



## Sportster Sideshots Exhaust system Part #26011

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.

**Attention Installer:** (if other than owner): Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.



### STOCK EXHAUST SYSTEM REMOVAL

1. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the head pipe mounting nuts.
2. Remove the two head pipe mounting nuts from each flange, located at the cylinder head.
3. Remove the clamp bolt which mounts the rear head pipe to the belt drive cover bracket.
4. Remove the two bolts from each muffler body which

### Tools required for installation:

Wrenches - 9/16" and 1/2"  
Ratchet, 3/8" drive and 9" extension  
Torx sockets - T30  
Sockets - 9/16" and 1/2"  
3/16" & 5/16" Allen wrench  
5/16" Nutdriver/flat blade screwdriver  
Snapping pliers

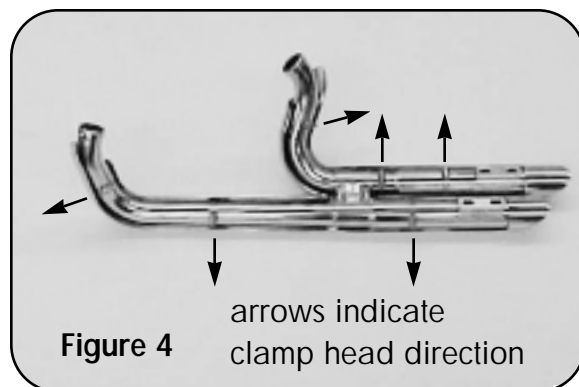
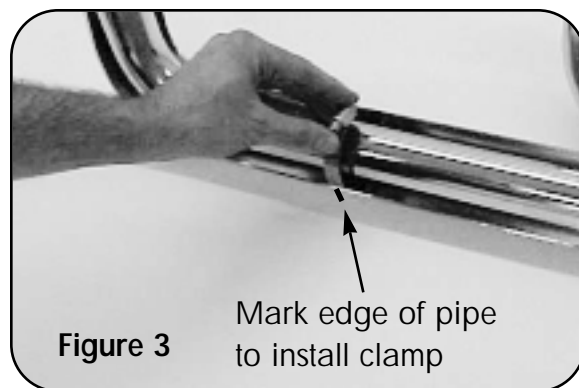
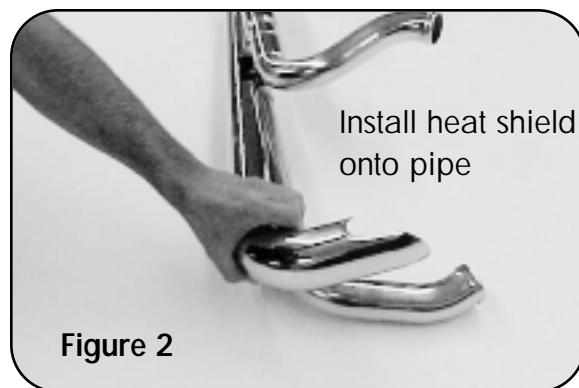
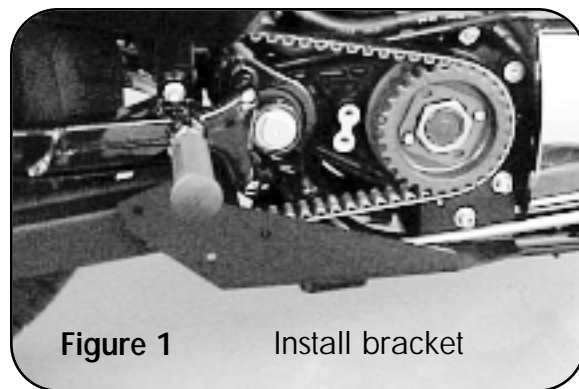
attach the muffler bodies to the mounting bar and carefully remove both exhaust pipes from the motorcycle.

5. Remove the drive belt cover and take the bracket off the rear cover bolt, it will not be re-used.
6. Loosen the brake rod at the rear eyelet using a T30 Torx driver.
7. Remove the exhaust mounting bar, saving the three mount bolts and washers for re-use.
8. Using snapping pliers, carefully remove the flanges and circlips from the stock exhaust system. Save for re-use.

