

A/C Recharging

1. How do I know if I need to retrofit before recharging? (How do I know if I have an R12 system or R-134a?)
2. How do I find the low-side port?
3. If I put in refrigerant (top off), do I need to add oil too? If so, what type and how much?
4. How much refrigerant should I put in?
5. Do I need to vacuum out my system before charging?
6. What does Xycleen System Cleaner do and how does it work?
7. What's different about "High Mileage" refrigerant?

1. How do I know if I need to retrofit before recharging? (How do I know if I have an R12 system or R-134a?)

If your car is a 1994 or earlier model, you probably have an R-12 system and need to retrofit before recharging with R-134a. Check under the hood for a label indicating whether the system is R-12 or R-134a.

2. How do I find the low-side port?

The low-pressure port usually has a blue or black dust cap and is located on the larger diameter metal tubing that runs between the evaporator (in the dashboard) and the compressor. To locate the low-pressure port:

1. Find the compressor.
2. Find large diameter metal tubing that leads from the compressor back to the fire wall.
3. Find port on this tube. Our quick-connect coupler should fit onto this port. To be sure, compare with the port on the other tube (smaller tube) that leads from the compressor to the condenser near the radiator. This port is larger and is the High Side port. Our quick-connect coupler will NOT fit on the High Side port.
4. Do not attempt to connect to the high side port as this can cause a can of refrigerant to explode.
5. Sometimes the low side port is on-or-near the compressor, sometimes it's on an accumulator near the firewall...not on the large diameter metal tube.

Examples of Low-pressure (low-side) port locations

Buick LeSabre

Pontiac Bonneville

Olds 88/Regency

Toyota Camry

Ford Taurus

Honda

Saturn

Mitsubishi Galant

VW Passat

3. If I put in refrigerant (top off), do I need to add oil too? If so, what type and how much?

Interdynamics' top off products contain the proper ratio of replacement oil.

4. How much refrigerant should I put in?

We recommend using a pressure gauge for an accurate fill. Interdynamics' color-coded gauges will indicate whether you should continue filling (charging) or not. If you have just retrofitted from an R-12 system and had all the R-12 refrigerant removed, you should fill a system with R-134a at 80-85% of the original R-12 Volume. (Consult your owners manual or sticker under the hood for original R-12 volume).

5. Do I need to vacuum out my system before charging?

If the pressure gauge indicates that the A/C system pressure is lower than 10psi, air has likely entered your system, so your system should be vacuumed out.

6. What does Xycleen System Cleaner do and how does it work?

Xycleen removes sediment in the A/C system for smoother flow of refrigerant and oil and creates a cleaner, more efficient system (for better cooling). It continuously cleans, preventing the redeposit of previously removed sediment. [\[graph link\]](#)

7. What's different about "High Mileage" refrigerant?

Interdynamics' "High Mileage" refrigerant contains a proprietary formulation of lubricant enhancers that helps your old compressor run easier. This will make the compressor last longer and run quieter.

It contains special anti-wear and lubricant additives to restore an older A/C systems performance.