

EXPANSION VALVE REMOVAL/INSTALLATION

id071100800400

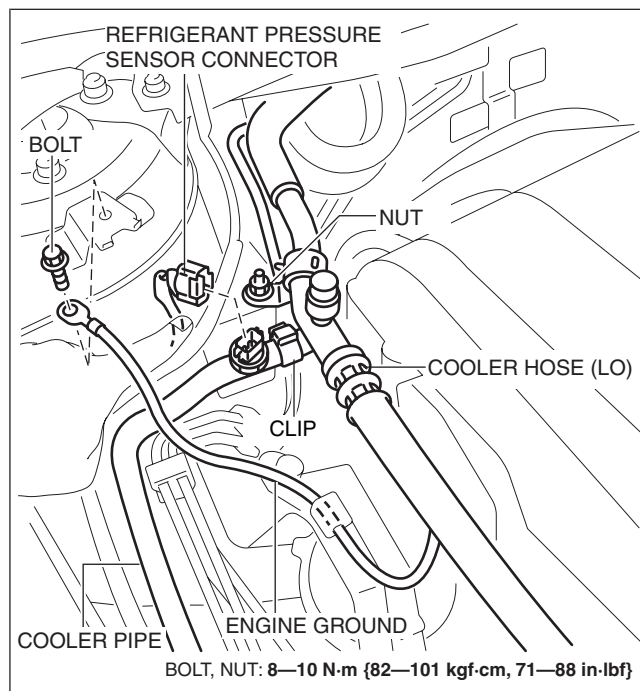
L.H.D.

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Discharge the refrigerant from the system. (See REFRIGERANT CHARGING.)

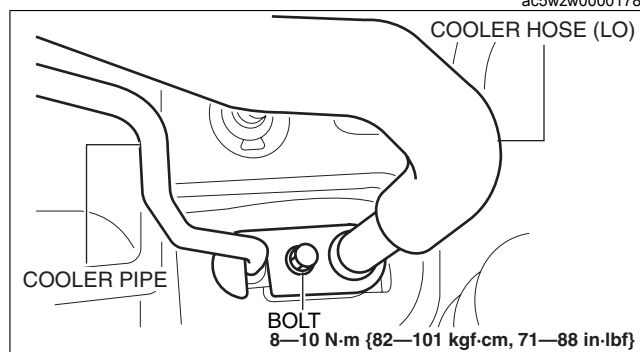
Caution

- 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.

3. Remove the bolt and disconnect the engine ground.
4. Remove the nut.
5. Detach the clip.
6. Disconnect the refrigerant pressure sensor connector.
7. Disconnect the engine ground.



8. Remove the bolt and disconnect the cooler hose (LO) and cooler pipe. Do not allow compressor oil to spill.



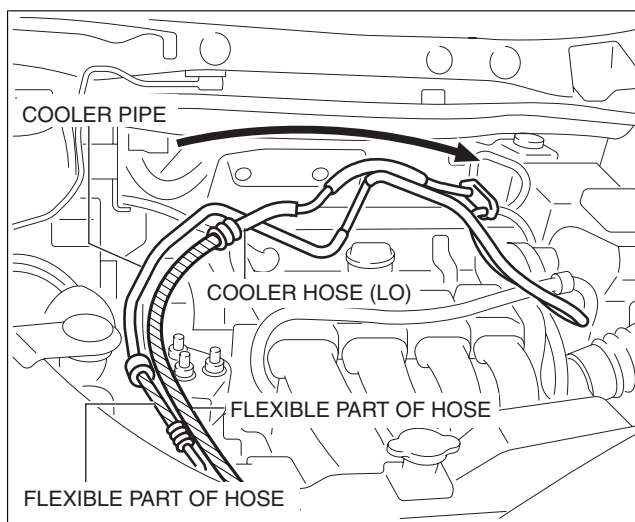
ac5wzw00001785

9. Set the cooler hose (LO) and cooler pipe aside as shown in the figure while being careful not to let remaining oil in the pipes to spill.

