



SOFTAIL 2 into 1 Pro Pipe Exhaust System Part #16521

Congratulations, you have purchased the finest exhaust system available for your motorcycle. 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, feel free to call our technical help line (562) 926-5291.

REMOVING THE STOCK EXHAUST SYSTEM

1. Loosen the heat shield clamps on both front and rear exhaust pipes.
2. Loosen the crossover pipe clamp, located between the front and rear head pipes.
3. Remove the two mounting nuts from each head pipe, located at the cylinder head.
4. Remove the two nuts from the back side of each muffler.
5. Remove the entire exhaust system and set it aside.
6. Carefully remove the flanges and circlips from the stock exhaust system using snapping pliers.
Note: If circlips look bent or twisted replace them.
7. Remove the two bolts that hold the front muffler mounting bar to the frame.
Note: FLSTN, FLSTF models require the removal of the stock exhaust system mounting bar. For removal: Remove the right passenger foot peg bolt. Position the motorcycle on it's side stand with a floor jack under the swing arm pivot bolt on the right hand side. Raise the jack just enough to take the weight off the pivot bolt and remove the bolt and stock mounting bar. Replace the pivot bolt and torque it between 120 -150 ft. lbs.
8. Reinstall the foot peg bolt using the 1/2" x 3" bolt and spacer tube (both supplied). Tighten the bolt making sure the foot peg folds in the proper direction.

INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

Note: For easier installation on models with floorboards, it will be necessary to loosen the right side floorboard.

1. Check the stock exhaust gaskets to be sure they're in good shape. If you have any doubts as to their condition, replace them.
2. Unscrew all of the hose clamps (supplied) until they are completely loose. Feed the tail end of the hose clamp into the clips on the inside of each heat shield. **Note:** The screw end of the hose clamp should be accessible, but not visible when pipe is mounted on the motorcycle.
3. Install the circlips and flanges from the stock system onto both new head pipes.
4. Install the header using the stock nuts, but leave them loose at this time.
5. Install the new mounting bracket to the frame below the right rear foot peg, using the two 3/8"x 3/4" flange bolts (supplied), and tighten.
6. Slide the dog bone shaped nut plate under the bracket that is welded to the backside of the muffler.

7. Slip the muffler onto the collector of the header and attach the muffler to the mounting bracket using the two 5/16" bolts (supplied), leave them loose at this time.
8. Tighten the header flange nuts evenly. Do not over tighten.
9. Tighten the two 5/16" flange bolts at the muffler bracket.
10. Install the front and rear heat shields, be sure the heat shields are flush against the collector. Tighten the hose clamps evenly.
11. Tighten the floorboard mounting bolts.
12. **Be sure to tighten all hardware before starting your motorcycle.**

RE-JETTING INSTRUCTIONS

Re-jetting the carburetor will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of Vance & Hines Fuelpak part number 61001.


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.

WARNING!
VANCE & HINES DOES NOT WARRANTY ANY CHROME PRODUCTS AGAINST DISCOLORATION.

Option

On fuel injected models this system will work with Vance & Hines Fuelpak part number 61001. Order it today from your dealer or go to vanceandhines.com for more information.



The logo for Vance & Hines Fuelpak Fuel Management System features a stylized fuel gauge with a needle pointing to the 5 mark. The gauge has numbers 1 through 8. Below the gauge, the word "Fuelpak" is written in a large, bold, italicized font with a red outline. Underneath "Fuelpak", the words "FUEL MANAGEMENT SYSTEM" are written in a smaller, all-caps font.

For information on other Vance and Hines products visit our web site at <http://www.vanceandhines.com>