



OPERATIONS MANUAL



RBO™ POLARIS RZR®
FOLDING FRONT WINDSHIELDS



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FEATURES:

With the RBO Fold Down Windshield you get lots of choices. Imagine heading out on the trail in the morning on a fall day and its cold. You can keep the windshield up. As the sun comes up and gets warmer you can start opening vents. As it gets into late afternoon and the sun is high just lay the windshield down.



RBO front folding windshields feature 1/4" Laminated DOT Approved Glass.

RBO front folding windshields will fit with most after market mirrors.



WARNING



Always secure the Front Folding Windshield in the upright and locked position during transport

Hinges

Rust Free Hinges that work. Seems simple doesn't it? Use hinges that don't rust and that will work time after time.

We spent weeks testing hinges and could not find any that performed the way we wanted them so our team designed our own hinges. We make these from Stainless steel and give them a 10 year warranty.



POLARIS RZR XP® TURBO S

FOLDING FRONT WINDSHIELD



PART#	DESCRIPTION
RB04084	Polaris RZR XP® Turbo S Folding Front Windshield (MOUNTING HARDWARE INCLUDED)

Fits all Models of

- 2019 Polaris RZR XP® Turbo S



Installation Instructions

It is the up to the installer that each window is securely mounted.



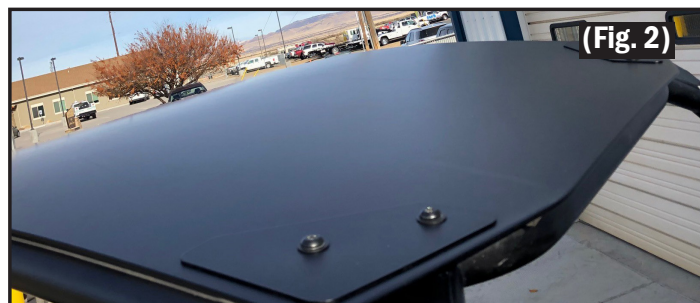
(Fig. 1)

The top plate of the RB04084 Polaris RZR Turbo S Front Folding Wind Shield can be installed using the vehicles factory hardware.

1. Remove the four mounting bolts that hold the factory installed roof

-Lift up the factory roof and place the top mounting plate under

-Re-install the factory hardware
(Fig 1-4)



(Fig. 2)



(Fig. 3)



RBO designed the RB04084 Polaris RZR Turbo S Front Folding Wind Shield top plate so that there would be no need to modify the factory roof.



(Fig. 4)

3. Remove Star head bolt (T40 Torx Bit) from the vehicles front hood on both sides.

**-From the backside of the fender, remove the bolt clip.
(Fig. 5)**



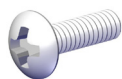
**4. Using the middle hole as a index point and the bracket for a template, drill out the other 2 mounting holes with a 1/4" drill bit.
(Fig. 6)**



**5. Install the Wind Shield Supports with 1/4" x 1" Stainless Steel Truss Head Screws and Stainless Steel Nylock Nuts. Three on each side.
(Fig. 7)**



6. Install mounting brackets on to the lower panel using 1/4" x 1" Stainless Steel Truss Head Screws, SS flat washers and Stainless Steel Nylock Nuts. Do not tighten fully, keep loose to make further installation easy. (Fig.8)



1/4" x 1" Stainless Steel Truss Head Screws



SS flat washers



Stainless Steel Nylock Nuts



(Fig. 8)

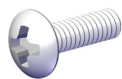
7. Remove the bottom stock 15mm bolts from the front mounting brackets of the units roll cage. Keep the factory nut for future use. Leave the top 15mm mounting bolt installed to keep roll cage from springing out of alignment.

(Fig.9)



(Fig. 9)

8. Loosely install front windshield into place. Using 1/4" x 1" Stainless Steel Truss Head Screws and Stainless Steel Nylock Nuts. (Fig. 10-11)



1/4" x 1" Stainless Steel Truss Head Screws



SS flat washers



Stainless Steel Nylock Nuts



(Fig. 10)



(Fig. 11)

8. Place the wind shield assembly on the wind shield brackets and slot the hinges in to place (Fig. 12)



(Fig. 12)

