2011-2014 Chrysler 300 - AC Not Blowing Cold /

2011-2014 Chrysler 300 | 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 - Find A/C spec label: radiator support, hood** underside, or strut tower. 2011-2013 use R-134a; the 300 switched to R-1234yf during 2014 - a 2014 could be either, and the label decides. 1234yf charge: about 25 oz. Never guess the refriger...
2. **Find the low-side service port - Find ’L’ cap on the larger-diameter suction line - the** port can look small, so go by line size. A DIY hose only snaps onto the low-side coupler; if it won’t click, stop. Engine OFF; never use adapters or charge the high side - dangerou...
3. **Take a baseline reading - MAX A/C, coldest, recirc ON, blower high: run 2-3 minutes, read** low-side gauge vs. the ambient chart - 25-35 psi at 65F, 35-40 at 70F, 40-50 at 80F, 45-55 at 90F. Near zero? Stop: empty system needs pro evacuation and l...
4. **Add refrigerant cautiously - Add refrigerant in 5-10 second bursts, can upright - vapor** only, never invert; liquid entering the compressor destroys it. Recheck gauge and vent temp between bursts, aiming mid-chart, not the top. R-1234yf is mildly flammable: no open...
5. **Stop and verify cooling - Stop when low-side pressure is in range and center vents blow** cold - high-30s-mid-40s F. Reinstall the ’L’ cap (primary seal). Cooling fading in days means a leak: UV dye inspection or shop leak-down test, not another can - repeate...

TORQUE

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