

INSTALLATION INSTRUCTIONS

2 INTO 1 CALIBER POWERFLOW For 2006 -UP HARLEY DYNA Model C2-221



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 heat shields from existing system.
- 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.

This bracket will not be used for the installation of this SAMSON exhaust.

- Remove snap rings and flanges from pipes. These will be used on new pipes.
- Only remove gaskets in cylinder heads if new SAMSON Thick Gaskets (A-144) will be used.

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

INSTALLATION PROCEDURE:

1. Install the new mounting bracket, using the stock mounting bolts, to the transmission.
2. Loosely install the 5/16 x 3/4" carriage bolts in the slot on the mounting bracket using a 5/16 flat washer and 5/16" nylock nut on the back side of the bracket.
3. Install the flange and snap ring on the front and rear head pipes.
4. Hold the pipe up to the bike, generally it is necessary to manipulate the pipe around the barrels while gently spreading the pipes to slip into the ports on the heads. Loosely install the stock flange nuts.
5. Loosely install front and rear heat shields on head pipes using the # 24 hose clamps provided in kit (Do not fully tighten at this time)
6. Tighten each bolt a little at a time starting at the flanges, work towards the back and check the alignment often. Tightening each bolt a little at a going back and forth, front to rear, to insure proper fit.
7. Reinstall O2 Sensors in the front and rear head pipes. If you do not wish to operate this system with the factory O2 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.
8. Install baffle, use the 1/4-20 button head bolt. Install the end cap using #10-32 button head bolt.

Remember To Clean The Pipes Before Starting The Bike!

TOOLS REQUIRED:

- 5/16" Combination wrench
- 1/4" Combination wrench
- Ratchet, 6" extension and 1/2" swivel socket

PARTS LIST:

Qty.	Description
1	Mounting bracket
1	5/16" Flat washer
1	5/16"-18 Nylock nut (Thick)
1	5/16-18" x 3/4" Carriage bolt
1	1/4" -20 x 1/2" Button head bolt
1	# 10-32 x 3/8" Button head bolt
6	#24 Hose clamps
1	Baffle
1	End cap