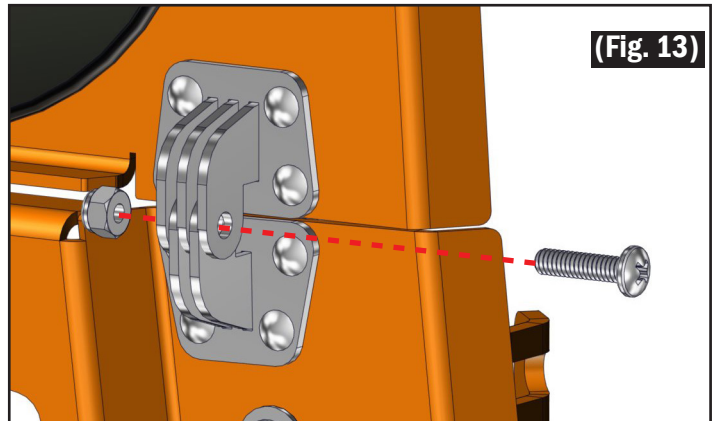
9. Install the hinges with S S bolts and SS Nylock nuts. Do Not over tighten hardware, if hardware is overtightened the wind shield will not hinge properly. (Fig. 13-14)



1/4" x 1" Stainless Steel Truss Head Screws



Stainless Steel Nylock Nuts



(Fig. 13)



(Fig. 14)

Twist Lock Latches

We wanted an easy open windshield that did not have pins or clips that you could lose out on the trail. That's why we spent the extra effort to design in twist lock latches.



Locking Windshield Rests

Few things are more annoying on the trail then rattles and things bouncing around. That's why we designed a stable and reliable system for holding the windshield down.

We found inspiration when we looked at the older CJ Jeeps. We used tried and true Rubber Hood Latches as our windshield Tie Downs.



Manually Operated Windshield Wiper

To Give our customers more choices we offer an optional windshield wiper. We chose the manually operated wiper so you don't have to run any electrical wires.



Individually Controlled Vents

We design vents in the windshield each with its own opener. Now you and your passenger can decide how much airflow you want in the cab.



2019-CURRENT POLARIS RZR XP® TURBO S FOLDING FRONT WINDSHIELD with wiper and vents



PART#	DESCRIPTION
RB04065	2019-Current RZR 1000 FRONT FOLDING WINDSHIELD W/VENTS AND WIPER (MOUNTING HARDWARE INCLUDED)

Fits All Models Of

- 2019 Polaris RZR® XP® 1000
- 2019 Polaris RZR® XP® Turbo
- 2019 Polaris RZR® XP® 4 1000
- 2019 Polaris RZR® XP® 4 1 Turbo
- 2019 Polaris RZR® 1000 Trails & Rocks
- 2019 Polaris RZR® XP® 1000 High Lifter
- 2019 Polaris RZR XP 4 High Lifter



Installation Instructions

The following are general instructions for installation of the RBO FRONT FOLDING WINDSHIELDS.

It is the up to the installer that each window is securely mounted.



ATTENTION



Factory visor required for proper installation of the windshield

1. Drill the stock visor with a $17/64$ " drill bit using the "Visor Mount" as a drill template starting at the small divot as an index point. (See Fig.1 and 2)

2. Install the "Visor Mount" on to the stock visor using the $1/4$ " - 20 Flange Nylock Nuts and $1/4$ " - 20 x $3/4$ " Hex Flange Bolts. (Fig. 3 and 4)



$1/4$ " x 1" Stainless Steel Truss Head Screws



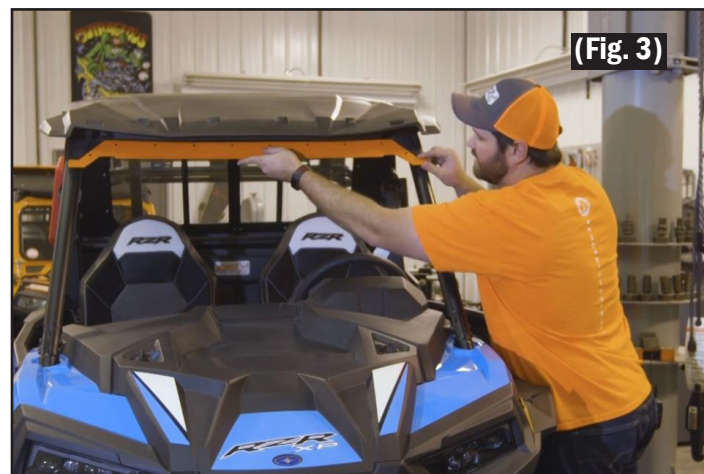
Stainless Steel Nylock Nuts



(Fig. 1)



(Fig. 2)



(Fig. 3)



(Fig. 4)

3. Remove Star head bolt (T40 Torx Bit) from the vehicles front hood on both sides.

**-From the backside of the fender, remove the bolt clip.
(Fig. 5)**



**4. Using the middle hole as a index point and the bracket for a template, drill out the other 2 mounting holes with a 1/4" drill bit.
(Fig. 6)**



