

Component Procedures: Refrigerant

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Component Procedures: Refrigerant

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Service	Air Conditioner > System, Service > Evacuate ?	B	1.4	0.0
Service	Air Conditioner > System, Service > Flush (co?	B	0.3	0.0
Service	Air Conditioner > System, Service > Partial R?	B	0.6	0.0
Service	Air Conditioner > System, Service > Refrigerera?	B	0.4	0.0

Specifications Quick Reference (itype_439)

Quick Specifications

- item

HVAC - Specifications (Article 44818)

- Specification

Air Conditioner

Item Specification

Compressor Type 6VSe14

Oil type & Capacity FD46XG (IDEMITSU) 110 ± 10 g (3.88 ± 0.35 oz.)

Pulley type 6PK - TYPE

Displacement 142 cc / rev

Expansion valve Type Block type

Refrigerant Type R-134a

Capacity 500 ± 25 g (17.6 ± 0.88 oz.)

Blower Unit

Fresh and recirculation Operating method Actuator

Blower Type Sirocco pan

Speed step Auto + 8 speed (Automatic), 1 - 4 speed (Manual)

Speed control Power mosfet (Automatic), Resistor (Manual)

Air filter Type Particle filter

Heater and Evaporator Unit

Heater Type Fin & Tube type

Type Tube - Fin 1Way

Mode operating method Actuator

Temperature operating method Actuator

Evaporator Temperature control type Evaporator temperature sensor

Blower singular A/C Output OFF Temperature A/C Output ON Temperature

Manual control 1 - 2 speed 1.5°C (34.7°F) 3.0°C (37.4°F)

3 - 4 speed 0.6°C (33.1°F) 2.1°C (35.8°F)

Dual control 1 - 4 speed 1.5°C (34.7°F) 3.0°C (37.4°F)

5 - 6 speed 1.0°C (33.8°F) 2.5°C (36.5°F)

7 - 8 speed 0.6°C (33.1°F) 2.1°C (35.8°F)

Manufacturer HVCC (Halla Visteon Climate Control)

- Tightening Torques

Items N.m kgf.m lb-ft

Compressor 20.0 - 32.95 2.04 - 3.36 14.75 - 24.30

Condenser - Discharge hose 8.8 - 13.7 0.9 - 1.4 6.5 - 10.1

Condenser - Liquid tube

Compressor - Discharge hose 21.6 - 32.4 2.2 - 3.3 15.9 - 23.9

Compressor - Suction hose

Expansion valve - Evaporator 7.8 - 11.8 0.8 - 1.2 5.8 - 8.7

All New Technical Service Bulletins (itype_432)

Tsbs

- A/C REFRIGERANT RECOVERY & CHARGING ONLY WARRANTY CLAIM GUIDELINES (24-HA-002H, 2024/11/04)

All Technical Service Bulletins (itype_100)

Tsbs

- A/C REFRIGERANT RECOVERY & CHARGING ONLY WARRANTY CLAIM GUIDELINES (24-HA-002H, 2024/11/04)
- REFRIGERANT LEAK CHECK PROCEDURE (21-HA-002H, 2021/06/02)

Leaks (itype_149)

Tsbs

- REFRIGERANT LEAK CHECK PROCEDURE (21-HA-002H, 2021/06/02)

OEM Policies and Procedures (itype_120)

Tsbs

- REFRIGERANT LEAK CHECK PROCEDURE (21-HA-002H, 2021/06/02)

Warranty Information (itype_119)

Tsbs

- A/C REFRIGERANT RECOVERY & CHARGING ONLY WARRANTY CLAIM GUIDELINES (24-HA-002H, 2024/11/04)