



## Installation Instructions

For Part Numbers:

883-316 Left Side-Engine Snorkel  
883-317 Right Side-CVT Snorkel

2011-14 Polaris Ranger RZR 900 XP  
2012-14 Polaris Ranger RZR XP 4  
900 E.F.I.



Thank you for purchasing the Airaid Intake System. Contact Airaid @ (800) 498-6951 8:00 AM - 5:00 PM MST weekdays for questions regarding fit or instructions that are not clear to you. Your Airaid Intake System was carefully inspected and packaged. Check that no parts are missing, or were damaged during shipping. If any parts are missing, contact Airaid. The air filter element is protected from direct exposure to water and debris; care should be taken not to drive through deep water. WATER INGESTION IS THE DRIVERS RESPONSIBILITY

### Tools Required For Installation:

7/16" and 1/2" Wrenches. 10mm, 7/16", and 1/2" Sockets.  
T-27 Torx driver and 5/32" Allen Wrench. Ratchet & Extension. 1/8" & 5/16" Drill bits.  
Center punch and Mallet  
Phillips and Standard Tip Screwdrivers.  
Locktite ® 242 or equivalent, and a Prep-Solvent.

### Advisory Note:

Please read these installation instructions in their entirety before beginning the install process. Airaid strongly recommends the use of Locktite® 242 Medium strength threadlocker on all threaded fasteners.

These instructions illustrate the installation of Part Number 883-316 for the left side of the vehicle. If installing part number 883-317, some minor details may vary but the general install procedure is the same. The Template is reversible and is to be used on either fender.



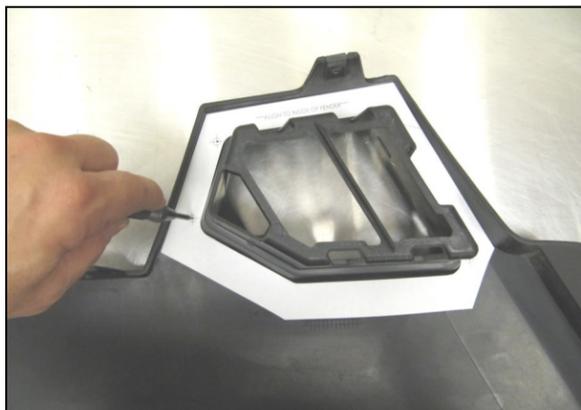
1. Place the range selector in Park and remove the seat from the vehicle. Disconnect the negative terminal on the battery.



2. Remove the nine T-27 Torx head screws holding the fender in place. Remove the fender and place it on a work bench.



3. Remove the OEM filter cover and pre-filter from the fender and set aside. They will not be reused.



4. Cut out the paper Template. Align it with the edges of inner fender, and punch the four pilot holes. The Template is reversible and can be used on either side.



5. Using a drill and a 1/8" bit, drill out the four pilot holes in the inner fender.



6. Using a 9/32" bit, drill out the pilot holes.



7. Prepare the mating surface of the Fender Adapter (#1) for the Foam Gasket Tape (#9) by cleaning with a prep solvent. Apply the gasket tape along the outside edge of the Fender Adapter as shown, avoiding the bolt holes.



8. Attach the Fender Adapter to the outside of the factory Fender using four 1/4-20 button head screws (#13).



9. Reinstall the fender onto the vehicle, reusing the nine fasteners from step 2.



10. Insert the Foam Pre-Filter (#5) into the Snorkel Inlet (#3).



11. Install the Snorkel Screen (#4) onto the Inlet using four 8-32 Button Head Screws (#12) and a 5/32" Allen wrench.



12. Install the Hump Hose (#7) and Aluminum Intake Tube (#2) onto the Fender adapter. Loosely install two #48 Clamps (#10) onto the Hump Hose.



