

UTV Short Manual Wiper Blade



Product Instructions | Part No: 28005

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.**

Kit contents:

Item	Qty	Part Description
1	1	250mm Rubber Blade
2	1	250mm Wiper Arm
3	1	Black Ball Knob Manual Wiper Handle
4	2	Hex Nut
5	2	Flat Washer
6	2	Rubber Gasket Washer
7	1	Threaded Banjo Stud
8	1	Flange Serrated Nut

This manual wiper blade is designed to quickly and easily universal mount to any flat drillable hard-coat polycarbonate surface and specific Kolpin glass windshields. The kit includes a 10" wiper arm and 10" wiper blade. Riding in the rain or mud is now more enjoyable with your manual wiper blade.

Note, installation may be easier if certain items are removed from vehicle first. This is a universal product so fitment may vary depending on your UTV and windshield.

Tools and Supplies Required

- 10mm Wrench
- 17mm Wrench
- 1/2" Drill Bit or Spade Bit, brand new or cleaned of oil residue (if drilling is required for your application)

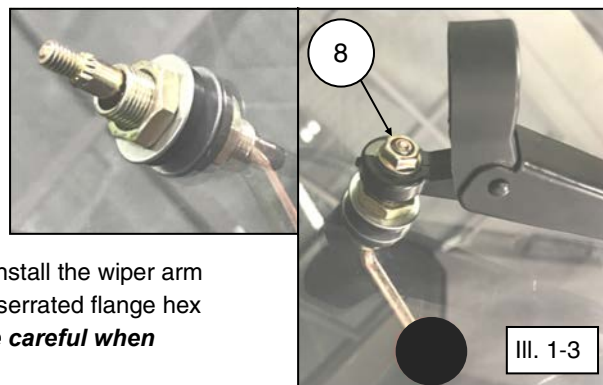
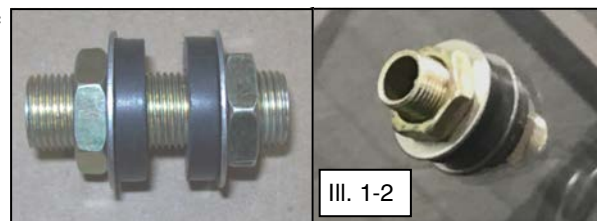
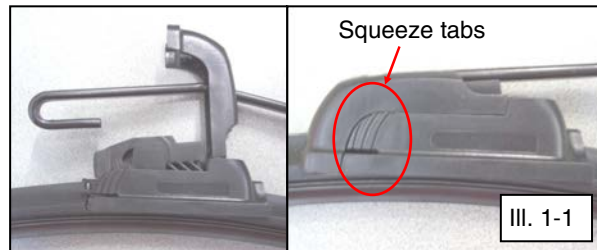


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Wiper Installation:

1. Attach the rubber blade (item #1) onto the wiper arm (item #2). Flip open the plastic flap on the rubber blade by squeezing each side to release. Then slide the wiper arm end hook onto the exposed hairpin shape of the rubber blade. Close the plastic flap once attached as shown. (See illustration 1-1).
2. Pick the installation location of your preference by holding the wiper in several locations to determine what will work best for your needs. The manual wiper will work installed in the upper center, lower center, lower and upper corners of polycarbonate windshields. For specific Kolpin glass windshields, the location is pre-defined in the upper center, just remove the plug to access 1/2" diameter hole.
3. **For hard-coat polycarbonate windshields requiring drilling, use a clean or brand-new 1/2" diameter drill bit or spade bit.** Once location has been determined, drill a 1/2" hole in your hard coat polycarbonate windshield. Clean away any burrs or debris from the hole.
4. For the pre-assembled banjo threaded stud, remove one hex nut (item #4), one flat washer (item #5) and one rubber gasket washer (item #6). Insert the banjo threaded assembly into the 1/2" hole and fasten into position with the rubber gasket first, flat washer second and hex nut third. Tighten into position so the rubber gaskets squeeze tightly onto polycarbonate shield or steel frame as shown. (See illustration 1-2).
5. From inside the cab, insert the handle (item #3) thru the banjo assembly and install the wiper arm assembly onto the spindle handle as shown. Fasten assembly together using serrated flange hex nut (item #8). Tighten to specification. (See illustrations 1-3 and 1-4). **Note, be careful when opening plastic cover on wiper arm.**



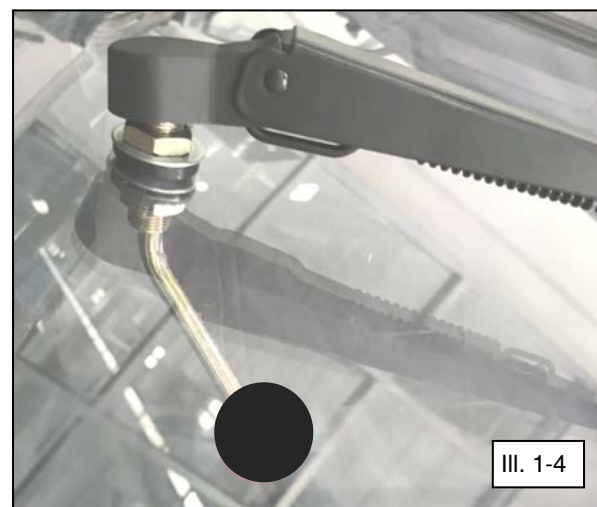
Item	N*m	kgf*m	lbf*ft
8	4	0.4	3

WARNING: Do not over tighten hardware or damage can occur.

Use and Care Information:

- Check the accessory mounting frequently and retighten if necessary.
- Replace this accessory with a new one if it is damaged or discolored excessively.
- When this accessory becomes dirty, rinse it thoroughly with cool water to remove loose dirt, then wipe with a clean cloth or sponge. Never use petroleum solvents such as gasoline, thinner, benzene, acid or alkaline cleaners.

For additional assistance, please contact Kolpin technical 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.