

USE AND WARRANTY DISCLAIMER

SuperTrapp Industries, Inc. of 4540 W. 160th Street, Cleveland, Ohio 44135 (SuperTrapp), warrants its SuperTrapp products against defects in factory materials and workmanship for one year from the date of purchase or until ownership in the product is transferred, whichever occurs first, subject to limitations below.

Under this warranty, SuperTrapp will repair or replace defective, covered parts, at option, or provide a replacement unit. SuperTrapp makes no warranty with respect to components of the SuperTrapp product not manufactured by SuperTrapp, including, but not limited to the following: clamps, nuts, bolts, packing, boots and hoses. Repair by SuperTrapp or replacement are the exclusive remedies under this written warranty or any implied warranty. SuperTrapp will not pay for the cost of removal or re-installation of the unit from any vehicle or for delivery and pick up of the unit. To obtain service under this warranty, the original purchaser must give specific written notice to his or her dealer within fifteen (15) days after discovery of any claimed defect in the unit, and must return such unit to the dealer within a reasonable time thereafter at the cost of the original purchaser.

This limited warranty is the only express warranty applicable to SuperTrapp product. Any implied warranty of merchantability or fitness for a particular purpose is limited in duration to the duration of this written warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

SuperTrapp shall not be responsible for any consequential, special or incidental damages of any nature including but not limited to the loss of use of any vehicle on which the unit may be installed and the cost of obtaining another substitute product. Some states do not allow the exclusion or limitation of incidental or consequential damages so this limitation or exclusion may not apply to you.

This warranty is valid only if proper size of the unit is installed, operated and maintained in accordance with factory instructions. This warranty does not cover any damage caused by (i) modification or alteration of the unit; (ii) improper installation, maintenance, operation or use; (iii) accident; (iv) servicing or repair by anyone other than SuperTrapp or its authorized agents.

CAUTION! Warranty does not cover chrome discoloration. You can minimize this problem by thoroughly cleaning and polishing the system before initial start-up, being sure the fuel mixture is not too lean, and preventing long periods of engine idle.

Since 1975, SuperTrapp has built a reputation on innovation and technical superiority. SuperTrapp® R&D is constantly designing, testing and improving; providing you with the latest in state of the art performance engineering. SuperTrapp® products are absolutely the best performance items available. They will provide years of trouble-free service.

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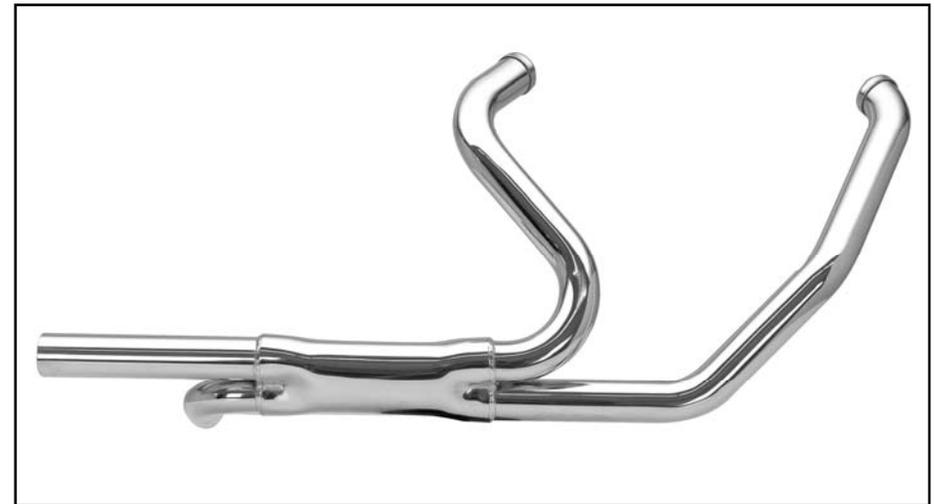


Installation Instructions

NOTICE: Please read before proceeding.

California laws specifically prohibit the use of any aftermarket product whose installation requires the removal of any emissions control related components. These laws are regulated by the California Air Resource Board (www.arb.ca.gov).

Please visit SuperTrapp.com/emissions for additional information.



SuperTrapp "Unfiltered" 2:1:2 Head Pipe, Chrome

188-71800 For Harley-Davidson® FLH/FLT Touring® Models

REMOVAL OF STOCK SYSTEM:

1. Remove the stock exhaust system as described in your service manual. This will require removing the right side floorboard. Retain the flange nuts, mufflers, and cross-over pipe for the new head pipe installation.
2. Remove the stock heat shields from the primary head pipe and retain for new head pipe installation.
3. Remove the stock snap rings and flanges from the head pipe and retain for the new head pipe installation.
4. Remove the oxygen sensors from the front and rear head pipes and retain for new head pipe installation.
5. The exhaust gaskets should be replaced to achieve a proper fit and seal. Replacement gaskets are available from your Harley-Davidson dealer. Port gasket part number 65324-83A and Cross-over inlet gasket part number 66813-09.

SYSTEM INSTALLATION:

1. Install the stock heat shields on the new head pipe. Align the shields and tighten all retainer clamps.
2. Install the stock flanges and snap rings on both head pipes.
3. Apply a **very light coating** of anti-seize to the threads of the oxygen sensors and install in the new head pipe. (**CAUTION:** Apply anti-seize to the threads of the oxygen sensor **ONLY**. Contamination of the sensor probe can adversely affect engine performance.)
NOTE: *The oxygen sensor connectors are color coded for proper installation. The GRAY connector is for the FRONT head pipe sensor and the BLACK connector is for the REAR head pipe sensor.*
4. Install the head pipe using the stock flange nuts. **DO NOT TIGHTEN.**
5. Align the bracket on the head pipe with the stock mount bracket at the transmission, pipe bracket should be under the transmission bracket. (**SEE FIG "A"**) (NOTE: you may need to loosen transmission bracket for proper alignment.) Install the stock carriage bolt and nut, **DO NOT TIGHTEN.**
6. Re-install the right side muffler and tighten all mounting hardware starting at the exhaust ports working back to the muffler mount.
7. Re-install the stock cross-over pipe and left side muffler. **NOTE:** *We recommend applying a light coating of High temperature silicone to the inside of the cross-over inlet prior to installation.*
8. Align the muffler and cross-over pipe and tighten all mounting hardware starting at the muffler working forward to the cross-over/head pipe joint.
9. Reconnect the oxygen sensors to the wiring harness.
10. Re-install the right side floorboard using the stock mounting hardware. Tighten to factory specifications.

IMPORTANT: CHECK AND RETIGHTEN ALL FASTENERS AND CLAMPS AFTER YOUR FIRST RIDE, THEN AT EACH SCHEDULED MAINTENANCE.

TUNING TIPS:

For maximum performance gains, we suggest using a free-flowing air filter kit with this exhaust system. As always, making performance modifications may affect the fuel delivery system of your motorcycle. It is recommended by Supertrapp to have your fuel delivery system tuned to ensure maximum performance and reliability. This work should always be performed by a certified technician.

