

INSTALLATION INSTRUCTIONS

LEGEND SERIES CANNONS FOR 2010 HARLEY FLH MODELS FL4-901



REMOVAL PROCEDURE:

- Loosen the muffler clamps holding the mufflers to the head pipes.
- Remove the bolts holding the mufflers to the mounting brackets.
- Remove the mufflers by pulling and twisting toward the rear of the bike. Use caution not to damage the head pipes.
- Remove heat shields from header pipes, remove flange nuts at exhaust ports, loosen and remove the clamps located under the transmission cover and behind the rear cylinder. Remove both header pipes.
- Remove snap rings and flanges from both pipes for re-use.
- Replace exhaust gaskets with Samson thick gaskets, part # A-144

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

TOOLS REQUIRED:

- 1/2" Combination wrench
- Ratchet, 1/2" and 5/16" socket
- 3/16" Allen wrench

PARTS LIST:

Qty.	Description
1	Front exhaust pipe
1	Rear exhaust pipe
5-24	hose clamps
1	5\16-18x1" hex bolt
6	5\16 flat washer
6	5\16x1\2 hex bolt
2	strap brackets
1	5\16-18 nylock nut (thick)
2	1\4-20x1\2 allen bolts
2	SP04-20 baffles
2	5\16 lock washers

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.***

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.

- Install the stock flanges and snap rings on both pipes.
- Install the rear pipe by loosely attaching the flange to the exhaust port.
- Install pipes into the heatshields and hose clamps. Don't tighten hose clamps until later.
- Now install rear pipe onto the motor and fasten underneath saddlebag with the stock bracket. do not tighten yet.
- install the front pipe to the motor and to the top bracket using the 5\16- 18x1" hex bolt and the 5\16 flat washer and 5\16-18 nylock nut (thick).
- Install the strap bracket to the front and rear pipe holding pipes together.
- Install the rear strap bracket to the front and rear heat shields using the 5\16x1\2 hex bolt with 5\16 flat washer.
- install O2 sensor plug to front pipe. for the rear pipe o2 sensor plug you will have to cut the tie that holds the wire to the frame and re-route the O2 sensor up to the rear pipe.
- Start from the front and tighten each bolt a little at a time while maintaining pipe alignment. continue this process until all bolts and nuts are tight.

CHECK ALL MOUNTING POINTS AFTER 100 MILES!!

