



Installation Instructions

This guide covers the following Item Numbers:

997,998,1001,1002,1007,1009,1200,1210

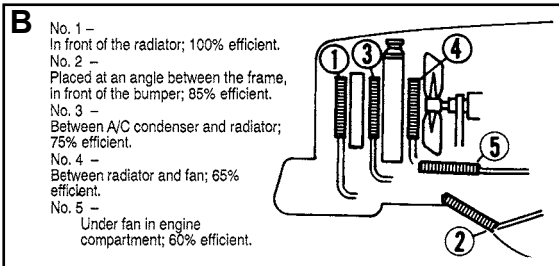
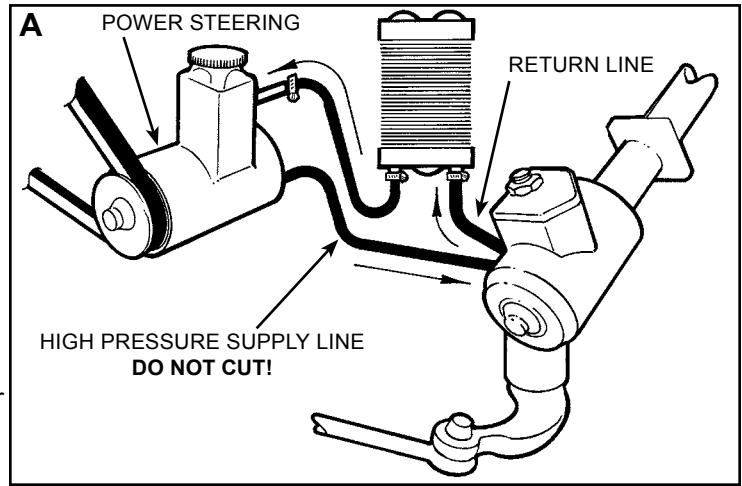
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Power Steering Fluid Cooling System

IMPORTANT! READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

Identify and remove the low pressure (or return line) hose. The original factory hose is usually secured by a band or screw type clamp. Refer to the proper service manual if necessary to determine the correct hose (see Illustration A). **WARNING: DO NOT CUT OR REMOVE THE HIGH PRESSURE SUPPLY HOSE!!** This hose is usually larger in diameter and has swaged fittings that **SCREW** into the power-steering pump and/or gearbox.

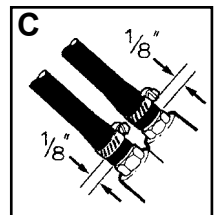
Keep in mind the amount of hose supplied, and install the coil using the supplied hardware. Coil can be mounted in any location, however, the location of the coil directly affects its efficiency. The coil can be mounted in front of or behind the radiator, although the two should not touch each other, 1/4" (6mm) is adequate (see Illustration B).



Place hose clamps over hose, and install hose onto the power-steering pump fitting. Route hose to the cooler coil, and then from the cooler coil to the gearbox or steering cylinder. Be sure of installation before installing hoses, the special high temperature hose supplied is difficult to remove from barbed fittings after installation!

CAUTION: Route the hoses away from exhaust pipes, manifolds, or headers. Avoid sharp edges. Do not bend tighter than a 5 inch radius. Secure all hoses with clamps or nylon straps if necessary.

Position the hose clamps 1/8" (3mm) from the end of the hose, and tighten. The proper tension is indicated by the hose surface slightly bulging up through the hose clamp slots (see Illustration C).



When installation is complete, bring the power steering fluid in the reservoir up to the correct level.

Test as follows before driving on the street:

- A. Verify that all fittings, hose clamps, and hose are secure.
- B. Set parking brake. Set transmission in Neutral/Park. Start the engine and immediately check for leaks at all fittings, hose clamps, and the cooler coil. If any leaks are observed, **STOP THE ENGINE IMMEDIATELY!!** Fix any leaks before continuing the test.
- C. Idle the engine for approximately 5 minutes, continuing to check for leaks. Have an assistant turn the steering wheel slowly back and forth several times. Verify that the hoses will not interfere or get in the way of any moving suspension parts.