

# EK102 Instructions – Yamaha Rhino Folding Windshield



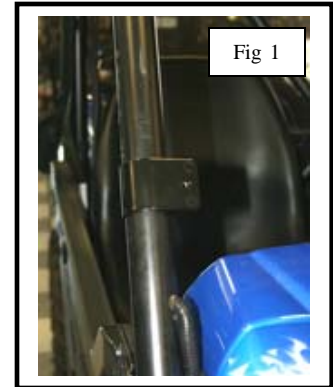
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## Parts List

- 1-Folding Windshield – Hinged
- 1-Metal Windshield Valance
- 1-Self-Gripping Vinyl Edge Trim “U” Shaped
- 1-Self-Grip Rubber Bottom Bulb Seal
- 1-Windshield Mounting Kit: (2) Steel Post Clamps, (2) Rubber Flat Washers, (2) Thumb Drives With Molded Knob
- 1-Upper Retaining Kit: (2) Rubber Strap Latches, (2) Black Zinc Latch Plates, (4) ¼-20x1 ¾” Phil Pan Machine Screws, (4) 5/16” Flat Washers, (4) ¼-20 Locknuts, (4) Rubber Grommets
- 1-Lower Retaining Kit: (2) Injection Molded Hold Down Spools, (2) M6-55 Button Head Machine Screws
- 1-Valance Kit- (2) Cable Clamps, (2) ¼-20x1/2” Truss Phil Machine Screws, (2) 5/16” Flat Washers, (2) ¼-20 Lock Nuts

## Tools Required

- Ratchet & 7/16” Socket
- Wrench – 7/16”
- Screwdriver – Phillips Head
- Allen Head Wrench – 6MM



\*\*Shown on a custom painted Rhino

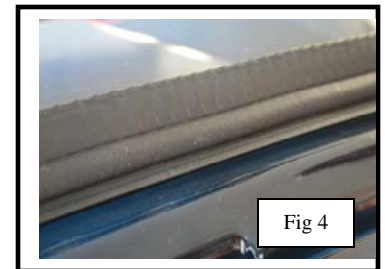
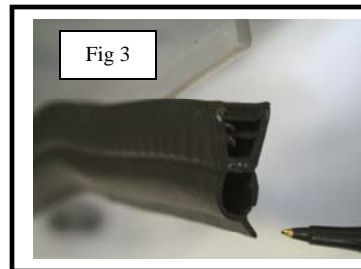
**Step 1** Install Two Steel Post Clamps As Shown In (Fig 1).

**Note: Do Not Tighten All The Way.**

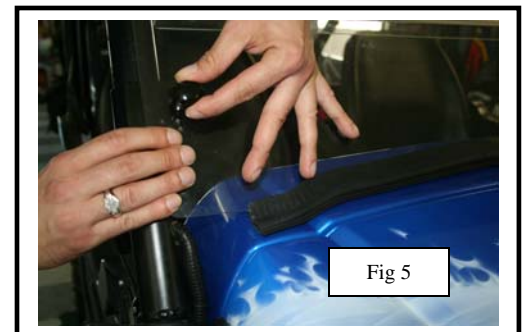


**Step 2** Install Metal Valance As Shown In (Fig 2) Using Hardware From Valance Kit. **Note – If Extra Protection From Rain Is Desired, A Piece Of Weather Stripping Can Be Added Along The Bottom Edge Of The Top (Between Top & Metal Valance). The Extra Holes In The Middle Of The Valance Are Optional Mounting Points For The Top & Valance.**

**Step 3** Remove Protective Film From Bottom Section Of Windshield & Install Rubber Bottom Bulb Seal as shown in (Fig 3 and Fig 4). **Note: The Lip Of The Bulb Seal Should Lay On The Cowl Cap Facing The Front Of The Vehicle Pointing Away From The Driver and Passenger As Shown In (Fig 4)**



**Step 4** Place The Windshield Against The Roll Cage & Align Slots In Bottom Half With The Holes In The Steel Post Clamps. Run The Thumb Drives With Molded Knob Through The Windshield & Into The Threaded Holes In The Steel Post Clamps (Fig 5). **Note: Remember To Include The Rubber Washers Between The Base Of The Knob On The Thumb Drive & The Windshield. (fig 5a)**





