



## INSTALLATION INSTRUCTIONS

### 3.50" HP-PLUS® SHREDDER MUFFLERS

#### FOR 2018-UP SOFTAIL STANDARD, FATBOY, STREET, SLIM, LOW RIDER, BREAKOUT

#### ATTENTION INSTALLER (if other than owner):

Please forward this instruction sheet and the warranty card to the purchaser of this product. These instructions also contain valuable information necessary to the end user.

#### INTRODUCTION:

These instructions describe the procedure for properly installing KHROME WERKS® 3.50" Performance Shredder Mufflers on 2018 Harley-Davidson FXST, FLFB, FLFBS, FXBB, FLSL, FXLR, FXBR, FXBRS, FLHC, FLHCS, FLDE 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 or accessories.

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

#### TOOLS REQUIRED:

- 1 – 5/16 Nut Driver or Flat Screwdriver
- 1 – 3/16" Allen wrench or Socket
- 1 – 9/16" Combination Wrench or Socket

**SUPPLIES (NOT INCLUDED):** New muffler clamps, Muffler Gaskets

#### PROCEDURE:

1. Remove the (2) ¼" socket head screws from each muffler. Save screws.
2. Note position of muffler clamp mounting bolt on each muffler. Loosen muffler clamps. Slide old mufflers off header pipes. Remove muffler clamps. Discard old mufflers.

**NOTE:** To ensure sealing integrity of muffler clamps, and prevent the possibility of leakage, Harley-Davidson recommends that the muffler clamp assemblies be discarded and replaced each time they are removed.

**CAUTION:** If muffler clamps are being reused, apply anti-seize compound to the threads to ensure proper clamping.

3. Install new clamps on the KW mufflers in the same position as the original clamps. Muffler with Khrome Werks Logo tip is the rear (top). Muffler with plain tip is the front (bottom).
4. Install new gaskets into the inlet of each Khrome Werks muffler HD part number 65900017.

5. Slide front / bottom muffler (Plain Tip) onto header pipe in the same position as original muffler. Align muffler bracket to mount and install the (2) ¼" socket head screws removed in step 1. Do not fully tighten yet. Repeat this process for the rear / top muffler (with Khrome Werks Logo)

6. Align front and rear mufflers with each other and tighten the (2) ¼" socket head screws on each muffler 12-14 ft-lb. Tighten muffler clamps 45-50 ft-lb.

7. Before operating motorcycle, clean pipes and mufflers with soap and water or window cleaner. Dry thoroughly. Also check all hardware to be sure it is tight.

8. Run motorcycle until completely warm. During the first warm up light smoke and smell are normal. Allow bike to completely cool and retorquer all fasteners and clamps.

**WARNING:** Check all mounting hardware to be sure it is tight before and after first operation of motorcycle. Periodically, check tightness of all mounting hardware.

**CAUTION:** Carefully read the enclosed Important Notice sheet. Recalibration may be required. Before recalibrating consider installing a high-performance air filter element or air cleaner for best performance.

**USE AND CARE:** Wash your accessories with the same care you use when washing your motorcycle. Use mild soap and water. DO NOT use abrasive chemicals or cleaners, or high-pressure washers.

**CAUTION:** Cover ends of mufflers when washing motorcycle. Mufflers may internally corrode if saturated with water and allowed to sit. (No warranty.) Avoid starting and stopping engine without riding sufficient miles to eliminate corrosive moisture from the exhaust system.



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**KHROME WERKS®**

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