2015-2020 Chevrolet Suburban - AC Not Blowing Cold

2015-2020 Chevrolet Suburban | 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 the under-hood A/C specification (J639)** sticker - 2015-2016 use R-134a, 2017+ use R-1234yf (this guide spans the changeover). Confirm the symptoms fit low charge: warm vents on MAX A/C with recirculate, but strong cabin airflow. O...
2. **Find the low-side service port - The coupler from the correct recharge kit fits ONLY the** low-side port - never force an adapter onto the high-side fitting or charge through the high side.
3. **Take a baseline reading - Run MAX A/C with recirculate and blower high; confirm the** compressor engages (clutch click, center spins) and stabilize a minute. Generic rule (published chart, not vehicle-specific): 80F ? 40-50 psi R-134a or 25-35 psi yf; 90F ...
4. **Add refrigerant cautiously - If the baseline is low but not near zero, and the kit** permits topping off, add refrigerant in short bursts through the low-side port with the can upright, pausing for the gauge to settle. Stop when pressure is in the chart range for the am...
5. **Stop and verify cooling - In range and cold (center vent high 30s-mid-40s F on MAX -** generic rule): stop, disconnect, recap. Check fittings, condenser face, and underbody lines for oily residue; See a pro if the compressor never engages, pressures won’t rise,...

TORQUE

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