

Fizzle Gen. X Intercooler Installation Instructions

(255 and 260 HP Sea-Doo Watercraft)

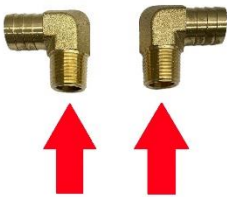
Please note: It may be easier to undo and set aside any seat support components (as needed), to make a larger workspace during this intercooler installation.

Removing Stock Intercooler

1. Unhook the two rubber straps that hold the stock intercooler in place.
2. Disconnect the 2 main water lines (3/4" hoses) from the stock intercooler barbs. The stock hose clamps and water lines will be used later.
3. Disconnect the pisser line (1/4" hose) from the small stock intercooler barb if your model comes equipped with the pisser line. The small stock hose clamp and pisser line will be used later.
4. Loosen the large hose clamp on both stock rubber intercooler charge hoses (2.5" hoses) that hold each hose to the intercooler (1 clamp per hose). The stock hose clamps will be used later.
5. Remove stock intercooler. It will no longer be needed.

Preparing Fizzle Gen. X Intercooler for Installation

6. Locate the two 90 degree threaded brass fittings included with the Fizzle Gen. X Intercooler. Apply Teflon tape ("plumber's tape") or liquid thread sealant to the threaded end of each fitting and install each fitting, tightening them with moderate force until they can almost no longer turn and angle them to your desired positioning during the final torquing. The fittings are tapered so they will not "bottom out" in the threaded intercooler ports.
7. Locate the zinc anode with brass hex head. Apply thread sealant to the threads and install the fitting into the 1/4" NPT threaded port at the rear of the intercooler.



Water Inlet/Outlet Fittings



Zinc Anode

Teflon Thread Sealant Tape



1/4" Plug for stock pisser hose



Hose extension coupling with clamps



Installing the Fizzle Gen. X Intercooler

8. If your model Sea-Doo includes the small pisser line (1/4" hose) mentioned in Step 3, take this time to locate the supplied hose end plug, insert the plug into the open end of the pisser line that come off of the intercooler, and secure the plug in place with the stock hose clamp.
9. Place the Fizzle Gen. X Intercooler onto the stock mounting pad and secure in place using the two sets of factory rubber straps.
10. The 90 degree brass fitting located under the "F" in the "FIZZLE" stamp on the front of the intercooler end tank will be for the **water inlet line** from the jet pump water supply and the 90 degree brass fitting located under the "E" in the "FIZZLE" stamp on the front of the intercooler end tank will be for the **water exit line** that eventually routes overboard through the hull exit dump fitting.
11. Locate the supplied piece of rubber hose (3/4" hose) and the supplied 3/4" brass hose mender with clamps. Install the hose mender into one end of the supplied rubber hose and secure with one of the supplied hose clamps. The other supplied hose clamp will secure the remaining end of this hose mender to the open end of the stock inlet hose that was left in the Sea-Doo from step 2 earlier in the instructions.
12. Once the supplied hose is attached to extend the stock inlet line, use a stock hose clamp from step 2 to secure the remaining end of the supplied hose to the 90 degree brass fitting on the intercooler. Shorten the supplied rubber hose if needed.



13. Attach the outlet water line to the remaining 90 degree brass fitting on the intercooler. Secure with the remaining stock hose clamp from earlier in step 2 of the instructions.
14. Connect the stock rubber charge hoses (2.5" hoses) to the air inlet and outlet, respectively, on the Fizzle Intercooler. Secure each hose using a stock clamp from earlier in step 4 of the instructions.
15. Reinstall any pieces or components, such as the coolant bottle or seat support base, that were removed or set aside for this installation.

Please note: It is highly advised to briefly run the watercraft on the flush hose or on the trailer in water, to check that all fittings and connections are free of any water leaks.

Pro Tips for Maintenance & Protecting Your Intercooler

- 1) Run an inline strainer with ample flow rate capacity, such as the Fizzle Supersized Water Strainer.
- 2) Always reverse flush the intercooler after using. This will help loosen and remove debris if it entered the core.
- 3) Use anti-corrosion solution like salt-away after salt water riding.
- 4) Winterize with anti-freeze in cold weather climates and even in warm weather climates if the ski will sit for long periods (more than 1 month) without being used. Blow the water out of the cooling passages in the core first using compressed air, then pump anti-freeze through the core using a pump with a drill attachment or other similar device.

The main goals are to keep the cooling passages free of debris, keep them from freezing over winter, and to protect them from stale water (fresh, brackish, or salt water). On high RPM racing skis (10,000+) we recommend running the cooling routing in a way that keeps the intercooler supply water pressure below 50 psi so that it doesn't cause unnecessary stress to the metal. The extra pressure is not helping heat transfer at a certain point. These maintenance and preventative steps will help avoid damage to the core.