

REFRIGERANT LINES REMOVAL/INSTALLATION [Z6, ZJ]

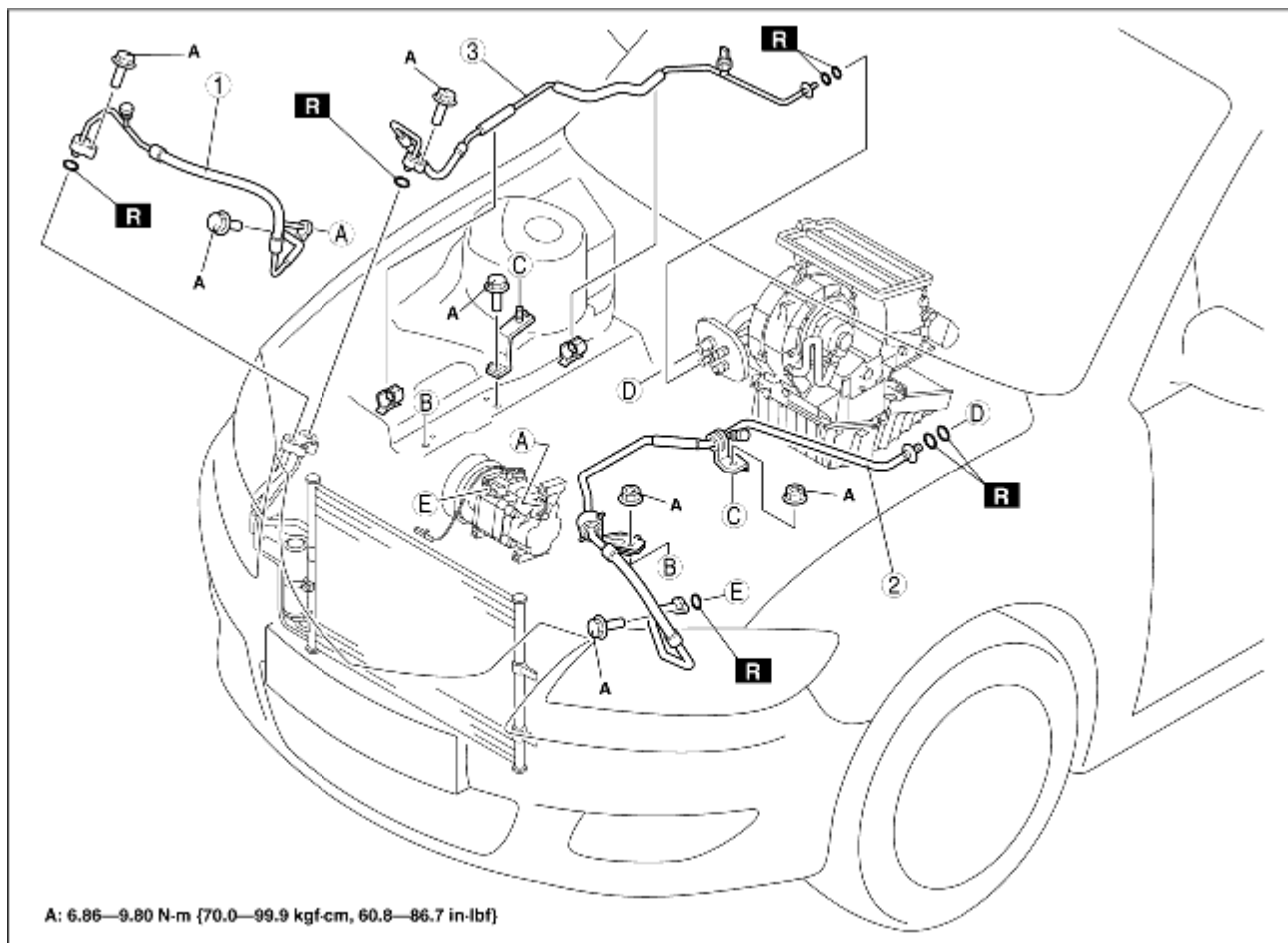
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1. Disconnect the negative battery cable.
2. Discharge the refrigerant from the system. (See [REFRIGERANT RECOVERY.](#)) (See [REFRIGERANT CHARGING.](#))
3. Remove the P/S fluid reserve tank.
4. Remove the coolant reserve tank. (See [COOLANT RESERVE TANK REMOVAL/INSTALLATION.](#))
5. Remove the accelerator cable.
6. Remove the P/S fluid hose bracket.
7. Remove in the order indicated in the table. Do not allow compressor oil to spill.

Caution

- If moisture or foreign material enters the refrigeration cycle, cooling ability will be lowered and abnormal noise will occur. Always immediately plug all open fittings after removing any refrigeration cycle parts to keep moisture or foreign material out of the cycle.

