

CLIMATE CONTROL SYSTEM - GENERAL INFORMATION

AIR CONDITIONING SYSTEM RECOVERY, EVACUATION AND CHARGING [G1269180]

GENERAL PROCEDURES

82.30.30	AIR CONDITIONING - RECOVER, RECYCLE AND RECHARGE SYSTEM	ALL DERIVATIVES	0.50	USED WITHINS	+
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1.

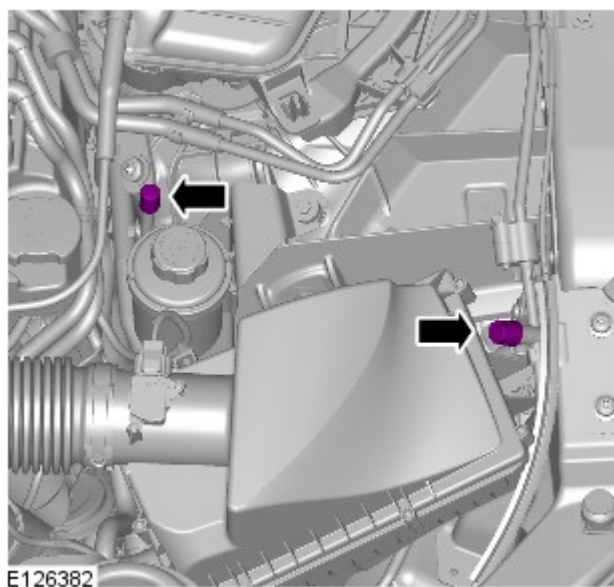


WARNINGS:

- Servicing must be completed by personnel familiar with both vehicle system and the charging and testing equipment. All operations must be completed in a well ventilated area away from open flame and heat sources.
- Refrigerant must always be recycled before re-use to make sure that the purity of the refrigerant is high enough for safe use in the air conditioning system. Recycling must always be completed with equipment which is design certified by Underwriter Laboratory Inc. for compliance with SAE J1991. Other equipment may not recycle refrigerant to the required level of purity. R143a Refrigerant Recover Recycling Recharging station must not be used with any other type of refrigerant. Refrigerant R134a from domestic and commercial sources must not be used in motor vehicles air conditioning systems.

Refrigerant **recovery**.

2.




Remove the dust covers from the High Pressure (HP) and Low Pressure (LP) connections.

3.

Connect the HP and LP lines to the appropriate connections.

4.

 **NOTE:**

In the event of any Air Conditioning (A/C) components being removed from the vehicle or the system being open to the atmosphere, the open A/C pipes/component ports must be suitably sealed. Make sure no adhesive surface (tape's) touch the sealing surfaces or opening's to pipe/port in case of contamination internally to the system. (Good practice would be to use clean plastic/cling film or clean blanking caps and then tape around the body of the pipe or component to secure.) In the instance of contamination to the sealing face of pipe/component, please use PAG oil and a clean lint free cloth as a cleaning method.

Following the manufacturer's instructions, recover the refrigerant from the A/C system.

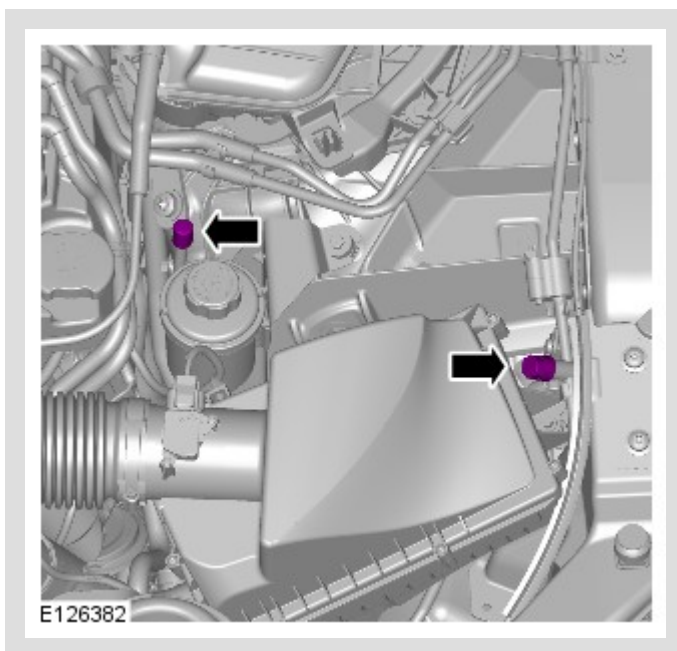
5. Measure and record the quantity of refrigerant oil recovered from the system.

6. **Evacuation.**

7.

 **NOTE:**

In the event of the A/C circuit being opened for longer than a 1hr period (not sealed as mentioned above), there is dirt in the refrigerant circuit (for example - compressor seizure) or the system is leaking and all the refrigerant has been lost to atmosphere, the desiccant bag within the condenser must be replaced. An Evacuation time of at least 1hr is required.




Remove the dust covers from the HP and LP connections.

8. Connect the HP and LP lines to the appropriate connections.

9. Following the manufacturer's instructions, evacuate the A/C system.

10.

 **CAUTION:**

The system must be evacuated immediately before recharging commences. Delay between evacuation and recharging is not permitted.

Recharging

11. Make sure the correct amount of oil is added to the A/C system before or during recharging. For additional information, refer to: [Specifications](#) (412-00 Climate Control System - General Information, Specifications).

12. Recharge the A/C system to the correct specification. For additional information, refer to: [Specifications](#) (412-00 Climate Control System - General Information, Specifications).

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