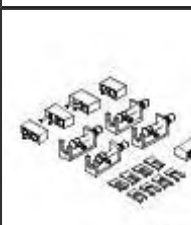


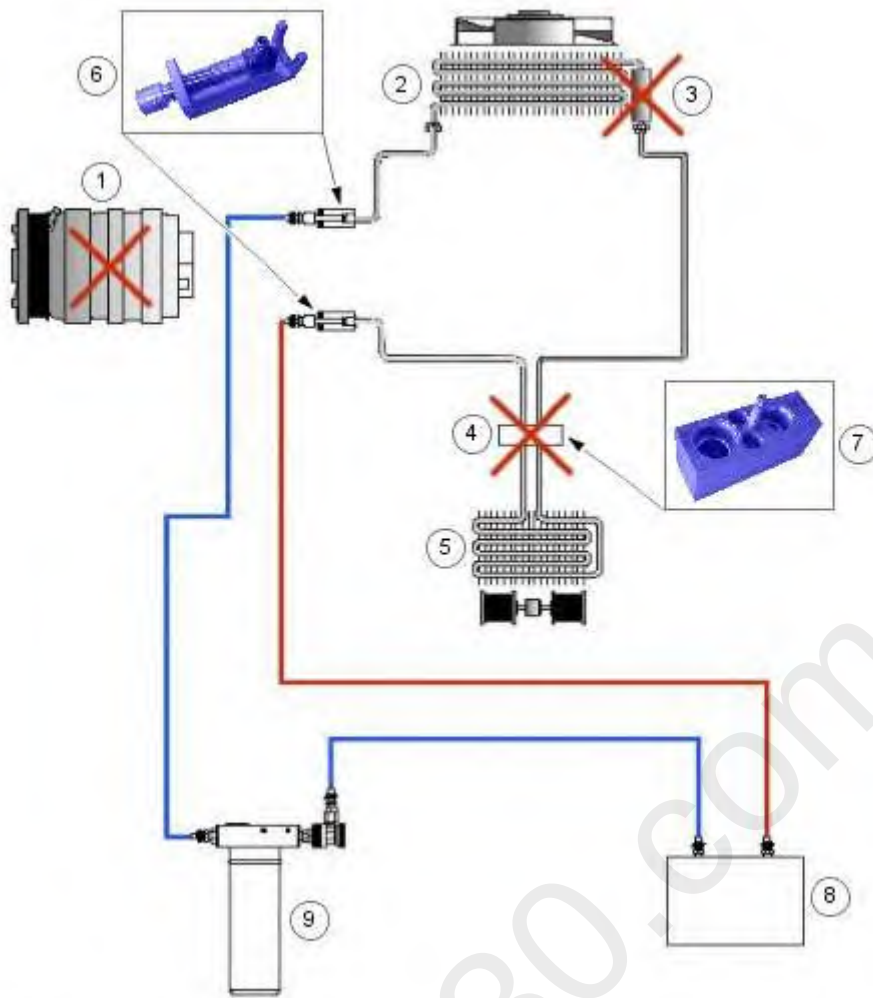
General Procedures

Special Tool(s) / General Equipment

 IA34010	412-100 Hose Kit for R134a, Flush Filter
 E139144	412-151 Adapters, Air Conditioning
Air Conditioning Service Unit	