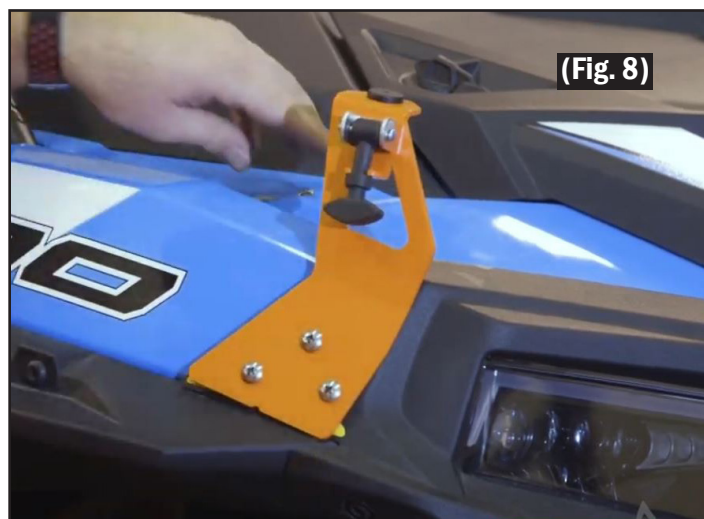
**5. Install the Wind shield Supports with 1/4" x 1" Stainless Steel Truss Head Screws and Stainless Steel Nylock Nuts. Three on each side.
(Fig. 7-8)**



1/4" x 1" Stainless Steel Truss Head Screws



Stainless Steel Nylock Nuts



6. Remove the bottom stock 15mm bolts from the front mounting brackets of the units roll cage. Keep the factory nut for future use. Leave the top 15mm mounting bolt installed to keep roll cage from springing out of alignment.



7. Install mounting brackets on to the lower panel using 1/4" x 1" Stainless Steel Truss Head Screws, SS flat washers and Stainless Steel Nylock Nuts. Do not tighten fully, keep loose to make further installation easy. (Fig.9)



1/4" x 1" Stainless Steel Truss Head Screws

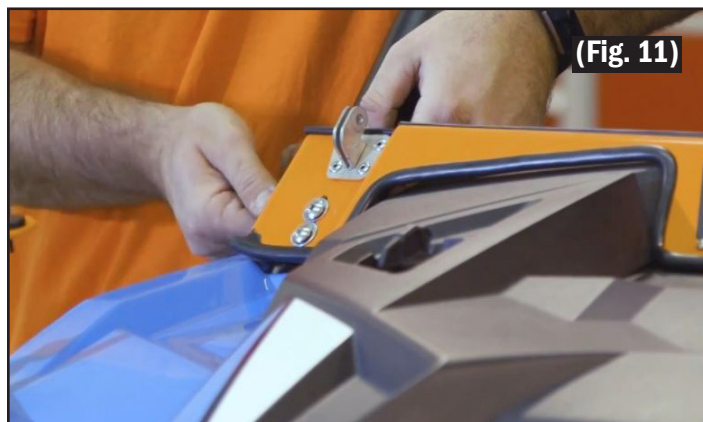


SS flat washers



Stainless Steel Nylock Nuts

6. Install the bottom mounting plate brackets on the vehicle with the provided and factory nut. Place the in the empty mounting hole on the vehicle. (Fig. 10-11)



7. Push down on windshield frame to ensure a tight seal with the bottom of windshield and the hood. Tighten up the mounting bracket hardware to finish installation of bottom mounting plate.



(Fig. 11)

8. Place the wind shield assembly on the wind shield brackets and slot the hinges in to place



(Fig. 11)

9. Install the hinges with S S bolts and SS Nylock nuts. Do Not over tighten hardware, if hardware is overtightened the wind shield will not hinge properly.



1/4" x 1" Stainless Steel Truss Head Screws



Stainless Steel Nylock Nuts



(Fig. 11)

POLARIS RZR® 900/1000 FOLDING FRONT WINDSHIELD WITH WIPER AND VENTS



PART#	DESCRIPTION
RB04000	RZR 900 FRONT FOLDING WINDSHIELD W/VENTS AND WIPER (MOUNTING HARDWARE INCLUDED)
RB04022	RZR 900 FRONT FOLDING WINDSHIELD W/VENTS (MOUNTING HARDWARE INCLUDED)

