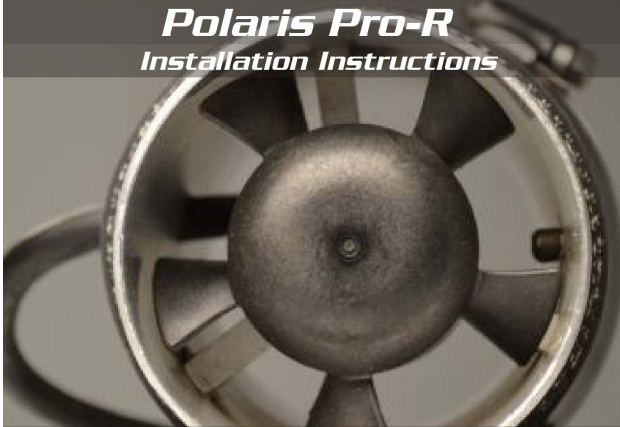


The **MTNTK** BlowHole

Polaris Pro-R Installation Instructions



Disclaimer: Never attempt to adjust or run engine with fan on. Do not stick your fingers into the fan housing as it will cut or dismember. Mountain Tek Performance is not responsible for damages incurred by using this product or improper installation.

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2.1. Remove left hand kick plate by grinding, drilling or shearing off stock rivets. Try not to damage the holes by elongating them during the removal process. Using a pin punch to push the mandrel out of the center of the rivet greatly helps in the drilling process as the mandrel is harder than the rivet.

2013 installation changes -

A. Carefully mark and drill through the belly pan directly over the head of the 2 rivets that are covered by the belly pan that hold the kick plate to the running board with a 3/16 drill bit.

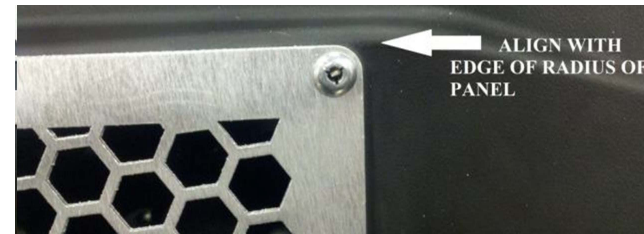


3. Install new kick plate with new 3/16" steel rivets. It may be necessary to clamp the plate tight to the frame to insure rivets clamp properly. If a hole is not sufficient to securely retain the rivet then drill a hole next to the location in question and install rivet. Try to install all the rivets into the holes before pulling any of the rivets.

1. Remove hood, fuel tank shroud and air box. COVER THE INTAKE WITH A SHOP RAG! You must remove the plate the oil tank is secured to, leaving the oil tank secured to the plate. This will allow you the room to remove the air box. The fuel lines must be disconnected from the fuel pump assembly and model years 2011-12 require a disconnect tool. The disconnect tool can be purchased at any auto parts store. It is a Ford fuel line disconnect tool. The air box is very tight fitting in the chassis and requires loosening the throttle body clamps and removal of the strap clamp that secures the coolant hose on the right side, along with the fuel lines. Removal of the fuel tank is slightly helpful but not really required.



2.2. B. Cut the bottom 1" off of the original kick plate that was removed in step 2. See photo. C. Loosely install new kick plate and the 1" piece you cut off into position. Holding the 1" piece up against the running board, use a sharpie marker or equivalent to mark the position of the 2 rivet holes through new kick plate to the 1" piece. Remove and drill marked holes. Rivet onto the end of the new kick plate. See photo.



