

# INSTALLATION INSTRUCTIONS

## WARLORD™ LONG CANNONS FOR 1999 - PRESENT YAMAHA ROAD STAR MODELS Model 211-138

# 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 usually requires 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. A quality window cleaner works best.

### REMOVAL PROCEDURE:

- Remove stock head pipes, mufflers. Remove the two bolts holding the stock mounting bracket to the frame. This stock mounting bracket will not be used with this set of WARLORD pipes..

**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.	SP06-43 Mounting Bracket
2ea.	1 7/8" Barrel clamp
2ea.	3/8-16" x 1-3/4" Hexhead bolt
2ea.	5/16 Nylock nut <b>THICK</b>
2ea.	5/16" Flat washer
2ea.	5/16"-18 x 3/4" Carriage bolt
2ea.	3/8"-16 Nylock nut
2ea.	3/8" Flat washer
6ea.	# 24 Hose Clamp
2ea.	Yamaha chrome flange

### 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. Slip the chrome flange onto the end of each pipe and slide to the top of the pipe.
2. Loosely install front and rear heat shields on head pipes using the #24 hose clamps provided. **Do not fully tighten at this time.**
3. Install the mounting bracket behind the frame ( behind where the stock bracket was removed), using the using two 3/8-16" x 1-3/4" Hex head bolts, two 3/8" Flat washers, and two 3/8" Nylock nuts. The slots in the bracket will be at the rear of the bike. Loosley install the 5/16" x 3/4" Carriage bolts in the upper and lower slotted holes in the bracket. Use the 5/16" flat washers and 5/16" **THICK** Nylock nut on the tire side of the bracket.
4. Loosely attach the front pipe to the exhaust port using the stock flange nuts and washers. Loosely slide the slip-on tip on to the end of the front pipe, using a 1-7/8" Barrel clamp. If baffles are to be used, install the baffles before attaching the slip-on assembly on to the end of the head pipe. While sliding the slip-on tip on to the end of the head pipe, be sure that the lower Carriage bolt in the mounting bracket slides into the pipe's channel at the same time.
4. Follow this same mounting procedure for the rear pipe, using the top Carriage bolt for the rear slip-on.
5. Tighten each bolt a little at a time starting at the flanges and work to the back. Tight each point moving from the front of each pipe to the back, and back to front for a proper fit and alignment. **Check alignment often to insure proper fit.**

**RETIGHTEN ALL HARDWARE AFTER 100 MI.**

