

## Limited Warranty

SuperTrapp Industries, Inc. of 4540 West 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 the 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 carburetion jetting 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.

## Accessories & Replacement Parts

When ordering accessories or replacement parts you may need the part number of this silencer. Please record the part number and date of manufacture here.

Part No. \_\_\_\_\_ Date of Manufacture \_\_\_\_\_

High Temp Lube      090-2622

Disc Pack (6 Discs)      504-6506

## Customer Service

*Call Dealership or Point of Purchase* in which the exhaust was purchased for questions on *returns, repairs, or fit and finish* of SuperTrapp products.

*Call SuperTrapp Customer Service* for *technical questions* between 8am-5pm Eastern Time, (216) 265-8400, or by fax, (216) 265-0130.

*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. The SuperTrapp 2:1 V-5 is the culmination of hundreds of hours of street, track and dyno-development. They will provide you with unmatched performance and lasting, trouble-free service.*

SuperTrapp Industries, Inc.  
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003-7132 02.03.06



# SuperTrapp V-5 2:1

## Installation Instructions

Chrome plated slip on with 2:1 headpipe extension, heatshield and canister; stainless core; polished aluminum TrappCap end cap.

**528-71132** / Harley-Davidson VRSCA / SE V-Rod

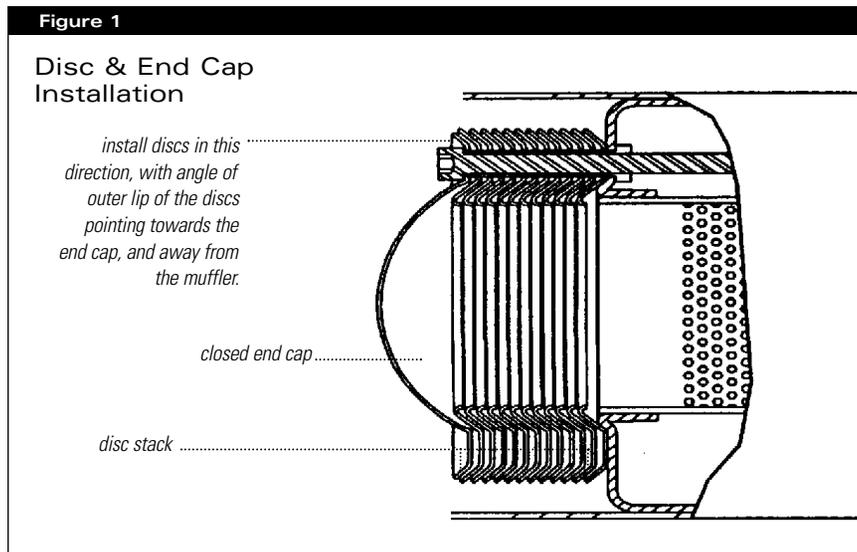
## Pre-Installation Notes

For ultimate performance we recommend re-mapping the fuel curve on this bike. We recommend the use of a product like DynoJet's Power Commander for this purpose.

## General Tuning Guide

The following will give you a base to work with in understanding how your SuperTrapp functions in relationship to the following parameters: POWER, SOUND, and JETTING.

Example: Let's say you start off with 12 discs and your bike runs fine, but you want more power. By adding discs you do three things: (1) the exhaust tone will get louder, (2) the motor will run leaner, and (3) your horsepower and power band will go up. It's the opposite if you take discs out; (1) the exhaust tone will get quieter, (2) the motor will run richer, and (3) the horsepower and power band will move down. The secret to performance tuning is knowing how to make parts work together. It is very difficult, even with sophisticated equipment, to determine absolute fuel changes. Temperature, humidity, elevation, engine modifications, etc., all play a role in determining correct jetting. As a rule, any increase in intake and/or exhaust flow will require an increase in fuel.

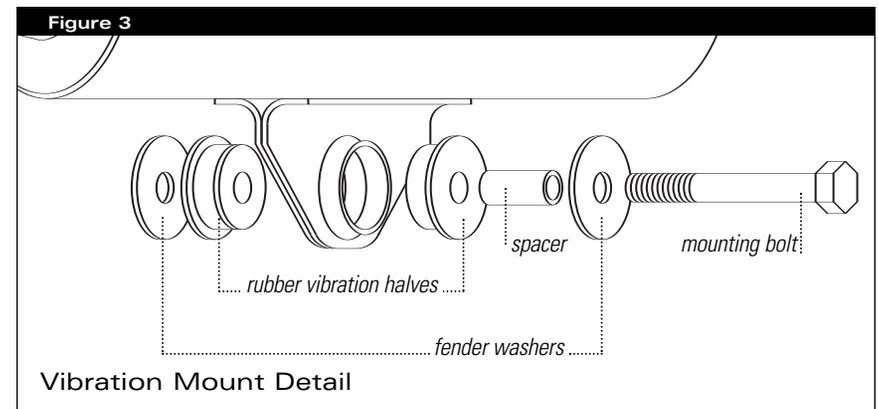
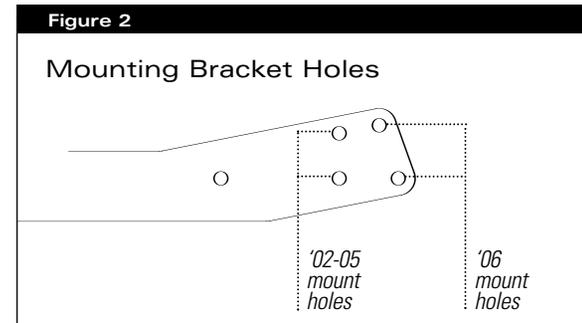


## Disc & End Cap Installation

- 1 Coat the (6) mounting screws with high temperature lube.
- 2 Install the (6) screws through the end cap and disc stack (See Figure 1.)
- 3 Rotate the muffler vertically so the discs drop against the core. Tighten the screws in a cross pattern to approximately 15 in/lbs. of torque. It is essential that they are torqued evenly.

## Stock System Removal

- 1 Remove mufflers and expansion chamber assembly. Retain the head pipe clamp for new system installation.
- 2 Remove stock mounting bracket. Retain mounting nuts for new system installation.
- 3 DO NOT remove the primary head pipes. These pipes are used with the new system.



## SuperTrapp Installation

- 1 Install the new mounting bracket in the stock location using the stock nuts. For '02-05 applications, use rear mount holes. For '06, use front two mount holes (See Figure 2.)
- 2 Install the stock head pipe clamp on the new collector assembly and slide the assembly over both stock head pipes. DO NOT tighten the clamp.
- 3 Install the rubber bushings and spacer (supplied) in the mounting bracket on the new muffler (See Figure 3.)
- 4 Slide the 2-1/2" T-bolt clamp (supplied) over the inlet of the muffler and slide the muffler onto the outlet end of the collector assembly. DO NOT tighten the clamp.
- 5 Align the muffler with the mounting hole on the bracket and install washers, bolt, and nut (supplied) as shown in Figure 3. DO NOT tighten the bolt.
- 6 Align the system on the bike making sure there is sufficient clearance and the system is not in a bind. Tighten all clamps and fasteners starting at the head pipe joint and working back to the mounting bolt.

## Heatshield Installation

- 1 Slide the hose clamps (supplied) through the brackets on the back of the heat shield. The large clamp goes on the collector end. NOTE: orient the clamps to gain the easiest access for tightening once the shield is installed.
- 2 Place the heat shield over the collector assembly. The forward end of the shield goes under the stock heat shield.
- 3 Align the heat shield and tighten all clamps.

IMPORTANT: After a short test ride, check and retighten all fasteners as necessary.