**Note: If circlips look bent or twisted replace them with new circlips.**

### VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Check condition of stock exhaust gaskets. Replace if damaged or worn. Vance & Hines recommends you replace your gaskets with Screamin' Eagle gaskets part number 17048-98.
2. Re-install brake rod eyelet using blue thread locking compound (Loctite® 243). Torque to 120-180 In/Lbs. (Figure 1).
3. Install and tighten supplied mounting bracket (stamped 374-P)(Figure 1) using stock washers and one stock bolt. Install stock bolt and one washer in upper hole, and 3/8" x 1" hex bolt and washer in lower hole. Torque to 30-33 Ft/Lbs.
4. Re-install drive belt cover. Torque the 3/8" bolt to 30-33 Ft/Lbs. and the two 1/4" bolts to 80-120 In/Lbs.
5. Remove header pipes and heat shields from protective packaging. Place each heat shield on a non-abrasive surface such as a blanket or carpet. Using a felt tip pen, mark outside edge of each heat shield to show location of mounting clips where hose clamps will loop through (Figure 3).
6. Lay heat shields onto head pipes (Figure 2) and loosely install hose clamps by feeding tail end of clamp into heat shield clips (Figure 3). Take note of screw head direction (Figure 4). Screw heads should be accessible when system is installed on motorcycle for adjustment purposes. Use #20 hose clamps on head pipes and #28 hose clamps on muffler bodies.
7. Install circlips and flanges from the stock system onto both new head pipes.
8. Using stock flange nuts, carefully install head pipes into exhaust ports (Assistance may be required). **Note:** Do not tighten at this time.



9. Slide nutplates inside brackets welded to backside of muffler bodies (Figure 5). While holding nut plates in place, attach muffler bodies to mounting bracket 374-P using four 5/16" x 5/8" flange head bolts (supplied). Leave them loose at this time.
10. Tighten cylinder port exhaust flange nuts on front and rear cylinders.
11. Tighten the flange bolts on both mufflers.
12. Tighten all heat shield clamps. **Note:** muffler bodies should protrude from heat shields by 1/4" (Figure 6).
13. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
14. **Be sure to tighten all hardware before starting motorcycle.**

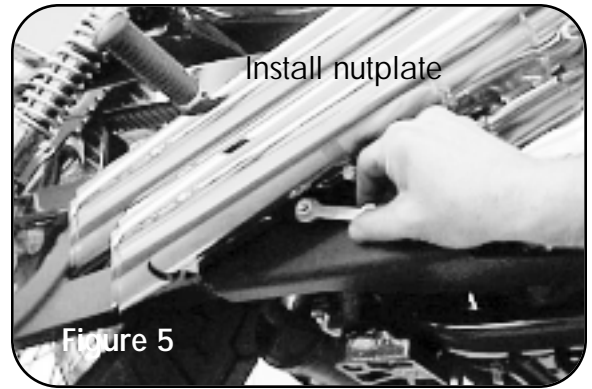


Figure 5

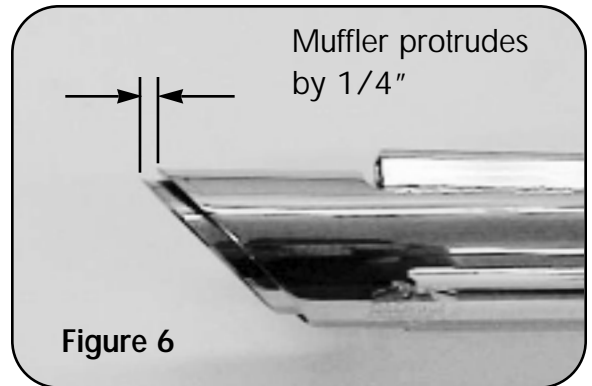


Figure 6

### RE-JETTING INSTRUCTIONS

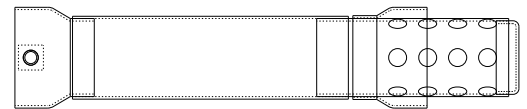
Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications.

