



**HONDA SHADOW AERO 750
STRAIGHTSHOT HS
EXHAUST SYSTEM**
Part #18415

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. 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

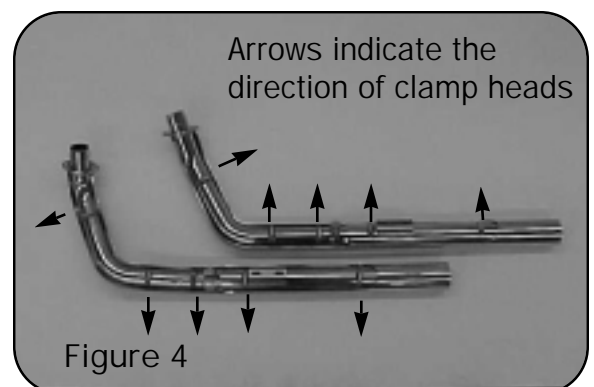
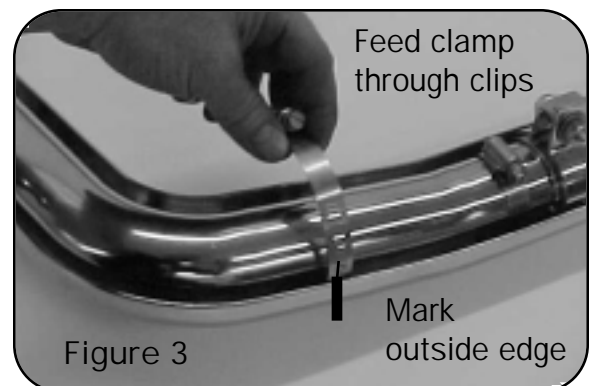
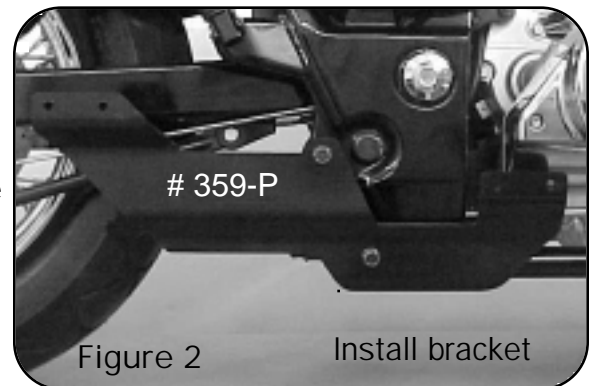
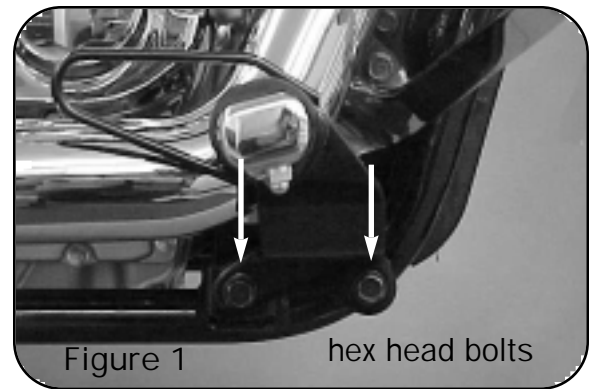
1. Remove frame cover.
2. Remove right side footpeg assembly held in place by two bolts (Figure 1).
3. Remove exhaust port nuts.
4. Remove bolts securing rear muffler to exhaust system mounting bracket.
5. Remove complete exhaust system. Begin by lifting muffler out of mounting bracket locating hole (Assistance may be required).
6. Check condition of stock exhaust gaskets. Replace if damaged or worn.
7. Remove two bolts attaching stock exhaust mounting bracket to frame.

Tools required for installation:

1/2", 14mm & 17mm wrench
5/16", 1/2", 12mm, 14mm
Socket & Extension
5/16" Nutdriver or
Flatblade Screwdriver

VANCE & HINES EXHAUST SYSTEM INSTALLATION

1. Install mounting bracket (stamped 359-P) in the original bracket mounting position, using two 10mm bolts and 10mm nuts (supplied)(Figure 2).
2. Remove head 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 the outside edge of each heat shield to show location of hose clamp mounting clips (Figure 3).
3. Slide flanges onto head pipes and lay head pipes into heat shields. 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 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.
4. Using stock nuts, carefully install head pipes into exhaust ports (Assistance may be required). NOTE: Do not tighten at this time.
5. Loosely install 5/16" x 1-1/4" bolt and locknut with washers onto chrome muffler clamp (see hardware picture). Install clamps onto muffler bodies. Starting with the front pipe, slide muffler bodies onto head pipes. NOTE: Take care to slide heat shield alignment clips under head pipe heat shields.
6. Slide nutplates inside bracket welded to backside of muffler bodies (Figure 5). While holding nutplates in place, attach muffler bodies to mounting bracket 359-P using four 5/16"x5/8" flange head bolts (supplied). Leave them loose at this time. NOTE: Muffler body brackets should align with edge of mounting bracket 359-P.
7. Repeat for rear head pipe.
8. Tighten cylinder port exhaust nuts on front and rear cylinders.
9. Align muffler bodies so they are level and parallel when viewing from the right side of the bike, and tighten the flange bolts on both mufflers. NOTE: Adjust angle of bracket 359-P to aid alignment with head pipes.
10. Tighten bolts securing mount bracket 359-P to frame.
11. Tighten clamps securing muffler bodies to head pipes.



