








MORE POWER : LESS NOISE



Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style.

Attention installer (if other than owner), please forward this instruction sheet to the owner of this product. These instructions contain valuable information to the end user.

**TOOLS
REQUIRED**

-  Flat blade screwdriver
-  5/16" Nutdriver
-  1/2" Wrench
-  Ratchet 3/8" drive
-  9" Extension sockets 9/16" & 1/2"

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

**STOCK EXHAUST
SYSTEM
REMOVAL**

1. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the head pipe mounting flange nuts.
2. Loosen, but do not remove, the two head pipe mounting nuts from each flange located at the cylinder head.
3. Remove the clamp bolt which mounts the rear head pipe to the belt drive cover bracket. This will be re-used.
4. Loosen the clamps holding the mufflers onto the head pipes.
5. Remove the two bolts from each muffler which attach the mufflers to the mounting bar. These bolts will not be re-used.
6. Remove the mufflers by sliding them off the head pipes.
7. Remove the clamp from the nose of each muffler (these will be re-used when installing the new mufflers).
8. Remove the crossover gaskets from the crossover ports on the stock mufflers. Inspect the gaskets and replace if damaged or worn (H-D part #65927-00).
9. Install crossover gaskets onto mounting bar on motorcycle.

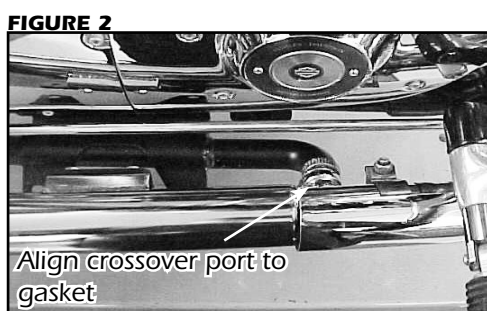
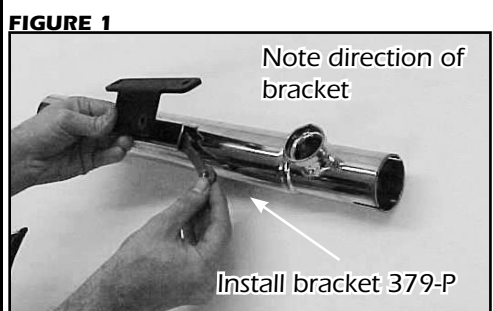


FIGURE 3



FIGURE 4

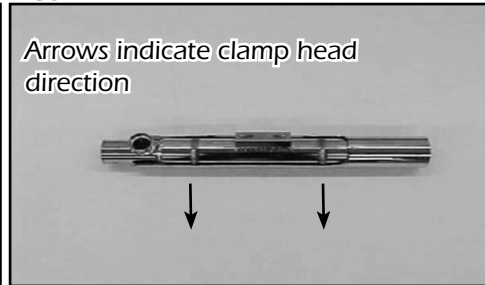
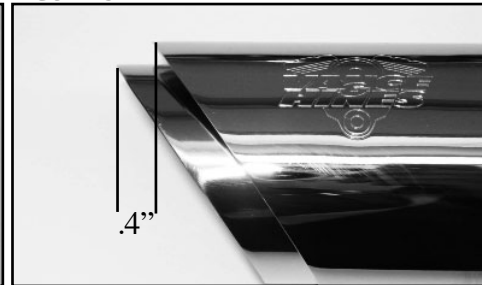


FIGURE 5



EXHAUST SYSTEM INSTALLATION

1. Remove mufflers and heat shields from protective packaging.
2. Slide the nut plate inside the bracket that is welded to the backside of each muffler body and attach the muffler bodies to the mounting brackets (stamped 379-P) using four 5/16" x 5/8" flange head bolts (supplied). Leave them loose at this time (Figure 1).
3. Slide stock exhaust clamp onto nose of each muffler with nut facing down.
4. Slide mufflers onto head pipes and align crossover port with gasket on mounting bar (Figure 2). Press into place on gasket.
5. Attach the muffler brackets to the stock mounting bar using four 5/16" x 3/4" hex head bolts, 5/16" nuts, and eight washers (supplied). Position bolt heads towards the ground for max clearance. Leave them loose at this time (Figure 3).
6. Tighten cylinder port exhaust flange nuts on front and rear cylinders.
7. Re-install and tighten the clamp bolt which mounts the rear head pipe to the belt drive cover bracket.
8. Align muffler and bracket so they sit level. Tighten the muffler mounting bolts and the bracket mounting bolts.
9. Tighten the clamps holding the mufflers onto the head pipe.
10. Align head pipe heat shields and tighten all of the head pipe hose clamps.
11. Slide hose clamps into clips inside muffler heat shields. Note direction of clamp screw heads (Figure 4).
12. Slide heat shields onto muffler bodies so that muffler body is extended past top of heat shield by .4 inches. Make sure that slash angles of the muffler body and heat shields are aligned, and that the logo is positioned as shown (Figure 5). Tighten hose clamps.
13. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
14. After installation and before starting motorcycle, completely clean pipes and mufflers with cleaning solvent and a clean, soft cloth that will not leave a residue. Note: Any residue, oil, or fingerprints will stain the chrome when the metal heats up.
- 15. Be sure to tighten all hardware before starting motorcycle.**

