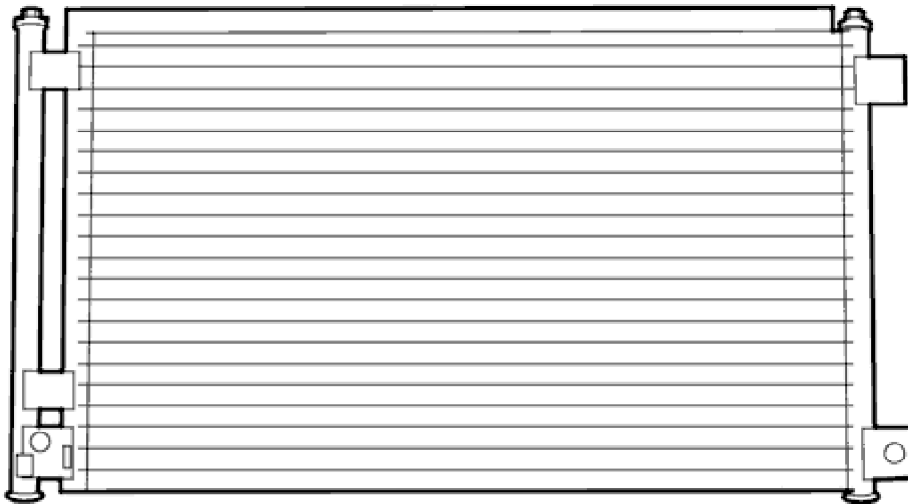


2003 S-TYPE - Air Conditioning - 412-03

An A/C compressor pressure relief valve is incorporated in the compressor A/C manifold and tube to:

- relieve unusually high refrigerant system discharge pressure buildups.
- prevent damage to the A/C compressor and other system components.
- avoid total refrigerant loss by closing after the excessive pressure has been relieved.

Condenser Core



E30481

The A/C condenser core has the following characteristics:

- It is an aluminum fin and tube design heat exchanger located in front of the vehicle radiator.
- It cools compressed refrigerant gas by allowing air to pass over fins and tubes to extract heat and by condensing gas to liquid refrigerant as it is cooled.
- The tube assembly mounted on the side of the condenser core contains the desiccant bag.

Desiccant bag

The desiccant bag removes any retained moisture in the A/C system. The A/C system has an R-134a leak trace dye wafer incorporated into the desiccant bag.