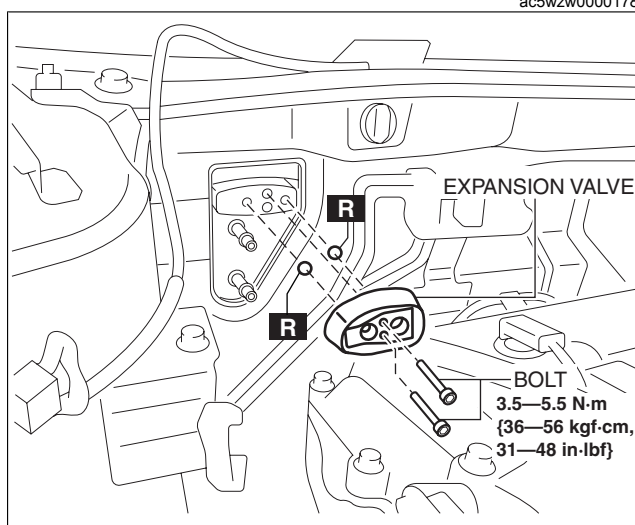
Caution

- When setting the cooler hose (LO) and cooler pipe aside, only bend the flexible part of the hose. If force is applied to areas other than the flexible hose, the pipe will bend and could be damaged.

10. Remove the bolt.
11. Remove the expansion valve. Do not allow compressor oil to spill.
12. Install in the reverse order of removal.
13. Perform the refrigerant system performance test. (See REFRIGERANT SYSTEM PERFORMANCE TEST.)



ac5wzw00001786



ac5wzw00001787

R.H.D.

1. Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].)(See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)
2. Discharge the refrigerant from the system. (See REFRIGERANT CHARGING.)

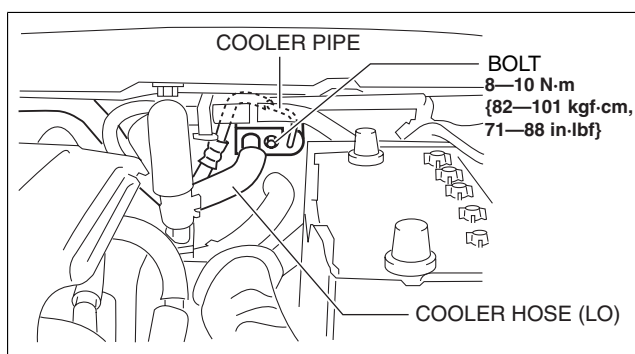
Caution

- 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.

3. Remove the bolt.
4. Disconnect the cooler hose (LO) and cooler pipe. Do not allow compressor oil to spill. (See REFRIGERANT LINE REMOVAL/INSTALLATION.)

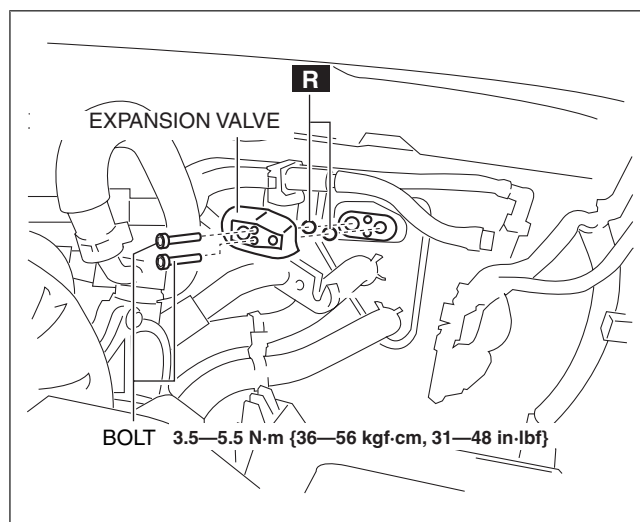
Caution

- When setting the cooler hose (LO) and cooler pipe aside, only bend the flexible hose part. If force is applied to areas other than the flexible hose, the pipe will bend and could be damaged.



ac5wzw00001788

5. Remove the bolt.
6. Remove the expansion valve. Do not allow compressor oil to spill.
7. Install in the reverse order of removal.
8. Perform the refrigerant system performance test. (See REFRIGERANT SYSTEM PERFORMANCE TEST.)



ac5wzw00001789