

# SAMSON

MOTORCYCLE PRODUCTS, INC.

## INSTALLATION INSTRUCTIONS

### LEGEND SERIES STREET SWEEPERS FOR 09-2010 INDIAN CHIEF Model N2-959

#### **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:**

- Remove all existing heat shields. Remove the clamp on the crossover pipe, if so equipped.
- Remove the four flange nuts securing the exhaust to the cylinder heads.
- Remove the bolts holding the front and rear pipes to the exhaust mounting bracket.
- Remove the two bolts holding the mounting bracket to the frame. The mounting bracket is not needed to install this set of Samson® 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.)

#### **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 mounting bracket on the frame using the 3/8" x 3/4" hex head bolts, and 3/8" washers. The slots in the bracket will be facing the front of the bike. Loosely install the 5/18" x 3/4" carriage bolts in the upper and lower slots of the mounting bracket using the 5/16" flat washer a 5/16" "Thick" Nylock nut on the back side of the bracket.
- Install the flange and snap ring on the front and rear head pipes.
- Loosely attach the front pipe to the front cylinder using the two stock flange nuts, while sliding the head of the carriage bolt attached to the bottom slot of the mounting bracket into the channel bracket at the rear of the pipe.
- Install the rear pipe using the same procedure.
- Tighten each bolt a little at a time starting at the flanges, work toward the back and check the alignment often. Tightening each bolt a little at a time going back and forth, front to rear, to insure a proper fit.
- Reinstall O2 Sensors in the front and rear head pipes.

**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	3/8"-16 x 3/4" Hex head bolts
2 ea	3/8" Flat washers
2 ea	5/16 -18 X 3/4" Carriage bolts
2 ea	5/16 -18 Nylock nuts (Thick)
2 ea	5/16" Flat washers
1 ea	SP06-117 Mounting Bracket
2 ea	1/4-20 Allen head bolts *
2 ea	SP04-20 Removable baffle *
5 ea	# 24 Hose clamps *

\* Installed in head pipe assembly

***CHECK ALL MOUNTING POINTS AFTER 100 MILES!!***



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