

# INSTALLATION INSTRUCTIONS

## DRAG SPECIALTIES/SAMSON ROLLED THUNDER™ MUFFLERS P/N DS-202301/3/4/6/8/11

**ATTENTION INSTALLER** (if other than owner): Please forward this instruction sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

**INTRODUCTION:** These instructions describe the procedure for properly installing Drag Specialties/Samson Rolled Thunder™ Mufflers on 95-99 FLH™ and FLT™ models.

Review instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

**NOTE:** A NOTE provides key information to make procedures easier or clearer.

**CAUTION:** A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

**WARNING!:** A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.

### PARTS LIST:

#### QTY DESCRIPTION

4	7/16" spacers
4	5/16"-18 x 1" carriage bolts
4	5/16"-18 Nylock nuts
4	5/16" flat washers

### TOOLS REQUIRED:

1/2" combination wrench  
9/16" combination wrench

### PROCEDURE:

1. Remove saddlebags and loosen the clamps at the front of the mufflers. Slide the clamps forward.
2. Remove the two bolts holding each muffler to the brackets under the saddlebag. Remove each muffler from the header pipes.
3. Slide the new muffler over the headpipe.



4. Insert a 5/16" x 1" carriage bolt into either end of the channel bracket on the muffler. Place a 7/16" spacer over each bolt and between the channel bracket and the mounting bracket on the bike and secure each with a flat washer and Nylock nut. Do not tighten at this time.

5. Slide the clamps back over the new mufflers. Check to make sure that the mufflers are straight, and the channel brackets are vertical. Tighten the mounting bolts first, then the muffler clamps.

**CAUTION:** Check for clearance between the mounting bolts and the saddlebags. Recheck all bolts after 100 miles.

### REJETTING RECOMMENDATION:

Rejetting the carburetor or recalibrating the fuel injection system is required to maximize the performance potential of these mufflers and to minimize discoloration. Jet kits are available from your dealer. We recommend that rejetting or recalibration be performed by experienced service technicians on a dynamometer utilizing an Exhaust Gas Analyzer.

**NOTE:** Drag Specialties or Samson do not warranty these chrome mufflers against discoloration due to improper carburetor jetting or fuel injection settings. All exhaust systems will eventually change color. This is not a defect in the chrome.

### HELPFUL HINTS TO AVOID DISCOLORATION:

1. Have your carburetor rejetted or your fuel injection system recalibrated by an experienced service technician on a dynamometer utilizing an Exhaust Gas Analyzer.

**DRAG SPECIALTIES**

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2. Make sure there are no exhaust leaks at the junction of the exhaust pipe and the cylinder head and at the muffler junction.
3. Make sure there are no intake leaks, as these can cause the engine to run lean and overheat, turning the pipes blue.
4. After installing a new set of chrome mufflers, thoroughly clean the mufflers and pipes with a cleaning solvent and a clean, soft cloth that will not leave any residue (glass cleaner, alcohol, ammonia, etc.) before starting the motorcycle.
5. Follow the owners manual instructions regarding the use of the choke (starter enricher). If left on longer than recommended, discoloration may be accelerated.

6. Avoid long periods of idling.

**WARNING!:** Before operating motorcycle, be sure all hardware is tight. Every effort is made for these mufflers to provide improved cornering clearance. However, due to design and space limitations on some models, ground and cornering clearance may not be improved, and, in some cases, may be reduced.

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