



KAWASAKI VULCAN 1500 STRAIGHT SHOT EXHAUST SYSTEM Part # 18381

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 fit. Please read the instructions thoroughly, and compare the parts list with the contents of the box before removing any parts from the motorcycle.

REMOVING THE STOCK EXHAUST SYSTEM

1. Remove the mufflers by loosening the pinch clamps on the front of each muffler.
2. Remove the muffler mounting bolt from the right side passenger footrest, slide the mufflers off and set them aside. Note: Save the mounting bolt, it will be reused for installation.
3. Loosen the pinch clamp on both front and rear head pipes, they're located at the resonance chamber (the black box where the pipes meet).
4. Remove the two acorn nuts that mount the head pipe to the cylinder head. Remove the two piece header flange and set it aside. Note: Save the header flange, it will be reused upon installation.
5. Remove the front head pipe by rotating it down and pull it out of the resonance chamber.
6. Remove the two acorn nuts and flange from the rear head pipe. Remove the two bolts from either side of the resonance chamber and lower rear pipe and resonance chamber down and out and set it aside.

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 heat shield to the front head pipe using the three hose clamps (supplied). Unscrew all of the hose clamps (supplied) until they are completely loose. Feed the tail end of the hose clamp into the clips on the inside of both heat shields. Place the front head pipe into the heat shield, wrap the hose clamp around the head pipe and give the screw three to four turns, leaving heat shield loose on the head pipe. Repeat this step with the **two** heat shields on the rear head pipe. Note: The screw end of the hose clamp should be accessible, but not visible when pipe is mounted on the bike. Leave them loose at this time.
3. Install the rear head pipe, with the heat shields attached, to the rear cylinder using the stock flanges and nuts. Leave them loose at this time.
4. Install the front head pipe, with the heat shield attached, to the front cylinder using the stock flanges and nuts, leave them loose at this time.
5. Slide a chrome muffler clamp (supplied) onto the inlet end of each muffler. Install a 5/16" x 1 1/4" bolt with a flat washer on either side of the clamp followed by a lock nut (supplied). Do this to each muffler but leave the clamp loose at this time.
6. Slide one dog bone shaped nut plate under the bracket that is welded to each muffler.
7. Remove the mounting bar from the box. Hold the mounting bar in front of you with the three hole bracket positioned to the left hand side. Mount one of the mufflers to the three hole bracket with the small end pointing to the right hand side of the mounting bar. Use the two holes that are closest to the bar, install the two 5/16" flange bolts (supplied) and leave them loose. See figure 1 on page 2.

8. Slide the muffler with mounting bar attached onto the rear head pipe while lining up the hole above the muffler with the hole on the bike where the stock muffler originally mounted, use the stock mounting hardware.
9. Slide the second muffler onto the front head pipe and mount it to the two hole bracket on the mounting bar using the two 5/16" flange bolts (supplied).
10. Align the mufflers so they're parallel when viewing from the right side of the bike, and tighten the 5/16" flange bolts on the back side of both mufflers.
11. Tighten the two nuts on both front and rear head pipes.
12. Tighten the two muffler clamps and the two 3/8" bolts where the mounting bracket attaches to the frame.
13. Rotate the hose clamps on both heat shields so they're accessible with a screw driver and tighten each of them evenly.
Important Note: The end of the heat shield should butt flush with the edge of the muffler body. If not, loosen the muffler and adjust it fore and aft until the heat shield is flush with the muffler body.
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 a jet kit, call for your application.

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.

