

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.

BEFORE YOU BEGIN

- Make sure your bike is on a flat and stable surface before beginning this install.
- Before you start work make sure you have protective clothes and eyewear.
- You will need the following tools to perform the installation:
 - 10, & 12mm sockets and ratchet
 - 10 & 12mm Combination wrenches
 - 4 & 6mm Allen wrench

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

STOCK EXHAUST SYSTEM REMOVAL

1. On left and right side, loosen and remove three nuts that hold stock mufflers to mid-pipe (Figure 1).
2. Starting on right side, loosen and remove stock nut and bolt that holds the muffler to the foot-peg. NOTE: Take care not to let the muffler drop against the swingarm as they are quite heavy.
3. Repeat step two for left side.
4. Locate OE gaskets that go between stock mufflers and mid-pipes. (Save for reuse.)
5. Remove the steel inserts and the rubber grommets from the mount locations on the left and right passenger footpeg hangers. NOTE: Spraying a little contact or brake cleaner on the rubber will soften it up for a few seconds while you push out the inserts and grommets. The steel inserts and rubber grommets will not be re-used and will be replaced by aluminum spacers in this application.

VANCE & HINES OPTIONAL ACCESSORIES

FUELPAK



Take the guess work out of fuel injection with Fuelpak Fuel Management. Visit fuelpakfi.com for more information and to find out if your application is supported. Contact your local dealer or call (562) 921-0071 to order. Fuelpak is intended for racing or off-highway use only, and is not legal for sale or use in California on pollution-controlled vehicles.

SPARE PARTS & ACCESSORIES

1. 1 - 1/2" Sound lowering Right Insert P/N: A180SN-R
2. 1 - 1/2" Sound lowering Left Insert P/N: A181SN-R
3. 1 - 5/8" Sound lowering Right Insert P/N: A175SN-R
4. 1 - 5/8" Sound lowering Left Insert P/N: A176SN-R
5. 1 - 7/8" Sound lowering Right Insert P/N: A165SN-R
6. 1 - 7/8" Sound lowering Left Insert P/N: A166SN-R
7. 1 - 3/4" Sound lowering Right Insert P/N: A170SN-R
8. 1 - 3/4" Sound lowering Left Insert P/N: A171SN-R
9. Muffler Re-Pack P/N: A232FG-R

FIGURE 1



FIGURE 2



FIGURE 3



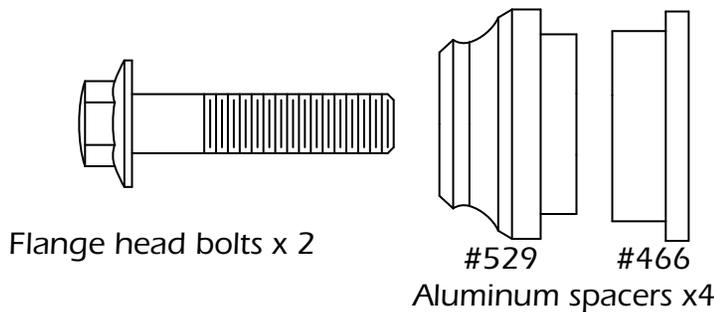
FIGURE 4



1. Remove the Vance & Hines CS1's from the packaging.
2. Align the left muffler body flange with the OE flange, place OE gaskets between them and feed three M8 socket cap screws through the OE flange into the threaded muffler body flange, finger tighten. (Figure 2)
3. Install the rubber isolator straps onto the band clamp.
4. Slide the band clamp assembly over the muffler body, and align to the passenger footpeg hanger. NOTE: Be sure that the rubber isolator strap is properly engaged onto the band clamp to prevent scratching the muffler finish.
5. Place the #466 spacer to the inside of the right footpeg bracket, and the #529 spacer to the outside. While holding the muffler body in position, place the provided M8 flange bolt through the front and rear spacers and attach re-using the OE nut, finger tighten.
6. Repeat steps 2-5 for the right side muffler assembly.
7. Align and tighten the muffler bodies and band clamps so that all the parts are even and the mufflers are aligned when viewed from the rear of the motorcycle. NOTE: To adjust fitment, it may be necessary to rotate the tail pipes or mufflers independently until proper alignment of the mufflers is achieved.
8. Be sure to tighten all hardware before starting your motorcycle.
9. After installation and before starting the motorcycle, completely clean tail pipes and mufflers with warm soapy water and a clean soft cloth that will not leave residue. Dry with a clean towel. NOTE: Any residue, oil, or fingerprints will tarnish the stainless steel when the exhaust system heats up. Do NOT use anything abrasive to clean black mufflers as it may remove the finish.

PACKING LIST

Spacer with square back fits on the the inside of the footpeg toward the swingarm



PARTS NOT SHOWN:

465	Band clamp	x 2
A394HW	Isolator strap	x 2
A160SN	2" Right insert (in muffler)	x 1
A161SN	2" Left insert (in muffler)	x 1

WARRANTY

All of our exhaust systems are warranted against defects in material and/or workmanship for a period of 90 days. This warranty shall be limited to the repair or replacement of the system, which may be proven defective under normal use. We will not warranty any system that has been abused, misused, improperly installed, or modified. Failure to follow muffler packing instructions and maintenance will also not be covered under warranty.