

COOL-TEK™

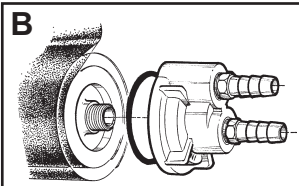
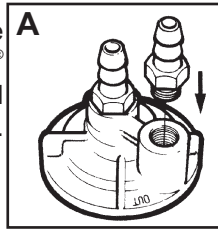
MAZDA 1983-1997 1.3-2.5 LITER P/N 70105 INSTALLATION INSTRUCTIONS

IMPORTANT!! READ COMPLETE INSTRUCTION SHEET BEFORE BEGINNING INSTALLATION.

Thank you for your purchase of our product(s).

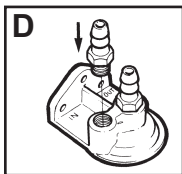
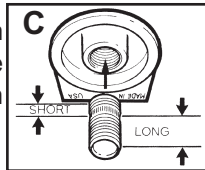
With the motor cold, remove the old oil filter. Clean the sealing surface.

Install the two hose fittings in the engine adapter. Seal the threads with Teflon® tape or appropriate sealer. **MAXIMUM** torque on the fittings is 28 ft lbs (38 Nm). **DO NOT OVER-TIGHTEN.** (Illustration A).



Install adapter in place of the oil filter. Tighten by hand 1/4 turn past contact with the sealing surface. **Note: An O-ring MUST be used between adapter and the engine.** (Illustration B).

Install the threaded nipple into the bottom of the remote oil filter bracket. Insert the shortest end in the bracket and tighten securely. (Illustration C).

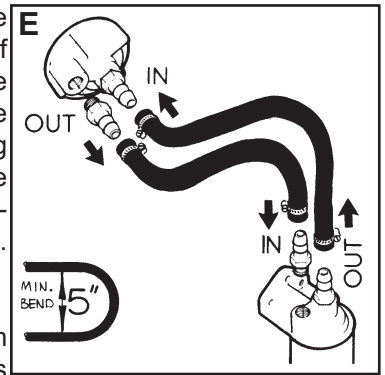


Install the two hose fittings in the filter bracket. Seal the threads with Teflon® tape or appropriate sealer. **MAXIMUM** torque on the fittings is 28 ft lbs (38 Nm). **DO NOT OVER-TIGHTEN.** (Illustration D).

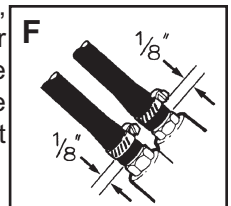
Uncoil the hose to its full length and measure. The maximum distance the bracket can be mounted is one half the distance of the total hose length. Select a location and mount the remote oil filter bracket. Mark and drill the mounting holes. Attach bracket using the fasteners supplied. Consider the following when choosing a location; the weight of the bracket and full oil filter and a minimum of 1" clearance in all directions of the filter cannister.

Slide two (2) loose hose clamps over the hose. Push the hose over the "OUT" fitting on the motor adapter. Position and fit the hose to deliver motor oil to the remote oil filter bracket "IN" fitting. Keep the hose away from hot surfaces and sharp edges. Do not bend the hose sharper than a five inch radius. Rough cut the hose with at least 1 inch longer than needed. Push hose end over the "IN" fitting on the filter bracket. (Illustration E).

Slide two (2) loose hose clamps over the end of remaining hose. Complete the circuit by adding the piece of hose connecting the "IN" fitting on the engine adapter to the remote oil filter bracket "OUT" fitting. (Illustration E).



Trim all hose to optimum length. Position the clamps 1/8" (4 mm) from the end of the hose, and tighten. (Illustration F). The proper tension is indicated by the hose surface bulging slightly up through the slots in the clamps. The hose should not rip or burst through the slots.



CAUTION: Avoid hot exhaust pipes, manifolds, or headers. **DO NOT BEND** the hose sharper than a 5 inch radius. Secure hoses with clamps or tie-straps if necessary.

Install a new OEM style full flow oil filter on the remote filter bracket. Lubricate the oil filter gasket with new motor oil and hand turn 1/2 turn after gasket contacts the sealing surface. It is recommended that the oil filter be filled with new oil **BEFORE** installation.

When installation is completed, test as follows **BEFORE DRIVING VEHICLE ON THE STREET:**

- Recheck all fittings, adapters, clamps, and hose for proper tension and safe routing.
- Set parking brake. Place transmission in "PARK" or "NEUTRAL". Start engine and immediately check oil pressure.
- Check for leaks at adapters, fittings, hose and clamps. If leaks are observed, **STOP MOTOR IMMEDIATELY!!!**
- Idle motor for 10 minutes. Continue to check for leaks.
- Stop engine. Check oil level with dipstick. Add oil if necessary. **DO NOT OVERFILL!** Operate vehicle in normal manner for a day or so. **RECHECK** all hose clamps for proper tension. Retighten if necessary.

GENERAL INFORMATION: Check hoses every six months for tears, collapsed or pinched sections. The hose should be replaced every two years. Hoses should be position to provide easy drain off during oil changes.