



Car Talk

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If you notice a drop in the efficiency of your vehicle's air conditioning (AC) system, it is time for a checkup.

At the heart of the AC lies the compressor, which is responsible for compressing and transferring refrigerant gas. As the compressor pumps the refrigerant through the closed-loop system, the refrigerant moves heat from inside the vehicle to outside. To do this, the compressor accepts low-pressure gas from the evaporator, compresses it into a high-pressure hot gas, and then sends it to the condenser.

This ongoing heating and cooling process with refrigerant under pressure may at some point be susceptible to leaks, which will compromise efficiency. These must be pinpointed to restore the AC to proper working order.