



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.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Outside the United States, a different warranty may apply. For details, please contact your authorized SuperTrapp distributor.



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.

2:2 Fatshots Series

For Harley Davidson® FLST/FXST Softail® Models, '84-'08 with or without oxygen sensors.

828-71660 Chrome 2:2 System with Full Coverage Heat Shields

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STOCK SYSTEM REMOVAL:

1. Remove the stock exhaust system as described in your service manual. (Retain the flange nuts for the new system installation).
2. Remove the stock flanges from the head pipes and retain for the new system installation.
3. Remove the stock exhaust mounting bracket.
4. Remove the right side passenger foot peg and retain for new system installation. (NOTE: use of the right side foot peg will require an extension to clear the exhaust.)
5. Remove the stock exhaust gaskets and replace them with new conical type gaskets, Harley Davidson part number 65324-83A.
6. **2007 - Later models:** Remove oxygen sensors from the front and rear head pipes and retain for new system installation.

SYSTEM INSTALLATION:

1. Install the new mount bracket to the right rear foot peg location using the stock foot peg with an extension. **(DO NOT TIGHTEN)**
2. Install the stock flanges on both head pipes.
3. **1984-2006 models:** Apply anti-seize to the threads of the oxygen sensor port plugs, supplied. Install the plugs into the head pipes and tighten.
2007- later models: Apply anti-seize to the threads of the oxygen sensors and install in new head pipes.
(VERY IMPORTANT: Apply anti-seize to the threads of the oxygen sensor ONLY. Contamination of the sensor probe can adversely affect engine performance.)
4. Install the new front head pipe using the stock flange nuts. **(DO NOT TIGHTEN)**
5. Slip one of the mufflers onto the head pipe and align the muffler with the lower mount point on the mounting bracket. Slide the supplied oval nut inside the muffler bracket, install the supplied 5/16 bolt and washer through the lower slot in the mounting bracket and into the oval nut. *Slide a small, flat blade, screwdriver between the nut and muffler to keep the nut in place while installing the bolt. (DO NOT TIGHTEN)*
6. Install the new rear head pipe using the stock flange nuts. **(DO NOT TIGHTEN)**
7. Slip the second muffler onto the head pipe and align the muffler with the upper mount point on the mounting bracket. Slide the supplied oval nut inside the muffler bracket, install the supplied 5/16 bolt and washer through the upper slot in the mounting bracket and into the oval nut. *Slide a small, flat blade, screwdriver between the nut and muffler to keep the nut in place while installing the bolt. (DO NOT TIGHTEN)*
8. The slotted mounting bracket allows you to align the mufflers in two different positions, staggered or aligned. Choose the muffler position you desire, align both pipes and tighten all fasteners. Start tightening from the exhaust ports and work back to the mufflers.

HEAT SHIELD INSTALLATION:

1. Slide the hose clamps into the slots on the back of each shield. Orient the clamps to gain the easiest access to tighten them while in position on the head pipe.
2. Install the heat shields on the head pipes. The rear of the heat shields should not touch the weld seam on the inlet of the muffler body. If the heat shield touches the weld seam, loosen the T-bolt clamp and adjust the muffler/ head pipe joint so that the heat shield does not touch.
3. Tighten all hose clamps.
4. Clean shields before starting engine.

IMPORTANT: AFTER A SHORT RIDE CHECK AND RETIGHTEN ALL FASTENERS

END CAP & DISC INSTALLATION:

1. Stand the muffler on the bench with the outlet end pointing up.
2. Place the appropriate amount of discs and end cap on the outlet of the muffler. The flat surface of the discs should be against the core with the outer lip angled away from the muffler. Align the (6) screw holes with the threaded inserts in the muffler outlet. (SEE DIAGRAM)
3. Insert the screws through the end cap and discs and into the threaded inserts in the muffler outlet. (SEE DIAGRAM)
4. Tighten the screws evenly in a cross pattern, SEE DIAGRAM. 4" discs should be tightened to 15-25 in/lbs and 5" discs to 40-50 in/lbs or once the screw head contacts the end cap tighten 2 full turns.

