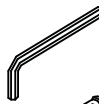




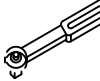




Congratulations, you have purchased the finest exhaust system for your motorcycle on the market. Your Vance & Hines exhaust system is designed and crafted for maximum performance, a perfect fit, a great sound and unbeatable style. Please follow the installation instructions below and if you have any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

-  5mm Allen
-  5/16 Nutdriver
-  17mm & 1/2" Combination wrenches
-  Flat blade screwdriver
-  3/8" Extension, 12 and 14mm sockets, 15mm deep socket
-  3/8" Drive ratchet

**READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION**

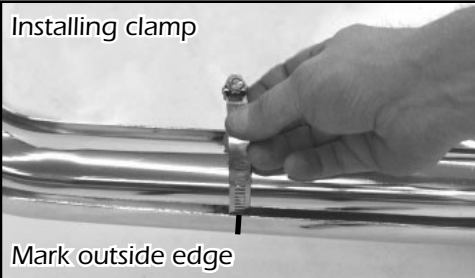
**STOCK EXHAUST  
SYSTEM REMOVAL**

1. If equipped, loosen right side driver floorboard to ease exhaust system removal and installation.
2. On European models or those equipped with O2 sensors, remove seat and right side cover.
3. On European models disconnect front and rear O2 sensors at connectors.
4. Locate the four 10mm bolts holding the header to the bracket and remove using a 12mm socket.
5. Remove the four nuts retaining the headers to the cylinder heads. Carefully remove the stock exhaust system as one unit from the motorcycle. **NOTE:**

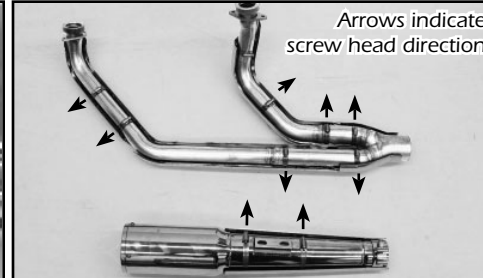
Assistance may be required.

6. Remove the four bolts retaining the stock upper and lower brackets and save the two upper bracket bolts. Both stock brackets are not re-used. (Upper bolts shown in figure 3)
7. Check the stock exhaust gaskets to be sure they are in good condition. If you have any doubts as to their condition, replace them.

