



GSXR750W SS2-R RACE CARBON FIBER EXHAUST SYSTEM

Part #12639

CONGRATULATIONS! You have purchased one of the most technically advanced performance exhaust systems available. Designed with today's enthusiast in mind, Vance & Hines has developed the SS2-R exhaust system as a complete package. Evolving over the past several seasons from our race-bred SuperSport line, the goals established were simple. Make the new SS2-R one of the quietest performance exhaust systems available WITHOUT SACRIFICING HORSEPOWER!

WARNING: Your handmade Carbon Fiber canister can easily be damaged from improper mounting, misuse or improper maintenance. Due to the delicate nature of this material there is no warranty of any kind offered for Carbon Fiber canisters. It is important to repack the fiberglass packing on a regular basis being careful to wrap the entire baffle core. Failure to do so will result in burning of the Carbon Fiber canister.

REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the rear portion of the lower fairing and set it aside.
2. Remove the seven bolts from the right side fairing. Pull the fairing out enough to unplug the turn indicator and set the fairing aside.
3. Remove the left side fairing with the front air dam attached. Pull the fairing out enough to unplug the turn indicator and set the fairing aside.
4. Remove the eight header bolts.
5. Remove the muffler retaining bolt, nut and washer from the right passenger foot rest. Save for re-installation.
6. Remove the center exhaust support bolt which is located below the rear brake pedal. It is accessible from the right side of the motorcycle.
7. Carefully lower the stock exhaust system down and out the right side of the bike and set it aside.
8. Remove the right side passenger foot rest assembly from the frame and set it aside.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Be sure the stock exhaust gaskets are in good shape. If you have any doubts as to their condition, replace them.
2. Bolt on the front header section using the eight bolts (supplied), but leave them loose at this time.
3. Once the header is loosely bolted into place, slip the tail section over the collector and install the one larger exhaust spring between the header and tail section using the spring puller tool (supplied).
4. Install the aluminum hanger bracket to the frame where the passenger foot peg mounted using the two stock bolts.
5. Locate the stainless steel band bracket (inside small box) and remove the two stainless cap screws from the band.
6. Carefully slide the band bracket over the carbon fiber silencer while making sure the hourglass shaped side of the band bracket faces outwards.
7. Position the band bracket approximately four inches from the front edge of the can. Install the two stainless steel cap screws finger tight so the bracket can be adjusted later.

8. Slip the silencer over the tailpipe positioning the band bracket on the outside of the aluminum hanger bracket.
9. Install the two smaller springs over the tabs on the silencer and tailpipe using the spring puller tool.
10. Mount the silencer to the hanger bracket using the 8mm bolt, two washers and lock nut (hardware supplied), leave it loose at this time.
11. Tighten the two capscrews on the band bracket evenly and leaving at least a 1/16" gap where the bracket comes together. Do not over tighten. Be sure the silencer is mounted straight up and down viewing from the rear.
12. Tighten the eight header bolts evenly.
13. Tighten the muffler mounting bolt.
14. Reroute any drain tubes away from the exhaust system.
15. Replace the fairings in the reverse order from which they were removed.
16. Be sure all hardware is tight before starting the motorcycle.

RE-JETTING INSTRUCTIONS

Re-jetting the carburetors will result in realizing the "full" potential of this high performance exhaust system. Vance & Hines offers a Jet kit part number 23045.

Base line jetting information is available through our tech-line (562-926-5291) for most models.

Note: The discoloration or blueing of a nickel finish is normal. Without proper care or maintenance, this finish may rust or corrode. This finish is not warranted against those conditions. For tips on maintenance, please see our "Care Kit" (Part No. 22661)

Please note: Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, (center stand, oil filter, oil pan etc.) ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.