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.

INTRODUCTION: These instructions describe the procedure for properly installing Python Slip-On Mufflers on 2004-2005 XL Sportster models.

Review instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING: A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.

PROCEDURE:

STOCK EXHAUST SYSTEM REMOVAL
1. Loosen the heat shield clamps on both the front and rear exhaust pipes. This allows easier access to the headpipe mounting nuts.
2. Loosen, but do not remove, the two headpipe mounting nuts from each flange located at the cylinder head.
3. Remove the clamp bolt, which mounts the rear headpipe to the belt drive cover bracket.
4. Loosen the clamp holding the mufflers onto the headpipes.
5. Remove the two bolts from each muffler, which attach the mufflers to the mounting bar.
6. Remove the mufflers by sliding them off the headpipes.
7. Remove the clamp from the nose of each muffler (these will be re-used when installing the new mufflers).
8. Remove the gaskets from the crossover ports on the stock mufflers. Inspect the gaskets and replace if damaged or worn (OEM #65927-00).
9. Install crossover gaskets onto mounting bar on motorcycle.

NOTE: Crossover gaskets must be placed on the mounting bar and not in muffler ports for proper installation.

PYTHON EXHAUST SYSTEM INSTALLATION
1. Remove mufflers from protective packaging.
2. Slide the nut plate inside the bracket that is welded to the backside of each muffler body and attach the muffler bodies to the muffler bodies to the mounting brackets (stamped 379-P) using four 5/16" x 5/8" flange headbolts (supplied). Leave them loose at this time (FIGURE 1).
3. Slide the stock exhaust clamp onto nose of each muffler.
4. Slide mufflers onto headpipes and align crossover port with gasket on crossover bar (FIGURE 2). Press into place on gasket.
5. Attach the muffler brackets to the stock mounting bar using four 5/16" x 3/4" hex headbolts, washer and nuts (supplied). Leave them loose at this time (FIGURE 3).
6. Tighten cylinder port exhaust flange nuts on front and rear cylinders.
7. Install and tighten the clamp bolt which mounts the rear headpipe to the belt drive cover bracket.
8. Align muffler and bracket so they sit level. Tighten the muffler mounting bolts and the bracket mounting bolts.
9. Tighten the clamp holding the muffler onto the headpipe.
10. Align the headpipe heat shields so they butt evenly with the muffler bodies and tighten all of the hose clamps.
11. Check for adequate clearance between all exhaust system components and motorcycle accessories prone to heat damage.
12. 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.

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

CAUTION: After installation is complete and before starting the motorcycle, be sure to completely clean the pipes and muffler with a cleaning solvent and clean soft cloth that will not leave a residue.
WARNING!: Before operating motorcycle, be sure all hardware is tight. Every effort is made for Python 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.

RE-JETTING INSTRUCTIONS
Re-jetting the carburetors will result in realizing the full potential of this performance exhaust system. Jet kits are available for most applications. For fuel-injected models, we recommend the use of an adjustable fuel management system.

HELPFUL HINTS TO AVOID DISCOLORATION
1. Follow owner’s manual instructions regarding use of the choke (starter enrichener). 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 and before starting the motorcycle, thoroughly clean pipes with a cleaning solvent that will leave no residue (glass cleaner, alcohol, ammonia, etc.).