

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.

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Installation Instructions



IMPORTANT!! This Fatshots exhaust system was developed to fit both wide and narrow tire platforms using the same mounting bracket. There are two sets of spacers supplied in the hardware kit, along with mounting bolts for the narrow tire platform. The wide tire platform will use the stock mounting bolts.

SuperTrapp Fatshots 2:1

828-74684 Chrome, For Harley-Davidson® Softail® Models 2018-Up.

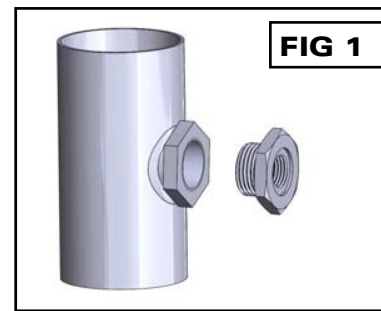
827-74684 Black, For Harley-Davidson® Softail® Models 2018-Up.

REMOVAL OF STOCK SYSTEM:

1. Unplug the front and rear oxygen sensors from the stock wiring harness.
2. Make sure the bike is secure and remove the right side passenger foot peg. Remove the retaining pin and carefully remove the foot peg along with the detent plate. Be careful not to lose the detent ball between the foot peg and the detent plate. Use a T45 Torx to remove the foot peg extension. Retain the bolt and extension for new system installation.
3. Remove the stock exhaust system and mounting bracket as described in your service manual. Retain the flange nuts and mount bolts for the new system installation.
4. Remove the stock snap rings and flanges from the head pipes and retain for the new system installation. Inspect and replace snap rings if cupped or twisted. Use HD part# **65325-83A**.
5. Remove the oxygen sensors from the front and rear head pipes and retain for new system installation.
6. For models with mid-controls or floorboards, you will need to remove the right side mid control or floor board to gain clearance to install this exhaust system.
7. The exhaust gaskets should be replaced to achieve a proper fit and seal. Replacement gaskets are available from your Harley- Davidson dealer, part# **65324-83A**.

SYSTEM INSTALLATION:

1. Install stock flanges on both head pipes using snap rings.
2. Mount discs/end cap on muffler. *See disc installation diagram.*
3. **This pipe was designed to accommodate both 12mm and 18mm oxygen sensors. When using 12mm sensors, install the 18mm-12mm adaptor supplied in the hardware kit. Apply a small amount of anti seize to the threads of the adaptor before installation. (See Figure 1) Apply a very light coating of anti-seize to the threads of the oxygen sensors and install the sensors 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 supplied exhaust mount bracket in the stock location using the hardware supplied as follows: On narrow tire models, use the 1.125" spacers and two 3/8"-16 X 2.00" hex head bolts with flat washers and lock washers. On wide tire models, use the stock mounting bolts with the .25" spacers, flat washers and lock washers. Tighten to manufacturers specifications, see service manual. (See Figure 2)
5. Mount the head pipe using the stock nuts. **DO NOT TIGHTEN.**
6. Slide two T-bolts (supplied) into the slotted bracket on the back of the muffler and install the T-bolt Clamp (supplied) onto the inlet end of the muffler.
7. Slide the muffler onto the outlet end of the head pipe. Align the T-bolts with the holes in the mounting bracket. Install the flat washers and locknuts onto the T-bolts. **DO NOT TIGHTEN.**
8. Align the system and tighten all fasteners and clamps starting at the mounting bracket and muffler and working up to the port flange nuts. Tighten ports evenly, alternating from front to rear.
9. Install the rear foot peg mount to the mounting bracket, aligning the notch in the foot peg mount to the standoff on the mounting bracket using factory bolt. Apply a small amount of thread locker to the threads. Slide the foot peg onto the mount and insert pin and fasten with the factory clip.
10. Reconnect the oxygen sensors to the wiring harness.
11. Continue to Heat Shield Installation instructions.



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 and collector. The tabs on the front of the collector shield must fit into the clips on the end of the front and rear shields.
3. Tighten the shields starting with the rear shield, then the collector shield, and finally the front shield. Align the shields as you tighten to minimize the gap between the head pipe and collector shields.
4. Re-install the right side floorboard or mid control as required. We suggest using a thread locking compound such as Loctite Blue 242/243 on the threads. Tighten to factory specs.

IMPORTANT: AFTER A SHORT RIDE CHECK AND RETIGHTEN ALL FASTENERS.

TUNING TIPS:

For maximum performance gains with stock tune, we suggest using 22 discs and a free-flowing air filter kit. Additional discs can be used but may require performance tuning. This work should always be performed by a qualified technician.

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.

