

INSTALLATION INSTRUCTIONS

COOLANT CONDITIONER/FILTER SPIN-ON BASE

This cooling system condition/filter base may be installed on any gasoline or diesel engine so long as the following conditions are met:

Filter Base Location

1. Should be below top tank radiator.
2. Should hang down vertically from base.
3. Easily accessible for service.
4. In a safe place, free from possible damage.

Inlet Connection

1. Locate at a point on block where the coolant pressure is high (water pump, block drain, water heater, air compressor water jacket, water manifold, cylinder head openings, thermostat housing, tee into heater inlet line).
2. Hose should be as short as possible and a minimum of 5/8" I.D.
3. A shut-off valve should be installed in hose for convenience of service.
4. One of the elbows supplied with base assembly may be used to adapt hose to base.

Outlet Hose Connection

1. Locate at a point on block where the coolant pressure is low; by-pass line, return line from radiator to water pump (suction side), oil cooler (when located between radiator and pump) tee into heater outlet line.
2. Hose should be as short as possible with a minimum of 5/8" I.D.
3. A shut-off valve should be installed in hose for convenience of service.
4. One of the elbows supplied with base assembly may be used to adapt hose to base.

Caution: Rerecheck Installation

1. Be sure all connections are tight and valves are open.
2. Start engine and allow to idle for about 10 minutes.
3. Increase engine speed and re-check connections for leaks. If air lock is apparent, then remove outlet line at engine momentarily until coolant flows, then close.

RECOMMENDED FILTER SERVICE INTERVAL:

Follow recommendations supplied with filter.