

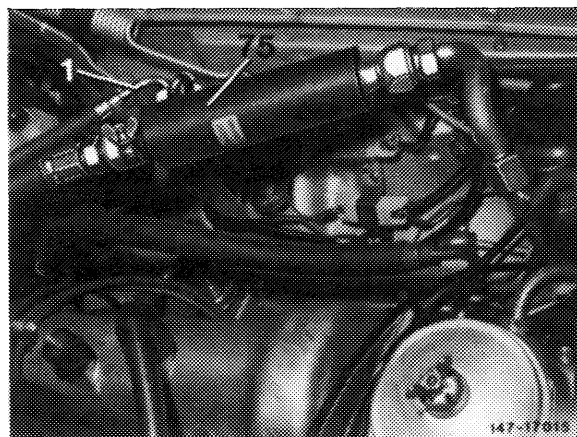
(J) starting 1979, (USA) starting 1980

Model 107, 116

### General

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

75 Fuel cooler



### Operation

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

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

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

