INSTALLATION INSTRUCTIONS

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 the Python slip-on mufflers on the 2007-2010 FXST/FXSTB Softail.

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.

TOOLS REQUIRED:
Flat blade screwdriver
$5/16$" nutdriver
$7/16$", $1/2$" combination wrench
$3/8$" drive ratchet
9" extension
$3/8$", $7/16$", $1/2$" and $9/16$" sockets

PROCEDURE:

STOCK EXHAUST SYSTEM REMOVAL
1. Loosen heat shield clamps on both the front and rear exhaust pipes to allow for easier access to the exhaust flange nuts.

2. Loosen the clamps holding the mufflers onto the headpipes.

3. Loosen, but do not remove, the exhaust flange nuts (two for each cylinder) from each flange located at the cylinder head.

4. Remove the hex head flange bolts holding the mufflers to the crossover bar.

5. Carefully lift the muffler off the crossover and remove mufflers by sliding them off each headpipe.

NOTE: Assistance may be required.

6. Remove the stock exhaust clamps from the nose of each muffler (these will be re-used when installing the new mufflers).

PYTHON EXHAUST SYSTEM INSTALLATION
1. Remove mufflers from their protective packaging and place them on a non-abrasive surface such as a blanket, towel or carpet.

2. Slide a nutplate inside the bracket that is welded to each of the muffler bodies. Using the supplied $5/16$" x $5/8$" flange head bolts, attach the mounting brackets (stamped 458-P) to the muffler bodies. Leave them loose at this time **(Figure 1)**.

FIGURE 1

3. Slide stock exhaust clamps onto the nose of each muffler body.

NOTE: Orient the clamp in a way that you can get to the nut after installation.
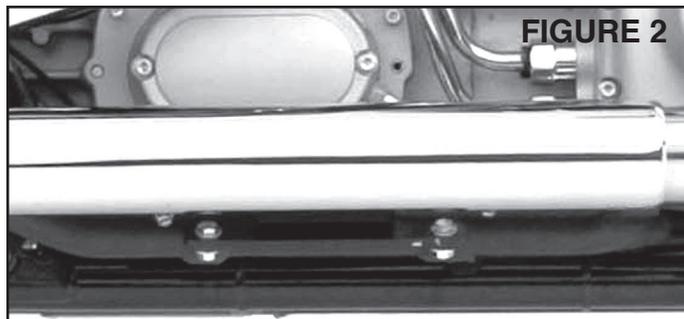
4. Slide mufflers onto the headpipes.

5. Using $1/4$" x $3/4$" hex head bolts, washers and nuts (supplied), attach the muffler brackets to the stock mounting pad.

NOTE: Leave them loose at this time **(Figure 2)**.

FIGURE 2

6. Tighten exhaust flange nuts on both the front and rear cylinders.

7. Align muffler and bracket so they sit level. Tighten the muffler mounting bolts, then tighten the bracket mounting bolts.

8. Tighten the clamp holding the muffler onto the headpipe.

9. Align headpipe heat shields so they butt evenly with the muffler bodies and tighten all of the hose clamps.

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

11. For black slip-ons: After installation and before starting your motorcycle, completely clean slip-ons with warm soapy water and a clean soft cloth. Dry with a clean towel.

CAUTION: Any residue, oil or fingerprints will stain the black coating. Do NOT use anything abrasive to clean the pipes as it may remove the finish.

12. For chrome slip-ons: After installation and before starting your motorcycle, remove protective tape and completely clean slip-ons with cleaning solvent and a clean soft cloth that will not leave a residue.

CAUTION: Any residue, oil or fingerprints will stain the chrome when the metal heats up.

13. Be sure to check and tighten all hardware before starting your motorcycle.

WARNING!: Before operating motorcycle, be sure all hardware is tight. Every effort is made by 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
For fuel injected models, we recommend the use of an adjustable fuel management system, which will result in realizing the "full" potential of this performance exhaust system.

HELPFUL HINTS TO AVOID DISCOLORATION OF EXHAUST PIPES

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 pipes and cylinder head. We recommend replacing gaskets if they are worn.