

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



SuperTrapp V-5 2:1

528-71134 Harley Davidson VRSCAW/AWA/X V-Rod

STOCK SYSTEM REMOVAL:

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

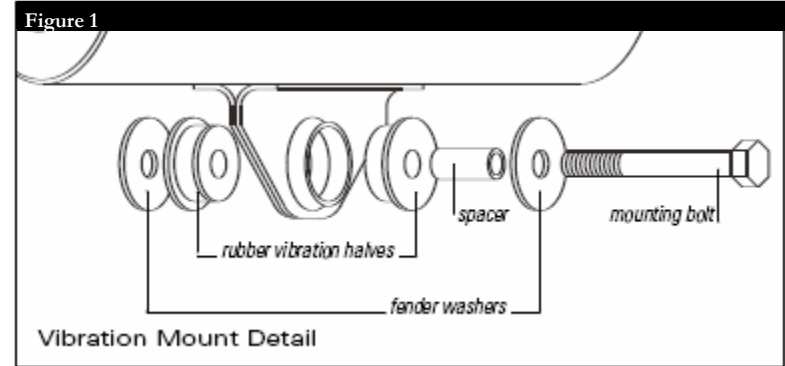
SYSTEM INSTALLATION:

1. Install the new mounting bracket in the stock location using the stock screws.
2. Install the stock head pipe clamp on the new collector assembly and slide the assembly over both stock head pipes. **DO NOT TIGHTEN.**
3. Install the rubber bushings and spacer (supplied) in the mounting bracket on the new muffler. (See Figure 1)
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.**
5. Align the muffler with the mounting hole on the bracket and install washers, bolt, and nut (supplied) as shown in Figure 1. **DO NOT TIGHTEN.**
6. Align the system on the bike, making sure there is sufficient clearance and the system is not in 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: CHECK AND RETIGHTEN ALL FASTENERS AFTER THE FIRST RIDE, THEN AT EACH SCHEDULED MAINTENANCE.



TUNING TIPS:

Your Supertrapp system is supplied with 12 discs. We suggest using 12 discs and the closed end cap with the stock air filter and box. 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.

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. Apply the high temp lube, supplied, to each screw and 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.

