

REMOTE ADAPTER KIT INSTALLATION PROCEDURE

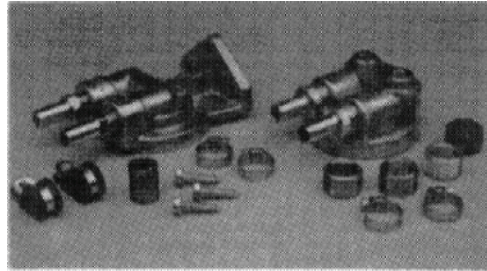


Image of Adapter Kit Components

A remote filter mount is used to re-locate engine oil filter to a more convenient location due to the inability to use a sandwich adapter when installing an engine cooler because of space limitations.

INSTALLATION REQUIREMENTS:

PROPER INSTALLATION IS THE RESPONSIBILITY OF THE INSTALLER.

Figure 1: Illustration showing a bend with no less than a 3 inch radius.

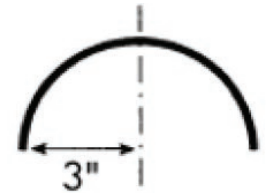


FIG. 1

Figure 1
3 inches

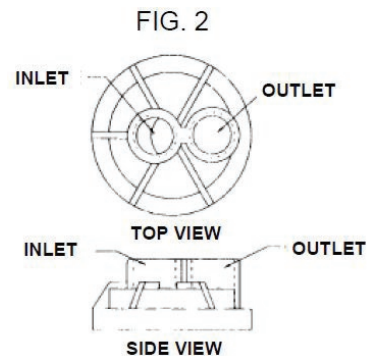
1. Keep rubber hoses away from sharp edges, hot exhaust pipes, manifolds and/or points of wear. CAUTION: On vehicles with less than 6 inches of clearance between the engine's exhaust and the oil cooler hose, install metal line kit to prevent heat damage to the oil cooler hose.
2. Do not bend hose less than a 3 inch radius. Keep hose length as short as possible and always cut the hose 1 inch longer than measured. (See Figure 1)
3. Do not overtighten hose clamps. Tighten only until rubber is level with the slots in hose clamp. Overtightening can cause hose failure.
4. Use Teflon tape or suitable thread sealant when installing fittings. Tighten to 15 foot pounds.

REQUIRED TOOLS:

1. Filter Wrench & Catch Pan
2. Screwdriver, Wrench, Pliers & Knife
3. Drill & Drill Bits
4. Engine Oil as needed

Figure 2: Illustration depicting proper in and out flow of all fittings.

Figure 2
Top View
Inlet
Outlet
Side View
Inlet
Outlet



REMOTE ADAPTER INSTALLATION:

Carefully check Figure 2 for proper in and out flow of all fittings.

1. Remove the engine oil filter.
2. Verify correct bushing by threading it onto the oil filter nipple.
3. Install hose barbs in engine and remote adapters.
4. On the engine adapter with four ports (Figure 3), thread the 1/2 inch MPT plugs into the two unused ports.
5. Apply a light coat of engine oil to o-ring seal in engine adapter. Screw bushing into adapter. Thread adapter on engine and tighten by hand.
6. Using the remote filter adapter as a template, drill three 1/8 inch mounting holes. Fasten with the sheet metal screws supplied in kit.
7. Screw the short end of threaded nipple into the remote filter adapter.