Activation

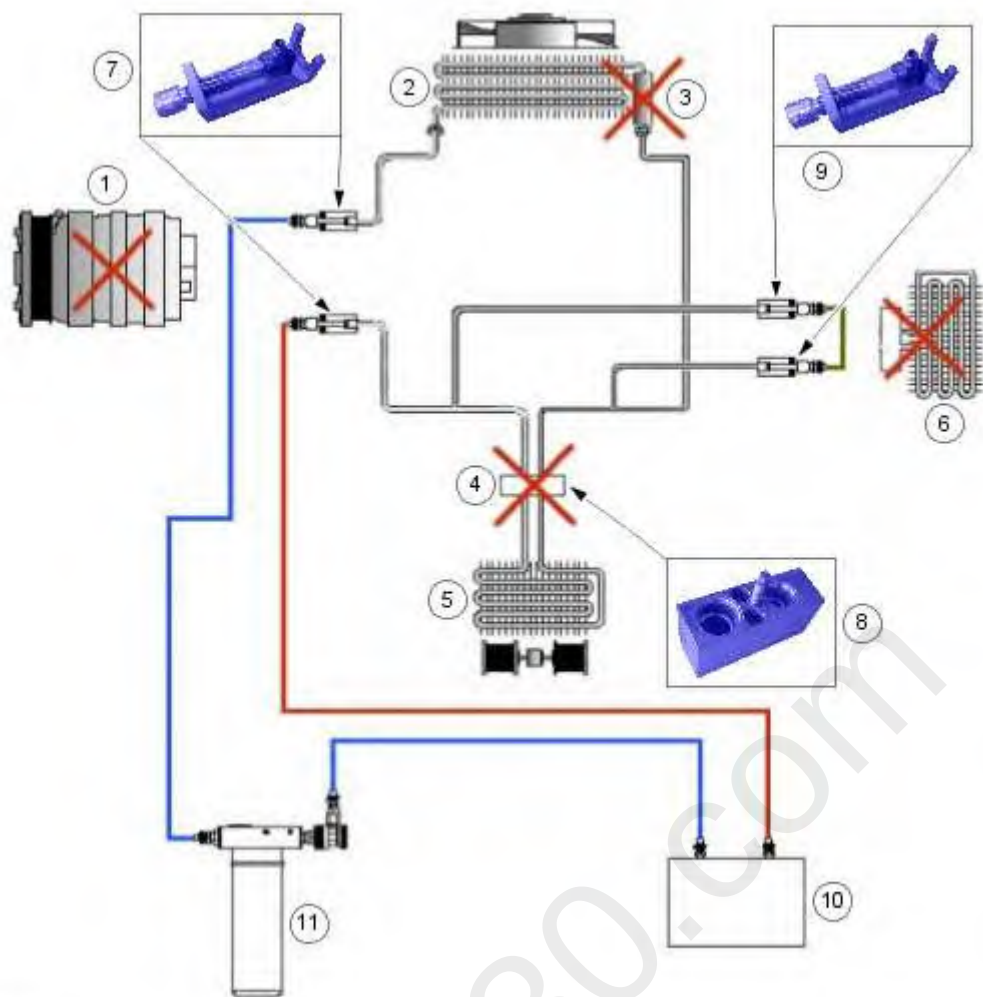
1. This procedure is only used for vehicles with R134A refrigerant
2.
 1. Air conditioning (A/C) compressor
 2. Condenser
 3. Receiver drier
 4. Thermostatic expansion valve
 5. Evaporator
 6. Adapter clamps
 7. Thermostatic expansion valve adapter
 8. AC service unit
 9. Flushing kit



E139803

Vehicles with auxiliary climate control

3.
 1. Air conditioning (A/C) compressor
 2. Condenser
 3. Receiver drier
 4. Thermostatic expansion valve
 5. Evaporator
 6. Auxiliary evaporator with auxiliary thermostatic expansion valve
 7. Adapter clamps
 8. Thermostatic expansion valve adapter
 9. Adapter clamps
 10. AC service unit
 11. Flushing kit



E141139

All vehicles

4. Refer to: [Thermostatic Expansion Valve](#) (412-01 Climate Control, Removal and Installation).

5. Install the expansion valve adapter.

Use Special Service Tool: [412-151](#).

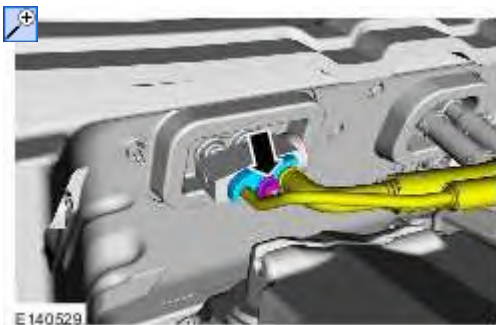
Torque: 4 Nm



E141609

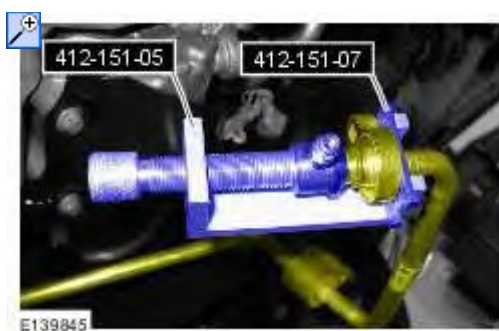
6. Install the refrigerant lines to the expansion valve adapter.

