

CLIMATE CONTROL SYSTEM – GENERAL INFORMATION

AIR CONDITIONING SYSTEM RECOVERY, EVACUATION AND CHARGING (G2323704)

GENERAL PROCEDURES

GENERAL EQUIPMENT

EQUIPMENT NAME
Air conditioning system refrigerant recovery / recharging station(s)

 WARNINGS:

- Servicing must be done by personnel familiar with both vehicle system and the charging and testing equipment. All operations must be done 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 (A/C) system. Recycling should always be done with equipment which is design certified for compliance with SAE J2099 and SAE J2788. Other equipment may not recycle refrigerant to the required level of purity. The refrigerant recover recycling re-charging station must not be used with any other type of refrigerant. The refrigerant from domestic and commercial sources must not be used in motor vehicles A/C systems.

 CAUTION:

Before disconnecting any components, make sure the area is clean and free from foreign material. When disconnected all openings must be sealed.

 NOTES:

- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1.

 WARNING:

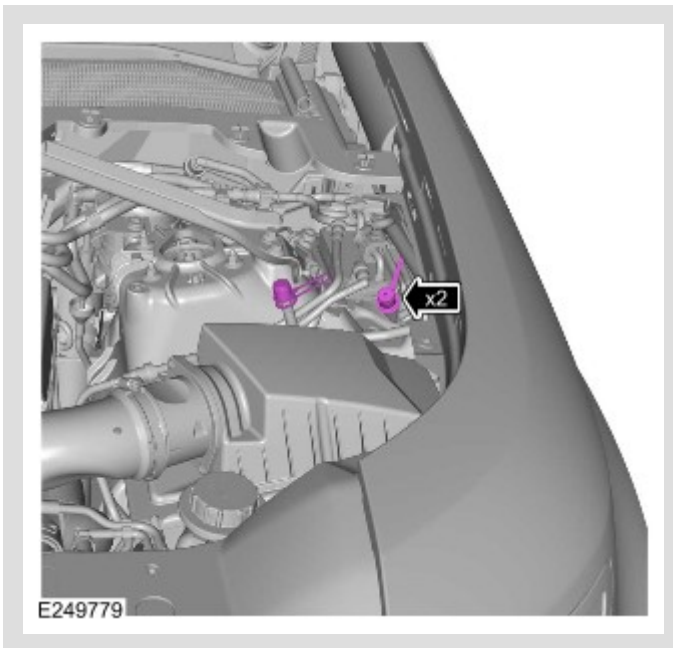
Always follow the health and safety precautions when handling the refrigerant.

Refer to Air Conditioning (A/C) health and safety.

Refer to: [Health and Safety Precautions](#) (100-00 General Information, Description and Operation).

EVACUATION

1.



Remove the 2 covers from the 2 A/C charging ports.

2.



WARNING:

Following the manufacturer's instructions, evacuate the Air Conditioning (A/C) system.

- Connect the High Pressure (HP) and Low Pressure (LP) hose of the Jaguar Land Rover (JLR) approved equipment to the 2 A/C charging ports.
General Equipment: [Air conditioning system refrigerant recovery / recharging station\(s\)](#)
- Measure and note the quantity of refrigerant oil and refrigerant recovered from the system.

3.

Disconnect the HP and LP hose from the 2 A/C charging ports.

CHARGING

1.



WARNING:

Following the manufacturer's instructions, charging the Air Conditioning (A/C) system.

- Connect the High Pressure (HP) and Low Pressure (LP) hose of the Jaguar Land Rover (JLR) approved equipment to the 2 Air Conditioning (A/C) charging ports.
General Equipment: [Air conditioning system refrigerant recovery / recharging station\(s\)](#)
- Vacuum the A/C system for 30 minutes.

2.

- Fill the A/C system with the correct amount of refrigerant oil.
Refer to: [Specifications](#) (412-00 Climate Control System - General Information, Specifications).
- Recharge the A/C system with the correct amount of refrigerant.
Refer to: [Specifications](#) (412-00 Climate Control System - General Information, Specifications).

3.

Disconnect the HP and LP hose from the 2 A/C charging ports.

4.

Install and tighten the 2 charging port covers.