

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 nine screws in the right hand side panel and set aside.
2. Remove the seven screws in the left hand side panel. Leave the screw in the front air dam screen. Also leave the screw in the rear cross support for the two side panels.
3. Remove the two top bolts in the oil cooler which tie to the bottom of the radiator.
4. Remove the bottom bolt in the oil cooler. Set the oil cooler on the ground, (Do not take the oil cooler lines off).
5. Remove the right hand muffler bolt.
6. Loosen the clamp on the right hand tail section. Remove the center support bolt, (under the rear of the engine cases). Pull off the right hand muffler assembly.
7. Remove the oil cooler mounting bracket, (just below the radiator).
8. Remove the eight header nuts. Remove the left hand muffler bolt. Drop the header and left muffler assembly and slide out the left hand side of the bike.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Remove the left hand spring from the center stand and take out left hand side pivot bolt.
2. Install the center stand stop bracket (supplied with tang oriented toward the inside of the bike, placing the center stand pivot bolt through the hole.
3. Rotate the bracket counter-clockwise until it hits the rocker arm pivot nut and tighten the pivot bolt. Re-install the center stand spring.
4. Be sure to check that the stock exhaust gaskets are in good shape. If you have any doubts as to their condition, replace them.
5. Set the new header under the front of the bike with the header tubes between the radiator and the engine cases.
6. Slip the new tail pipe onto the collector.

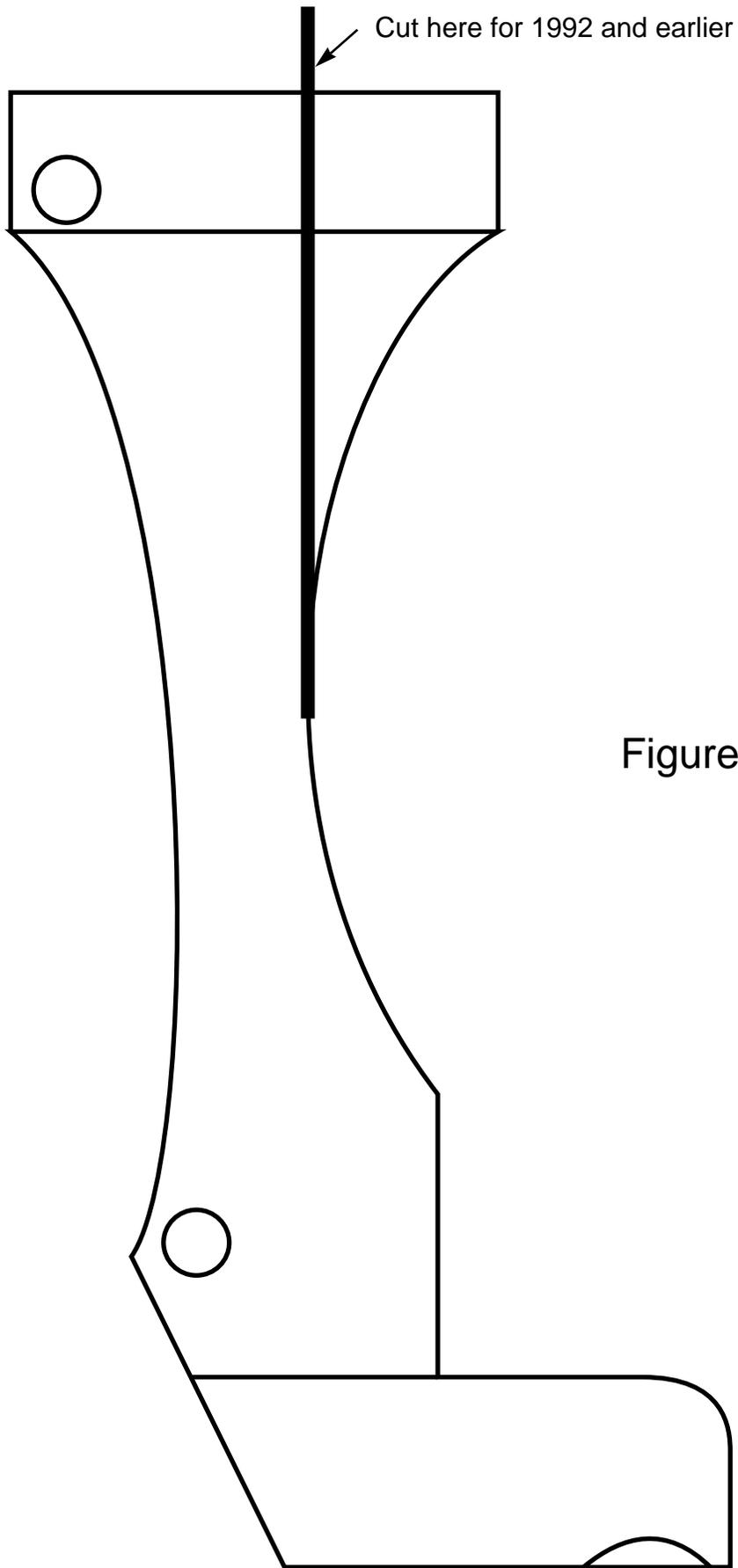
7. Lift the header/tail pipe assembly up to the cylinder head. Finger tighten two of the header nuts on each outside header tube.
8. Rotate the tail pipe up into position making sure the weld on bracket is on the right hand side of the exhaust system mounting boss, (under the rear of the engine cases).
9. Insert the 8mm bolt supplied through the bracket and into the mounting boss. Snug up the bolt, but do not fully tighten.
10. Finish installing the header nuts and fully tighten. Tighten the center support bolt from step 9.
11. Using the spring puller tool, install one unpainted spring over the collector spring tabs on the left hand side of the bike.
12. Slide the dog bone nut plate under the aluminum bracket that is welded to the silencer.
13. Position the squared off end of the hold on bracket over the two holes in the nut plate while making sure that the bend in the bracket is facing away from the aluminum can.
14. Install the two 5/16" bolts into the nutplate finger tight.
15. Slide the tailpipe of the new exhaust system over the collector of the front section.
16. Install the two unpainted exhaust springs between the collector and the tailpipe.
17. Slip the silencer over the tailpipe positioning the mounting bracket on the inside of the stock mounting bracket.
18. Make sure you have a stock muffler washer between the bracket and rubber mount and under the acorn nut head.
19. Install the two black springs over the tabs on the silencer and tailpipe using the spring puller tool.
20. Tighten assembly using the stock mounting bolt, washer and nut.
21. Re-install the oil cooler support bracket.
22. A slight trimming is needed (on 1992 and older models only) to the inside air dam on the left hand side panel. There are two air dams in the side panel, one at the top and one towards the bottom. The lower one needs to be trimmed at the top. See figure 1 of air dam.
23. Re-install oil cooler, and side panels in reverse order from which it was removed.

RE-JETTING INSTRUCTIONS

WARNING: Not re-jetting the carbs, therefore producing lean spots in the carburetion fuel curve, will result in not realizing the full potential of this high performance exhaust system.

We recommend using a Dyno-Jet kit, Vance & Hines part number 22176

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)



Left hand side
of bike

Figure 1

View from rear of bike