

INSTALLATION INSTRUCTIONS



2 INTO 1 CALIBER COLLECTOR

FOR LATE 85 - PRESENT FLH MODELS

Model C-740

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 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.
- You may remove the rear pipe support bracket located over the transmission. This bracket will not be used with the C-740.
- Remove the stock bracket located below the transmission cover. (note:87-92 models require removing the transmission cover, while 93 and later models require removing the transmission cover and oil filler cover.)
- Replace exhaust gaskets with Samson thick gaskets, part # A-144

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. To make installation easier, remove the floor board and loosen the rear bracket to swing it down out of the way.

1. Install the flange and snap ring on the front and rear head pipes.
2. 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.
3. Secure the collector body to the bag mounting bracket using two 5/16" x 3/4" hex head bolts and a 5/16" split lock washer.
4. Loosely install the front and rear heat shields on the head pipes using the # 24 hose clamps provided in the kit, (Do not fully tighten at this time).
5. Tighten each flange nut a little at a time working side to side, front cylinder to rear cylinder and check alignment often until all flange nuts are tight.
6. Install the collector heat shield using the two # 44 hose clamps. Align the three heat shields with a 1/32" gap between the front and rear shields.
7. Install the baffle using the 1/4-20 button head bolt. **(Note: Use the 1-3/4" baffle on stock bikes for best performance.)** Install end cap using the #10-32 button head bolt.

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

TOOLS REQUIRED:

- 1/2" Combination wrench
- 1/4" Allen wrench
- Ratchet, 1/2" and 5/16" socket
- 3/16" Allen wrench

PARTS LIST:

| Qty. | Description |
|------|----------------------------------|
| 2 | 5/16" Lock Washers |
| 2 | 5/16-18 X 3/4" Hex head bolt |
| 1 | 1/4" -20 x 1/2" Button head bolt |
| 1 | # 10-32 x 3/8" Button head bolt |
| 6 | #24 Hose clamps |
| 2 | #44 Hose clamps |
| 1 | 1-3/4" Veriteck baffle |
| 1 | 2" Veriteck baffle |
| 1 | Caliber 3" end cap |

**REMEMBER TO CLEAN THE PIPES
BEFORE STARTING THE BIKE !**

CHECK ALL MOUNTING POINTS AFTER 100 MILES!!

