

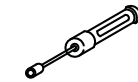
MORE POWER : LESS NOISE



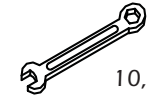
Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style. Please follow the installation instructions below and if you have any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

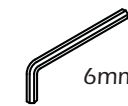
TOOLS
REQUIRED



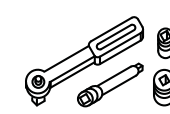
Flat Blade Screwdriver



10,12mm, 7/16 wrench



6mm Allen Wrench



3/8" Ratchet & extensions
10mm, 12mm,
7/16" Deep

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

STOCK EXHAUST
SYSTEM REMOVAL

1. Loosen the 2 cap screws on each of the muffler clamps.
2. Remove the mounting bolt securing the muffler to the mounting bracket located under the rear bags. **NOTE:** Muffler should be supported when this bolt is removed
3. Carefully remove the mufflers from the vehicle.
4. Check condition of the knitted wire mesh exhaust seals (OEM#18392-MAM-000) and replace if worn or damaged. **NOTE:** The exhaust seal may stick to either the header outlet or the inside of the muffler inlet. In either case, carefully remove the seal, examine and set aside for re-use or replacement.
5. Remove the black rubber bushing from the bayonets of the OEM muffler (**Figure 1**) and save for reuse. **NOTE:** The bushings may remain in the slots on the OEM heat shield, if so carefully remove them. The tab on the bushings go in just as on the OEM install.

FIGURE 1

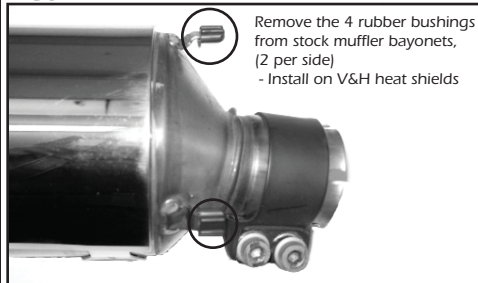
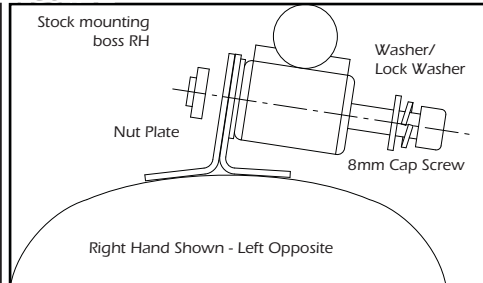


FIGURE 2



1. Remove the muffler bodies from their packaging. Place each muffler on a non-abrasive surface such as a blanket or carpet.
2. Install the black rubber bushings on the new heat shields.
3. Install T-Bolt band clamp over the inlet tube on each muffler so the the body of the clamp faces the motorcycle and the nut is down.
4. Install exhaust seal onto the OEM header until the seal bottoms out on the stop.
5. Carefully install the muffler onto the exhaust header (using care not to damage exhaust seal), and make sure the rubber bushings installed on the heat shield engage the slots on the OEM heat shield.
6. Install the 8mm capscrew, flat washer and lock washer through stock mounting location and the muffler mounting bracket, install the nut plate (flat side to muffler bracket) into the slot on the muffler bracket. **(Figure 2)** Do not tighten 8mm capscrew at this time.
7. Adjust muffler bodies such that the brackets are in the center of available adjustment (Front to Rear).
8. Repeat for other muffler body.
9. Looking from the rear of the motorcycle, align the muffler bodies and tighten the T-Bolt band clamps to hold muffler alignment. **NOTE:** Assistance may be required to hold alignment while the T-bolt clamp is tightened.
10. Make sure the nut plate is fully seated in the pocket of the muffler bracket and tighten the supplied capscrew.
11. If necessary loosen the 10mm bolt and adjust the OEM heat shield to insure proper alignment. **NOTE:** Access to this bolt may require loosening or removal of the covering body panels (Consult OEM service manual for details). **NOTE:** Any residue, oil, or fingerprints will stain the chrome finish. Do NOT use anything abrasive to clean the pipes as it may remove the finish. (Exhaust Care info below)
12. Be sure to tighten all hardware before starting motorcycle.

EXHAUST CARE - HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST SYSTEM

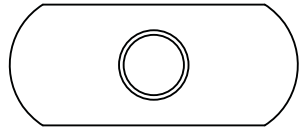
1. When installing a new set of pipes, make sure your hands are clean and free of oil. After installation, thoroughly clean pipes with warm soapy water and a soft cloth. Dry with clean towel to remove any residue before starting the motorcycle. Do NOT use anything abrasive to clean pipes.
2. Avoid long 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.

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, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

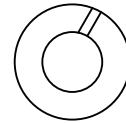
PACKING LIST

MORE POWER : LESS NOISE

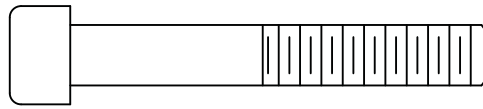
ALL PARTS SHOWN ARE ACTUAL SIZE



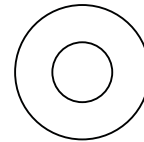
8mm Nut Plate x 2



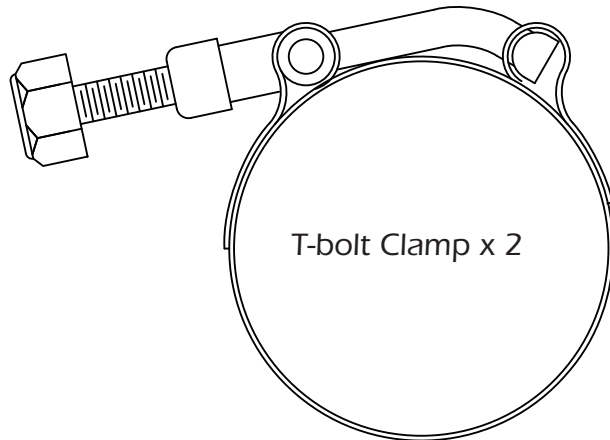
5/16 Lock Washer x 2



8mm x 55mm socket head capscrew x 2



5/16 Flat Washer x 2



T-bolt Clamp x 2

PARTS NOT SHOWN:

H670RC	Right Muffler Body	x1
H671RC	Left Muffler Body	x1
H670HC	Right Heat Shield	x1
H671HC	Left Heat Shield	x1

WARRANTY

Vance & 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. Vance & Hines 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.

**13861 ROSECRANS AVENUE / SANTA FE SPRINGS, CA 90670
SALES: (562) 921-7461 / TECHNICAL: (562) 926-5291 / FAX: (562) 802-0110
VANCEANDHINES.COM**