

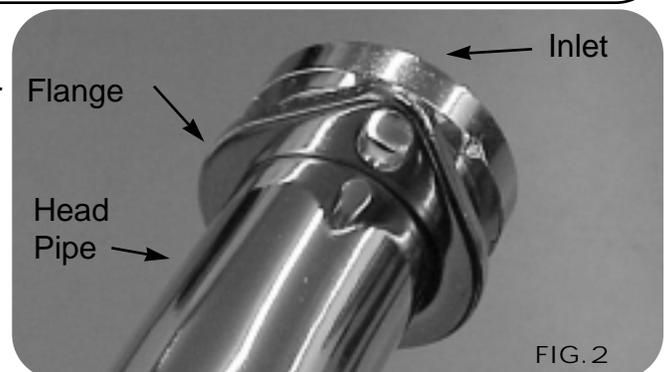
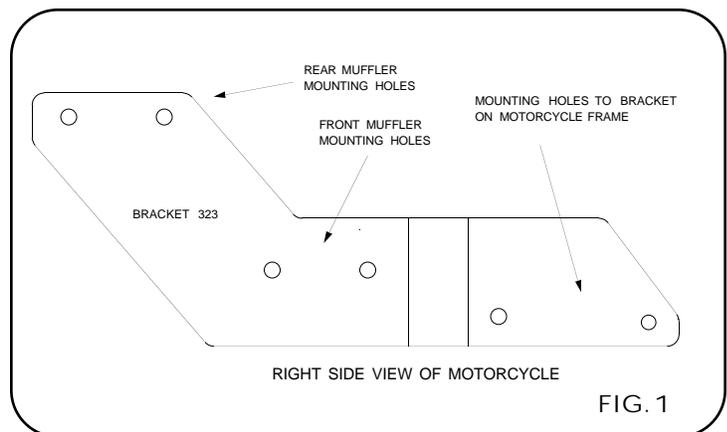
CONGRATULATIONS! You have purchased the finest exhaust system available for your motorcycle. Your VANCE & HINES exhaust system is designed for today's rider, a rider who needs maximum performance, great styling and a perfect fitting system. Please follow the installation instructions below and if you have any questions, feel free to call our technical help line (562) 926-5291.

STOCK EXHAUST SYSTEM REMOVAL

1. Remove and save cylinder exhaust port flange nuts that connect front and rear head pipes to cylinders.
2. Remove and save right side foot peg assembly.
3. Remove and save nuts that connect mufflers to mounting bracket. Remove complete system.
Note: Assistance may be required.

VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Check condition of stock exhaust gaskets. Replace damaged or worn gaskets.
2. Install muffler mounting bracket (stamped 323) in the original muffler mounting position, using two stock 8mm bolts and nuts. Refer to figure 1.
3. Install each header flange (supplied) over the outlet end of both front and rear head pipes. Slide to inlet end of pipe. Refer to figure 2.
4. Mount front and rear head pipes to their corresponding cylinder head, (long is front and short is rear). Use stock washers and flange nuts. Finger tighten flange nuts to allow adjustment later.
5. Slide muffler clamps (supplied) onto inlet end of each muffler.
6. Slip one of the mufflers onto front head pipe. Slide dogbone shaped nut plate inside bracket welded to backside of muffler. Attach muffler to mounting bracket 323 using (supplied) 5/16" flange head bolts engaging dogbone nut plate. Leave them loose at this time. Refer to figure 1 & 3. Repeat this step with the rear head pipe.
7. Unscrew all of the hose clamps (supplied) until they are completely loose. Mark top edge of both heat shields with location of the mounting clips that are welded inside the heat shield. Position the front heat shield over head pipe and feed tail end of hose clamps into the clips. Be sure that each



hose clamp is engaged with both clips. Repeat this step with the rear heat shield. Refer to figure 4.

8. Rotate hose clamps on both heat shields so they are accessible with a screw driver and tighten each of them evenly. The end of heat shields should meet flush with front edge of muffler bodies. If not, adjust muffler bodies until they meet flush. Refer to figure 5.
9. Align mufflers so they are parallel when viewing from right side of the motorcycle. Tighten 5/16" flange bolts, securing upper and lower muffler positions.
10. Tighten cylinder exhaust port flange nuts securing head pipes to cylinder heads.
11. Tighten muffler clamps at inlet of each muffler.
12. Remove oil and finger prints from chrome using a soft cloth and chrome polish before starting engine.
13. All hardware must be properly tightened before starting motorcycle.



FIG. 4

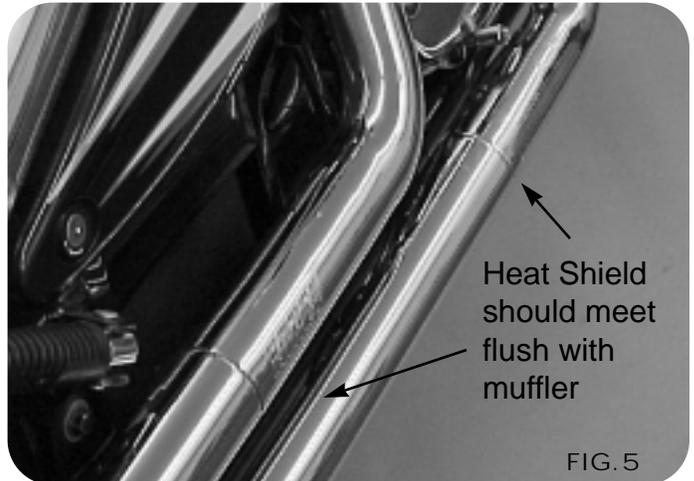


FIG. 5

RE-JETTING INSTRUCTIONS

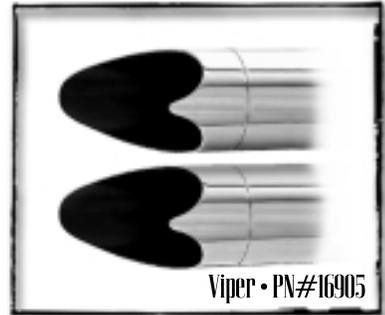
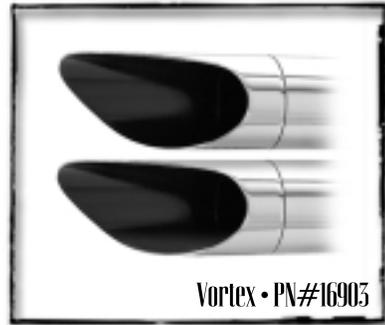
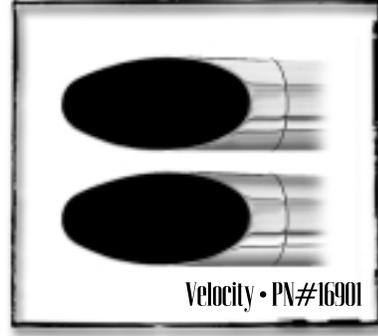
Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of an adjustable fuel management system.

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.

WARNING!

VANCE & HINES DOES NOT WARRANTY ANY CHROME PRODUCTS AGAINST DISCOLORATION DUE TO IMPROPER CARBURETOR JETTING OR FUEL INJECTION SETTINGS.

Customize Your Straightshots!



Optional Hot-Tips



Contact your local Vance & Hines dealer for more information!
www.vanceandhines.com