



**HONDA VLX600
CRUZER EXHAUST**
Part #31403

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 lower bolt and upper nut that attach the muffler bracket to the frame.
2. Remove the header flange nuts from the front and rear cylinder.
3. Remove the exhaust system as an assembly and set it aside. Save the hardware for reuse.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Install the rubber grommets (supplied) into the two large diameter holes of the V&H muffler bracket. Insert the two short steel spacers (supplied) through the hole of each grommet.
2. Mount the new muffler bracket to the stock mounting points on the frame, using the supplied hardware. Refer to figure 1.
3. Check the stock exhaust gaskets to be sure they are in good shape. If you have any doubts as to their condition, replace them.
4. Place the front head pipe into the exhaust port. Do not attach the flange at this time!
5. Slide one dog bone shaped nut plate under the bracket that is welded to the back side of the muffler. Attach the muffler to the mounting bracket using two 5/16" flanged head bolts (supplied). Leave them loose at this time. Refer to figure 2. Go back and attach the exhaust flange to the cylinder head studs using the stock nuts, leave them loose at this time.
6. Repeat steps #3 and #4 for the rear header assembly.
7. Tighten the nuts on each header flange evenly. Tighten the two 5/16" bolts on the back side of each muffler.
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. Rotate the hose clamps on both heat shields so they are accessible with a screw driver and tighten each of them evenly. Note: The screw end of the hose clamp should be accessible, but not visible when pipe is mounted on the bike.
10. Be sure to remove any dirt, oil or finger prints from the entire exhaust system before starting the motorcycle.
11. 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.

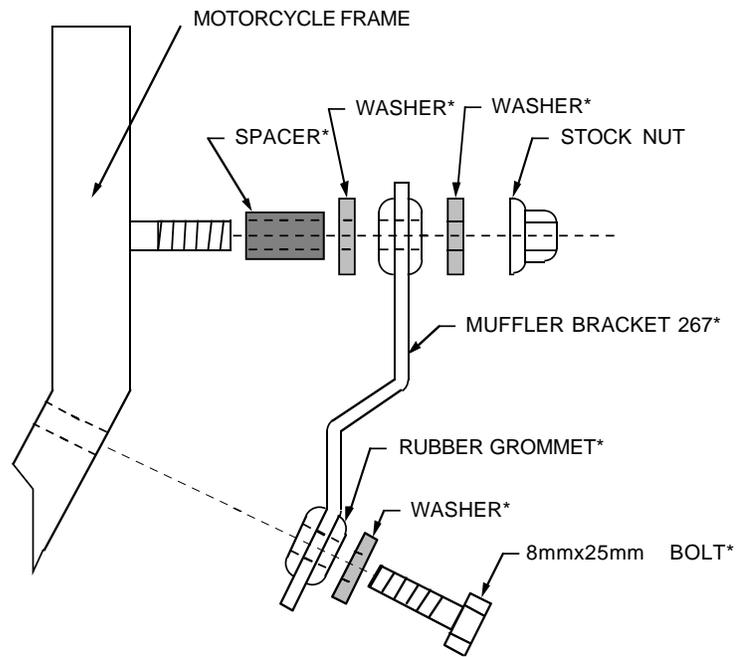


FIGURE 1

* HARDWARE SUPPLIED WITH EXHAUST SYSTEM

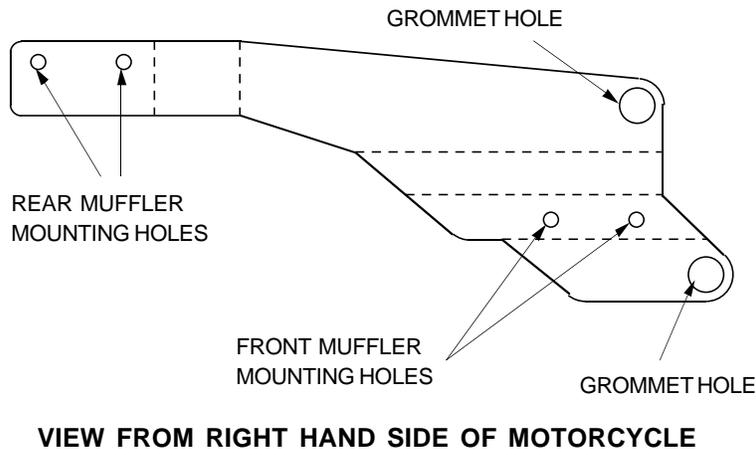


FIGURE 2

VIEW FROM RIGHT HAND SIDE OF MOTORCYCLE