

TECH TIP

USE OF BLEND REFRIGERANTS

There are many blend refrigerants being marketed for automotive A/C use. It is and has always been the policy of Factory Air by Four Seasons that if any refrigerant other than R12 or R134a is used in any of our products, the warranty is void.

There are many common sense reasons not to use a blend refrigerant:

1. The OEMs do not use any blend in the manufacturer of new vehicles.
2. OEMs use only R12 or R134a.
3. The term blend indicates that there are several components that make up the refrigerant. R12 and R134a are not blends.
4. The blended components tend to fractionate or come apart and each component will leak out under different circumstances.
5. When a blend is extracted from a system, it may not be the same makeup as when it was installed.
6. Refrigerant identifiers can not identify the various blend refrigerants other than the fact that it is a contaminate.
7. Each refrigerant **MUST** have a unique set of fittings and labels. Each refrigerant must have its own recovery station. The refrigerant must then be sent back to the manufacturer for recycling.
8. When R134a came into being, we had to double our gauge and shop equipment inventory. This expense is required for each refrigerant used.
9. Most blends contain some butane or propane. Some blends contain R22. Some blends require that all hoses be replaced. Most blends require XH9 desiccant that is not available in automotive dryers.

Most automotive air conditioning compressor manufacturers and re-manufacturers allow only R12 and R134a to be used in their products.

IT IS THE POLICY OF FACTORY AIR BY FOUR SEASONS THAT THE USE OF ANY REFRIGERANT OTHER THAN R12 OR R134A WILL VOID THE WARRANTY OF OUR PRODUCTS. .