

INSTRUCTIONS

617-4835 617-4837
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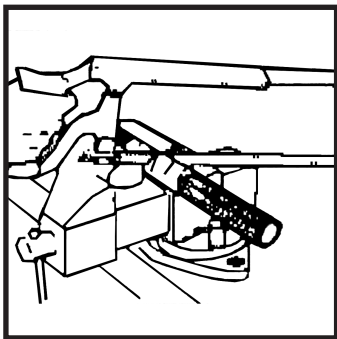
POWER STEERING HOSE KIT

Hose ends that are attached to the hoses thread into the rack and pinion or gearbox (depending on application.) Notice there are 2 ID sizes of hose.

RETURN HOSE: The larger hose(3/8" ID) is the return line. It connects to the nipple on the pump (or if using remote reservoir, the fitting supplied in the remote reservoir kit) with the supplied chrome hose clamp/cover.

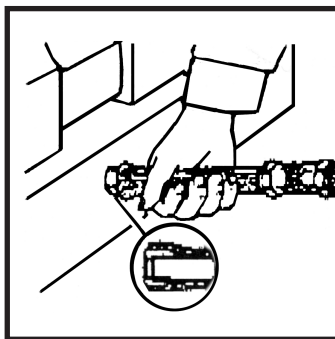
PRESSURE HOSE: The smaller hose (5/16" ID) is the pressure hose and must be attached to the supplied banjo fitting using the instructions below. It is best to cut the hose with an abrasive cut-off wheel or chop saw. The banjo fitting seals off the flow control valve with the supplied copper crush washers on all GM or Ford power steering pumps with a female fitting.

Both hoses can be cut to fit for application.

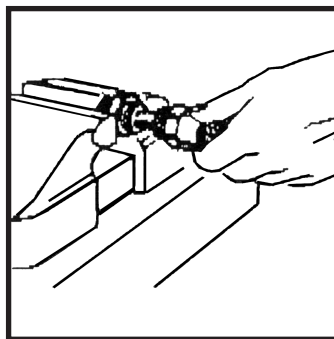


STEP 1: Cut hose square to length with fine-tooth hack saw or cut-off wheel. To minimize wire braid flare out, wrap hose with masking tape and cut through tape. Remove tape, trim loose wires and flush with lube before next step. Burrs on bore of tube should be removed with a knife. Clean the hose bore.

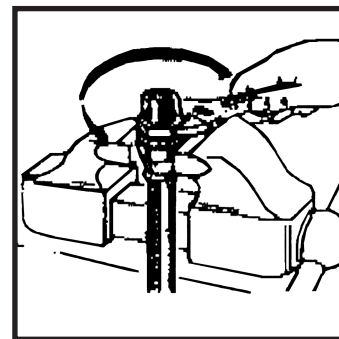
Sometimes wire braid hose will "neck down" on one end and "flare out" on the other end. This can be used to an advantage. Slip two sockets back to back over the "necked down" end of the hose, position approximately 3 inches from each end. Mount nipple hex in a vise. Work the hose bore over the nipple to size the tube and aid in separating the braid prior to fitting the sleeve. Remove hose from nipple.



STEP 2: Push the sleeve over the end of the tube and under the wire braid by hand. Complete positioning of the sleeve by pushing the hose end against a flat surface. Visually inspect to see that the tube butts against the inside shoulder of the sleeve. Set the sleeve barbs into the Teflon tube by pushing a round nose tapered punch into the end of the sleeve and tube.



STEP 3: Lubricate nipple and socket threads. Use a molydisulfide base lubricant for stainless steel fittings (e.g. Molykote Type G); lubricants containing chloride are not recommended. Other material combinations use standard petroleum lubricants. Hold the nipple with hex in the vise. Push hose over nipple with twisting motion until seated against nipple chamber. Push socket forward and start threading of socket to nipple.



STEP 4: Wrench tighten hex until clearance with socket hex is at .031 inches. Your thumbnail is a convenient measuring device. Tighten further to align corners of nipple and socket hexes. **CLEAN. PROOF TEST TWICE OPERATING TO PRESSURE AND INSPECT ALL ASSEMBLIES.**

To disassemble: Unscrew and remove nipple; slide socket back on hose by tapping against flat surface; remove sleeve with pliers. Important: Fittings may be disassembled and reused at least once. However, all such fittings should be carefully examined for distortion, thread damage and ID dimensions. New sleeve is recommended upon reuse of fitting.

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IMPORTANT

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