



GROUP  
CLI

MODEL  
2017MY  
Sportage (QL)

NUMBER  
029

DATE  
December 2015

## TECHNICAL SERVICE BULLETIN

**SUBJECT:** R1234YF REFRIGERANT

This bulletin provides information relating to the new R1234yf refrigerant initially being released with the 2017MY Sportage (QL), and applicable to future models.

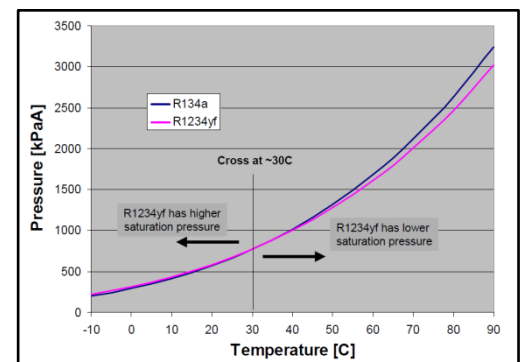
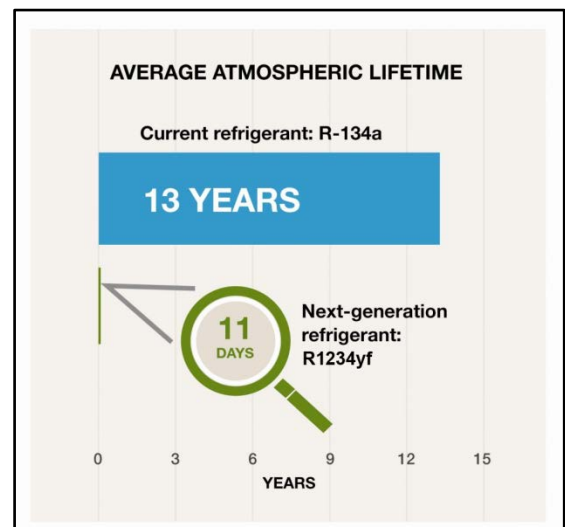
Governmental standards to reduce the length of time refrigerants can linger in the upper atmosphere have resulted in an adoption of R1234yf, as a replacement for R134a.

Global Warming Potential (GWP) is a value used to compare different greenhouse gases that trap heat in the atmosphere. R134a, with a GWP of 1,400, has an atmospheric life of 13 years. R1234yf has a GWP of 4 and an atmospheric life of 11 days.

R1234yf Recovery, Recycling, Recharging Equipment meeting SAE J2843 requirements are needed to service vehicles containing R1234yf.

Features of the R1234yf refrigerant:

- The performance of R1234yf is very similar to R134a and constitutes minimal changes to the overall system components.
- Compatible with various refrigerant oils and dyes.
- Vehicle A/C systems have specialized service ports to limit connectivity to non-R1234yf equipment, eliminating cross-contamination.
- Refrigerant available in 10 lb. bottles.



File Under: Climate

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