8. Install in the reverse order of removal.
9. Perform the refrigerant system performance test. (See [REFRIGERANT SYSTEM PERFORMANCE TEST.](#))



1	Cooler hose (HI) (See Refrigerant Line Removal Note) (See Refrigerant Line Installation Note)
2	Cooler hose (LO) (See Refrigerant Line Removal Note) (See Refrigerant Line Installation Note)
3	Cooler pipe (See Refrigerant Line Removal Note) (See Refrigerant Line Installation Note)

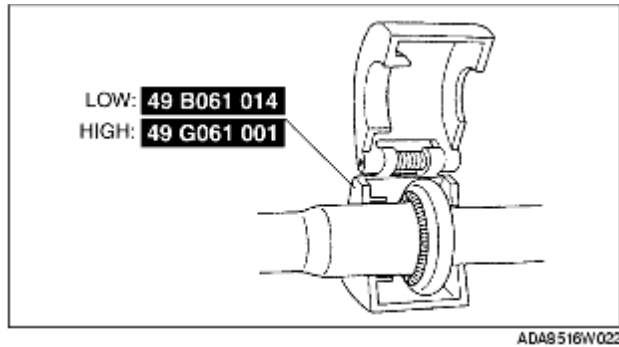
Refrigerant Line Removal Note

Block joint type

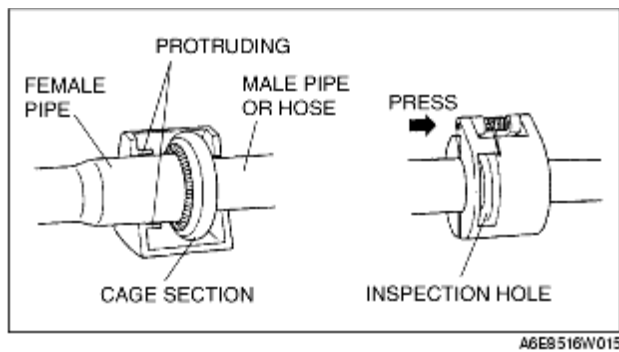
1. Disconnect the block joint type pipes by grasping female side of the block with pliers or similar tool and holding firmly, then remove the connection bolt or nut.

Spring-lock coupling type

1. Set the **SST**.



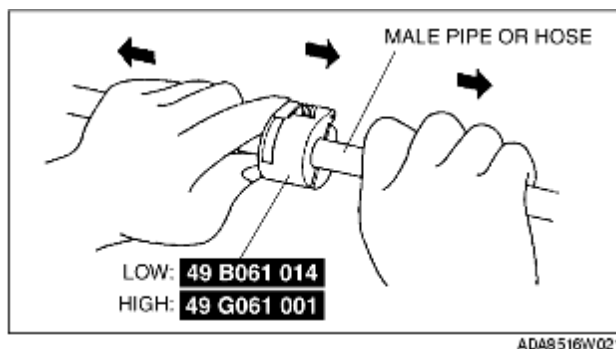
2. While looking through the inspection hole of the **SST**, insert the protruding part of the **SST** until it makes contact with the cage section.



3. Use the **SST** to disconnect the male pipe or hose from the female by pulling the male pipe or hose.

Note

- The male pipe or hose can be disconnected easily from the female pipe by pulling from the male pipe or hose while maintaining the pressure of the protruding part of the **SST**.

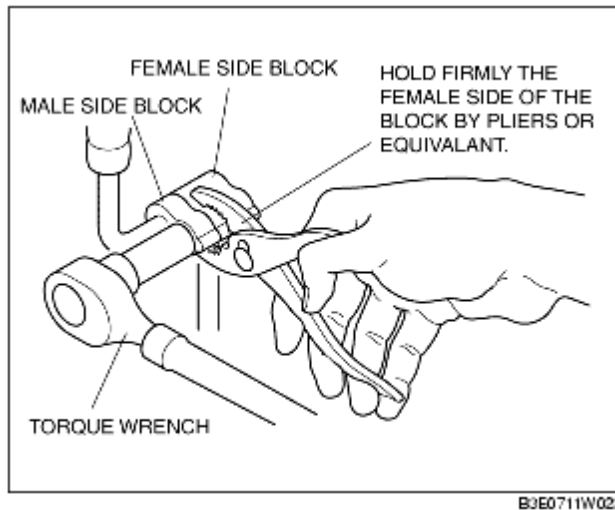


Refrigerant Line Installation Note

1. Apply compressor oil to the O-rings and connect the joints.
2. Tighten the joints.

Block joint type

1. Tighten the bolt of joint by hand.
2. Connect the block joint type pipes by grasping the female side of the block with pliers or similar tool and holding firmly, then tighten the connection bolt or nut with a torque wrench.



Spring-lock coupling type

1. Connect the male pipe or hose by twisting it onto female pipe until the garter spring at the male pipe or hose is over the flared end of female pipe.

Note

- When the male pipe or hose is replaced, the indicator ring comes out after connecting to indicate that it is locked.

