# 2003-2009 Chevrolet Express - AC Not Blowing Cold /



**2003-2009 Chevrolet Express | 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 J639 A/C sticker and confirm** refrigerant type and charge. All 2003-2009 Express vans are factory R-134a; GM's R-1234yf rollout didn't start until 2017 (bulletin 12-01-37-001B). Wear safety glasses and gloves - refrige...
2. **Find the low-side service port - Engine off. The low-side port screws into the** accumulator - the silver canister on the passenger side - under a black or blue cap. The coupler fits ONLY the low-side port; never force it onto the high-side fitting. Wipe the port clean...
3. **Take a baseline reading - MAX A/C, recirc, blower high; confirm the compressor runs** (clutch click). Gauge against the kit chart - generic guide: 80F, 40-50 psi on R-134a or 25-35 on R-1234yf; 90F, 45-55 or 30-40. Near zero means essentially empty - find the lea...
4. **Add refrigerant cautiously - If the baseline is low but not near zero, add refrigerant in** short bursts with the can upright, pausing between bursts. Stop when the pressure is in the chart range and the vents blow cold. Never overcharge: it hurts cooling and can damage...
5. **Stop and verify cooling - When the gauge is in range and the center vent blows cold -** high 30s to mid-40s F on MAX - stop, disconnect, and recap the port. Check for leaks: oily residue at hose fittings and the condenser face.

**TORQUE**

ezcarfix.com