

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 6 to 8 discs. Using more than 8 discs will require richer jetting to prevent a lean condition. Best all around performance will be achieved with a jet kit, an aftermarket air cleaner, and 18 to 30 discs depending on degree of engine modification.

You can minimize discoloration 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.

ACCESSORY AND REPLACEMENT PARTS

4" Disc 6-pack	404-6506
4" Disc 12-pack	404-6512
Screw 6-pack with Hi-Temp Lube (holds up to 20 discs)	404-7206
Screw 6-pack with Hi-Temp Lube (holds 15 to 34 discs)	404-7306
Hi-Temp Lube 3-pack	090-2622
Fiberglass Repack Kit	400-4020
4" 6-bolt Closed End Cap	406-3046
4" 6-bolt Open End Cap (Competition Use Only)	405-3056
Aluminum 6-bolt End Cap with Heatshield	402-3046
Replacement Core with Fiberglass	400-8208
Heatshield-Rear Headpipe	408-7800
Hardware Kit-For Chrome and Polished	010-7359
Hardware Kit-For Satin	010-7358
Megaphone Body-Chrome	027-7356
Megaphone Body-Polished	027-7355
Megaphone Body-Satin	027-7354
Headpipe Assembly-Chrome	050-1148
Headpipe Assembly-Polished	050-7359
Headpipe Assembly-Satin	050-7348
Support Tube	029-7358

CUSTOMER SERVICE

If you have any problems or questions, please call our technical support staff between 8:00 AM - 12:00 PM and 1:00 PM - 5:00 PM Eastern time at 216-265-8400 or fax at 216-265-0130

SuperTrapp

4" DISC 2:1 SYSTEM

HARLEY-DAVIDSON
FXDB/FXDC/FXDL/FXDS/FXDWG
DYNA CHASSIS 1991-96

Part Numbers: 825-71358 Satin
826-71359 Polished
828-71359 Chrome

SUPERTRAPP INDUSTRIES 4540 W 160 th Street, Cleveland, Ohio 44135

STOCK SYSTEM REMOVAL

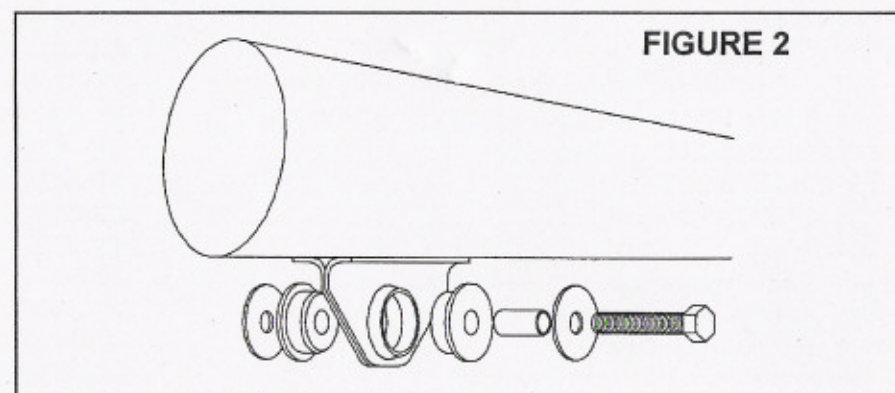
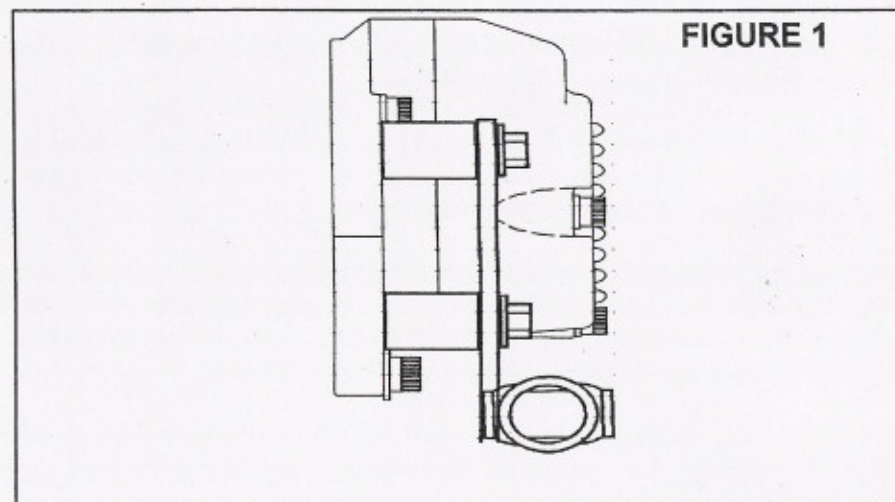
1. Loosen headpipe heatshields and remove exhaust flange nuts.
2. Unbolt headpipe clamps from engine and transmission bracket.
3. Remove complete exhaust system.
4. Remove headpipe brackets from engine and transmission.
5. Remove retaining rings and flanges from headpipes.

Note: To ease installation on models with forward controls, remove pivot bolt from rear brake pedal. Remove pedal (with rod attached) from pivot and let hang.

SUPERTRAPP INSTALLATION

Note: A wire retainer (HD part number 45095-85) will be required to properly secure ignition wire at engine timing cover.

1. Install wire retainer (see note above) with 2 1/4-20 x 1.25 socket head screws from the hardware kit and torque to OEM specs.
2. Install megaphone support bracket as shown in Fig 1, using bolts, washers and aluminum spacers from hardware kit. Do not tighten.
3. Install stock flanges using stock retaining rings on SuperTrapp headpipe.
4. Inspect exhaust gaskets and replace if necessary.
5. Install headpipes into exhaust ports using stock nuts finger tight.
6. Reinstall rear brake pedal on forward foot control models. Brake rod may have to be flexed slightly to get in position.
7. Check that breather hose on air cleaner(if so equipped) does not contact rear cylinder headpipe. If necessary, use supplied tie wrap to secure hose to push rod tube.
8. Assemble vibration mount hardware to megaphone mounting bracket as shown in Fig 2.
9. Assemble Vibration Mount hardware to megaphone mounting bracket as shown in Figure 4.
10. Slide megaphone onto collector with T-bolt clamp provided and loosely attach to mounting bracket.
11. Tighten in the following order: vibration mount, mounting bracket, T-bolt clamp, front headpipe clamp, and headpipe flange nuts.



DISC AND END CAP INSTALLATION

Install Discs with their outlets pointing away from megaphone body. Apply a small amount of Hi-Temp Lube to each screw and tighten in a cross-pattern. It is essential that they are torqued evenly. Always use Hi-Temp Lube when installing or changing discs.