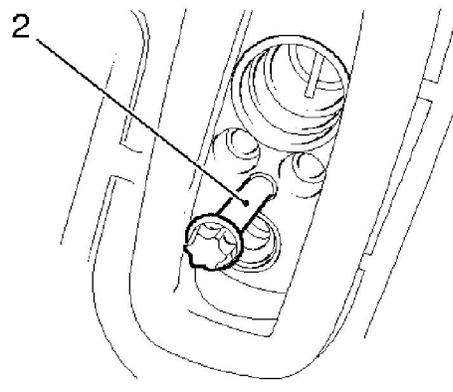
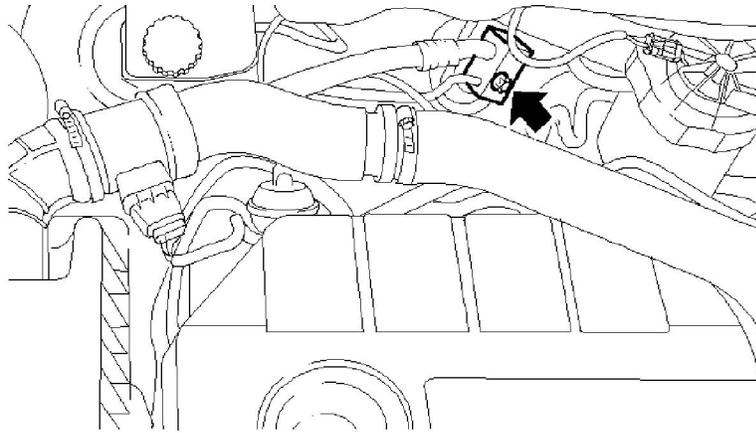


Air Conditioning Evaporator Thermal Expansion Valve Replacement

Removal Procedure

1. Recover the refrigerant. Refer to [Refrigerant Recovery and Recharging](#) .



2. Remove the block connector, refrigerant lines, from expansion valve.
 - 2.1. Remove the bolt.
 - 2.2. Disconnect the refrigerant lines.

Important: If installation is postponed, close off lines and connections.

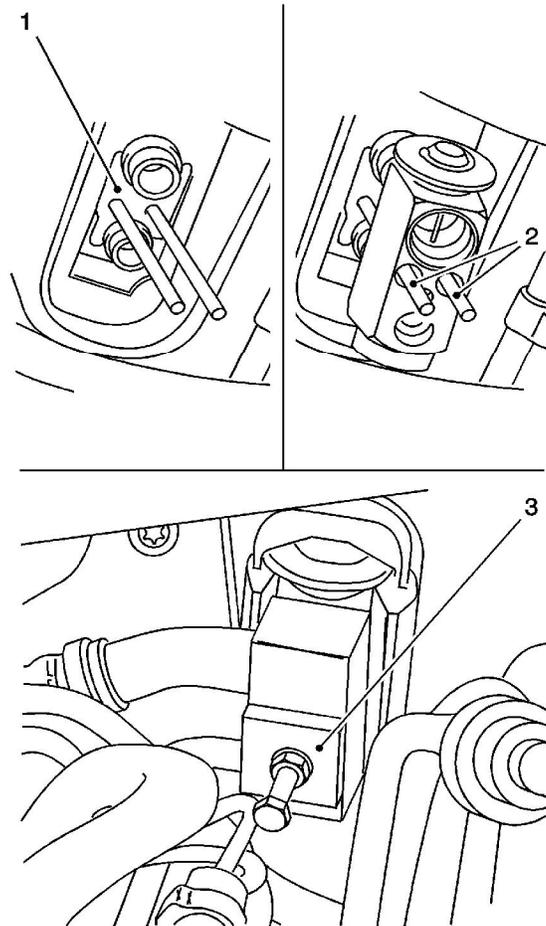
3. Remove the thermostatically controlled expansion valve (TXV) (1).

Insert the bolt, block connector refrigerant line, in expansion valve (2) and remove the expansion valve.

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Installation Procedure

Notice: Refer to [Fastener Notice](#) in the Preface section.



1. Install the TXV.

- Use new sealing rings, before installation moisten only green colored sealing rings with mineral oil and insert.
- Install the service threaded rods (2) into retaining clip (1) to guide expansion valve.
- Push the expansion valve onto service threaded rods until the refrigerant lines lie in the expansion valve.
- Replace threaded rods in succession with fixing bolts.

Tighten

Tighten the expansion valve bolts to 6 N·m (53 lb in).

2. Install the block connector.
3. Use the new sealing rings, before installation moisten only green colored sealing rings with mineral oil and insert.

Tighten

Tighten the block connector bolt to 7 N·m (62 lb in).

4. Recharge the air conditioning system. Refer to [Refrigerant Recovery and Recharging](#) .