

REPAIRING R-134A CARS WITH SOLSTICE® YF (R-1234YF)

Honeywell

Due to the F Gas regulation, HFCs, including R-134a, are being phased out in many industries across Europe. Over the next few years the available supply of R-134a will be reduced and pricing will likely increase.

Honeywell has the simplest, most reliable and most sustainable solution for this problem. Older R-134a vehicles can now be repaired or recharged using Solstice® yf (R-1234yf).

More than 200 million vehicles globally are already using HFO-1234yf. Introduced as a low GWP replacement for HFC-134a, R-1234yf has made a significant impact on the auto industry. It is easy to use and provides the same cooling performance as R-134a.

Automakers agree that R-1234yf has been one of the most environmentally beneficial innovations of the last 10 years.

Why Solstice® yf (R-1234yf) is the obvious choice to replace R-134a?

R-1234yf is trusted and proven -
More than 200 million cars on
the road today using R-1234yf.

Superior performance versus other
R-134a replacement options*.

Extensive supply network in place.

Easy to use, already available in most shops.

No new tools or equipment needed,
can be used with existing R-134a
and R-1234yf equipment.

Environmentally preferable (GWP<1).

*Based on thermodynamic analysis for R-444A and R-456A

SUSTAINABILITY BENEFITS

Greenhouse gas emissions are being reduced every day as more and more new vehicles are built using Solstice[®] yf (R-1234yf). Now the aftermarket can also convert R-134a cars to R-1234yf. The use of Honeywell Solstice[®] yf is helping avoid the release of the equivalent of more than 106 million metric tons* of carbon dioxide into the atmosphere, comparable to:



Emissions from **11 billion gallons** of gasoline consumed



Emissions from **21 million homes'** electricity use for one year



Carbon sequestered by **123 million acres** of U.S. forests in one year

HOW TO PERFORM A RETROFIT



Remove remaining R-134a charge from the vehicle



Install new permanent fittings to the charge ports



Add our new oil/additive



Recharge the vehicle with same amount of R-1234yf



Attach new labels to identify that the refrigerant change has been made

* Calculations are based on actual sales of Solstice yf from Jan 2010 through Dec 2023, and utilize the EPA GHG equivalency calculator for conversion.

For More Information visit
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