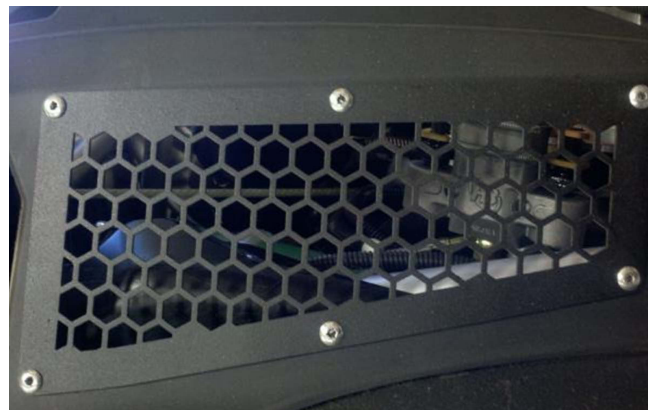
4. Hold up the left hand fan cover plate as shown in picture and mark the location of cut outs. Don't forget the top vent above the fan hole to cut out. Don't cut behind the MTNTK Logo. Mark the very center of the large 3" fan hole.



5. Drill hole with 3" hole saw or equivalent. It will go through the ribs on the back side of panel. Also cut out the upper vent as previously marked.



6. Remove ribs from the underside of tank shroud as shown in picture.



7. Align cover plate and drill holes and install cover plate with aluminum expanding rivets.

8. Install Blow Hole to underside of tank shroud with power wires pointed out the top and with cover plate on outside sandwiching all together. Rivets together with 1/8" aluminum rivets.

9. Align right hand vent cover plate as shown in picture, mark and cut out.

10. Drill holes and install right hand cover plate with expanding rivets.

11. Re-install air box and oil tank/ clutch cover using new 6mm bolts with stock nuts removed in step 1. Make sure that you have not introduced an air bubble into the oil line. Wait to tighten these nuts down until you have the console installed and tighten last.

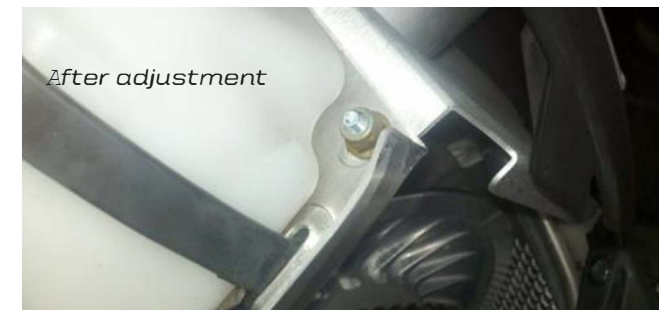
12. Install tank cover shroud, inserting the fan tube assembly through the kick plate. Don't forget to reconnect the 3 switches for your console. (Pro Models Only).

13. Route wire to the DC POWER plug located on the left hand shock tower.

DO NOT PLUG INTO ECU POWER !!



After adjustment



14. The oil tank mount plate/ clutch shroud requires a slight adjustment. Bend it over as shown in the photo. A hammer sounds a little severe but it just requires a slight adjustment to make everything fit properly.



15. Cut the left hand panel upper vent as shown in picture to allow clearance for the oil tank cap. There is a natural line that can be seen from the front side. Cutting on this line will give the proper clearance.

Kit Includes :

- 1- Blow Hole motor assembly*
- 1- Kick plate*
- 1- Fan vent cover plate*
- 1- RH Auxiliary vent cover plate*
- 2- 6mm bolts*
- 10- 3/16" Steel rivets*
- 4- 1/8" Aluminum rivets*
- 2- 3/16" Large head rivets*
- 11- 3/16" Aluminum expansion rivets*

Tools Required :

- 1- Polaris Ford fuel line disconnect tool*
- 2- Long 12" + #2 Philips screw driver*
- 3- Rivet tool with mandrels for 1/8" & 3/16" rivets*
- 4- 3/16", & 1/8" Drill bits and drill*
- 5- Metric wrenches, sockets*
- 6- #40 Torx bit*
- 7- 3" Hole saw or equivalent cutting tool*
- 8- Air reciprocating saw to cut plastic for vents or equivalent*
- 9- Utility knife or equivalent*
- 10- Marker or something to transfer lines to plastic panel*