

# INSTALLATION INSTRUCTIONS

## “LEGEND SERIES” RIP SAWS

FOR 04 - 09 YAMAHA V-STAR 1100 MODELS  
Model 220-974

# 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.**
- 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.

### REMOVAL PROCEDURE:

- Remove stock head pipes, and/or mufflers. and Stock Mounting Bracket.
- The stock flange nuts and the stock mounting bracket bolts will be re-used for this installation.
- Remove rear exhaust manifold from cylinder, it will not be used with this pipe set.

**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.	SP06-77 Mounting Bracket
6ea.	#24 Hose clamp
2ea.	5/16 Nylock nut <b>THICK</b>
2ea.	5/16” Flat washer
2ea.	5/16”-18x3/4” Carriage bolt
2ea.	1/4-20 bolt

### 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. install both pipes onto head using the stock nuts.
2. **Do not fully tighten at this time.**
3. Install the mounting bracket on the frame, using the stock mounting bracket bolts. The slots in the bracket will be at the rear of the bike. Loosely install the 5/16” Carriage bolts into the upper and lower slotted holes in the bracket. Attach the 5/16” flat washers and 5/16” Nylock **thick** nuts on the tire side of the bracket **Do not fully tighten at this time.**
4. Loosely attach the front pipe to the exhaust port using the stack flange nuts.
5. Follow the same mounting procedure for the rear pipe.
6. **Tighten each bolt a little at a time starting at the flanges and work to the back. Tighten each point moving from the front of each pipe to the back, and back to front for a proper fit alignment. Check alignment often to insure proper fit.**

**RETIGHTEN ALL HARDWARE AFTER 100 MI.**

