



**HONDA 1100 AERO
LONGSHOT
EXHAUST SYSTEM
Part #18489**

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.

REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the right hand frame cover to avoid damage to it.
2. Remove the stock heat shield where the head pipes join the mufflers.
3. Loosen the clamp at the slip joint where the front head pipe merges with the muffler.
4. Remove the nuts and washers that mount the front head pipe to the cylinder head. Twist the head pipe out of the muffler and set it aside.
5. Remove the nuts and washers that mount the rear head pipe to the cylinder head. Remove the two bolts that attach the muffler to the mounting bracket, remove the head pipe and muffler as an assembly.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Check the stock exhaust gaskets to be sure they are in good shape. If you have any doubts as to their condition, replace them.
2. Install the mounting bracket (stamped 306) to the stock muffler bracket, using the stock muffler mounting bolts. Refer to figure 1.
3. Install a header flange (supplied) over the outlet end of each head pipe.
4. Mount the front (#H230) and rear (#H231) head pipes to the cylinder head, using the stock washers and nuts. Leave the nuts loose at this time. **Note: The two smaller holes in the header flanges are offset from the large hole. If the small holes do not align with studs at the exhaust port, spin the flange on the pipe one half of a turn and try again. Refer to figure. 2.**
5. Slide a chrome muffler clamp (supplied) onto the inlet end of each muffler.
6. Slip one muffler onto the front head pipe. Slide one dog bone shaped nut plate under the bracket that is welded to the backside of the muffler and attach the muffler to the lower mounting holes in the mounting bracket using two of the 5/16" flange head bolts (supplied), but leave them loose at this time. Refer to figure 1.
7. Slip one muffler onto the rear head pipe. Slide one dog bone shaped nut plate under the bracket that is welded to the backside of the muffler and attach the muffler to the mounting bracket using two of the 5/16" flange head bolts (supplied), but leave them loose at this time. Refer to figure 1.
8. Unscrew all of the hose clamps (supplied) until they are completely loose. Mark the top edge of both heat shields with the location of the mounting clips that are welded to the backside. Position the front heat shield over the head pipe and feed the tail end of the hose clamps into the clips. Be sure that each hose clamp is engaged with both clips. Repeat this step with the rear heat shield.

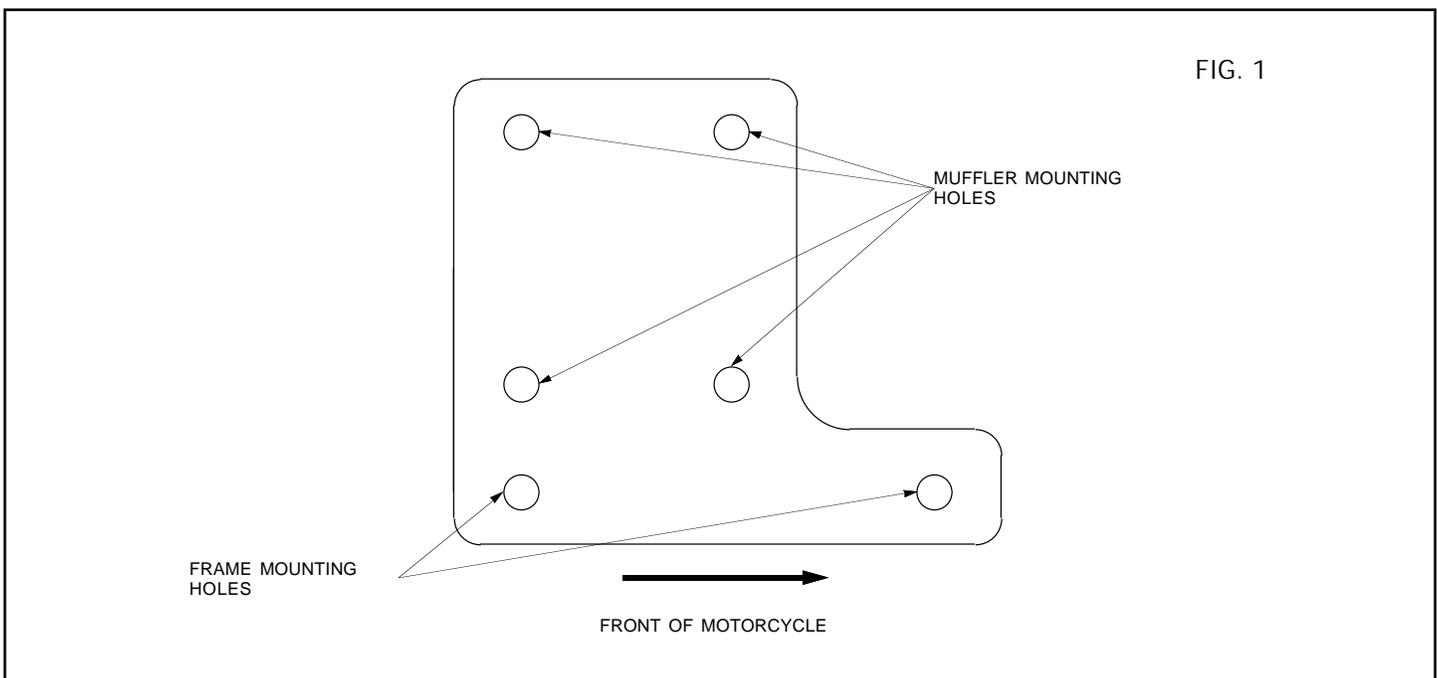
9. Align the mufflers so they are parallel when viewing from the right side of the bike, and tighten the 5/16" flange bolts on the back side of both mufflers.
10. Tighten the two header flange nuts on both front and rear head pipes.
11. Tighten the clamps at the slip joint of each muffler.
12. Rotate the hose clamps on both heat shields so they are accessible with a screw driver and tighten each of them evenly. Important Note: The end of the heat shield should match flush with the edge of the muffler body. If not, loosen the muffler and adjust it fore or aft until the heat shield is flush with the muffler body. Refer to figure 3.
13. Be sure to remove any oil or finger prints before starting the motorcycle.
14. Be sure to tighten all hardware before starting your motorcycle.

