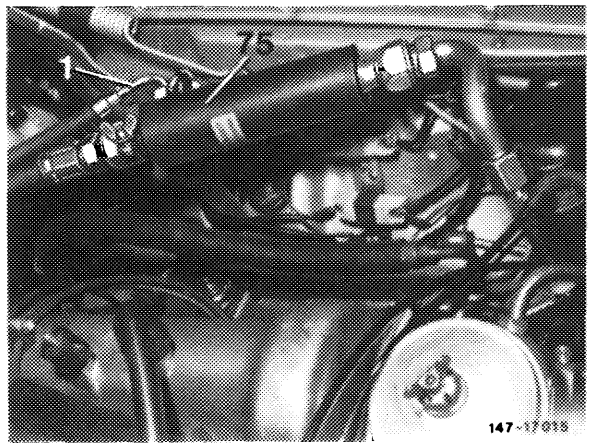
(J) (USA) starting 1981

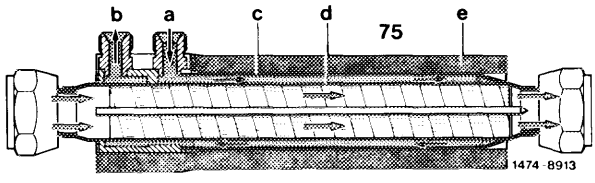
To keep temperature of fuel as low as possible even at high outside temperatures, a fuel cooler is installed in refrigerant line from evaporator to refrigerant compressor. The cooler is a double-tube version, with the refrigerant (R 12) flowing through inner tube and the fuel to be cooled through annular space between outer and inner tube.



Model 126

With the engine running, the excess fuel in fuel distributor flows pressureless through return flow line (1) and fuel cooler (75) back into fuel tank.

As long as the refrigerant compressor is switched on, the gaseous refrigerant which flows through inner tube of fuel cooler will draw heat from fuel.



a Fuel inlet
b Fuel outlet
c Outer tube
d Inner tube
e Armaflex hose