12. Install hose clamps into muffler body heat shields. Note direction of clamp heads (Figure 4).

13. Slide heat shields onto muffler bodies and align with heat shields on head pipes.

14. Tighten all heat shield clamps.

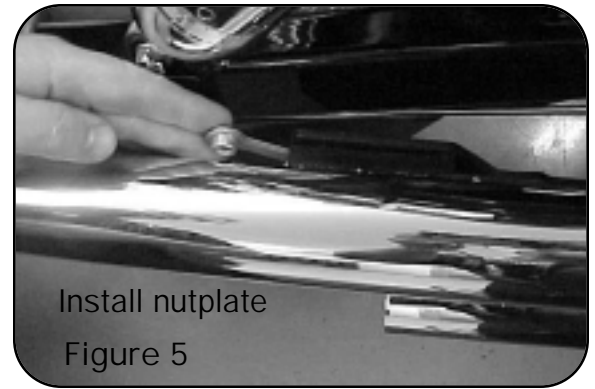
15. Reinstall right side footpeg.

16. Reinstall side covers.

17. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.

18. After installation and before starting motorcycle, completely clean pipes and mufflers with cleaning solvent and a clean, soft cloth that will not leave a residue. NOTE: Any residue, oil, or fingerprints will stain the chrome when the metal heats up.

19. Be sure to tighten all hardware before starting motorcycle.

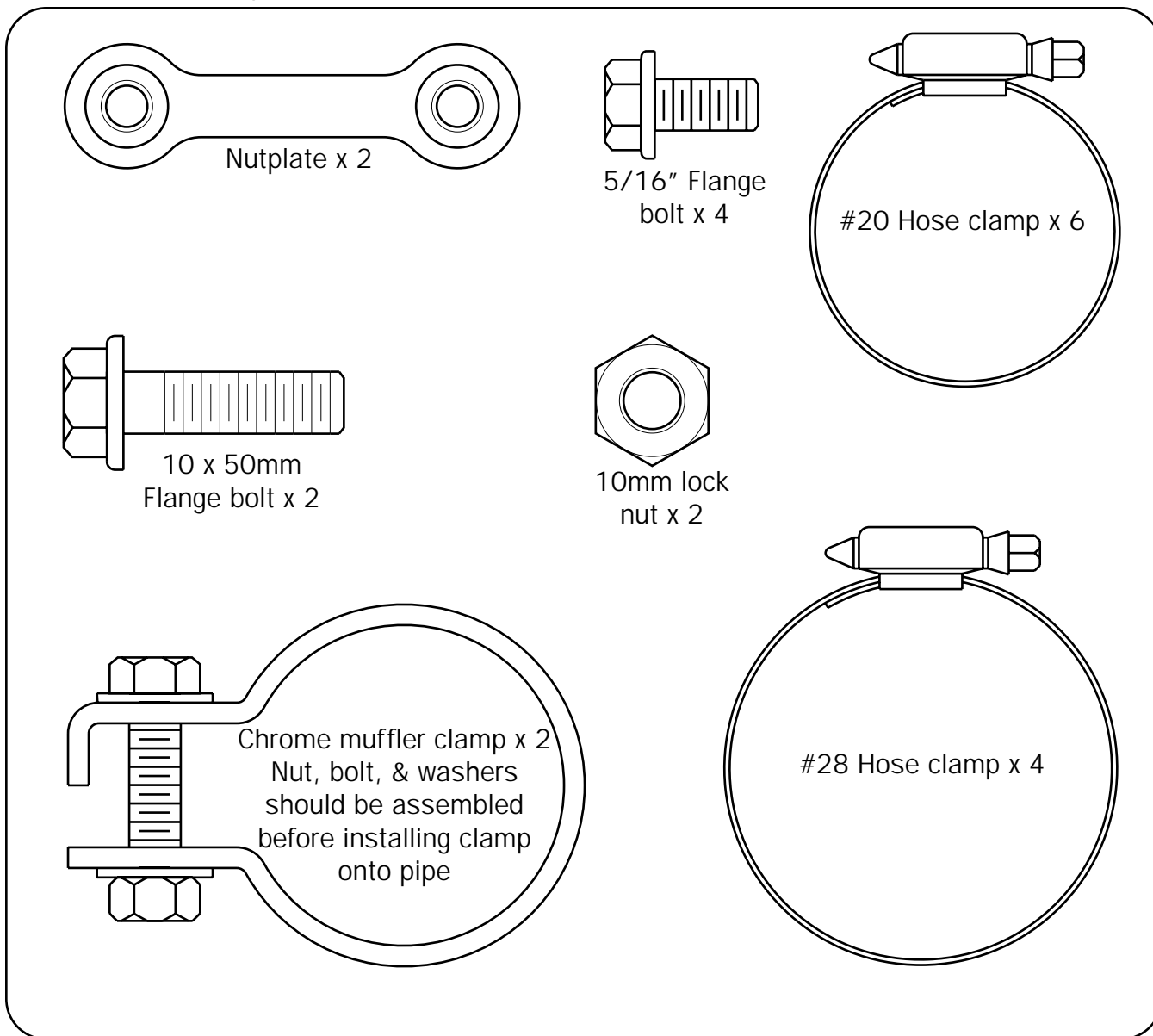


RE-JETTING INSTRUCTIONS

Re-jetting the carburetors will result in realizing the "full" potential of this performance exhaust system. Vance & Hines offers jet kits for most applications. For fuel injected models, we recommend the use of an adjustable fuel management system.

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.

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