



**HONDA 1100 AERO  
STRAIGHTSHOT  
EXHAUST SYSTEM  
Part #18483**

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.

**REMOVING THE STOCK EXHAUST SYSTEM**

1. Remove the right hand frame cover to avoid scratching it.
2. Remove the stock heat shield where the head pipes joins with the muffler.
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 V&H muffler mounting bracket (stamped 270) 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 and rear head pipes to their corresponding the cylinder head, using the stock washers and nuts. Leave the nuts loose at this time.
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 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 muffler 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 2.

- 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. Base line jetting information is available through our tech-line (562-926-5291) for most models.

**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.**

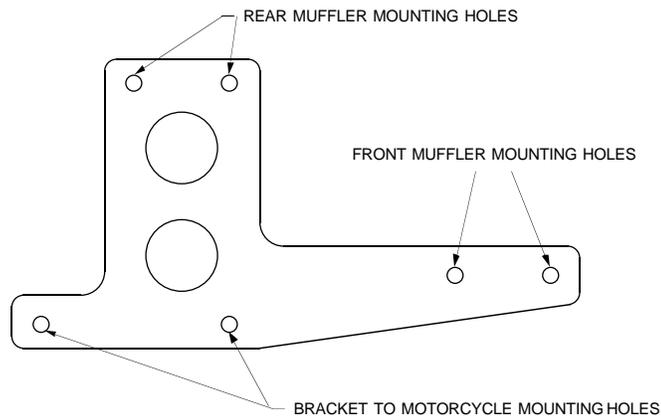
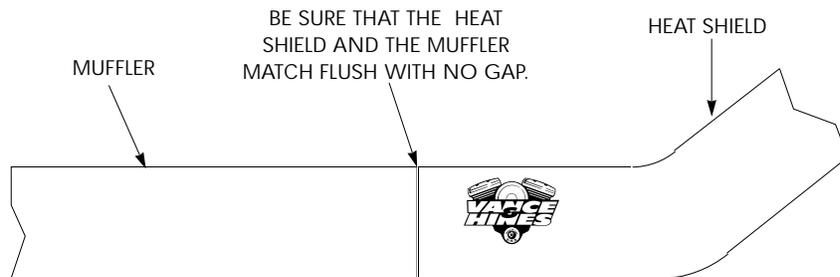


FIGURE 1

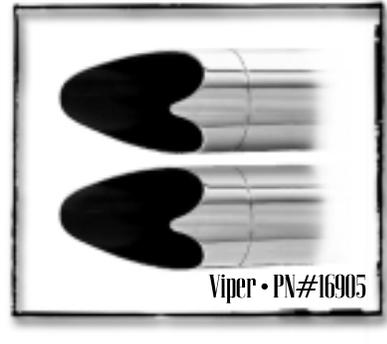
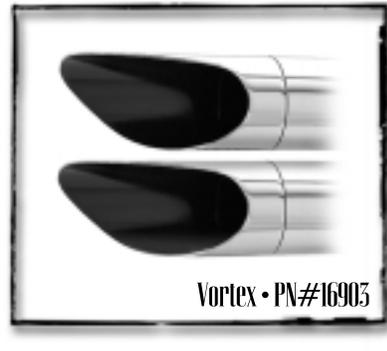
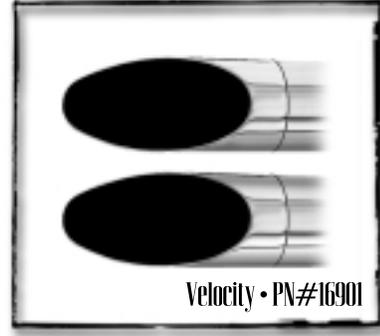
VIEW FROM RIGHT HAND SIDE OF MOTORCYCLE



VIEW FROM RIGHT HAND SIDE OF MOTORCYCLE

FIG. 2

# Customize Your Straightshots!



## Optional Hot-Tips



Contact your local Vance & Hines dealer for more information!  
[www.vanceandhines.com](http://www.vanceandhines.com)