

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 you 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, 11 & 12mm sockets and ratchet
 - 10 & 12mm Combination wrenches
 - 4mm Allen wrench
 - Spring pulling tool

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

**STOCK EXHAUST
SYSTEM REMOVAL**

1. On the right hand side of the motorcycle, remove the Allen bolt holding the rear of the fairing to gain clearance to the tail pipe clamp (Figure 1).
2. Loosen the two tail pipe clamps, one on each side of the motorcycle.
3. Loosen and carefully remove the muffler mount bolts and mufflers. NOTE: Take care not to let the mufflers drop against the swingarm as they are quite heavy.
4. If gaskets remain on the stock head pipe remove them. As they will not be re-used in this application.
5. Remove the steel inserts and then 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 - 7/8" Sound lowering Right Insert P/N: A165SN-R
2. 1 - 7/8" Sound lowering Left Insert P/N: A166SN-R
3. 1 - 3/4" Sound lowering Right Insert P/N: A170SN-R
4. 1 - 3/4" Sound lowering Left Insert P/N: A171SN-R
5. Muffler Re-Pack (2 required per system) P/N: A232FG-R

FIGURE 1

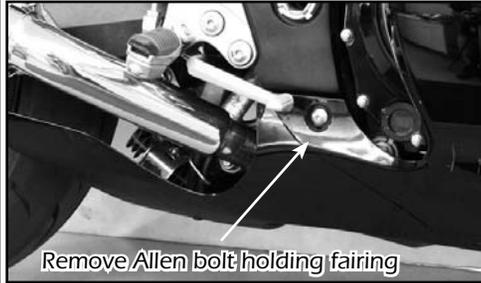


FIGURE 2

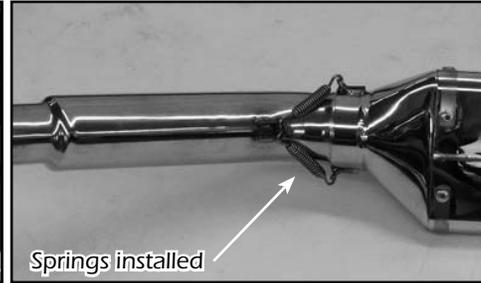


FIGURE 3

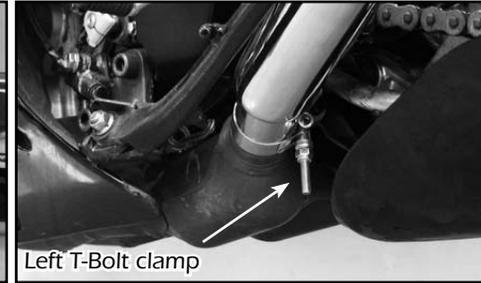
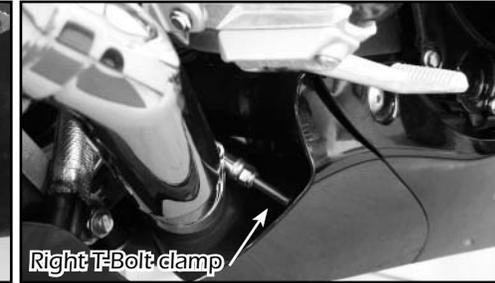


FIGURE 4



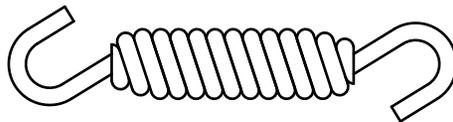
VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Remove the Vance & Hines CS1 Slip-on's from the packaging.
2. Install the tail pipes onto the mufflers and attach the springs. NOTE: There is only one spring clip to the back side of each tail pipe, both springs mount to it (Figure 2). Be sure that you have the left tail pipe (with clearance dent for chain) on the left muffler and vice versa.
3. Install the T-Bolt clamp over the front end of the left tail pipe in such a way that when the threaded T is mounted to the inside of the pipe it points down towards the ground (Figure 3).
4. Install the rubber isolator straps onto the band clamps.
5. Install the left muffler and tail pipe onto the motorcycle and loosely attach to the outside of the passenger footpeg hanger using the stock nut, one of the provided band clamps, two aluminum spacers and a flange head bolt. NOTE: Be sure that the rubber isolator strap is properly engaged onto the band clamp to prevent scratching the muffler finish.
6. Install the T-Bolt clamp over the front end of the right tail pipe in such a way that when the threaded T is mounted to the top side of the pipe it points out towards the fairing (Figure 4).
7. Install the right muffler and tail pipe onto the motorcycle and loosely attach to

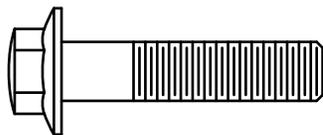
- the outside of the passenger footpeg hanger using the stock nut, one of the provided band clamps, two aluminum spacers and a flange head bolt. NOTE: Be sure that the rubber isolator strap is properly engaged onto the band clamp to prevent scratching the muffler finish.
8. Align and tighten the muffler 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.
9. Rotate and tighten the T-Bolt clamps so that they are as hidden as possible and are not going to contact any moving suspension linkage parts.
10. Be sure to tighten all hardware before starting your motorcycle.
11. 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

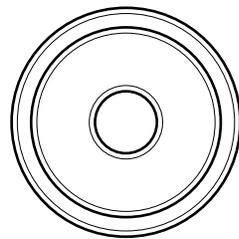
ALL PARTS SHOWN ARE ACTUAL SIZE



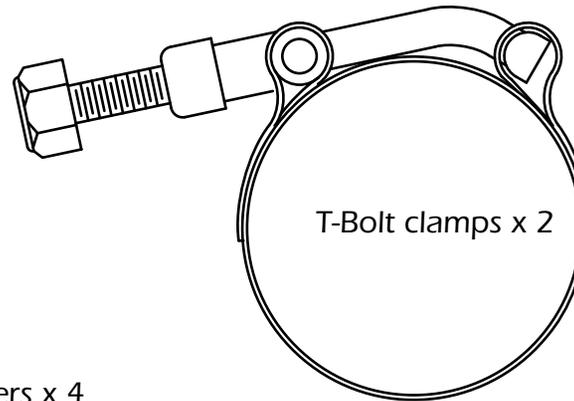
Springs x 4



Flange head bolts x 2



Aluminum spacers x 4



T-Bolt clamps x 2

PARTS NOT SHOWN:

S815RB	Right tail pipe	x 1
S816RB	Left tail pipe	x 1
465	Band clamp	x 2
A394HW	Isolator strap	x 2
A160SN	2" Right insert (in muffler)	x1
A161SN	2" Left insert (in muffler)	x1

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.