



RZR XPT WATER COOLED TURBO INSTRUCTIONS

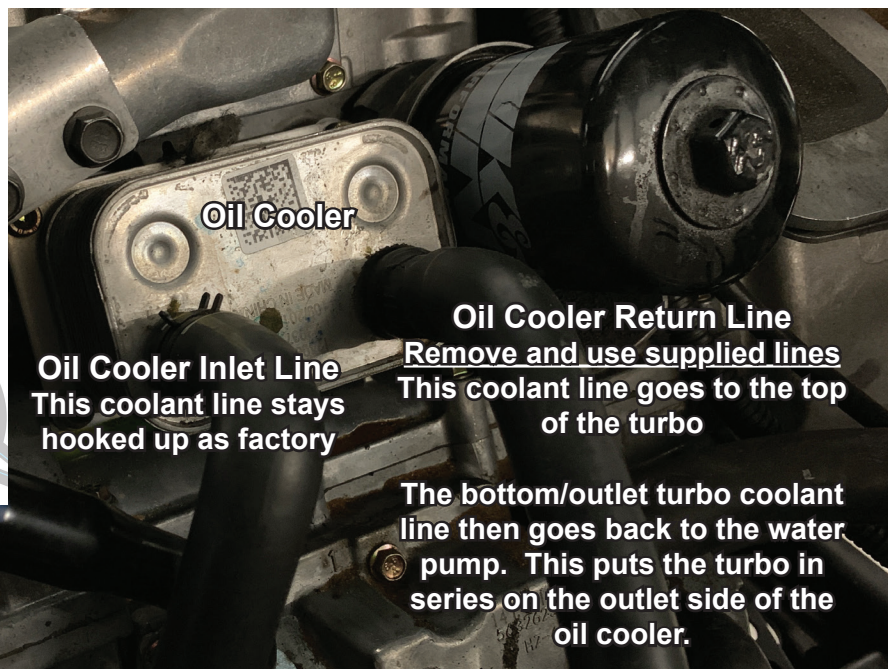
Thank you for purchasing your high flow water cooled turbo from AA! This turbo is designed to work with our tuning built specifically for this turbo. This is meant to deliver more power with much lower exhaust and intake temps. For full turbo removal and installation instructions, please see your service manual. A short version and instructions on hooking up the water lines is below. The turbo charger comes ready to install, no waste gate or other adjustments needed. Installation is fairly easy and normally takes 3-4 hours for a complete install.

- We highly recommend using penetrating oil on the exhaust outlet bolts and even the head/turbo bolts 24-48 hours before
- Remove the seats (rear seats if 4 seat) and remove the panel behind them to gain access to the turbocharger. No need to remove the bed.
- Remove the exhaust outlet pipe from the muffler
- Remove the bolts holding the turbo to the turbo support bracket, then loosen the bottom turbo support bracket bolts and rotate down
- Remove heat shields from the stock turbo via the bolts that hold them to the turbo
- Remove the oil feed line and return line from the top/bottom of the turbo. We will re-use the copper crush washers
- Carefully apply heat with a propane torch to the exhaust outlet "header" bolts and then remove them (they can be tough)
- Another option is to pull the turbo with the header in place and work on removing the bolts on the bench
- We will re-use the metal gasket from the "header" to the turbo
- Loosen the top clamp holding the charge tube to the turbo, and remove the intake tube from the turbo
- Remove the bolts holding the turbo to the engine. We like to use a 6" long ball headed allen socket for easier removal.
- Remove the factory turbo from the RZR
- Remove the oil drain tube from the stock turbo and install on the AA water cooled turbo
- Install your new turbo in the RZR and bolt it to the head first using the new supplied gasket
- While installing the turbo, install the charge tube at the same time, then hook up the intake tube after
- Install the coolant lines as shown below, make sure to add back any coolant that may be lost
- Install the oil drain tube line, then install the factory turbo bracket, then the oil feed line up top. Feed line will only use 1 clamp because of the water lines. You can leave the other one, or use a zip tie to secure the other mount.
- Install the exhaust outlet "header" pipe and attach to the muffler
- Install all factory heat shields, some slight modifications may be necessary.
- **Disconnect the ignition coil and crank the vehicle for 15-20 second to feed oil to turbo. Do this 2-3 times before firing.**
- Plug the ignition coil back in and fire the vehicle up. Smoke off the new turbo and smell will be normal. Check for leaks.
- If no leaks are present, install all other removed parts such as the rear panel and seats.
- Turbo break in procedure is to heat cycle (let the turbo heat up/cool down completely) 2 times
- Go ride and enjoy a more powerful, cooler running RZR!

Coolant Exit Line



Coolant Inlet Line



Oil Cooler

Oil Cooler Inlet Line
This coolant line stays hooked up as factory

Oil Cooler Return Line
Remove and use supplied lines
This coolant line goes to the top of the turbo

The bottom/outlet turbo coolant line then goes back to the water pump. This puts the turbo in series on the outlet side of the oil cooler.