13. Install the Silicone Elbow (#6) and two #48 clamps onto the Inlet as shown. Leave the Hose Clamps loose for now.



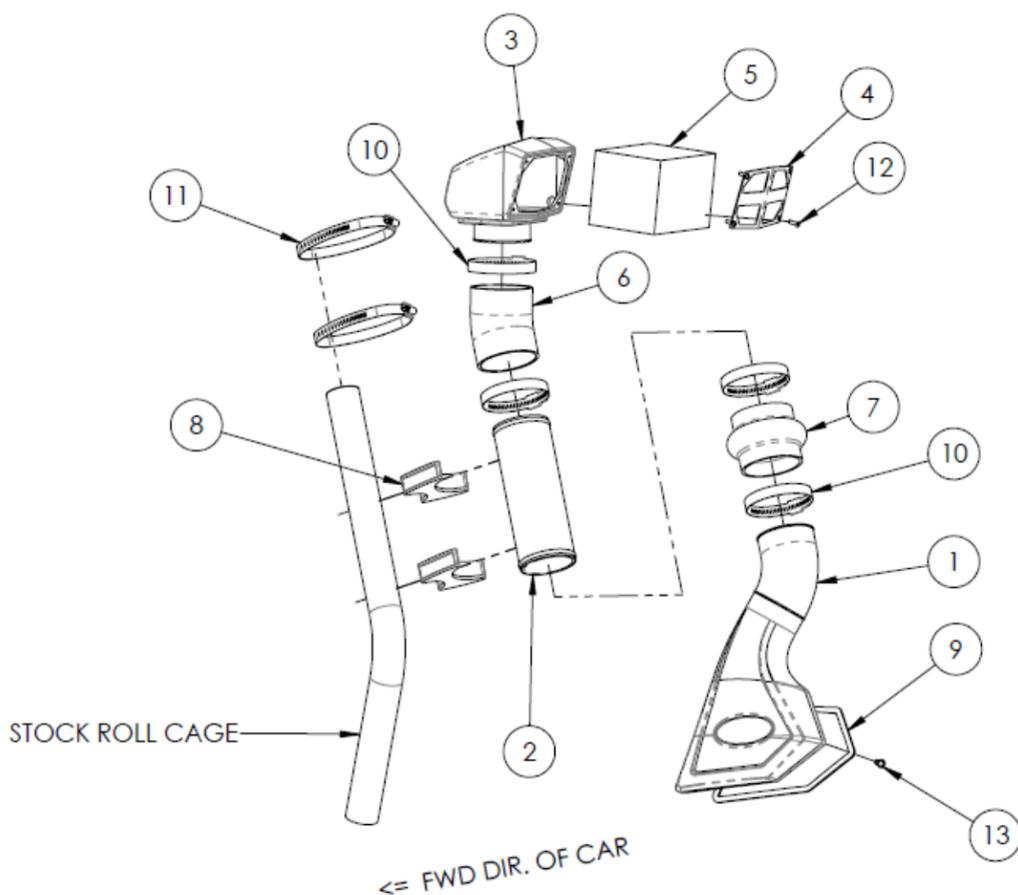
14. Install the Snorkel Inlet and elbow onto the Intake tube. Align the assembly into the desired position and tighten all of the Clamps.



15. Secure the snorkel assembly to the roll cage using the Tube Mounts (#8) and #68 Clamps (#11).



16. **Double check your work!** Make sure there is no foreign material in the intake path. Make sure all clamps, hoses, bolts, and screws are tight. Make sure all clamps, hoses, bolts, and screws are tight. Periodically check the tightness of all hose clamps. **Reconnect the negative battery cable and reinstall the seat.**



Driver side left kit 883-316 shown

### Component Identification

1.	Fender Adapter	1
2.	3.00" x 8.00" Aluminum Tube	1
3.	Snorkel Inlet	1
4.	Snorkel Screen	1
5.	Foam Pre-filter	1
6.	3.00" 25° Silicone Elbow	1
7.	Silicone Hump Hose	1
8.	Urethane Tube Mount	2
9.	Foam Gasket Tape, 24"	1
10.	#48 Hose Clamp	4
11.	#68 Hose Clamp	2
12.	8-32 x 1/2" Button Head Screw	4
13.	1/4"-20 x 1/2" Button Head Screw	4

MARK WITH CENTERPUNCH, DRILL 1/8" PILOT HOLE  
THEN DRILL USING 9/32" BIT, ADJUST AS NECESSARY

