

# INSTALLATION INSTRUCTIONS

## WARLORD™ STREET SWEEPERS

FOR 2004 MEAN STREAK 1600 MODELS

Model 316-159

SHÖGUN  
EXHAUST

### WARNING PLEASE READ BEFORE INSTALLATION!

- Read all instructions thoroughly and confirm that all listed components are available for installation.
- **Adding a free flowing exhaust systems may require rejetting of the carburetor or re-mapping air/fuel mixtures on fuel injected motors. Lean air/fuel settings are a major factor causing exhaust discoloration and potential engine damage.**
- Shōgun™ exhaust systems are designed to fit and work with OEM frames and motors.
- After installation thoroughly clean the new exhaust system before starting the motor.

### REMOVAL PROCEDURE:

- Remove stock head pipes and mufflers from the bike.
- *The exhaust "collector box" may be removed or left in place.*
- The stock flanges and flange nuts will be reused for this installation. The stock bracket bolts will also be reused to install the supplied mounting bracket.

**Caution: With Some Exhaust Designs,  
Ground Clearance May Be Reduced !**

**Remember To Clean The Pipes  
Before Starting The Bike !**

### TOOLS REQUIRED:

- 5/16" Combination wrench
- 9/16" Combination wrench
- 1/2" Combination wrench
- Ratchet, 6" extension and 1/2" swivel socket
- Assorted metric combination wrenches and sockets

### PARTS LIST:

Qty.	Description
1ea.	Mounting Bracket
2ea.	1 7/8" Pinch clamp
2ea.	5/16"-18 x 1" Hex head bolt
2ea.	5/16" x 3/4" Carriage Bolts
2ea.	5/16" Nylock nut ( <b>thick</b> )
2ea.	5/16" Nylock Nuts ( <b>thin</b> )
4ea.	5/16" Flat washer
6ea.	# 24 hose clamp

### INSTALLATION PROCEDURE:

**Note: Do not tighten connections when first installing the system. To ensure proper fit and alignment all bolts and bracket are tightened at the end of the installation.**

1. Loosely install front and rear heat shields on head pipes using the hose clamps provided in kit. **Do not fully tighten at this time.**
2. Install the mounting bracket between the frame and the passenger peg mounting bracket, using the stock hardware. The slots in the bracket will be at the rear. Loosely install the carriage bolts in the upper and lower slots of the mounting bracket, using the 5/16" flat washers and **thin** Nylock nuts on the tire side of the bracket.
3. Loosely attach the front pipe to the front exhaust port using the stock flanges and nuts.
4. Attach a slip-on tip to the end of the front pipe (using a Pinch clamp, 5/16 x 1" hex head bolt, 5/16 flat washer, and 5/16" **thick** Nylock nut. *NOTE: Install the clamp on the tip before slipping in on the head pipe. If you intend to run optional baffles, they should be installed before installing the muffler.* Slip the tip on the head pipe and the lower carriage bolt on the mounting bracket at the same time.
5. Install the rear pipe and tip using the same procedure. Use the top carriage bolt in the mounting bracket for the rear tip.
6. Tighten each bolt a little at a time starting at the flanges and work to the back. Check alignment often to insure propewr fit.

**RETIGHTEN ALL HARDWARE AFTER 100 MI.**