### PLEASE NOTE:

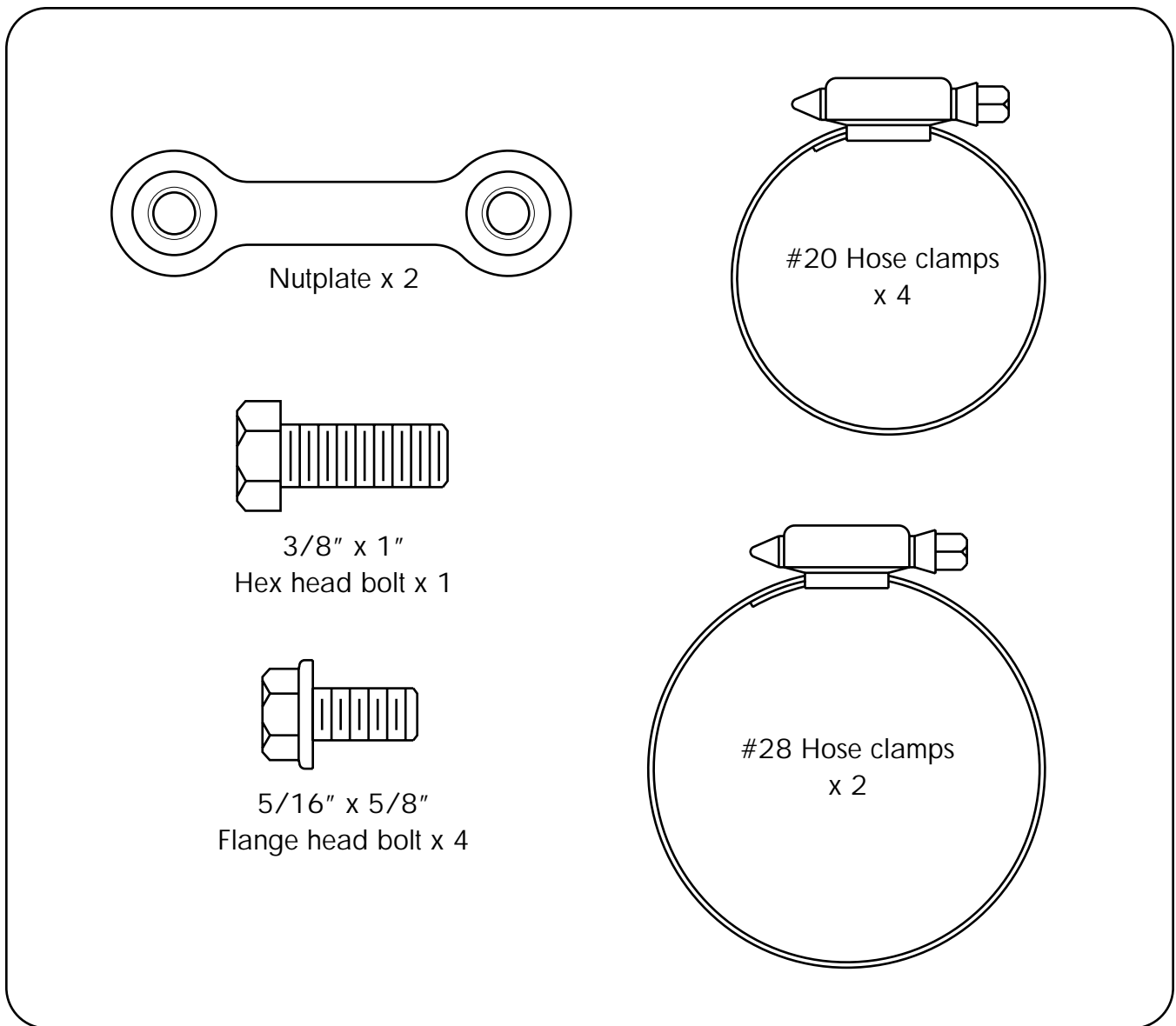
Every effort is made for Vance & Hines Exhaust Systems to provide improved cornering clearance. However, due to design and space limitations on some motorcycle models, ground and cornering clearance may not be improved and in some cases may be reduced. Be sure to follow proper installation instructions.

### Option

Vance & Hines also offers Quiet baffles for this system, part number 21301. This will lower the sound level 2-3db on average. Order it today from your dealer or go to [vanceandhines.com](http://vanceandhines.com) for more information.



**PACKING LIST (All parts actual size)**



**HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST PIPES**

1. Follow owner's manual instructions regarding use of the choke (starter enricher). If left on longer than recommended, discoloration may be accelerated.
2. Avoid long periods of idling.
3. Intake leaks can cause engine to run lean and overheat, thus turning the pipes blue.
4. Make sure there are no exhaust leaks at the junction of the exhaust pipe and cylinder head.
5. 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 cleaning solvent that will leave no residue (glass cleaner, alcohol, ammonia, etc.) before starting the motorcycle.

**WARNING!**

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

For information on other Vance & Hines products visit our web site at [www.vanceandhines.com](http://www.vanceandhines.com)