

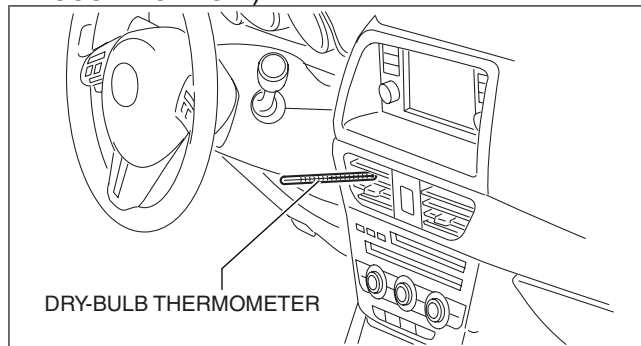
REFRIGERANT SYSTEM PERFORMANCE TEST

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Note

- Measure the air conditioner output temperature after approx. **10 min** have elapsed from engine start.

- Inspect the refrigerant pressure. (See REFRIGERANT PRESSURE CHECK.)
- Place a dry-bulb thermometer in the driver-side center ventilator outlet.
- Start the engine and warm it up.
- Set the fan speed to MAX HI.
- Turn the A/C switch on.
- Set to RECIRCULATE mode.
- Set the temperature control to MAX COLD.
- Set to VENT mode.
- Close all the doors and windows.
- Maintain the engine speed at **1,500 rpm**.
- Wait until the air conditioner output temperature stabilizes.

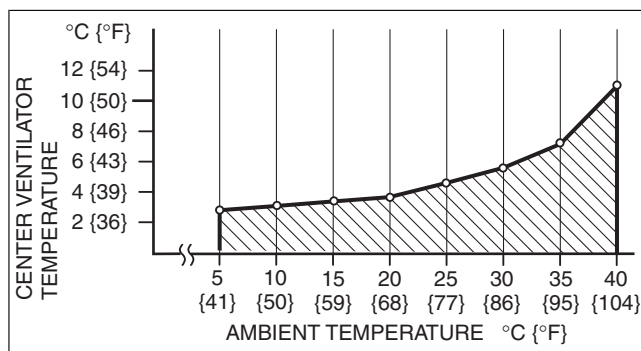


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Stabilized condition

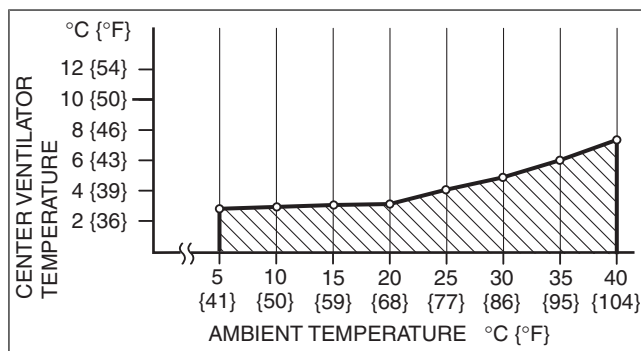
- The A/C compressor repeatedly turns on and off at regular intervals.
- After the blower air is stabilized, read the dry-bulb thermometer.
 - Verify the ambient temperature.
 - Verify that the temperature reading is in the shaded zone.

SKYACTIV-G 2.0, SKYACTIV-G 2.5 (HFC-134a)



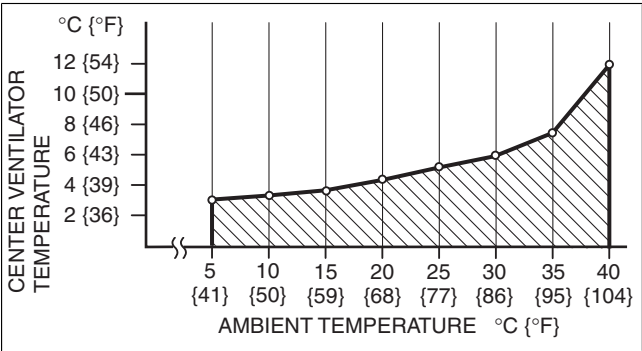
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SKYACTIV-D 2.2 (HFC-134a)



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SKYACTIV-G 2.0, SKYACTIV-G 2.5 (HFO-1234yf)



SKYACTIV-D 2.2 (HFO-1234yf)

- If there is any malfunction, inspect the refrigerant system according to the troubleshooting chart.

