

ACCESSORIES & REPLACEMENT PARTS

3" Disc 6-Pack	304-6506
3" Disc 12-Pack	304-6512
Screw 3-Pack with High-Temp Lube	304-7203
High-Temp Lube 3-pack	090-2622
Fiberglass Repack Kit	400-4020
3" 3-bolt Closed End Cap	304-3033
3" 3-bolt Open End Cap (Competition Use Only)	304-3034
Tapered End Cap	308-3340
Slash Cut End Cap	308-3560
2-1/2" Turndown End Cap	308-3608
3-1/2" Turndown End Cap	308-3635
Fishtail End Cap	308-3750

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.

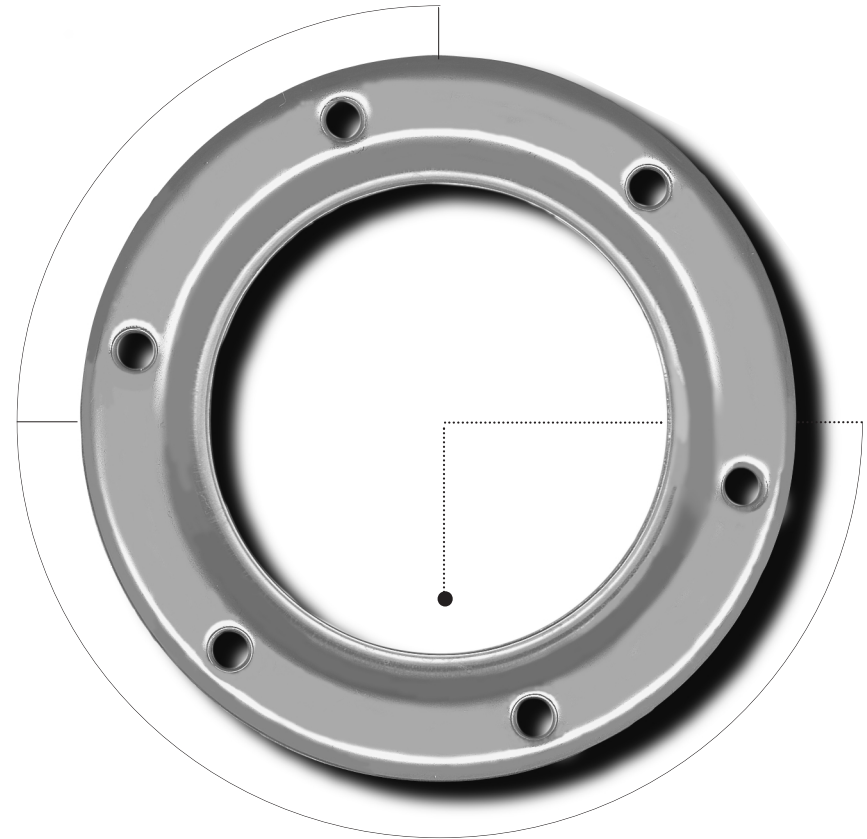
Call SuperTrapp® Customer Service for *technical questions* between 8am-5pm Eastern Time, (216) 265-8400, or by fax, (216) 265-0130.

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® 3" Internal Disc Series is the culmination of hundreds of hours of street, track and dyno development. It will provide you with unmatched performance and lasting, trouble-free service.



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3" Internal Disc Series

Harley Davidson FLH/FLT

628-78053 Slip Ons with Turndown End Caps
628-78054 Slip Ons with Fishtail End Caps
628-78055 Slip Ons with Tapered End Caps

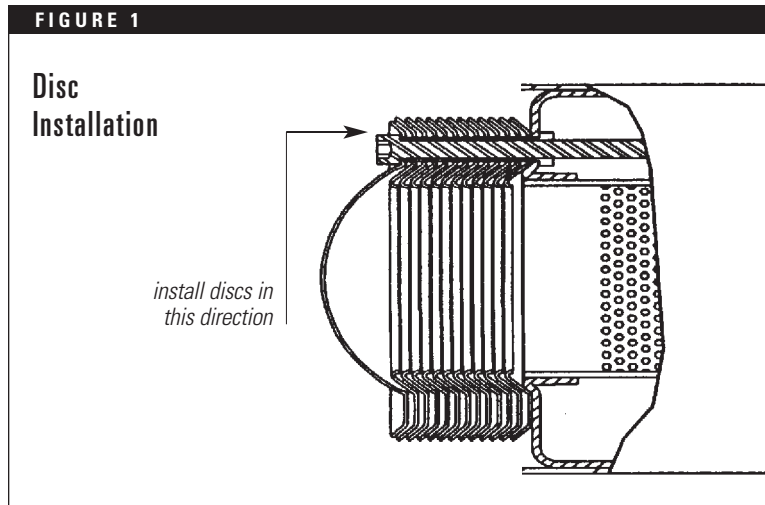
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STOCK SYSTEM REMOVAL

- 1 Remove saddlebags to gain access to muffler mounting bolts.
- 2 Remove inlet clamp bolt and two mounting bolts (each side).
- 3 Remove mufflers.

SUPERTRAPP® INSTALLATION

- 1 Slide stock clamps over inlets.
- 2 Install mufflers onto headpipes and line up mounting brackets. Tighten the two mounting bolts.
- 3 Tighten inlet clamps.
- 4 Install saddlebags.



DISC AND END CAP INSTALLATION

Install the diffuser discs with their outlets pointing away from the end cap as shown in Figure 1. To ease installation, first insert the three screws (with a small amount of Hi-Temp Lube) through the end cap and disc stack. Install the entire assembly into the muffler using the supplied T-Handle Hex Key inserted into one of the screw heads as a handle. Tighten screws in a cross pattern to approximately 45 in-lbs. It is essential that they are torqued evenly. Always use Hi-Temp Lube when installing or changing discs.

Insert end caps into mufflers and install button head screws and lock washers using Hi-Temp Lube and Hex Key provided. Note: Turnout style end caps can be positioned with the outlet either straight down or out to the side.

GENERAL TUNING

SuperTrapp® exhaust systems are uniquely tunable. Back pressure and noise level are controlled by the number of discs used. *Note: Increasing the number of discs creates a larger exhaust outlet area and therefore, causes less back pressure but more noise. Conversely, removing discs increases back pressure but reduces sound level.*

A stock engine with stock jetting will not benefit from using more than 12 discs. Using more than 12 discs will require richer jetting to prevent a lean condition which will cause chrome discoloration. Best all around performance will be achieved with an aftermarket air cleaner, and 18 to 22 discs depending on degree of engine modification.

With the internal disc design, there is a practical limit to the number of discs that can be used. The reason is, as the discs are added, the combined gap area of all the discs will eventually exceed the flow area between the outside of the discs and the inside of the muffler shell. Using more than 22 discs will not decrease back pressure further because the flow is limited by the gap around the discs. The Open End Cap, Part No. 304-3034 is then recommended for competition use only, if improved flow is required.

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.