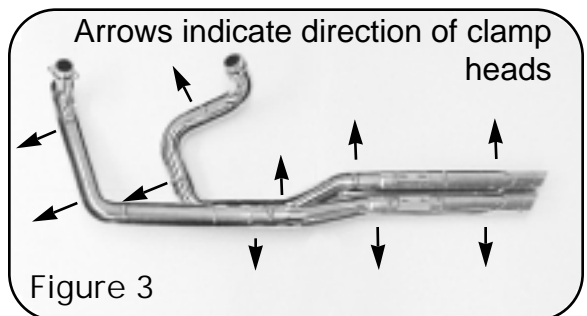
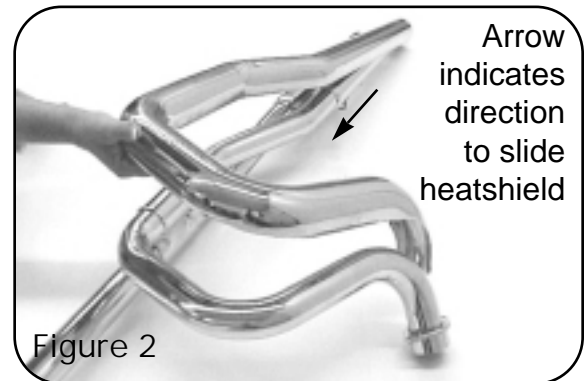
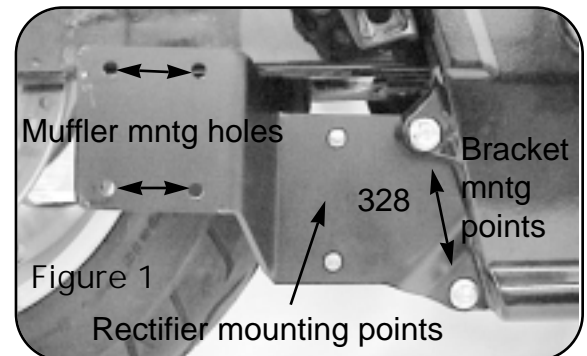


CONGRATULATIONS! You have purchased the finest exhaust system available for your motorcycle. Your VANCE & HINES exhaust system is designed for today's rider, a rider who needs maximum performance, great styling and a perfect fitting system. Please follow the installation instructions below and if you have any questions, feel free to call our technical help line (562) 926-5291.

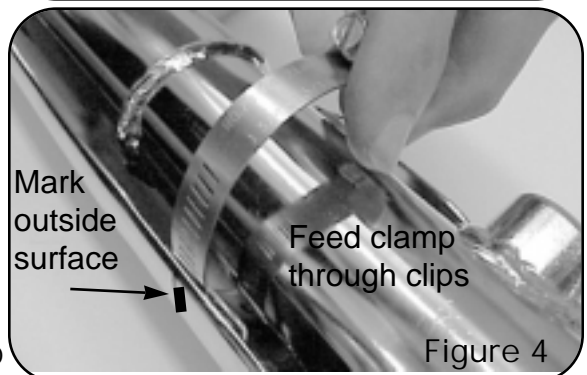
STOCK EXHAUST SYSTEM REMOVAL

1. Remove right side frame cover.
2. If motorcycle is oxygen sensor equipped, locate and unplug connector(s). Remove wire tie (take note of harness routing for reassembly). Remove sensor(s) from exhaust system.
Note: Use caution when handling. Do not handle sensor tip area, store in a safe dry place for reassembly.
3. Remove allen head screw, holding rear brake master cylinder reservoir and cover.
4. Remove footpeg flange head bolts. Carefully lower right foot peg assembly, with rear brake reservoir attached.
Note: Use caution when handling brake line.
5. Remove exhaust port flange nuts.
6. Remove flange bolts securing rear muffler mount to exhaust system mounting bar.
7. Remove complete exhaust system. Start by removing front head pipe from exhaust port (assistance may be required).
8. Remove rectifier from mounting bar.
9. Remove stock (cast iron) exhaust system mounting bar.

