

Turbo Stripper ***Repairing the Hydraulic System***

To repair the hydraulic system, use the **Sinclair Hydraulic Clutch Repair Kit**, which can be ordered through your local distributor.

Hydraulic Clutch Repair Kit

This kit contains all hydraulic fittings, compression washers, tubing, fluid, and specific tools necessary to completely rebuild the Turbo® Stripper's hydraulic clutch assembly. Not included in the kit is a master cylinder and slave cylinder. If either of these components are damaged and required replacement, you can purchase a complete hydraulic assembly from Sinclair Equipment Company.

The hydraulic fluid provided with the kit is a non-toxic, biodegradable, mineral oil based product, and no special handling or disposal requirements are necessary. You should not, however, accept any substitutes. Automotive brake fluid and other petro-chemical or glycol based hydraulic products are caustic, will deteriorate the tubing and internal working parts of this system, and should not be used.

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The kit includes two nylon blocks with grooves cut in them to assist in installing the barbed fittings on the tubing ends.

Using a sharp knife cut the end of the tubing to be installed as clean and square as possible.

In a vise, clamp the end of the tube in the nylon blocks, allowing about 1/2 inch of tubing to stick out past the end of the blocks. Using a plastic mallet or similar lightweight hammer, tap the barbed, 90 degree (banjo shaped) fitting into the end of the tubing as far as it will go.

Before installing a fitting on both ends of the tubing, make sure that the spring-like cable sheath #1 for both ends are in place on the tubing.

For a more reliable repair, you should always replace all fittings and compression washers with each new assembly. Each 90-degree connection requires two washers and the slave cylinder bleeder screw needs one.

Measuring the tubing length and installing the tube is best done with the master and slave cylinders installed on the machine. The idea is to mount the 90-degree connectors in the proper direction and with enough tubing to avoid stressing the barbed fitting/tubing connection during normal use.