Torque: 8 Nm



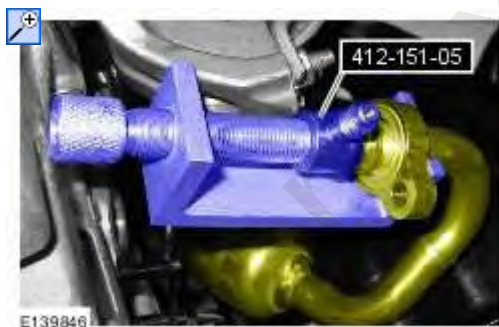
7. Refer to: [Air Conditioning \(A/C\) Compressor](#) (412-01 Climate Control, Removal and Installation).
8. Install the high-pressure compressor line adapter.

Use Special Service Tool: [412-151](#).



9. Install the low-pressure compressor line adapter.

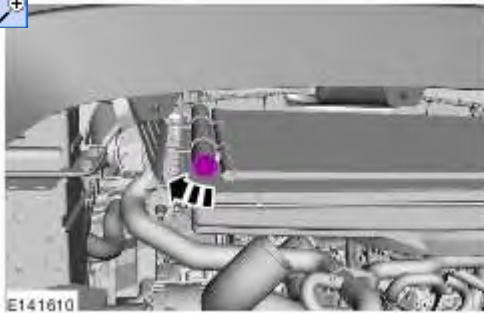
Use Special Service Tool: [412-151](#).



