



YAMAHA ROAD STAR PRO PIPE HS EXHAUST SYSTEM Part #25501

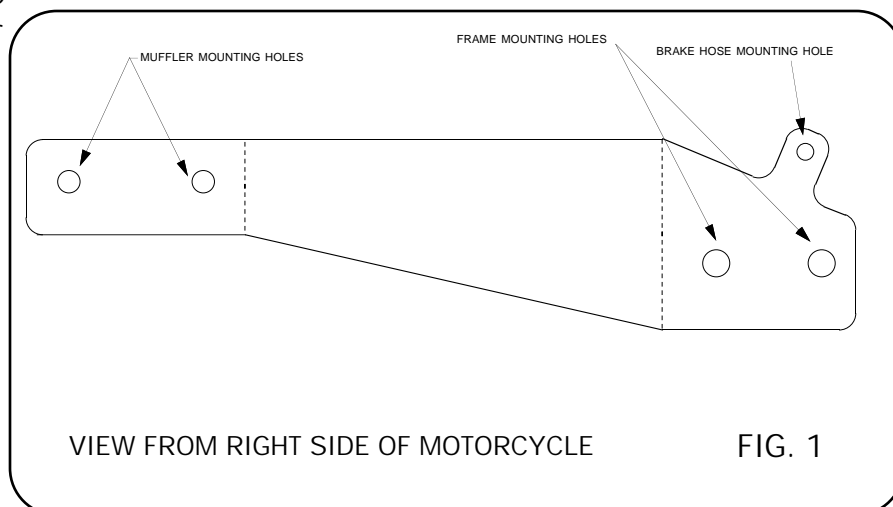
CONGRATULATIONS! You have purchased the finest exhaust system available for your motorcycle. Your VANCE & HINES exhaust system is designed for today's rider, a rider who needs maximum performance, great styling and a perfect fitting system. Please follow the installation instructions below and if you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

REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the header flange nuts from the rear cylinder.
2. Loosen right side floor board allowing clearance for front head pipe removal.
3. Loosen the muffler clamp on front head pipe.
4. Remove, and save, the two muffler mounting bracket bolts, located between mufflers.
5. Carefully separate the front head pipe from muffler assembly. Remove muffler assembly with rear head pipe attached and set it aside.
6. Remove the header flange nuts from front cylinder. Remove front head pipe and set it aside.
7. Remove the muffler mounting bracket from frame. Note: The rear brake hose must be disconnected from the rear brake caliper in order to remove the muffler mounting bracket.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

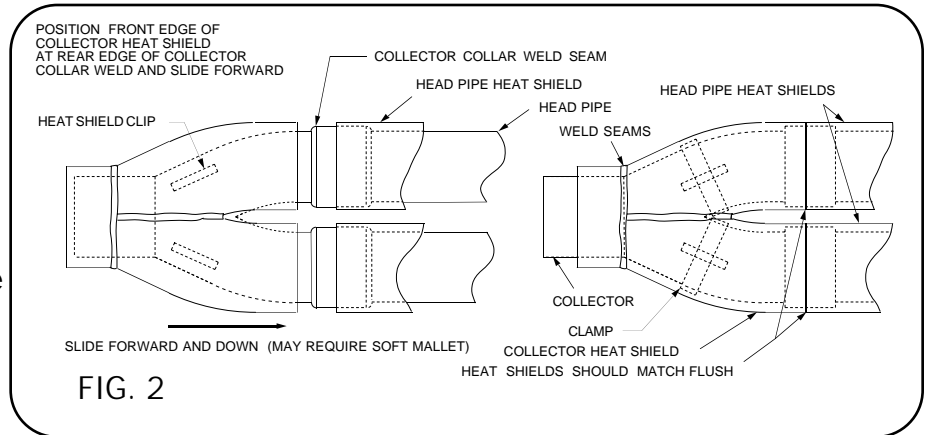
1. Reconnect brake hose to rear caliper. Important: *Bleed the rear brake to remove any air from the system and refill the reservoir with the proper brake fluid. Refer to owners manual.*
2. Install mounting bracket (stamped 315) to frame. Align two 10mm holes in bracket with holes in the frame below the right rear footrest (where the stock mounting bar was removed). Re-use the two stock 10mm bolts, and supplied lock nuts, do not tighten at this time. Note: The bracket will bend away from the motorcycle when mounted correctly. (Refer to figure 1.)
3. Connect brake hose clip to megaphone mounting bracket, using 6mm bolt and lock nut (supplied). (Refer to figure 1)
4. Check condition of stock exhaust gaskets. Replace damaged or worn gaskets.
5. Unscrew all hose clamps (supplied) until they are completely loose. Mark top edge of all three heat shields



with the location of mounting clips that are welded to backside. Place header on non-abrasive surface such as a blanket or carpet. (Reduces risk of scratching chrome on heat shields) Position front heat shield over head pipe and feed tail end of hose clamps into clips. Be sure that each hose clamp is engaged with both clips. Repeat this step with rear heat shield and

collector heat shield. To facilitate installation of collector heat shield, use a forward sliding motion from rear of the collector. Do not force collector heat shield directly onto header from the side. Damage to heat shield will result. Note: Collector heat shield uses smaller 3/8" wide clamps.

6. Install the header using stock flange nuts, do not tighten at this time.
7. Install megaphone clamp (supplied) over inner slip joint tube at front of megaphone.
8. Slip megaphone onto head pipe collector, engaging collector heat shield between megaphone clamp and outer slip joint tube. Slide one dog



- bone shaped nut plate under bracket that is welded to the backside of the megaphone and attach to mounting bracket using two 5/16" flange head bolts (supplied).
9. Tighten mounting hardware in the following order: 1. Head pipe flange nuts, 2. Megaphone clamp, 3. Flange bolts at megaphone to mounting bar attachment.
10. Align all three heat shields so ends meet flush. (Refer to figure 2). Tighten heat shield clamps.
11. Tighten the two 10mm bolts that mount the bracket to the frame.
12. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
13. Remove oil and finger prints from chrome using a soft cotton cloth and chrome polish before starting engine.
14. Be sure to tighten all hardware before starting your motorcycle.
15. Be sure the rear brake is functioning properly before riding.

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.

For information about other Vance and Hines products visit our web site at vanceandhines.com

WARNING!
**VANCE & HINES DOES NOT WARRANTY ANY CHROME
 PRODUCTS AGAINST DISCOLORATION.**