



MARAUDER 800 EXHAUST SYSTEM Part #31265

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. Loosen the rear header flange from the exhaust port, just enough to pivot the head pipe.
2. Remove the right hand foot rest from the frame and set it aside.
3. Remove the front header by loosening the clamp at the front muffler joint and remove the nuts from the header flange. Save the hardware and set the header aside.
4. Loosen the tube clamp located about half way down the rear head pipe.
5. Remove the nuts and washers that mount the muffler assembly to the frame. Save the hardware for re-use.
6. Disengage the muffler assembly from the rear head pipe using a slight twisting motion. Lift the mufflers out and set them aside.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Attach the muffler mounting bracket (stamped 280) to the motorcycle frame, where the stock muffler assembly mounted. Use the two 8mm x 30mm bolts (supplied) with the stock washers and nuts on the backside. Important note: Be sure to install the 8mm washer (supplied) between the muffler bracket and the frame cushion on the forward most mounting bolt. Refer figure 1.
2. Slip the tube clamp (supplied) over the inlet end of the rear head pipe/muffler assembly.
3. Slip the rear head pipe/muffler assembly onto the stock rear head pipe. Leave the clamp loose at this time.
4. Slide one dog bone shaped nut plate (supplied) under the bracket that is welded to the back side of the muffler. Attach the muffler to the rear most holes in the mounting bracket using two 5/16" flanged head bolts (supplied). Leave them loose at this time. Refer to figure 1.
5. Check the stock exhaust gasket in the front exhaust port to be sure that it's in good shape. If you have any doubts as to it's condition, replace it.
6. Install the front head pipe/muffler assembly into the exhaust port using the stock header flange bolts. Leave the bolts loose at this time.
7. Slide one dog bone shaped nut plate (supplied) under the bracket that is welded to the back side of the muffler. Attach the muffler to the forward most holes in the mounting bracket using two 5/16" flanged head bolts (supplied). Leave them loose at this time. Refer to figure 1.
8. Align the mufflers so that they are parallel when viewing from the right hand side of the motorcycle.
9. Tighten the header flange nuts evenly on both cylinders.
10. Tighten the two 5/16" bolts on the back side of each muffler.
11. Tighten the tube clamp at the rear header slip joint. Be sure the clamp is oriented to where it will not interfere with the mounting of the rear heat shield.
12. 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.
13. 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.
 14. Be sure to remove any dirt, oil or finger prints from the entire exhaust system before starting the motorcycle.
 15. 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.