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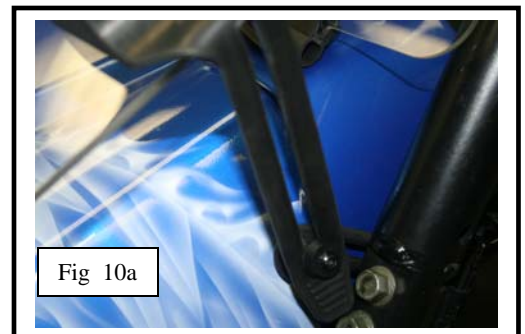
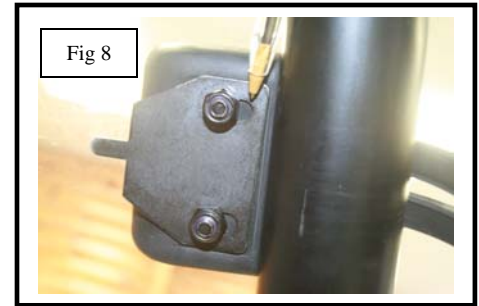
**Step 5** Locate The 4 Rubber Grommets & The Corresponding Machined Holes On The Windshield (Two Per Side In The Upper Corners) Which Will Be Protected By The Grommets. Insert These Grommets Into The Holes And Work Them Around The Hole Until The Grommet Encapsulates Both Surfaces Of The Glass (**Fig 6**). Next Install The Rubber Strap Clamp Over The Grommets On The Inner Surface Of The Windshield (Facing Driver & Passenger) And Run The ¼-20x1 ¾” Bolts & 5/16” Flat Washers Thru The Outside Grommets & The Windshield. See (**Fig 7**).

**Step 6** Unfold The Windshield So That It Is In The “Up” Or “Closed” Position & Place The Latch Plate On The Back Side Of The Rubber Strap Clamp. The Tabbed End Of The Latch Plate Should Face The Center Of The Windshield. Adjust The Alignment Of The Rubber Strap Clamp & Latch Plate By Sliding The Latch Plate Back Until The Trailing Edge Of The Plate Hits The Raised Ridge On The Rubber Strap Clamp (**Fig 8**). Secure With ¼-20” Locknuts. **Tighten All Bolts At This Time. Do Not Over Tighten The Thumb Drive. Make Sure That The Rubber Washer Is Between The Thumb Drive & The Windshield.**

**Step 7** Install The Vinyl Edge Trim Along The Interior Lip Of The Windshield Located Just Below The Hinge (**Fig 9**). **Note: Make Sure The Edge Trim Is Firmly Seated By Pushing On The Outside Edge Of The Trim Until The Windshield Hits The Bottom Of The “U” Shaped Channel.**

**Step 8** Make Sure That The Windshield Is In The “Up” or “Closed” Position & Open The Hood Of The Vehicle By Unlatching Both Of The Tie-Down Straps That Secure The Hood To The Main Body Of The Vehicle. Next, Loosen & Remove The Bolt & Flat Washer That Secure The Tie-Down Strap To The Hood From The Outside. **Note – Continue To Hold The Tie-Down & Any Additional Associated Hardware In Place On The Hood.** Locate The Lower Retaining Kit & Place An Injected Molded Spool On Top Of The Tie-Down Strap Where The Flat Washer Was Located. Run One M6x55 Button Head Machine Screw Through The Spool, Tie-Down, & Remaining Hardware On The Inside Of The Hood, & Re-Secure On The Inside Of The Hood Using The Existing Lock Nut. Repeat The Process On The Other Opposing Hood Tie-Down. **Note - The Injection Molded Spool Will Work In Conjunction With The Rubber Strap Latches Already Installed On The Windshield In Step 5 To Serve As A “Catch” To Hold The Windshield In The Down Position (Fig 10 & 10a).**

*Your Windshield Is Now Complete!*



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