Fits All Models Of

- 2014 Polaris RZR 900
- 2014 Polaris RZR 900 XP
- 2014 - 2018 Polaris RZR XP 1000
- 2015 - 2019 Polaris RZR 900
- 2015 - 2018 Polaris RZR 900 EPS XC
- 2015 - 2018 Polaris RZR 900 Trail
- 2015 - 2019 Polaris RZR S 900
- 2015 - 2018 Polaris RZR 1000
- 2015 - 2019 Polaris RZR S 1000
- 2015 - 2018 Polaris RZR XP Turbo Dynamix Edition
- 2015 - 2018 Polaris RZR XP 1000 Trails and Rocks Edition
- 2015 - 2018 Polaris RZR 1000 Turbo
- 2015 - 2018 Polaris RZR 1000 Highlifter Edition
- 2015 - 2018 Polaris RZR 4 900
- 2015 - 2018 Polaris RZR Turbo Fox Edition
- 2015 - 2018 Polaris RZR 4 1000
- 2015 - 2018 Polaris RZR XP 4 Turbo Dynamix Edition
- 2015 - 2018 Polaris RZR 4 1000 Highlifter Edition

Installation Instructions

The following are general instructions for installation of the RBO FRONT FOLDING WINDSHIELDS.

It is the up to the installer that each window is securely mounted.



ATTENTION



Factory visor required for proper installation of the windshield



(Fig. 1)

1. Drill the stock visor with a 17/64" drill bit using the "Visor Mount" as a drill template starting at the small divot as an index point. (See Fig.1)

2. Install the "Visor Mount" on to the stock visor using the 1/4" - 20 Flange Nylock Nuts and 1/4" - 20 x 3/4" Hex Flange Bolts. Reinstall the stock visor on to your unit. (Fig. 2)



(Fig. 2)

Additional Gasket Alternate Option:

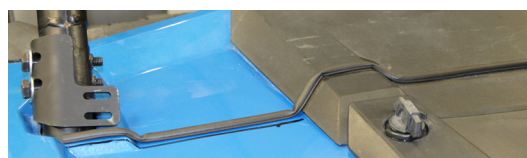
An additional gasket can be adhered onto the hood in order to provide an enhanced seal. If desired, this gasket must be attached before completing step 5.

1A. Loosely install the windshield following Step 4's installation instructions.

2A. Once loosely in place use a dry erase marker and draw along the bottom of the vent panel onto the hood of the RZR. Once the line is drawn, remove the window. (Fig. 3a)

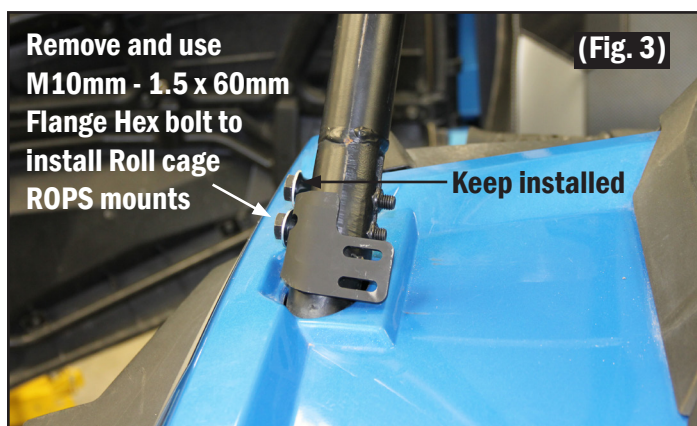


3A. Partially remove backing at one end of the gasket and carefully adhere the gasket into place using the drawn line to guide placement. (Trim off any excess once the gasket is set). (Fig. 3b)



4A. Follow steps 4-5 to finish.

3. Remove the bottom stock 15mm bolts from the front mounting brackets of the units roll cage. Leave the top 15mm mounting bolt installed to keep roll cage from springing out of alignment. Install Roll Cage ROPS Mounts with Using M10mm - 1.5 x 60mm Flange Hex bolts and stock nut. (Fig.3)



4. Loosely install front windshield into place. Using 1/4" x 1" Stainless Steel Truss Head Screws and Stainless Steel Nylock Nuts.

- Center the windshield and secure the two top locks in place. (Fig. 4)

 1/4" x 1" Stainless Steel Truss Head Screws

 Stainless Steel Nylock Nuts



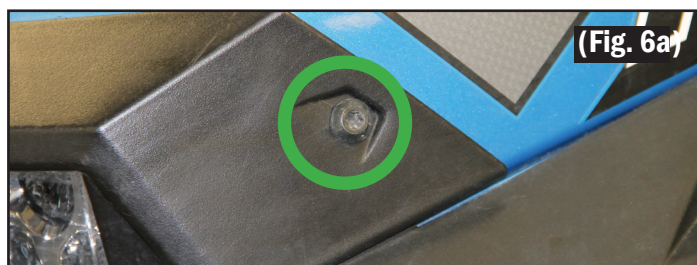
5. Push down on windshield frame to ensure a tight seal with the bottom of windshield and the hood.