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.

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, 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.



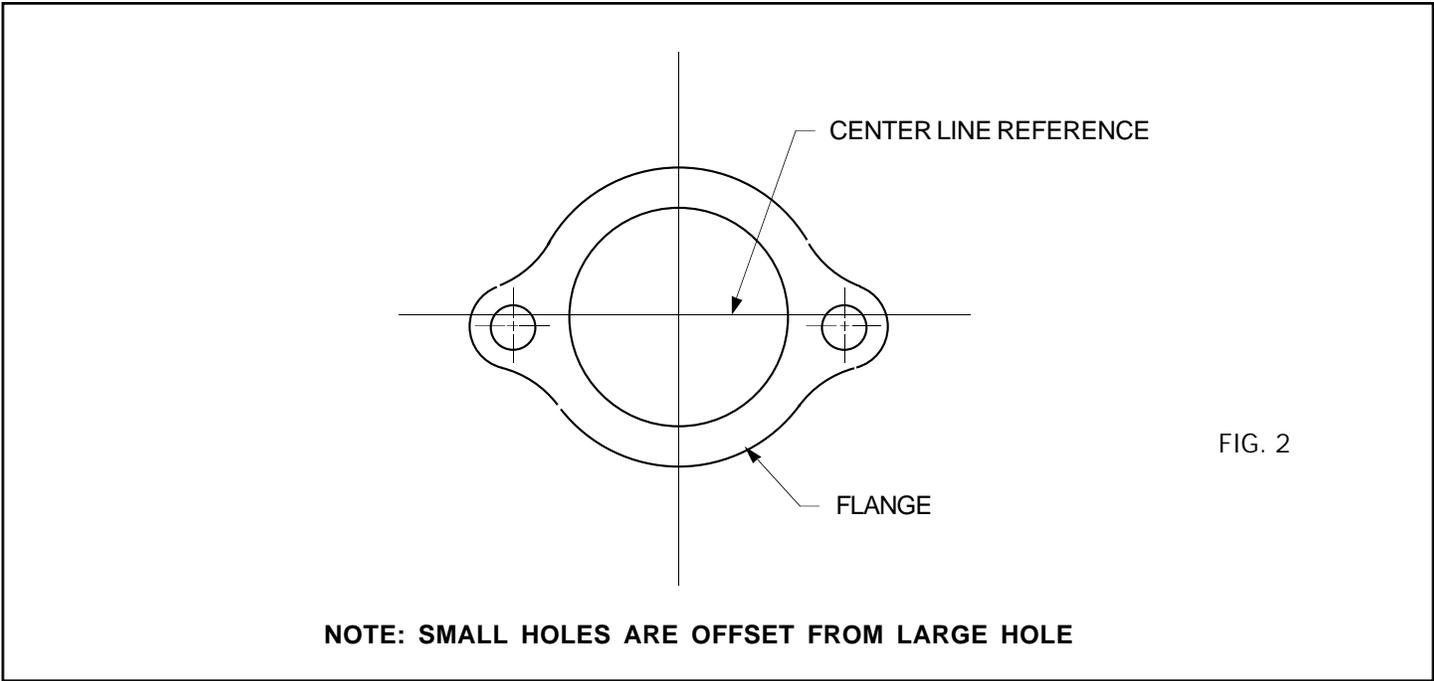


FIG. 2

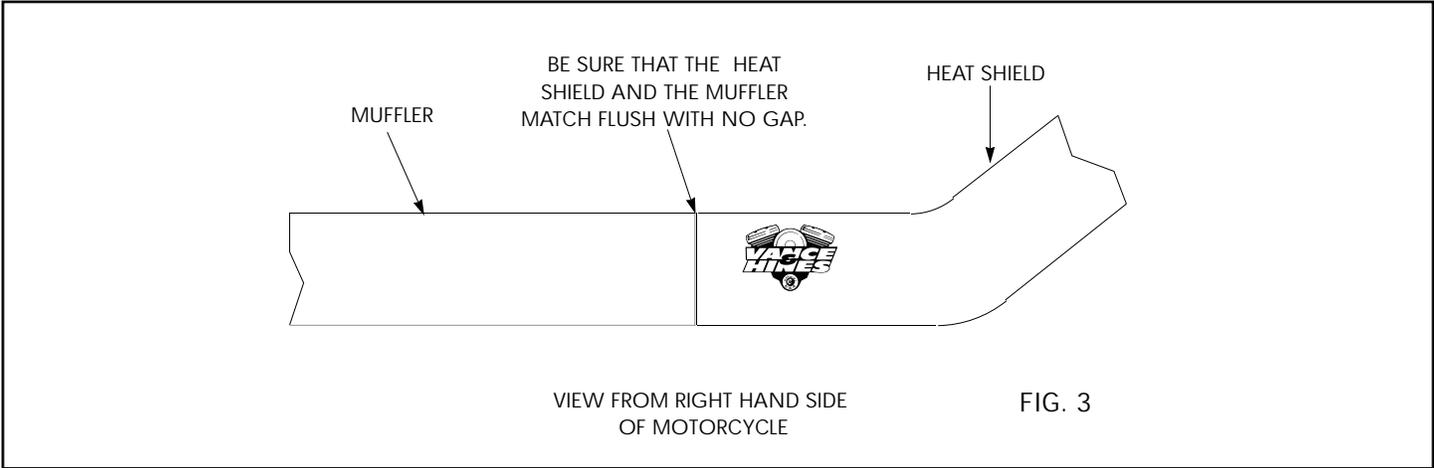
