

2006-2010 BMW 5 Series | Moderate | 45-75 minutes | \$20 DIY

TOOLS

Tire-pressure gauge and air compressor or pump
Floor jack, rated jack stands, and wheel chocks
Lug wrench and calibrated torque wrench

PARTS

Valve-stem caps or replacement TPMS service parts only if inspection requires them
\$10.00

STEPS

- 1 Confirm refrigerant type and symptoms - Find the under-hood A/C specification sticker on the 2006-2009 BMW 5 Series and note R-134a or R-1234yf and the capacity. Confirm warm vents, compressor behavior, and that the cabin filter is not blocked.**
- 2 Find the low-side service port - With the 2006-2009 BMW 5 Series switched off, identify the LOW-side larger-line service port. A DIY coupler must fit only the low side; do not force an adapter onto the high side.**
- 3 Take a baseline reading - Start the 2006-2009 BMW 5 Series, select MAX A/C, recirculate, and high blower, then confirm compressor operation. Read low-side pressure against the kit chart for ambient temperature.**
- 4 Add refrigerant cautiously - If the system is not near-empty and the kit instructions permit topping off the 2006-2009 BMW 5 Series, add short bursts through the low side while watching the chart and vent temperature. Do not empty cans blindly.**
- 5 Stop and verify cooling - Stop when the gauge and vent temperature reach the specified range, cap the port, and inspect for leaks. If cooling returns only briefly, stop recharging and arrange a leak test or professional repair.**

TORQUE