FIG. 3

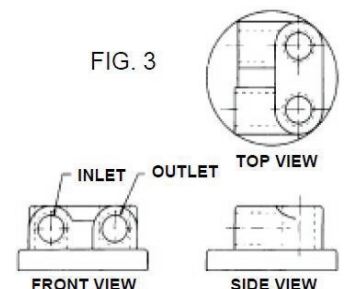
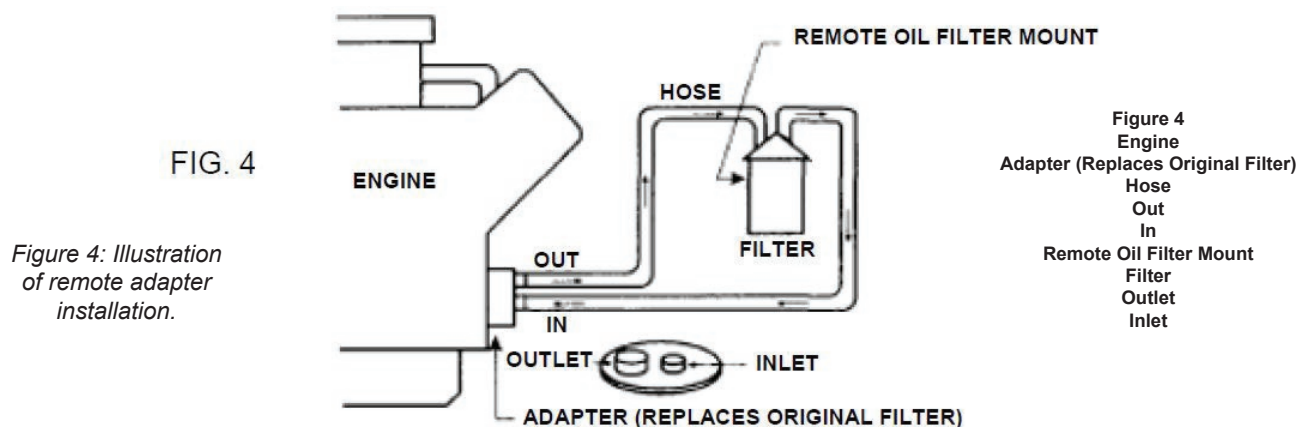


Figure 3: Illustration of engine adapter with four ports.

Figure 3
Top View
Front View
Inlet
Outlet
Side View

8. Cut hoses to length. Run hose from engine adapter outlet to inlet on remote filter. Complete hose assembly and tighten clamps. See Figure 4.



CAUTION: Pay attention to the “in and out” of the remote filter adapter in order to assure proper oil flow. Many filters have anti-drain back features and only flow in one direction.

9. When installation is complete, test as follows:
 - a. Start engine, immediately check for oil pressure.
 - b. Check for possible leaks.
 - c. Run engine at idle for ten minutes.
 - d. Check the oil level. Add as necessary. Do not overfill.

REMOTE ADAPTER WITH THERMOSTATIC SANDWICH ADAPTER (FIGURE 5)

1. Remove oil filter.
2. Apply a light coating of engine oil to o-ring seal in sandwich adapter. Fasten it to the remote adapter with 3/4 inch to 16 THD mounting nut. Tighten mounting nut and reinstall oil filter.
3. Refer to Figure 5 and engine oil cooler instruction sheet for cooler installation and hose routing.

Figure 5: Illustration of remote adapter with thermostatic sandwich adapter.

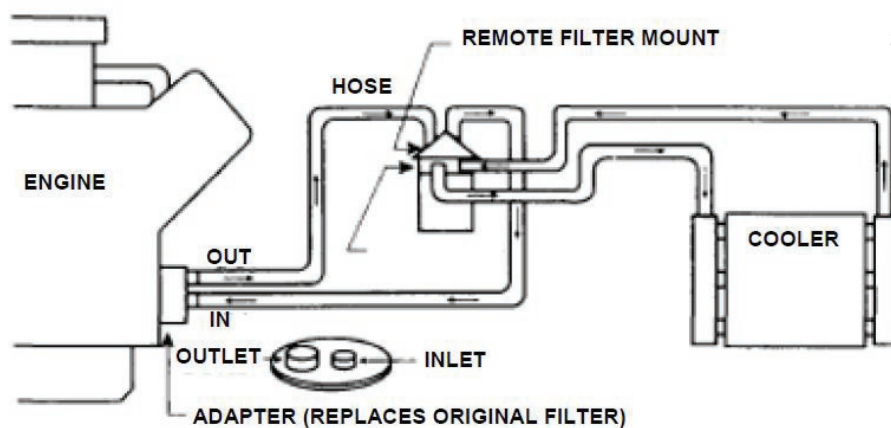


Figure 5
 Engine
 Adapter (Replaces Original Filter)
 Hose
 Out
 In
 Remote Filter Mount
 Cooler
 Outlet
 Inlet

FIG. 5