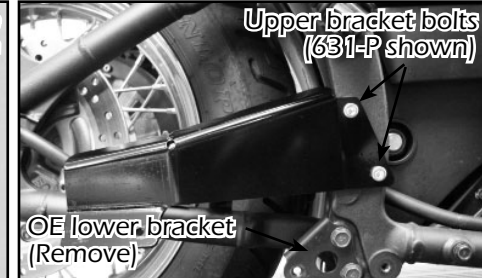
**FIGURE 1**



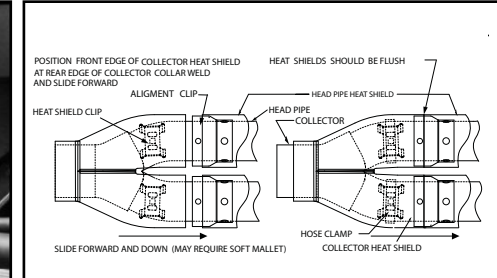
**FIGURE 2**



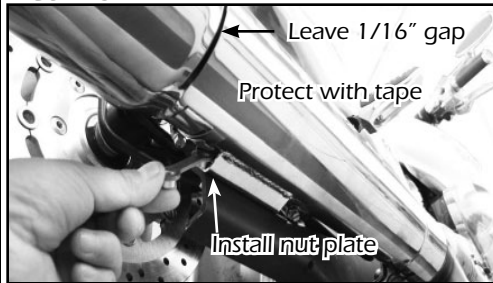
**FIGURE 3**



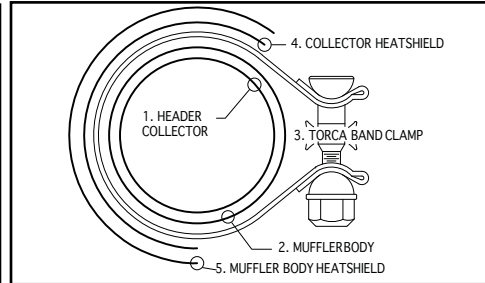
**FIGURE 4**



**FIGURE 5**



**FIGURE 6**



1. On European models remove O2 sensors from stock headers. Using a small amount of antiseize compound, install the O2 sensors into the original front and rear placement in new headers and tighten. On non-O2 equipped models install O2 sensor plugs with copper washers.
2. Using a soft blanket or towel remove heat shields from protective packaging and lay face down. Mark heat shield clip locations using a felt tip pen. (Figure 1)
3. Carefully lay header into heat shields. Install and loosely tighten #20 hose clamps on the upper ends of the headers and #28 hose clamps in the two lower collector end positions. (Figure 2)
4. Using the OE bolts saver earlier, install bracket into the original location of the upper bracket. (Figure 3)
5. Install header into exhaust ports and reuse the original cap nuts. Leave finger tight at this time.
6. Install Torca band clamp onto end of muffler body, nut facing down.
7. Install muffler assembly onto rear of header assembly. (Figure 6)
8. Slide the nut plate (supplied) into the bracket that is welded to the back side of the muffler. Loosely install two 5/16" flange head bolts (supplied) (Figure 5).
9. Install collector heat shield onto header by sliding it on from the rear (Figure 4). NOTE: Do not force collector heat shield directly onto header from the side. Damage to collector heat shield will result. Attach collector heat shield with two #28 hose clamps (supplied). NOTE: Do not tighten at this time.
10. Slip the muffler body heat shield (stamped D734HC) from front to back onto the muffler body (stamped S732RC) (Figure 2) and secure with a #44 hose clamp in the front and a #56 hose clamp in the rear. (Figure 2) NOTE: Use a low tack tape (painters tape or equivalent) to protect the transition on the muffler body (S732RC) between tapered section and 5" round end section (Figure 5). Do not tighten at this time.
11. Tighten the exhaust port flange nuts, the torca band clamp and muffler bolts.
12. Tighten hose clamps securing header heat shields and collector heat shield making sure that they are flush. (Figure 4)
13. Tighten muffler body heat shield and leave about 1/16" even gap on the rear between heat shield and muffler body (Figure 5).
14. If equipped, tighten driver floor board securely.
15. Be sure to tighten all hardware before starting your motorcycle.
16. After installation and before starting motorcycle, remove protective tape and 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.**

### 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.

### VANCE & HINES OPTIONAL ACCESSORIES

**FUELPAK**



**FUEL MANAGEMENT:**

Take the guess work out of fuel injection with Fuelpak Fuel Management. Contact your local dealer or call (562) 921-0071 to order. Visit [fuelpakfi.com](http://fuelpakfi.com) for more information.

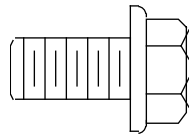
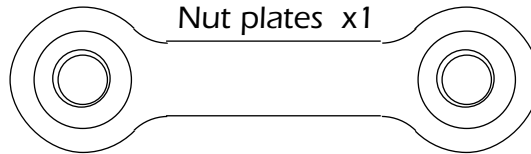
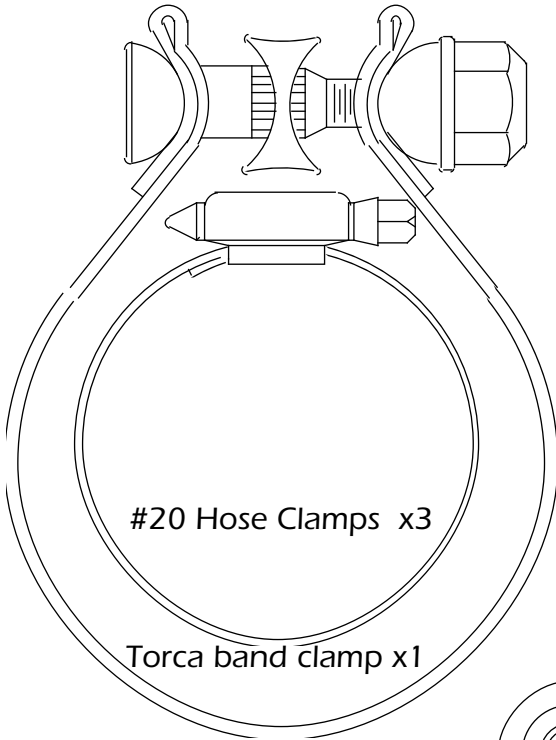
Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.

