2014-2021 Toyota Tundra - AC Not Blowing Cold /

2014-2021 Toyota Tundra | 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 - Confirm the under-hood A/C sticker: 2014-2021** Tundras use R-134a (R-1234yf arrived with the 2022 redesign). Engine idling, MAX A/C - verify warm vents, watch the compressor clutch engage, and check the cabin filter (a clogged filter fa...
2. **Find the low-side service port - Engine off: trace the larger suction line from the** compressor to the firewall; the low-side port is under a cap on it, often marked L. Never connect there: several hundred psi can rupture the can. Do not force adapters or mix fittings.
3. **Take a baseline reading - Confirm the clutch spins with the pulley, then read the low** side: R-134a runs roughly 35-45 psi at 75F, up to about 50-60 at 90F.
4. **Add refrigerant cautiously - Partial charge only: add R-134a in five-to-ten-second** bursts, can upright, shaking gently between bursts. Recheck gauge and vent temp after each; stop in range. These systems are large (some trims have rear A/C) - resist extra cans. Neve...
5. **Stop and verify cooling - Disconnect, refit the cap finger-tight. At idle with** recirculate on, expect roughly 35-50F at the center vent - verify with a thermometer. Inspect fittings, compressor, and condenser for oily residue or dye traces. Cooling fades in d...

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