EXHAUST CARE - HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST SYSTEM

1. When installing a new set of chrome pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with a soft cloth and cleaning solvent that will leave no residue (chrome wax / polish, glass cleaner, alcohol, ammonia, etc...) before starting the motorcycle.
2. Avoid long periods of idling as this can cause discoloration.
3. Intake leaks can cause the engine to run lean and overheat, this could lead to discoloration.
4. Make sure there are no exhaust leaks at the junction of the exhaust pipes and cylinder head. We recommend replacing gaskets if they are worn.

OPTIONAL ACCESSORIES

FUELPAK



FUEL MANAGEMENT:
Take the guess work out of fuel injection with Fuelpak Fuel Management.
Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.

BAFFLES

21899	Quiet Baffle
21897	Competition Baffle
21874	Replacement Baffle

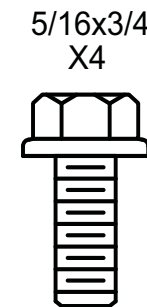
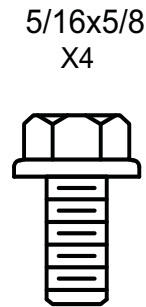
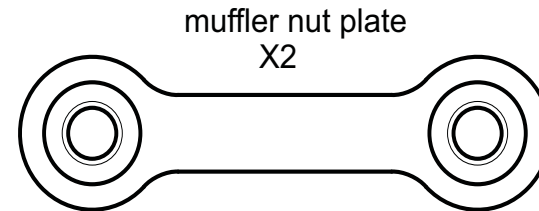
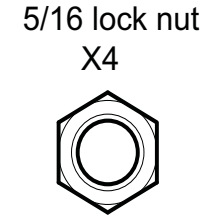
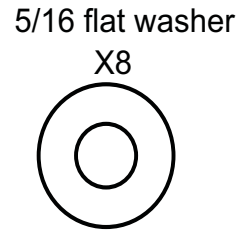
PLEASE NOTE: Every effort is made for Vance and Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.



PACKING LIST

MORE POWER : LESS NOISE

ALL PARTS SHOWN ARE ACTUAL SIZE



PARTS NOT SHOWN:

- 379-P Bracket x 2
- D744RC Muffler Body x 2
- D743HC Heat Shield x 2
- A234HW SS1/4x20 x 5/16" BHSCS x 2

WARRANTY

Vance and Hines exhaust systems are warranted against defects in material and workmanship for a period of 90 days from the date of purchase from an authorized dealer. This warranty does not cover discoloration of chrome finishes. This warranty is limited to the repair or replacement of a product proven to be defective from normal use. Exhaust systems are designed to fit and operate on OEM motor and chassis. This warranty does not cover any product subject to abuse, misuse, improper installation or modification.

FUEL MANAGEMENT

GET THE MOST OUT OF YOUR RIDING EXPERIENCE...

AN AFTERMARKET EXHAUST SYSTEM IS ONLY YOUR FIRST STEP, NOW YOU NEED FUEL MANAGEMENT.

NOW YOU NEED FUELPAK.

Your fuel injected Harley-Davidson® is equipped with an ECU (electronic control unit) that's programmed to deliver fuel to the motor based on an air/fuel ratio for a stock air filter and stock exhaust system. When you install a performance exhaust system, your airflow changes, so you need a fuel management system that adjusts your air/fuel ratio to match the changes. That fuel management system is Fuelpak. Fuelpak adds and takes away fuel, allowing for a more precise range of refinement in your air/fuel ratio. Get the perfect fuel management combination with your Vance & Hines exhaust system, get Fuelpak.

NOTICE: Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.



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