SAMSON
MOTORCYCLE PRODUCTS, INC.

INSTALLATION INSTRUCTIONS

LEGEND SERIES RIP SAWS
FOR 1991 & Up HARLEY DYNA GLIDE
Model D2-974

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 02 Sensors from front and rear head pipes.
- Remove all existing heat shields.
- Remove nuts holding exhaust flanges to cylinder heads.
- Remove bolts holding pipes to stock mounting bracket.
- Remove pipes from bike.
- Remove stock mounting bracket from transmission.
- Remove flanges.
- Flanges, snap rings, and transmission bracket mounting hardware will be used on new pipes.
- Your pipes, removable baffles, and heat shields will arrive assembled. In order to remove the baffle you will need to remove the heat shields.

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
- 1/2" combination wrench
- 22mm combination wrench
- 5/32" allen wrench
- 1/4" allen wrench
- Ratchet, 6" extension, 1/2" swivel socket

PARTS LIST:

Qty.	Description
1 ea	5/16 -18 X 1" Allen head bolt
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*
2 ea	1/4-20 x 3/8" Button socket head bolts
1 ea.	SP06-79 Mounting Bracket
2 ea	1/4-20 Allen head bolts *
2 ea	SP04-20 Removable 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.

1. Slide stock flanges on to pipes and install stock snap rings.

2. Install the transmission bracket to the transmission housing using the stock mounting hardware and the supplied 5/16 x 18 1" allen bolt.

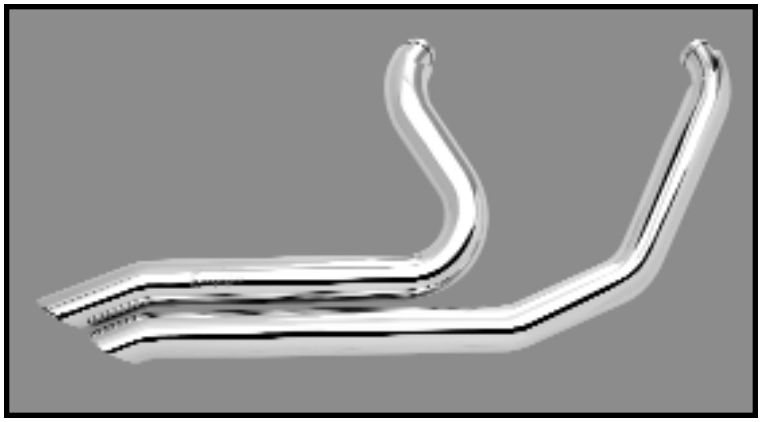
3. Loosely attach the front pipe assembly to the front cylinder using the two stock 1/2" flange nuts. Repeat procedure for the rear pipe assembly.

4. Slide the 5/16x18 3/4" carriage bolts into each channel on each pipe and through slotted holes on mounting bracket. Secure carriage bolts with 5/16" flat washers and 5/16"x18 Nylock nuts.

5. 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.

6. 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!!



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