, if vehicle has factory OEM roof, temporarily remove to install glass windshield. Keep OEM roof fasteners to reinstall once windshield is in place. The Kolpin windshield has cover plates that will need to be removed to allow fitment with OEM plastic roof. (See illustrations 1-4 and 1-7). If your vehicle does not have OEM roof, proceed to below step.*



5. Place the windshield assembly onto the vehicle, aligning the top edge with the cab frame upper cross member and bottom edge with the dash as shown. (See illustrations 1-3 and 1-4).




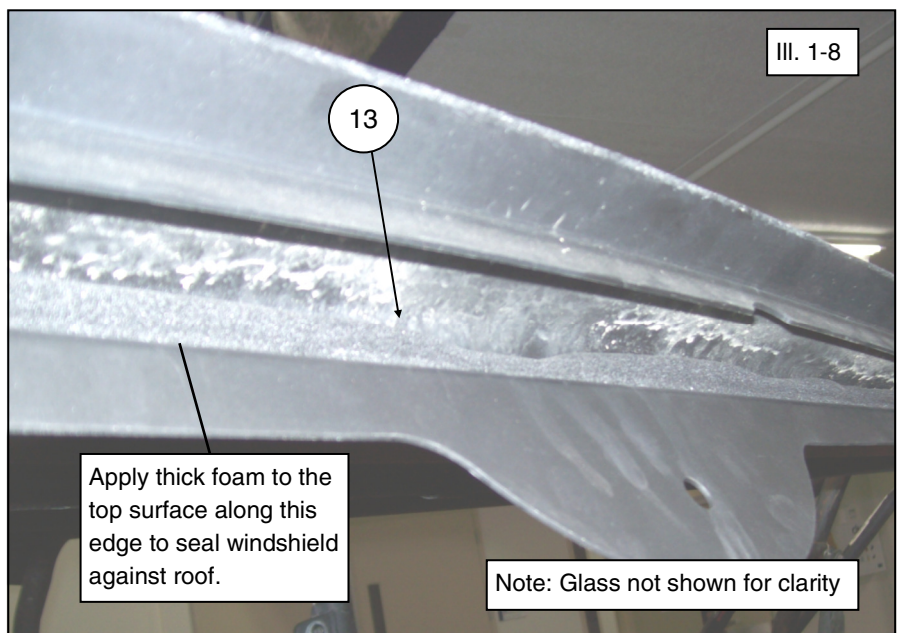
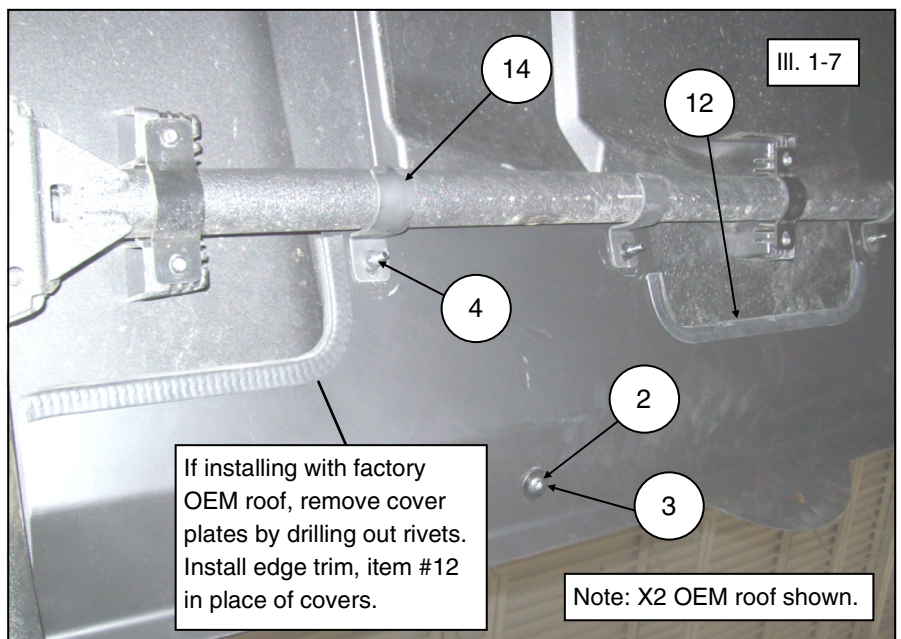
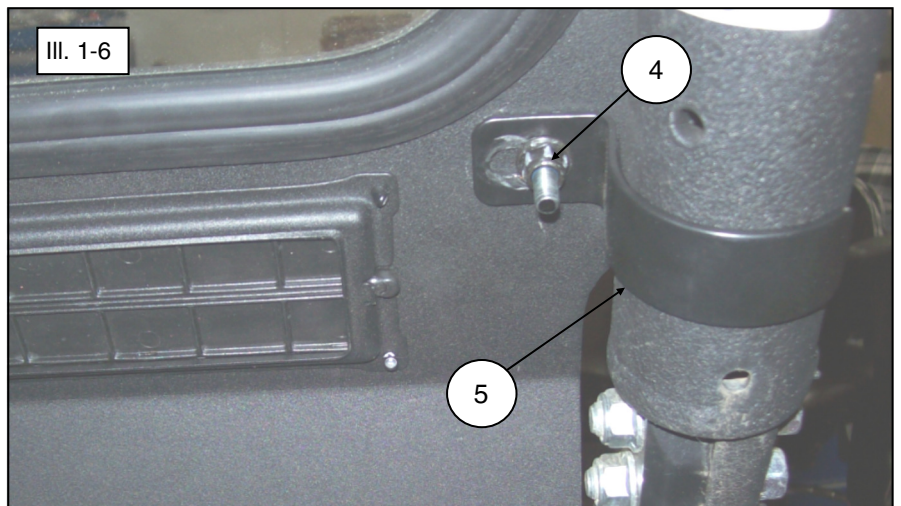
6. From the front windshield surface, insert M6 screws (item #2) thru M6 washer (item #3) and then thru each of the six slotted hole locations as shown. (See illustrations 1-3, 1-4 and 1-5).



