



RETRO-FIX II Retrofit Procedure

This P.O.E. (Ester) lubricant is approved for use in R-134a Climate Control 2-cylinder compressor (York) systems. It may not be suitable in other compressors. Use for oil additions in R-134a systems or for retrofitting of R-12 systems. RETRO-FIT PER VEHICLE MANUFACTURER RECOMMENDATIONS and in accordance with SAE J1661, J1660, J1639, J1629, J2197 and J1989. Barrier hoses are required for R-134a systems. Heavy-duty vehicles equipped with these hoses can normally be retrofit by following these guidelines:

1. Diagnose and repair all A/C system malfunctions, (Flush system only if contamination exists).
2. Recover the R-12 refrigerant.
3. Remove compressor and drain oil from sump.
4. Replace receiver/dryer with one containing XH-7 or XH-9 desiccant.
5. Change high and low side service ports to R-134a type by using adapters, new service valves, etc., per SAE J1660.
6. Add 14 fl. ounces of RETRO-FIX II P.O.E. (Ester) oil to compressor and install on vehicle.
7. Evacuate system (45 minutes, minimum).
8. Charge system with R-134a. (Usually 15-20% less R-134a by weight will fully charge an R-12 system.)
9. Leak test system.
10. Run system to confirm normal operation.
11. Install label to identify that the system has been retrofit per SAE J1660.

Shaft Detail Indicating Compressor Displacement

