2017-2024 Jeep Compass - AC Not Blowing Cold /

2017-2024 Jeep Compass | Moderate | 30-60 minutes | $45 DIY

TOOLS

DIY AC recharge kit with gauge for the correct refrigerant type Safety glasses and chemical-resistant gloves Cabin thermometer Flashlight and leak-inspection light

PARTS

Correct refrigerant DIY kit with gauge (R-134a or R-1234yf as labeled) $45.00
AC leak-detect dye (optional) $12.00

STEPS

1. **Confirm refrigerant type and symptoms - Read the A/C sticker under the hood: 2017 is a** changeover year (R-134a or R-1234yf); 2018-2024 use R-1234yf. Engine on, MAX A/C - confirm warm vents, watch the compressor clutch engage, and check the cabin filter. Wear safety glasses a...
2. **Find the low-side service port - Engine off: trace the larger aluminum suction line from** the compressor to the firewall. The low-side port sits under a cap on that line, usually marked L. Never force it - and never connect to the high-side port; its pressure can rupture...
3. **Take a baseline reading - Start the engine, MAX A/C with recirculate and full blower,** wait two to three minutes. Confirm the clutch is engaged and spinning with the pulley. Connect the gauge and read against the kit’s chart for today’s temperature.
4. **Add refrigerant cautiously - Recheck gauge and vent temp after each burst; stop once the** low side is in range. Never mix refrigerants. Don’t overcharge - it raises high-side pressure and can damage the compressor.
5. **Stop and verify cooling - A healthy system delivers roughly 35-50F at the center vent at** idle with recirculate on. If cooling fades in days, the clutch never engages, or the baseline was near zero, get a pro leak test - repeated top-offs vent refrigerant ille...

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