10. Refer to: [Receiver Drier](#) (412-01 Climate Control, Removal and Installation).
- 11.

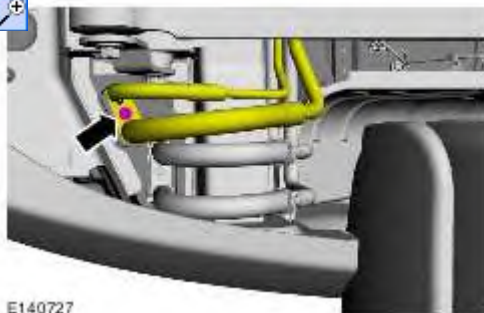


12. Install the receiver drier plug.

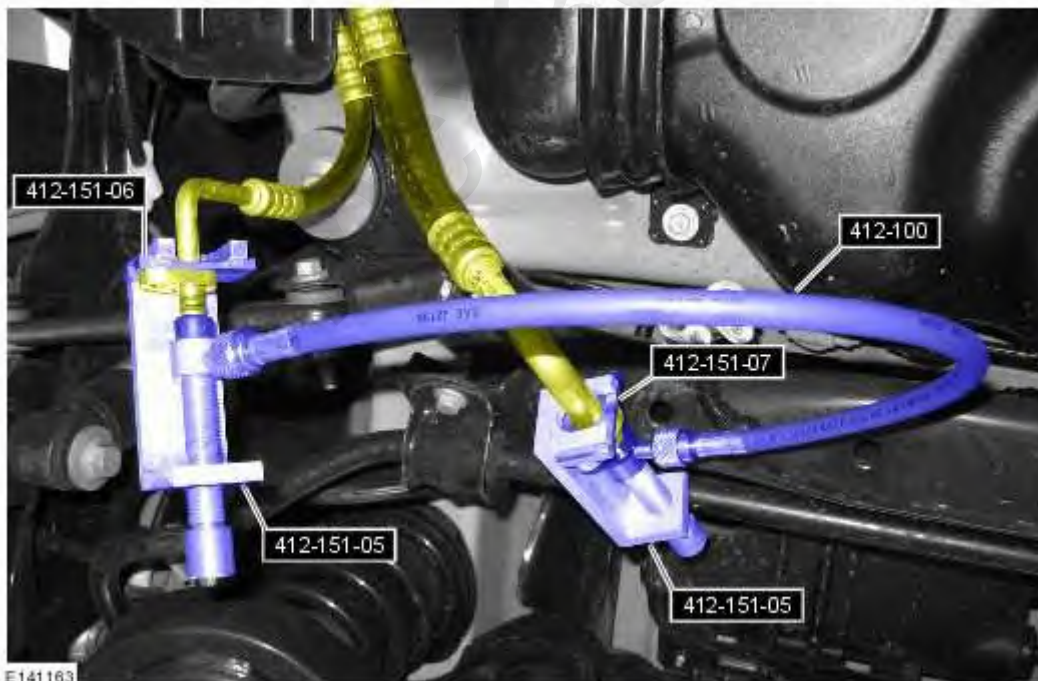


Vehicles with auxiliary climate control

13. *Torque: 8 Nm*



14. *Use Special Service Tools: 412-100, 412-151.*



All vehicles

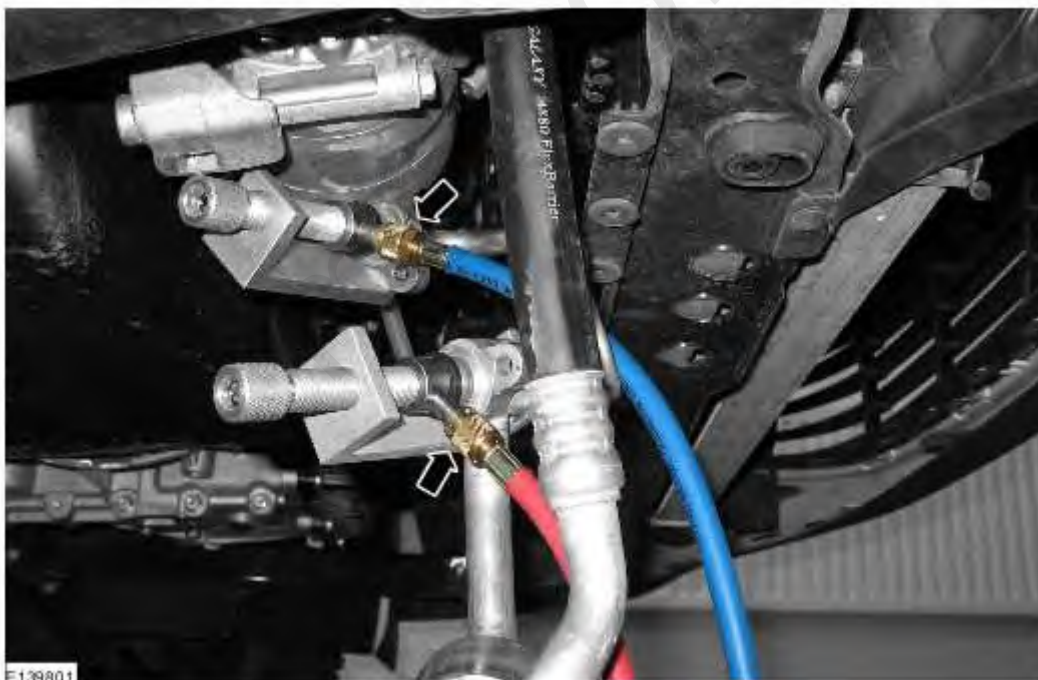
15. Install the flushing kit to the air conditioning service unit in accordance with the service unit manufacturer instructions.

Use the General Equipment: [Air Conditioning Service Unit](#)

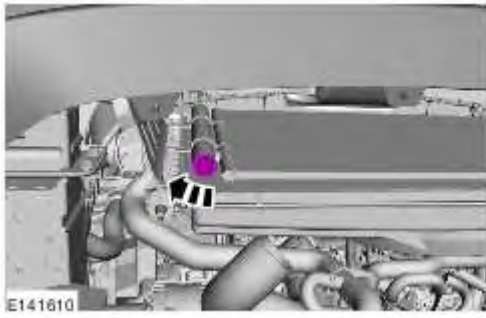
16. Connect the low-pressure service unit line to the filter line adapter.



- 17.
- Connect the high-pressure connection line (red) to the air conditioning compressor low-pressure line adapter.
 - Connect the low-pressure connection line (blue) to the air conditioning compressor high-pressure line adapter.



18. Flush the air conditioning system in accordance with the service unit manufacturer instructions.
19. Install a new receiver drier with filter plug.



20.  **NOTICE:** The following step is mandatory if the air conditioning compressor is damaged due to metal abrasion.
Install a new air conditioning compressor, thermostatic expansion valve and receiver drier.
21. Install all components in reverse order.

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