



RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

Sea-Doo XXX-CHARGER PART# - RS17050-SC-140-060

We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original clamps, hoses and hardware removed in the disassembly process will be used in the installation process. These instructions have been written in point form and refer to illustrations. Please follow these step-by-step instructions and illustrations carefully.

APPLICATION(S): 215hp model Sea-Doo's
255hp model Sea-Doo's (non-iControl)

***** ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION *****

Required Tools

Torx screw adapter
Service Manual

Part#

529 035 938
219 100 313

IMPORTANT NOTICE:

- Compressor surge can cause impeller to hit housing if a blow-off valve is not used to release excess boost pressure that engine cannot process.

TUNING REQUIREMENTS:

Fuel: Installation of this RIVA Performance Product requires the use of RIVA Pro-Series ECU (part# RS11850-01-YEAR). Failure to install this part will result in engine damage.

Installation of this RIVA Performance Product requires the use of RIVA Pro-Series 50lb Fuel Injector Kit (part# RS12050-I-KIT-50). Failure to install this part will result in engine damage.

Installation of this RIVA Performance Product requires the use of RIVA Rising Rate Fuel Pressuer Regulator Kit (part# RS12050-RRFPR-YEAR) configured with rising rate and static pressure of 60psi. Failure to install this part will result in engine damage.

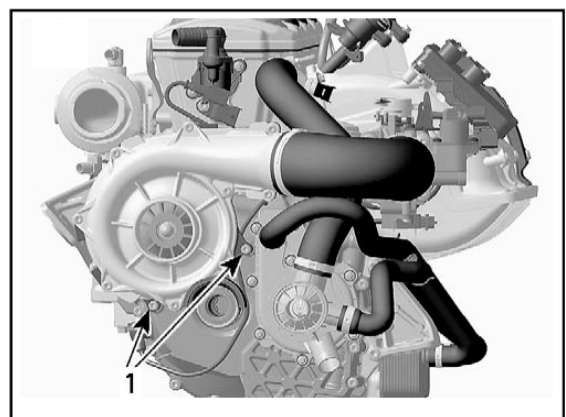
- SECTION 1 INSTALLATION INSTRUCTIONS -

Remove seats. RXP-X/RXP models remove engine cowling (5 bolts). RXT-X/RXT models remove seat bridge (4 bolts).

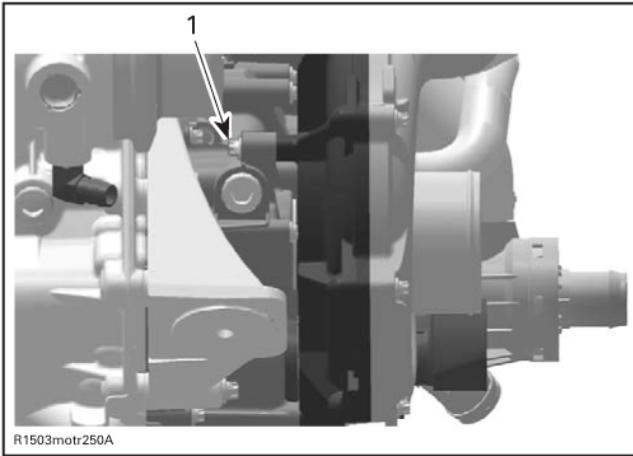
If using a RIVA Pro-Series Aluminum Water Box proceed to next step; otherwise disconnect exhaust hose or exhaust tube from water box outlet. Loosen clamps securing coupler to water box and exhaust manifold. Carefully slide water box rearward.

Remove inlet and outlet hoses attached to supercharger unit.

Remove the two M6 x 35mm Torx bolts¹ that secure supercharger unit to engine.

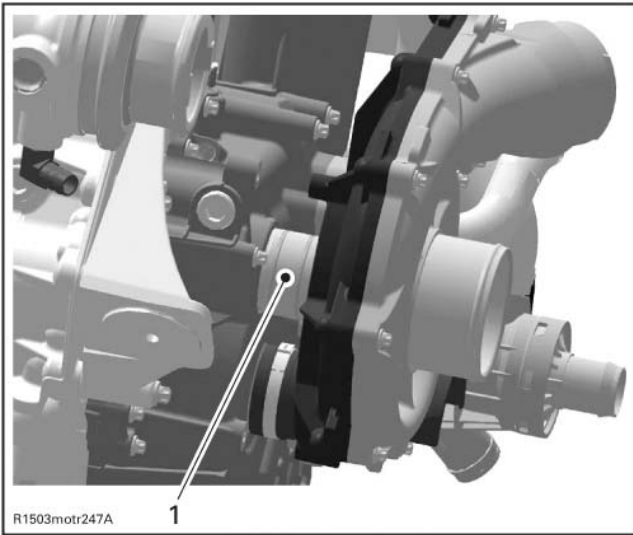


Remove the one M6 x 35mm Torx bolt¹ that secures rear of supercharger unit to engine. **NOTE:** You will need a special Torx adapter to remove and replace the upper/rear Torx bolt. This can be purchased through our parts department, a Sea•Doo Dealer, or a reputable tool company.



Remove supercharger unit from engine.

Thoroughly coat unpainted area on rear of supplied supercharger unit with grease¹.



Install supercharger unit onto engine. **NOTE: You may need to rotate supercharger impeller to allow supercharger gear to mesh with flywheel gear.**

Secure supercharger unit to engine using the three M6 x 35mm Torx bolts removed in step 6. **NOTE: Apply blue Loc-tite to bolts. Torque bolts to 97lbf•in / 11 N•m.**

Replace water box connections. **NOTE: Do not over tighten clamps.**

Replace supercharger inlet and outlet hoses and secure. **NOTE: Do not over tighten clamps.**

Replace seat bridge (RXT-X/RXT) or engine compartment cowling (RXP-X/RXP). **NOTE: Apply blue Loc-tite to bolts. Do not over tighten bolts.**

Check bilge for tools, rags, etc. Run craft on a flush kit to check for proper operation.

***Remember, the water belongs to everyone.
Please ride responsibly and
respect the environment!***

Technical Support

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact: RIVA Technical Support directly at (954) 247-0705 or by e-mail at tech_support@rivamotorsports.com.

NOTE: Due to the nature and intended use of this product we do not offer warranty coverage.