- Tighten all mounting bolts and hardware. (Fig 5)

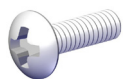


6. Remove Star head bolt (T40 Torx Bit) from the vehicles front hood on both sides. (Fig. 6a - 6b)

-From the backside of the fender, remove the bolt clip.



6c. Install windshield rest into the front hood mounting hole using a 1/4" x 1" SS Truss-head Screw, and 1/4" SS Flange Nylocks and 1/4" Washers on the inside of the hood. (Fig. 6c)



1/4" x 1" Stainless Steel Truss Head Screws



SS flat washers



Stainless Steel Nylock Nuts



7. Using the Windshield rest as a drill template, carefully drill the other mounting hole locations using a 17/64 bit after first aligning the angle of the rest with the hood's decals as show by the green lines in the photo. (Fig. 7)



8. Finish installing windshield rest with included hardware. (Fig. 8)



9. Test windshield for proper fit on the rest. (Fig. 9)



POLARIS RZR® 570/800

FOLDING FRONT WINDSHIELD



PART#	DESCRIPTION
RB04050	RZR 570/800 FRONT FOLDING WINDSHIELD W/VENTS AND WIPER (MOUNTING HARDWARE INCLUDED)

Fits all Models of

- 2012-2019 RZR® 570
- 2012-2019 RZR® 570 EPS
- 2012-2014 RZR® 800



Installation Instructions

It is the up to the installer that each window is securely mounted.

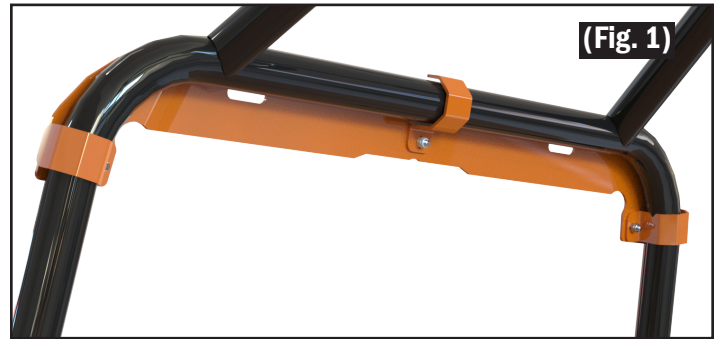
RB04050 Top Plate Installation

1.The RB04050 570/800 Front Folding Windshield Top plate mounts to the vehicles ROPS bar buy using three mounting brackets. These mounting brackets are easy to install and do not require any drilling of the vehicle.

Install with

- (3) 1/4"-20 x 3/4" Carriage Bolt
- (3) 1/4"-20 Flange Nylock

(Fig.1- 3)



(Fig. 1)



(Fig. 2)



(Fig. 3)

2.Using the middle hole as a index point and the bracket for a template, drill out the other 2 mounting holes with a 1/4" drill bit.

(Fig. 4)



(Fig. 4)

3. Install the Wind Shield Supports with 1/4" x 1" Stainless Steel Truss Head Screws and Stainless Steel Nylock Nuts. Three on each side.
(Fig. 5)



1/4" x 1" Stainless Steel Truss Head Screws



Stainless Steel Nylock Nuts



(Fig. 5)

4. Remove the bottom stock 15mm bolts from the front mounting brackets of the units roll cage. Keep the factory nut for future use. Leave the top 15mm mounting bolt installed to keep roll cage from springing out of alignment.

5. Install mounting brackets on to the lower panel using 1/4" x 1" Stainless Steel Truss Head Screws, SS flat washers and Stainless Steel Nylock Nuts. Do not tighten fully, keep loose to make further installation easy.
(Fig.6)



(Fig. 6)

6. Install the bottom mounting plate brackets on the vehicle with the provided and factory nut. Place the in the empty mounting hole on the vehicle.
(Fig.7)



(Fig. 7)

7. Push down on windshield frame to ensure a tight seal with the bottom of windshield and the hood. Tighten up the mounting bracket hardware to finish installation of bottom mounting plate.
(Fig.8)



(Fig. 8)

8. Place the wind shield assembly on the wind shield brackets and slot the hinges in to place



9. Install the hinges with S S bolts and SS Nylock nuts. Do Not over tighten hardware, if hardware is overtightened the wind shield will not hinge properly.





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