

# INSTALLATION INSTRUCTIONS

## CALIBER Muffler FOR 2006 STREET-ROD MODELS Model VRS-701

*Caliber*  
*High Performance 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 recalibration of the ECM. Lean fuel/air 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 two bolts attaching muffler to the slide support bracket under muffler.
- Loosen the figure "8" style clamp holding the muffler to the head pipes.
- Locate the pin/rubber bushing assembly under the swing arm pivot point. Remove the nut from the pin, using a small punch to hold the pin. Slide the muffler assembly straight back until it clear the center pin in the back of the muffler.
- Remove the stock muffler assembly from the bike.
- Remove the stock mounting bracket from the frame by removing the three bolts on the mounting plate.

**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" socket

### **PARTS LIST:**

Qty.	Description
2 ea.	1-3/4" Baffles
2 ea.	5/16-18 x 3/4" Carriage bolts
2 ea.	5/16-18 Nylock nuts (thick)
1 ea.	5/16-18 Nylock nuts (thin)
1 ea.	5/16-18 x 2" Hexhead bolt
3 ea.	5/16-18 Flat washers
4 ea.	1/4-20 x 3/8" Buttonhead bolt
2 ea.	10-32 x 3/8" Buttonhead bolt
1 ea.	SP06-74 Lower Mounting bracket
1 ea.	SP06-75 Upper Mounting bracket
4 ea.	# 44 Hose clamps
4 ea.	# 24 Hose clamps

### **INSTALLATION PROCEDURE:**

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

1. Loosely install front and rear heat shields on the front and rear head pipes using the hose clamps provided.
2. Using the stock mounting bolts attach the lower mounting bracket to the frame with the slot on the bracket facing toward the rear of the bike. Install the upper mounting bracket with the slot hanging down, using the 5/16-18 x 2" hexhead bolt, 5/16-18 flat washer, and the 5/16-18 nylock nut provided in the kit. Insert the 5/16-18 x 3/4" carriage bolts in the slots of both brackets, securing loosely with the 5/16-18" flat washers and the 5/16-18 nylock nuts.
3. Loosely position the front muffler pipe on the stock head pipe using the figure "8" style clamp. Slide the channel bracket over the carriage bolt on the upper mounting bracket at the same time. (Note: Place the clamp on the tip before slipping it on the pipe.)
4. Install the rear muffler pipe using the same procedure. Use the carriage bolt on the lower bracket for the rear muffler pipe.
6. Tighten each bolt a little at a time starting at the "8" style clamp and work toward the back checking the alignment often. Tightening each bolt a little at a time, going back and forth, front to rear, to insure proper fit.
7. Install baffle in each muffler using the 1/4-20 screws provided in kit, then install end cap on each muffler using the 10-32 screws. (Note: The 1-3/4" Veritech Cone baffle will work best for a stock bike or a bike with mild modifications.)

### **RECHECK MOUNTING HARDWARE AFTER 100 MILES**