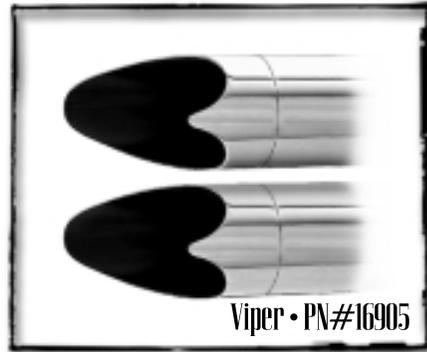
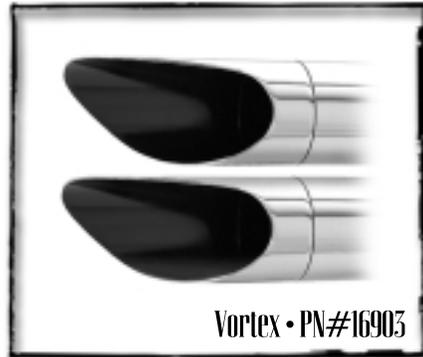
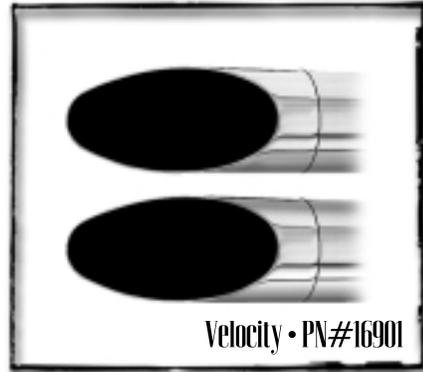


FIG. 3

Customize Your Longshots!



Optional Hot-Tips



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