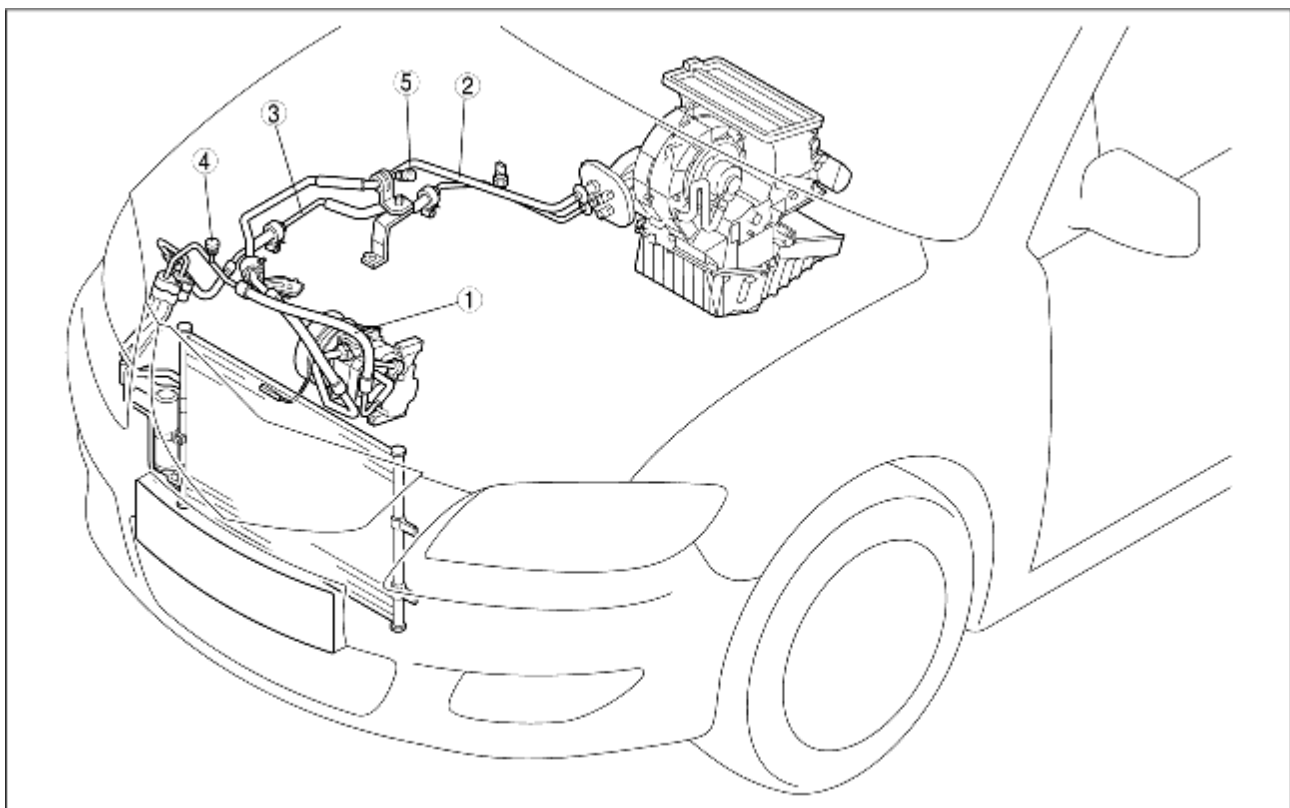


REFRIGERANT LINE CONSTRUCTION

B3E071161460T01

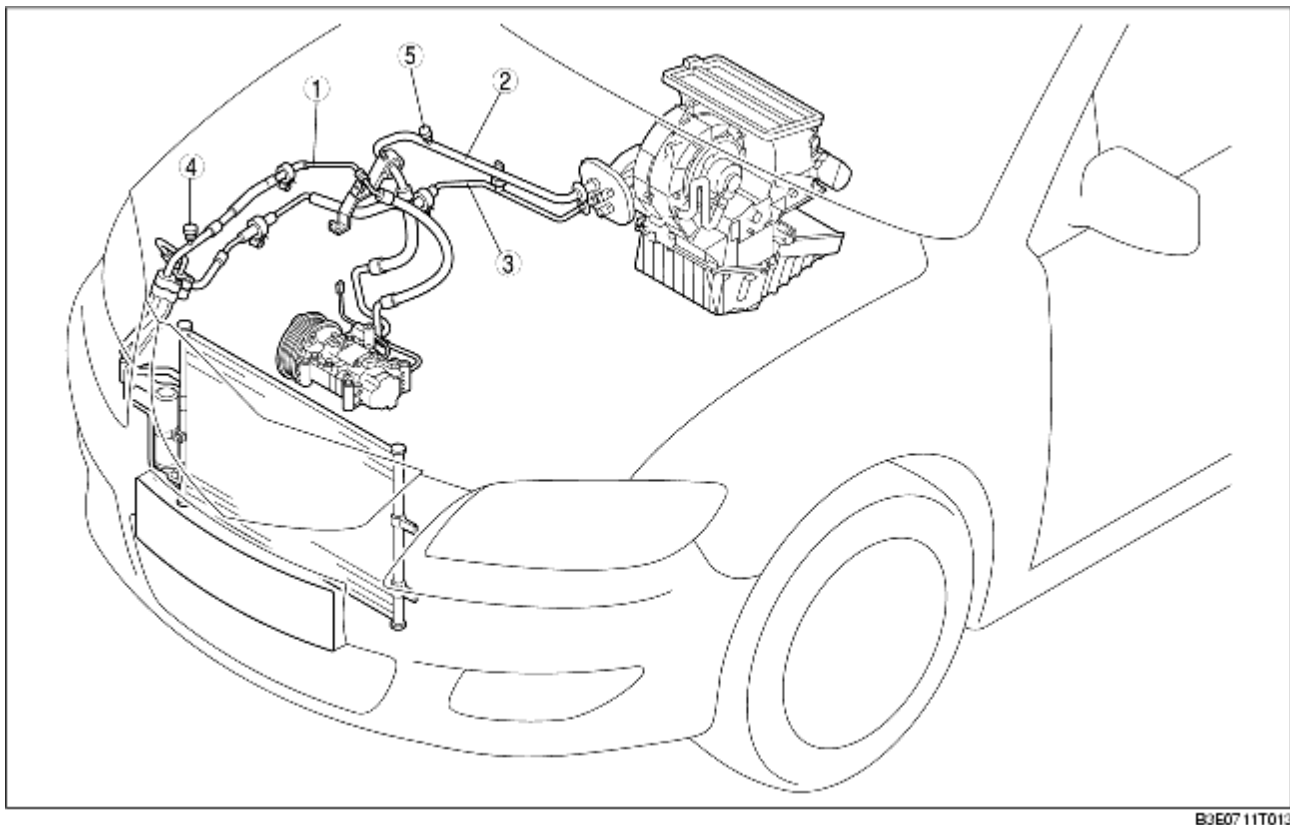
Construction

- The pipes in the refrigerant lines are made of aluminum alloy and the hoses are made of rubber (flexible hose).
- A high-pressure charging valve is located on the cooler hose (HI) and a low-pressure charging valve is located on the cooler hose (LO).

Z6, ZJ

B3E0711T012

LF

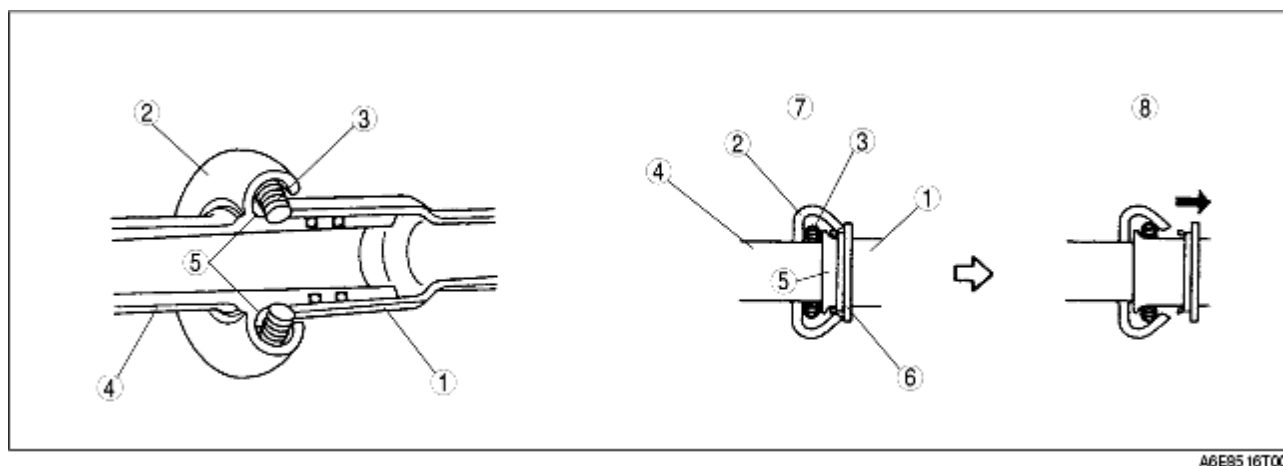


B3E07 11T013

1	Cooler hose (HI)
2	Cooler hose (LO)
3	Cooler pipe
4	High-pressure charging valve
5	Low-pressure charging valve

Spring-lock Coupling

- Spring-lock coupling is used for pipe-to-pipe connections. As a result, pipes can be connected easily, maintenance of torque is unnecessary, and serviceability is improved.
- There is a garter spring in the cage on the male side (cooler pipe or cooler hose (LO)) of spring-lock coupling type and the end of the pipe on the female side (A/C unit) is flared. When the pipes are being connected, the flared end of the female side forces the garter spring on the female side to expand, and by fully inserting the male side into the female side, the flared end is locked by the garter spring. When the cooler pipe or cooler hose (LO) is replaced, the additional indicator ring comes out after connecting, indicating that the flared end is locked.



1	Female side
2	Cage
3	Garter spring
4	Male side
5	Flared end
6	Indicator ring
7	Unlocked
8	Locked