



## GSXR1100W SS2-R EXHAUST SYSTEM

RACING INC. Part #'s 12528 & 12535

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 popular SuperSport line, the goals established were simple. Make the new SS2-R one of the quietest performance exhaust systems available WITHOUT SACRIFICING HORSEPOWER! The unique oval canister design allowed for an increase in length and volume which coupled to the all new TRIPLE-CHAMBERED Quitech baffle made our goals a reality. A stunningly fresh look that compliments today's Superbikes, a fit and finish that are the standard of the industry, and a revolutionary design who's performance is race track tested and proven and add up to an exhaust system that is the quietest Vance & Hines has ever built. And the most powerful. Below are some of the features that make the SS2-R unique... ENJOY!

- ALL NEW TRIPLE-CHAMBERED QUITECH BAFFLE DESIGN
- TRIPLE-WRAP HIGH DENSITY FIBERGLASS PACKING
- SIGNIFICANTLY REDUCES SOUND LEVELS WITH NO PERFORMANCE LOSS
- EXCLUSIVE HIGH VOLUME OVAL CANISTER DESIGN
- TRADITIONAL VHR BILLET END-CAP WITH STAINLESS OVAL DIFFUSER

### REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the lower fairing from both sides of the bike.
2. Note: On 1996 or later models only. Remove the steering damper located in front of the radiator and below the lower triple clamp.
3. Drain the radiator by removing the lower hose on the left side of the radiator. Note: Keep your radiator coolant clean if you are going to reuse it.
4. Remove the two oil lines from each side of the oil cooler. Remove the three bolts that hold the oil cooler in place and set the cooler aside.
5. Remove the seat and plastic tail section.
6. Remove the gas tank and set it aside. Remove the forward gas tank mount.
7. Unplug the radiator fan, the plug is located just behind the steering head. Next unplug the horn wire from the horn mounted to the radiator.
8. Remove the right side radiator hose from the radiator. Remove the two bolts from the top of radiator. Gently lift the radiator out of the bottom mount and set it aside.
9. Remove the eight header bolts.
10. Remove the one center exhaust support bolt which is under the swingarm pivot bolts.
11. Remove the muffler retaining bolt, nut and washer and save for later installation.
12. Remove the two bolts from the center support bracket and set it aside.

### INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. **Important! Do not install exhaust system without heat shield installed.**
  - a) Remove the two oil pan bolts shown in figure A.
  - b) Put heat shield in place so that it covers the oil line as shown in figure A.
  - c) Reinstall oil pan bolts and tighten.

2. Check that the stock exhaust gaskets are in good shape. If you have any doubts as to their condition replace them.
3. Bolt on the front header section using the stock bolts.
4. Once the header is bolted in place, slip the tail section over the collector and install the one unpainted exhaust spring using the spring puller supplied.
5. Slide the dog bone nut plate under the aluminum bracket that is welded to the silencer.
6. Position the squared off end of the hold on bracket over the two holes in the nut plate while making sure that the bend above the two hole in the bracket is facing the aluminum can.
7. Install the two 5/16" bolts into the nutplate finger tight.
8. Slip the silencer over the tailpipe positioning the mounting bracket on the inside of the stock mounting bracket.
9. Make sure you have a stock muffler washer between the bracket and rubber mount and under the bolt head.
10. Install the two black springs over the tabs on the silencer and tailpipe using the spring puller tool.
11. Reinstall the radiator and oil cooler in reverse order from which removed.
12. Be sure all hardware has been tightened.
13. Refill radiator with coolant and replace any wires that were unplugged.
14. Reinstall the gas tank.
15. Reroute any drain tubes away from exhaust system.
16. Replace fairing and tail in reverse order.

#### 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 22646 (pre'96) & 22960 ('96 or later). 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.

Figure A

