



INSTALLATION INSTRUCTIONS
4.50" HP-PLUS® 2-1 PERFORMANCE
MUFFLER CONVERSION KIT Pat. Pending
FOR 2017 FLHT, FLHX, FLHR, FLTR
Mfg. p/n 202550, 202560, 202850, 202860
(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 KHROME WERKS® 4.50" 2-1 Performance Muffler Conversion Kit on 2017 Harley-Davidson FLHT, FLHX, FLHR, FLTR 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 – ½" combination wrench
- 1 – 9/16" combination wrench
- Supplies: New muffler clamps

PROCEDURE:

1. Remove saddlebags from bike.
2. Note position of the mounting bolts on the right side muffler clamp. Loosen muffler clamps on each side and slide forward.

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 clamps are being reused, apply anti-seize compound to the threads to ensure proper clamping.

3. Remove two 5/16" hex head screws and washers from rear muffler brackets on each side and save 2 sets. Slide old mufflers off header pipes. Remove muffler clamps. Discard old mufflers.
4. Note position of the mounting bolt on the crossover clamp. Loosen the clamp bolt. Remove the two crossover mounting bracket screws from the back of the transmission. Remove the crossover system and discard.
5. Install the supplied crossover block-off plug and cap using an OEM style clamp in the same position as the original clamps.
6. Install OEM style clamp on the KW muffler in the same position as the original clamp.

6. Slide muffler onto header pipes in the same position as original mufflers. The rear bracket on the muffler should be positioned halfway between the rubber mount on the saddlebag/muffler support and rotated on the header pipes so it is evenly aligned in the rubber mount slot when viewed from the rear. If muffler-to-header fit is loose, use silicone to seal. Install 5/16" hex head screws and washers removed in step 3 and tighten.

7. Position and orient the muffler clamp in the original position, making sure the clamp covers the rear edge of the clamping slots, and tighten.

CAUTION: When tightening the clamp ensure the muffler does not rotate left or right on the header pipe. The muffler may contact the axle if not properly aligned in the rubber mount.

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

9. Reinstall saddlebags.

10. Optional Baffle Insert P/N 202713P: Remove the Tip if equipped. Install the inserts with the supplied fasteners. Recalibration may be necessary.

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 end of muffler when washing motorcycle. Muffler 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.

NOTE: This muffler is designed for use on closed course competition motorcycles only and does not conform to U.S. EPA noise emission standards. This muffler is a "CAT Back" replacement for motorcycles equipped with a factory installed catalytic convertor ahead of the mufflers. **NOT LEGAL FOR SALE OR USE IN CALIFORNIA ON ANY POLLUTION CONTROLLED MOTOR VEHICLES.**

KHROME WERKS®

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