



**HONDA SHADOW
ACE TOURER
EXHAUST SYSTEM**
Part #19403

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 pinch clamp bolt on the left hand muffler crossover pipe. (Located on the right of the motorcycle, where both mufflers merge with the head pipes).
2. Remove the two 8mm bolts that mount the left hand muffler to the frame. Drop the muffler down to clear the mounts and pull out from the collector.
3. Remove the right hand frame cover to avoid damaging it.
4. Remove the 8mm nut holding the head pipe flanges to the cylinder heads. Remove the 8mm bolts that mount the right hand muffler to the frame.
5. Remove the remainder of the exhaust system from the motorcycle and set it aside.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Be sure to check that the stock exhaust gaskets are in good shape. If you have any doubts as to their condition, replace them.
2. Install the chrome exhaust flanges (supplied) over the front and rear head pipes.
3. Install the rear head pipe to the rear cylinder using the stock 8mm acorn nuts. Route the pipe approximately 3/4" beneath the swingarm, leaving the nuts finger tight at this time.
4. Install the front head pipe to the cylinder head using the stock 8mm acorn nuts. Its routing follows the stock head pipe, leave the nuts finger tight at this time.
5. Your Vance & Hines mufflers use the stock mounting locations and rubber grommets. Remove the steel spacers and rubber grommets from your stock mufflers and install them into Vance & Hines mufflers in the same locations.
6. Slip a chrome muffler clamp onto the inlet end of each muffler. Install the clamp hardware as shown in figure 1 (hardware supplied). Leave them loose at this time.
7. Slide the left hand muffler assembly (stamped H641) onto the rear head pipe approximately two inches. Mount the mufflers to the motorcycle using the stock bolts, in the stock locations.
8. Repeat the above step with the right hand muffler (stamped H640).
9. Unscrew all of the hose clamps (supplied) until they are completely loose. Mark the top edges of the heat shields with the location of the mounting clips that are welded to the back side of the heat shield. Position the right rear heat shield (stamped H226) over the rear head pipe and feed the tail end of the hose clamps into the clips. Be sure that each clamp is engaged into both clips. Repeat this procedure with each heat shield.
10. Rotate the hose clamps in the shields so that the screw drives are accessible. *Note: The screw end of the hose clamp should be accessible, but not visible when pipe is mounted on the bike.*
11. Position the heat shields evenly on the head pipes and tighten the clamps.
12. Clean all dirt and finger prints from the exhaust system before starting your engine to check for exhaust leaks.
13. 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.

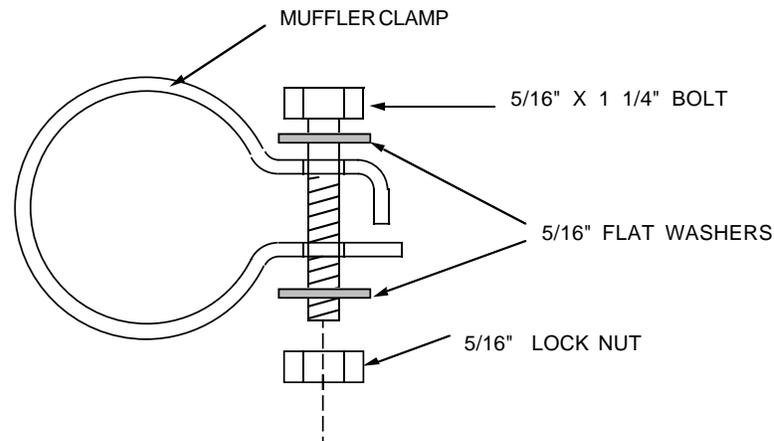


Figure 1

NOTE: ALL HARDWARE SHOWN IS SUPPLIED WITH THE EXHAUST SYSTEM