



RIVA RACING

PERFORMANCE PRODUCTS & ACCESSORIES

STX-15F Endurance Engine Kit **PART# RK1000-15F**

APPLICATION: '04~06 Kawasaki STX-15F

Please read the following completely prior to beginning installation.

Advanced mechanical skills are required for the proper completion of this installation. It is recommended that your local RIVA Performance Products Dealer install this kit.

A hoisting apparatus will be required to remove the engine assembly. **Do not attempt this without assistance!** A Kawasaki service manual (part# 99924-1325) is required for various disassembly and assembly procedures. Replacement engine gaskets are provided with this kit as well.

FUEL REQUIREMENT:

Due to the nature of this kit you are required to run VP Race Fuel MS109 (Jet X). Please note that engine damage will occur if this fuel recommendation is not followed.

– INSTALLATION INSTRUCTIONS –

1. Turn ignition off, remove lanyard and disconnect battery cables.
2. Remove engine following steps outlined in section 7 of Kawasaki service manual. **NOTE: Replace oil filter if engine was run previously. Please recycle used oil and oil filter.**
NOTE: Clear an area on a sturdy workbench or heavy-duty cart to place engine after removal. Be sure to carefully place engine on a smooth surface so as not to damage oil pan. It is recommended that you have assistance for the engine removal process.
3. Replace stock pistons, rings, piston pins, clips, cylinder head gasket and cylinder base gasket with supplied high compression pistons, rings, piston pins, clips, cylinder head gasket and cylinder base gasket following the steps outlined in section 6 of the Kawasaki service manual.
NOTE: This is an involved process requiring advanced mechanical skills and 4-stroke engine experience. DO NOT ATTEMPT if you are not mechanically inclined or familiar with 4-stroke engines.
4. Recommended Skat-Trak Magnum Pump, steering cable, manual trim cable and modified OEM intake shoe should be installed at this time. Follow manufacturer's installation recommendations. **TIP:** Prior to installing recommended intake grate we strongly recommend modifying the four bolthole locations to accept 8mm bolts.
5. Replace engine following steps outlined in section 7 of Kawasaki service manual.
6. Install new oil filter. Connect battery cables (positive cable first) and add engine with oil following the steps outlined in section 2-12 of Kawasaki service manual.

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

RIVA Racing is not liable for damage to associated parts or labor costs incurred due to the installation of this kit.

PERIODIC MAINTENANCE RECOMMENDATIONS

- Change engine oil and filter every 25 hours of operation. **NOTE: Recycle used oil and filter.**
- Clean and gap spark plugs every 12 hours of operation. Change if necessary.
- Go over all hardware to ensure proper torque. Inspect entire steering system from handlebars to steering nozzle for loose or worn components. Lubricate all moving parts before and after every ride.
- Charge battery periodically to ensure maximum performance!
- Do not use fuel in fuel tank if more than 10 days old. Always use fresh MS109 (Jet X). Do not add fuel stabilizer or booster.

Remember, the water belongs to everyone. Please ride responsibly!



DESCRIPTION

RIVA STX-15F Offshore Engine Kit (pictured above)
 RIVA STX-15F Performance Power Filter Kit
 RIVA STX-15F Free Flow Exhaust Kit
 R&D STX Aquavein
 RIVA Modified OEM Intake Shoe (155mm)
 Skat-Trak Magnum Pump w/Swirl Impeller (155mm)
 Skat-Trak Reduction/Steering Nozzle Assembly
 R&D STX Ride Plate
 RIVA STX-15F Pro-Series Sponson Kit
 Skat-Trak Heavy-duty Steering Cable

QTY

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PART #

RK1000-15F
 RK13085
 RK16085
 111-15001
 RK23085-155
 PSK150NEWE558
 PRNKAW551
 121-12000
 RK26085
 PRSTKAWSTXR

Optional Performance Upgrades:

STX UMI Steering System
 RIVA Aluminum Handlebars (Black)
 UMI Throttle Trigger (Clear / Straight Pull)
 UMI Throttle Trigger Adapter
 RIVA Racing Grips (Black)
 RIVA / Jettrim STX Custom Seat Cover
 RIVA STX Rail Molding Kit

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KA-04605-STXR
 RY204B
 KA-01520/CLR
 KA-01550
 RY206B
 RK5-STX-COLOR
 RK5-RMK-085