



## INSTALLATION INSTRUCTIONS

2 1/2" and 3" Slip-on HP-PLUS® MUFFLERS for 2000-06  
H-D TWIN CAM 88B® FAT BOY® DEUCE™ models  
Mfg. p/n 202115, 202116, 202330, 202430  
(See pkg. label for Dist. p/n)

### 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 KHRÔME WERKS® 2 1/2" and 3" Slip-on HP-Plus® Mufflers on 2000-06 H-D Twin Cam 88B® Fat Boy® or Deuce™ 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 . 7/16+combination wrench or socket
- 1 . flat-blade screwdriver or 5/16+nut driver
- 1 . 9/16+combination wrench or socket
- 1 . 1/2" socket, 3/8+drive
- 1 . 3+socket extension, 3/8+drive
- 1 . 3/8+square drive ratchet wrench
- 1 . 3/8+drive torque wrench
- High-temp silicone (optional)

### PROCEDURE:

**NOTE:** Before beginning installation, note position and interaction of mufflers, heat shields, muffler clamps and brackets.

1. Loosen front and rear pipe heat shields (closest to the mufflers), or remove temporarily. Remove hose clamp closest to the muffler on the rear heat shield.
2. Loosen muffler clamp nuts. Remove the two (2) 5/16+screws that hold mufflers to black muffler support. Save hardware. Remove the muffler heat shield for easier access. Pull muffler assembly back until complete assembly is free.

**NOTE:** If stock system will not disassemble easily, apply penetrating oil to loosen bond.

3. Remove the six (6) 1/4" screws from the brackets that join the mufflers together. Save brackets and hardware.
4. Carefully remove and inspect the gasket and washer ring from the crossover port or the tube for the factory mufflers. If damaged, replace with H-D #65826-90A (gasket) and/or #65827-90 (washer ring). Install the washer ring and then the gasket, on the crossover tube of the Khrôme Werks® front muffler.

5. Remove clamps from the factory mufflers and loosely install them on the Khrôme Werks® mufflers in the same position.

**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. Silicone sealant is optional.

6. Install the brackets removed in Step 4 on the Khrôme Werks® mufflers, joining them together. Tighten screws to 15 ft-lb.
7. Apply a bead of silicone inside the inlet end of each muffler (optional).
8. Ensure that the muffler inlet clamps are in position and slip the new assembly onto the header pipes. Install the 5/16+screws through the muffler brackets and into the black muffler support. Finger tighten.
9. Position and snug the muffler inlet clamps so they are accessible, inconspicuous, and do not interfere with the heat shields. Tighten snugly. Use of anti-seize on threads will ensure proper clamping.
10. Realign complete system. When satisfied with alignment tighten the muffler inlet clamps (45-60 ft-lb.), and the muffler support screws.

**NOTE:** If alignment is difficult, loosen port nuts on rear pipe and fasteners that hold rear hanger bracket to frame. Align system and tighten all fasteners securely.

11. Reinstall OEM muffler heat shields on 3+HP-Plus® Mufflers. Install Khrôme Werks® Muffler Heat Shields (optional) on 2 1/2" mufflers. Note that the front and rear KW shields have different hose clamp bracket spacing. Line up front portion of shield with factory pipe shield. Tighten hose clamps securely.

**WARNING:** The OEM muffler heat shields DO NOT FIT the Khrôme Werks® 2 1/2" mufflers. Muffler heat shields are highly recommend to prevent severe burns to the passenger.

12. Before operating motorcycle, clean pipes and mufflers with soap and water or window cleaner. Any grease or oil will permanently burn onto pipes. Dry thoroughly.

**CAUTION:** Carefully read the enclosed Important Notice sheet. Re-jetting and or recalibration may be required.

**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.

**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).

**KHRÔME WERKS®**

P.O. BOX 355 • New Prague, MN 56071