



EF Products, L.P.

R-134a Recharge Instructions

1. Shake can well.
2. Attach charging hose to can making sure handle is turned fully counter clockwise to prevent premature piercing of the can.
3. Start engine and turn the air conditioner to maximum cool, and connect the quick couple connector to the low side service port on the vehicle A/C system.
4. Turn the handle on the charging hose clockwise until the piercing stem has punctured the can of R-134a. Now turn the handle counter clockwise until refrigerant is heard leaving the can.
5. Rotate the top of the can between 12 o'clock and 3 o'clock every 2 to 3 seconds while continually agitating (shaking) the can back and forth.
6. Continue the process until the can is empty (10 to 15 minutes) or until the correct amount of refrigerant is charged into the A/C system and the pressure readings are within the PSI range for the ambient temperature (see chart below). When the can feels empty, hold it upside down for one minute to remove all refrigerant.
7. After charging refrigerant into the A/C system to the correct pressure (see chart below) and the R-134a can still contains refrigerant, turn the handle on the charging hose clockwise until it seals the can. Disconnect the charging hose from the low side service port on the vehicle and store the R-134a can/charging hose assembly in a safe location for future use. If the R-134a can is empty, disconnect the charging hose from the low side service port on the vehicle and the R-134a can and dispose of the can.

Ambient Temp (°F)	Low Side Gauge	High Side Gauge
65°	25-35 psi	135-155 psi
70°	35-40 psi	145-160 psi
75°	35-45 psi	150-170 psi
80°	40-50 psi	175-210 psi
85°	45-55 psi	225-250 psi
90°	45-55 psi	250-270 psi
95°	50-55 psi	275-300 psi
100°	50-55 psi	315-325 psi
105°	50-55 psi	330-335 psi
110°	50-55 psi	340-345 psi

Ambient Pressure: Outside temperature surrounding the vehicle.

IMPORTANT: ALWAYS WEAR PROTECTIVE EYEWEAR WHEN PERFORMING A/C SERVICE OR ANY TYPE OF AUTOMOTIVE WORK. DO NOT STORE CAN IN DIRECT SUNLIGHT OR IN THE PASSANGER COMPARTMENT OF VEHICLE.