

# INSTALLATION INSTRUCTIONS

## LEGEND SERIES STREET SWEEPERS

FOR 2008 - 2009 YAMAHA RAIDER MODELS

Model 221-959

# SHÖGUN EXHAUST

### REMOVAL PROCEDURE:

- Remove stock head pipes, mufflers and Stock Mounting Bracket. save and reuse the stock bolts from the mounting bracket for the new system. Also reuse the flange nuts.

**THE EXHAUST COLLECTOR BOX MAY  
REMOVED OR LEFT IN PLACE.**

**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.	SP06-107 Mounting Bracket
2ea	5/16-18 x 3/4 carriage bolts
2ea	5/16 flat washers
2ea.	5/16 Nylock nut
2ea	1/4-20 x 3/8 button head bolt
6ea.	# 24 Hose Clamp
2ea	SP04-20 baffles

### 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 normally requires rejetting of the carburetor or re-mapping air/fuel mixtures on fuel injected motors.**
- Samson® 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.

### 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 #24 hose clamps provided. **Do not fully tighten at this time.**
2. Install the mounting bracket on the frame, using the stock bracket mounting bolts. The long end of the bracket will point toward the rear of the bike.
3. Loosely attach the rear pipe to the rear exhaust port using the stock nuts and washers. Follow this same mounting procedure for the front pipe.
4. Using the 5/16 carriage bolts flat washers and nylock nuts, attach the pipes to the slotted bracket. *If baffles are to be used, install the baffles before attaching the muffler assembly.* be sure that the lower Carriage bolt in the mounting bracket slides into the pipe's channel bracket. install the o2 sensor into the rear pipe at this time.
5. Tighten each bolt a little at a time starting at the flanges and work to the back. Tighten at each point moving from the front pipe to the back, and back to front for a proper fit and alignment. **Check alignment often to insure proper fit.** Make certain that brake pedal has free play, adjust exhaust alignment as needed to clear front pipe heat shield.

**RETIGHTEN ALL HARDWARE AFTER 100 MI.**