

CLIMATE CONTROL SYSTEM - GENERAL INFORMATION [G2323703]

SPECIFICATIONS

Climate Control



NOTE:

ROW Vehicles.

ITEM	SPECIFICATION
Heating, ventilation and Air Conditioning (HVAC) system (Long wheelbase)	Dual zone or three zone automatic system installed with auxiliary climate control assembly controlled by HVAC control module.
HVAC system (Short wheelbase)	Dual zone or three zone automatic system installed controlled by HVAC control module.
Air Conditioning (A/C) compressor	Sanden 11PXC16 internally controlled variable capacity A/C compressor.
A/C refrigerant	R134a

Climate Control



NOTE:

NAS Vehicles.

ITEM	SPECIFICATION
HVAC system (Long wheelbase)	Dual zone or three zone automatic system installed with auxiliary climate control assembly controlled by HVAC control module.
HVAC system (Short wheelbase)	Dual zone or three zone automatic system installed controlled by HVAC control module.
A/C compressor	Sanden 11PXC16 internally controlled variable capacity A/C compressor.
A/C refrigerant	HFO-R1234yf

Climate Control



NOTE:

EU Vehicles.

ITEM	SPECIFICATION
HVAC system (Long wheelbase)	Dual zone or three zone automatic system installed with auxiliary climate control assembly controlled by HVAC control module.
HVAC system (Short wheelbase)	Dual zone or three zone automatic system installed controlled by HVAC control module.
A/C compressor	Sanden 11PXC16 internally controlled variable capacity A/C compressor.
A/C refrigerant	HFO-R1234yf

Lubricants, Fluids, Sealers and Adhesives

CAUTION:

The HFO-1234yf and the R134a systems use the refrigerant oil (Sanden SP-A2).

NOTE:

The HFO-1234yf is not compatible with any other refrigerant oils.

ITEM	SPECIFICATION
Air Conditioning (A/C) compressor oil type	Sanden SP-A2
System oil quantity (vehicles without auxiliary climate control)	Total system oil quantity = 80ml. New compressor supplied with 80ml.
System oil quantity (vehicles with auxiliary climate control)	Total system oil quantity = 140ml. New compressor supplied with 80ml.

General Specification

ITEM	DESCRIPTION
Air Conditioning (A/C) compressor	Sanden 11PXC16
Sensor locations:	
Ambient Air Temperature (AAT) sensor	Left side door mirror.
In-vehicle temperature sensor	Mounted behind a grill on the drivers side of the instrument panel, adjacent the steering column.
Humidity sensor (optional fit)	Located next to the interior mirror and comprises 3 individual elements.
Evaporator temperature sensor	Mounted on the left side of the climate control assembly.
Refrigerant pressure sensor	Located between the A/C condenser and the Thermostatic Expansion Valve (TXV).
Pollution sensor	Passenger side on the climate control assembly.
Sunload sensor	Center of the instrument panel top.

ITEM	DESCRIPTION
Duct air temperature sensors (10 off)	The sensors are installed in the air distribution ducts.

Capacities

ITEM	CAPACITY
Total system capacity (vehicles without auxiliary climate control)	650 grams ± 10 grams
Total system capacity (vehicles with auxiliary climate control)	1000 grams ± 10 grams

Torque Specifications

ITEM	NM	LB-FT	LB-IN
Air Conditioning (A/C) compressor drain plug	12	9	-
High and low pressure connection caps	0.8	-	7

cmjjaGFyZG1vbnRvbjsyMDIwLTA5LTE3VDlyOjE5OjUwLjY1OVo7OTAuMTk5LjEyMS4xMTc7

mcx30.com