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.

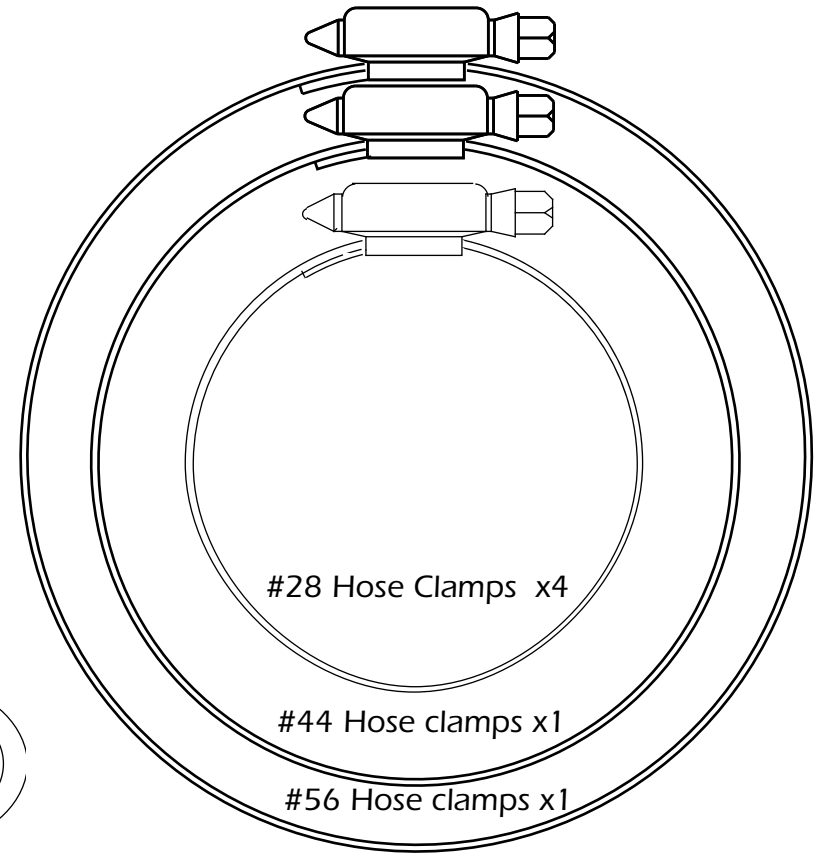
**PACKING LIST**

**MORE POWER : LESS NOISE**

ALL PARTS SHOWN ARE ACTUAL SIZE



5/16" x 5/8" Flange Bolt x2



**PARTS NOT SHOWN:**

631-P	Bracket	x1
K380FC	Header	x1
K380HC	Front Heat Shield	x1
K381HC	Rear Heat Shield	x1
S732RC	Muffler Body	x1
A200HC	Collector Heat Shield	x1
D734HC	Muffler 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.

## 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.**

Fuel injected motorcycles are 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. For more information visit the tuning center at [fuelpakfi.com](http://fuelpakfi.com)

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.



**MORE POWER : LESS NOISE**

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**SALES: (562) 921-7461 / TECHNICAL: (562) 926-5291 / FAX: (562) 802-0110**  
**VANCEANDHINES.COM**