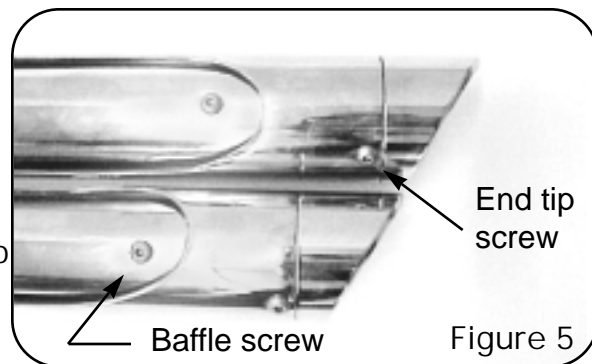


VANCE & HINES EXHAUST SYSTEM INSTALLATION

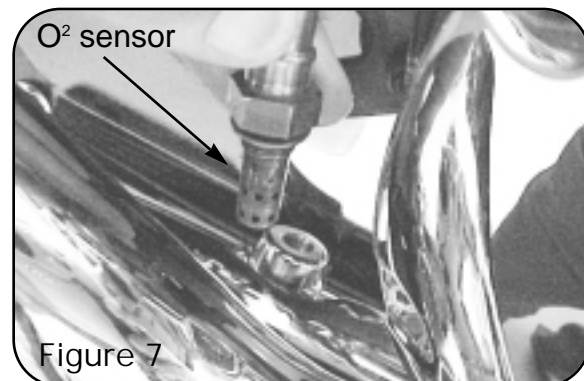
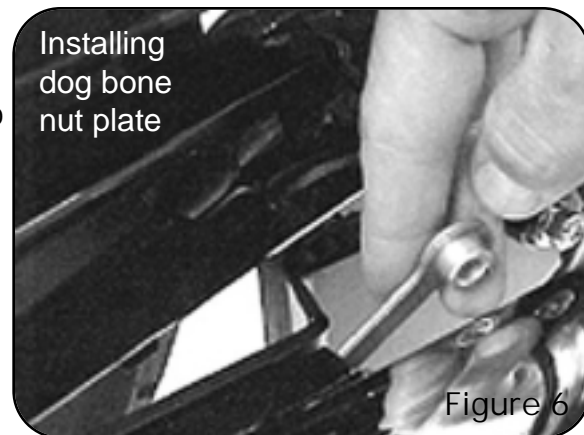
1. Check condition of stock exhaust gaskets. Replace if damaged or worn.
2. Install and tighten supplied mounting bracket (stamped 328-P) in the original mounting bar location, using one M10x35 flange bolt and nut on top (supplied) and one M10x20 flange bolt on bottom (supplied) (Figure 1).
3. Install and tighten rectifier using M6x30 flange bolt and nut combinations (supplied).
4. Place heat shields on a non-abrasive surface such as a blanket or carpet. Mark outside surface of front and rear heat shields with location of mounting clips that are welded to the inside using a felt tip marker (Figure 4).
5. Install each heat shield over its respective head pipe (Figure 2). End tip removal may be necessary.
6. Reinstall end tips if removal was necessary. Each end tip



must engage both muffler body and heat shield. Align end tip screw holes w/heat shields. Install and tighten 1/4-20 button head allen screws (supplied). Removable thread locking compound is recommended on end tip screws. Note: Align heat shield openings so baffle screws are accessible (Figure 5).



7. Install each hose clamp by feeding tail end of clamp into heat shield clip. Take note of clamp screw head direction (Figures 3 & 4). Screw head should be accessible when system is installed on motorcycle for adjustment purposes. Use #20 hose clamps for head pipe areas and #28 hose clamps for muffler areas. Note: Prior to tightening hose clamps, align end caps so that slash ends are even (Figure 5).
8. Tighten all hose clamps securing heat shields.
9. Carefully install system into exhaust ports (rear port first) using stock flange nuts. Assistance may be necessary. Slide dog bone shaped nut plate (supplied) inside each bracket welded to backside of mufflers (Figure 6). Attach mufflers to mounting bracket 328-P using 5/16" flange bolts (supplied) engaging dog bone nut plate.
10. Tighten exhaust port flange nuts securing head pipes to cylinder heads.
11. Tighten 5/16" flange bolts securing mufflers to mounting bracket.
12. If motorcycle is oxygen sensor equipped, install and tighten oxygen sensor(s) (Figure 7). Reconnect wiring harness connector. Non-oxygen equipped models, install M12 x 11 plug and washer (supplied).
13. Reinstall and tighten right-hand foot peg assembly, rear brake master cylinder reservoir and reservoir cover.
14. Remove oil and finger prints from chrome using a soft cloth and chrome polish before starting engine.



Important: All hardware must be properly tightened before starting motorcycle.

FUEL-INJECTION INSTRUCTIONS

For fuel injected models, Vance & Hines recommends the use of an adjustable fuel management system to ensure maximum exhaust system performance.

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, (center stand, oil filter, oil pan etc.) 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.

For information about other Vance and Hines products visit our web site at www.vanceandhines.com