



## DYNA Shortshot Exhaust System Part #17205

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! **Important:** Read the installation instructions carefully before you begin removing any parts from your motorcycle 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. Remove the two mounting nuts from each head pipe, located at the cylinder head.
3. Remove both front and rear head pipe clamp bolts.
4. Remove the entire exhaust system and set it aside.
5. Carefully remove the flanges and circlips from the stock exhaust system using snapping pliers.  
**Note: If circlips look bent or twisted replace them with new circlips.**
6. Remove the rear head pipe clamp bracket from around the transmission cover.
7. Remove the two bolts directly under the transmission cover. Refer to figure 1.

### INSTALLING YOUR NEW VANCE & HINES EXHAUST SYSTEM

1. Locate the head pipe mounting bracket (stamped #245). Mount the bracket to the engine case below the transmission cover using the two 5/16" x 1 1/2" bolts and flat washers (supplied). Refer to figure 1. Tighten the two bolts at this time.
2. Check condition of stock exhaust gaskets. Replace if worn. Vance & Hines recommends you replace your gaskets with Screamin' Eagle gaskets, part number 17048-98.
3. 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 both heat shields. **Note:** The screw end of the hose clamp should be accessible, but not visible when pipe is mounted on the bike.
4. Carefully spread open the head pipe clamp (supplied) just enough to slide it onto the exhaust port end of the front head pipe.
5. Install the circlips and flanges from the stock system onto both of the new head pipes.
6. Place the front head pipe into the heat shield, wrap the hose clamps around the head pipe and give the screw three to four turns, leaving heat shield loose on the head pipe. Repeat this step with the rear head pipe.
7. Install the front head pipe into the exhaust port using the stock nuts, leaving them loose at this time.
8. Install the front head pipe clamp to the engine where the stock clamp mounted using the 3/8" bolt, nut and two washers (supplied) but leave them loose at this time.
9. Slide one dog bone shaped nut plate under the bracket that is welded to the backside of the head pipe and attach the pipe to the mounting bar using two 5/16" flange head bolts (supplied), leave them loose at this time.
10. Install the rear head pipe using the stock nuts, leaving them loose at this time.

11. Slide one dog bone shaped nut plate under the bracket that is welded to the backside of the head pipe and attach the pipe to the mounting bracket using two 5/16" flange head bolts (supplied), leaving them loose at this time.
12. Align the pipes so they are parallel when viewing from the right side of the bike. Tighten the 5/16" flange bolts on both head pipes.
13. Tighten the two nuts at the exhaust port on both the front and rear head pipes.
14. Tighten the bolt on the front head pipe clamp.
15. Rotate the hose clamps on both heat shields so they're accessible with a screw driver and tighten each of them evenly.
16. Be sure that the ends of the heatshields meet flush with the baffle endcaps at the end of the pipes. Adjust the baffle endcaps and/or heat shields so they match flush where the two parts meet. A small amount of adjustment can be made by loosening the baffle bolt on the backside of the head pipes and move the baffle in or out.
17. **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 61005.

**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.

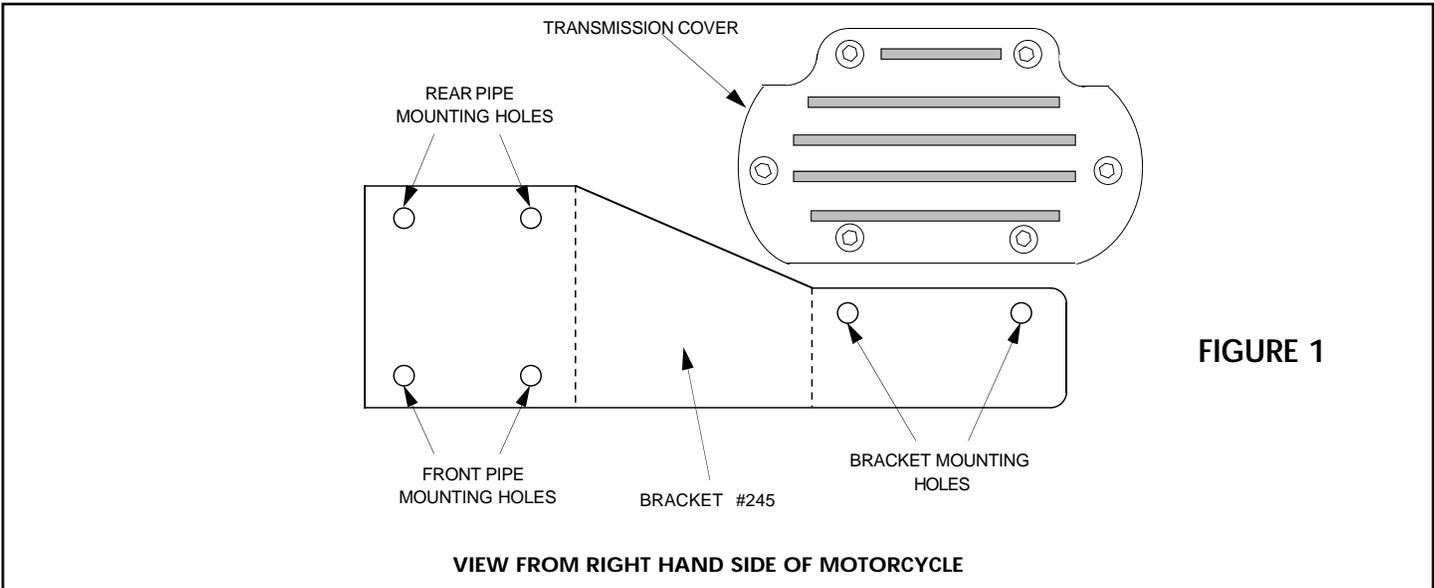
Option

On fuel injected models this system will work with Vance & Hines Fuelpak part number 61005. Order it today from your dealer or go to [vanceandhines.com](http://vanceandhines.com) for more information.



**WARNING!**

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



**FIGURE 1**