Installation Instructions (Continued):

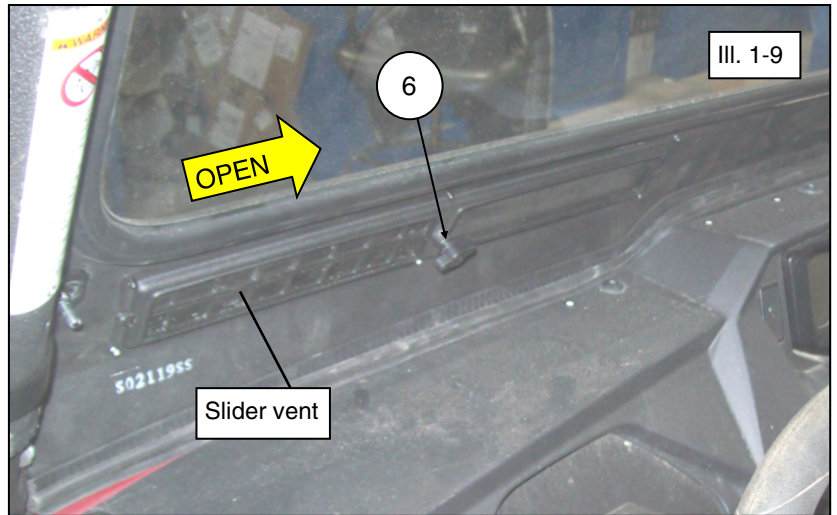
6. Center the windshield onto the cab frame and then from rear windshield surface, place larger clamps (item #5) around cab frame a-pillar tubes and fasten with M6 locknuts (item #4) as shown. Use the smaller clamps (item #14) to secure windshield to upper cab frame cross member tube. (See illustrations 1-6 and 1-7).
7. If windshield is installed with roof, use the thick foam (item #13) and apply to the top windshield surface. The thick foam will be positioned in between roof and windshield to seal cab interior. (See illustration 1-8).
8. For windshield installation with X2 factory OEM roof, use the screws (item #2) and flat washers (item #3) to secure the windshield to the roof mounting clips. (See illustration 1-7).
9. Tighten all hardware to specification.

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6MM FASTENER TORQUE: 7 ft. lbs. (9.5 Nm)



Slide Vent Operation:

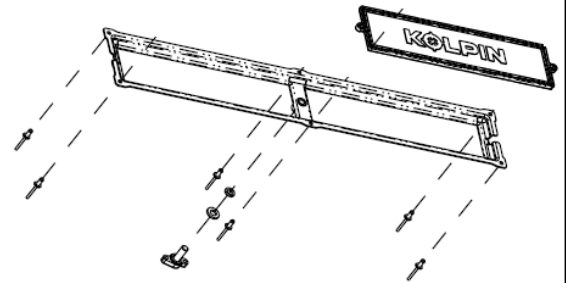
- To open slider vents, slightly loosen the thumbscrew knob (item #6) and move plastic slider as desired in direction shown, then snugly retighten thumbscrew. (See illustration 1-9). **Note: Make sure thumbscrew knob is always snugly tight, do not overtighten.**



WARNING: If transporting vehicle in non-enclosed trailer then vehicle must FACE FORWARD, or windshield must be removed.

Failure to comply may allow airflow, vibration, or other factors to separate windshield from vehicle and cause and accident, resulting in serious personal injury or death.

Spare Kit PN 28090: Windshield Vent Slide - Single
(Includes plastic slider, metal frame, thumbscrew, flat washer, lock washer, six rivets)



Use and Care Information:

- Check the accessory mounts frequently and retighten hardware if necessary.
- Replace this accessory with a new one if it is damaged.
- Never use petroleum solvents such as gasoline, thinner, benzene, acid or alkaline cleaners.

For additional assistance, please contact Kolpin customer service department at (877) 956-5746 or (763) 478-5800 or email customerservice@kolpin.com

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.