








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. Please follow the installation instructions below and if you have any questions, please call our technical support line at (562) 926-5291.

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 front and rear exhaust pipes
2. Loosen the clamps holding the mufflers onto the head pipes.
3. Remove the two bolts from each muffler which attach the mufflers to the mounting bar (Figure1).
4. Remove muffler mounting bar and set aside the mounting bar and hardware for reuse
5. Remove the mufflers by sliding them off the head pipes. NOTE: Penetrating oil may be required to loosen muffler from headpipes
6. Remove the clamp from the nose of each muffler (these will be re-used when installing the new mufflers).

FIGURE 1

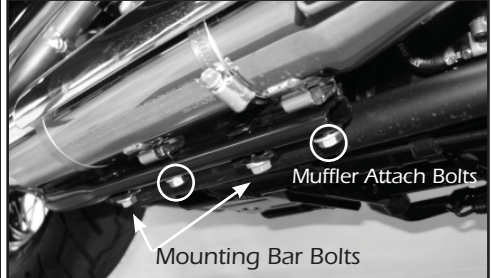


FIGURE 2

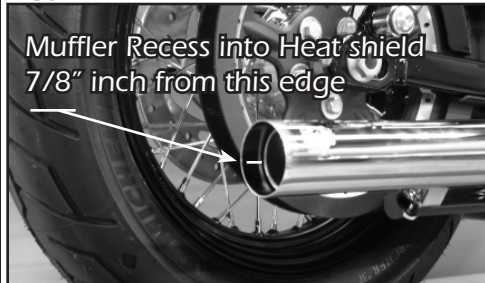


FIGURE 3

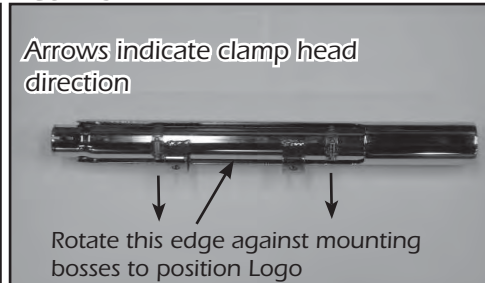


FIGURE 4



EXHAUST SYSTEM INSTALLATION

1. Remove mufflers and heat shields from protective packaging.
 2. Slide hose clamps into clips inside muffler heat shields. Note direction of clamp screw heads (Figure 3).
 3. Slide heat shields onto muffler bodies so that muffler body is recessed into the heat shield 7/8" inch. Make sure that, and that the logo is positioned at approx 2 O'Clock as looking from the rear (Figure 2). Tighten hose clamps.
 4. Slide stock exhaust clamp onto nose of each muffler. NOTE: On the front clamp the nut faces down and the rear clamp the nut must face up
 5. Loosely install the muffler mounting bar using the stock hardware (Figure 4).
 6. Beginning with the front muffler, slide mufflers onto head pipes
 7. Attach the muffler brackets to the stock mounting bar using the 5/16 x 1 1/4" hex nut and washer. Leave them loose at this time (Figure 4).
 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. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
 12. 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.
- 13. 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

BAFFLES

21869 Quiet Baffle

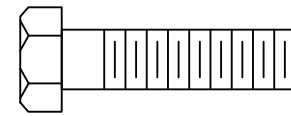
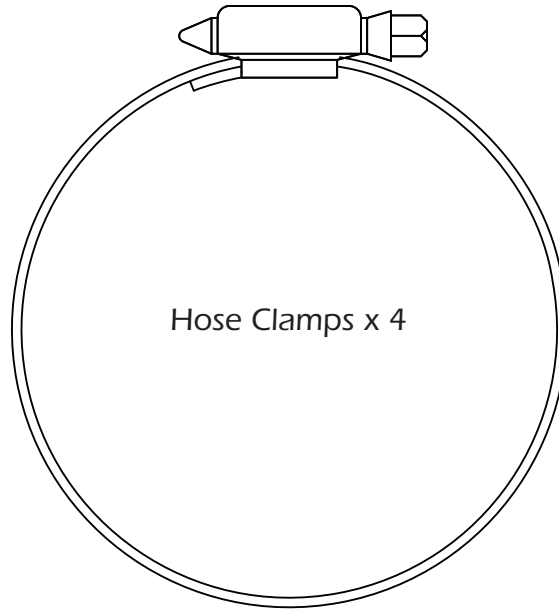
PLEASE NOTE: Every effort is made for Vance and Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation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



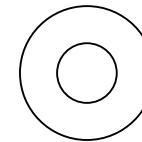
PACKING LIST

MORE POWER : LESS NOISE

ALL PARTS SHOWN ARE ACTUAL SIZE



5/16 x 1 1/4" Hex Head Bolt x 4



5/16 Washer x 4

PARTS NOT SHOWN:

- | | |
|---------------------|-----|
| D790RC Muffler Body | x 2 |
| D790HC Heat Shield | 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.