Service demand for R-1234yf is growing rapidly.

Are you prepared?

Nearly 80 million vehicles currently on the road in the US use R-1234yf refrigerant.

Garages need to be prepared to service vehicles with R-1234yf

An estimated 95% of vehicles manufactured for sale into the US in 2022 will use R-1234yf

The New OEM Standard

Chemours supplies Opteon™ R-1234yf to more than 11 OEMs globally

OEMs have widely adopted R-1234yf for use in US vehicles, including:

- Audi
- BMW
- Buick
- Cadillac
- Chevrolet
- Chrysler
- Dodge
- Fiat
- Ford
- GMC
- Honda
- Hyundai
- Infiniti
- Jaguar
- Jeep
- Kia
- Land Rover
- Lexus
- Maserati
- Mercedes-Benz
- Mitsubishi
- Porsche
- RAM
- Tesla
- Toyota
- Volkswagen
- Subaru

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Q: What is Opteon™ YF?
A: Opteon™ YF (R-1234yf) is a non-ozone depleting, low global warming potential (GWP) refrigerant that has become the standard refrigerant for most automotive manufacturers globally. Opteon™ YF refrigerant cools like Freon™ 134a in automotive air conditioning systems but it has a much lower GWP. Freon™ 134a has a GWP of 1,300; Opteon™ YF has a GWP < 1 and is therefore less harmful for the planet.

Q: Why is the price difference between Freon™ R-134a and Opteon™ YF noticeable and what do you get for the expanded cost?
A: Opteon™ YF (R-1234yf) is a completely new refrigerant, and is manufactured using a more complex process than Freon™ R-134a. In order to design an environmentally safe product for the automotive industry, there are also in-depth safety and validation steps during the product development phase to meet industry requirements.

Q: Why does a car use R-1234yf and not R-134a?
A: The car using R-1234yf was specifically designed to have a lower GWP refrigerant than R-134a.

Q: If a car uses Opteon™ YF, can I use Freon™ R-134a to service it?
A: No, it is illegal to use R-134a in a R-1234yf filled car. Cars filled with R-1234yf fall under the US EPA Clean Air Act, so they need to be filled with R-1234yf.

Q: How can I tell if a car uses R-1234yf?
A: There will be a label under the hood which shows the type of refrigerant the vehicle uses. One can also locate this information in the owner’s manual.

Opteon™ YF (R-1234yf) from Chemours is proudly made in the USA.

If you would like more information about Opteon™ YF, the Opteon family of refrigerants, or other refrigerant products, please visit opteon.com/yf or call 800-235-7882.