SAMSON
MOTORCYCLE PRODUCTS, INC.

INSTALLATION INSTRUCTIONS

LEGEND SERIES POMONAS
FOR 2007 & Up HARLEY SPORTSTERS
Model XL3-931

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. Lean carburetor 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:

• Loosen heat shield clamps and remove the four flange nuts securing the exhaust to the cylinder heads.

• Remove the bolts holding the mufflers to the mounting / crossover bracket and remove the system from the motorcycle.

• Remove the drive pulley cover and the stock mounting / crossover bracket from the engine case. This bracket will not be used with the new pipes..

• To remove the flanges from old exhaust pipes remove the snap ring from the exhaust and slide the flange off the pipe. (Note: the snap rings may be lodged in the groove in the flange. Carefully pry the snap ring from the flange.)

• Do not remove the exhaust gaskets unless you intend to replace them. We recommend replacement with Genuine James thick gaskets. Samson® part # A-144.

• Your pipes and heat shields will arrive assembled. In order to install the baffle you will need to remove the heat shield.

CAUTION: WITH SOME EXHAUST DESIGNS GROUND CLEARANCE MAY BE REDUCED!

TOOLS REQUIRED:

• 1/2" Combination wrench
• 5/16" Combination wrench
• 9/16" Combination wrench
• 1/2" Combination wrench
• Ratchet, 6" extension and 1/2" swivel socket

PARTS LIST:

Qty.	Description
2 ea	5/16 -18 X 3/4" Carriage bolts
2 ea	5/16 -18 Nylock nuts (Thick)
2 ea	5/16" Flat washers
5 ea	# 24 Hose clamps *
1 ea	SP06-72 Mounting Bracket
2 ea	1/4-20 Allen head bolts *
2 ea	SP04-20 Baffle *

* Installed in head pipe assembly

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.

• Install the new mounting bracket, using the stock mounting bolts, to the engine case and reinstall the drive pulley cover.

• Slide the exhaust flanges over the new pipes and install the snap rings. Hold front pipe assembly in place and loosely install the flange nuts. Attach the rear of the front pipe assembly to the mounting brackets bottom slot, using a 5/16-18 x 3/4" carriage bolt, 5/16-18 flat washer, and 5/16-18 nylock nut. Loosely install the rear pipe assembly with the same procedure, using the top slot on the mounting bracket.

• Adjust pipes as necessary to insure that they are straight and parallel. Tighten all bolts a little at a time. You will notice that as you tighten each nut, the pipe will move one way or another, use this method to maintain pipe alignment.

• Reinstall 02 Sensors in the front and rear head pipes. If you do not wish to operate this system with the factory 02 Sensors you will need to consult your local dealer for tuning options as operation without these Sensors can result in engine damage. The Sensor thread size is 18mm x 1.5 pitch.

CHECK ALL MOUNTING POINTS AFTER 100 MILES!!