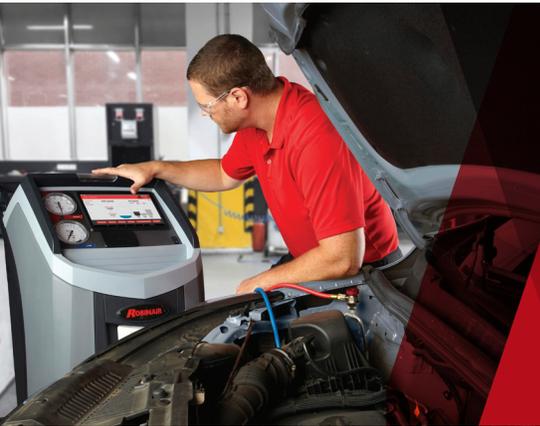


## 80% of the top-10 vehicle models sold in 2019 use R-1234yf

50%+ of all new vehicle models sold also use the new refrigerant



AC1234-4



AC1234-9  
Connected

### Why are manufacturers using R-1234yf?

Automakers receive CAFE credits for using the new refrigerant. Using R-1234yf helps them meet federal requirements for how far a vehicle must travel on a gallon of fuel.

### What do I need to service R-1234yf systems?

- ▶ A new machine meeting SAE J2927 and J2843 standards; Robinair's AC1234-4, AC1234-6 or AC1234-9
- ▶ A new leak detector meeting SAE J2913 and J2791 standards; Robinair's LD3, LD5 or LD7
- ▶ A syringe-type oil injector to inject oil back into the system; Robinair's 18465
- ▶ Optional tracer gas leak detector to reduce cost searching for leak; Robinair's LD9-TG

### Why Robinair?

- ▶ Robinair created the first commercially available R-1234yf machine in North America to fully meet the SAE's requirement for R-1234yf recovery, recycling and recharging
- ▶ Robinair R-1234yf machines are in more repair shops and dealerships in North America than all other brands combined
- ▶ Patented automatic background tank fill ensures you'll always have enough refrigerant to recharge a vehicle
- ▶ New connected machines and accessories for industry-leading connectivity, service and reporting
- ▶ Unmatched efficiency means more refrigerant is recovered for more accurate charging

### Top-10 vehicle models sold in 2019, United States

Vehicle	Uses R-1234yf?	Dealers use Robinair R-1234yf machine?
1 Ford F-150	Yes	Yes
2 Ram trucks	Yes	Yes
3 Chevrolet Silverado	Yes	Yes
4 Toyota Rav-4	Yes	Yes
5 Honda CR-V	Yes	Yes
6 Toyota Camry	Yes	Yes
7 Nissan Rogue	No	Yes
8 Chevrolet Equinox	Yes	Yes
9 Honda Civic	Yes	Yes
10 Toyota Corolla	No	Yes

## Industry-leading efficiency and more accurate service

# R-1234yf: What do I need?

## A new Leak Detector

Your existing leak detector may not recognize R-1234yf, meaning you may not catch an expensive refrigerant leak. Invest in one that meets SAE J2913 and J2791 standards

- › LD3 leak detector automatic calibration and audible alerts
- › LD5 leak detector with bar graph mode and color display
- › LD7 premium leak detector with bar and pinpoint graphing modes



LD7 shown

## New Syringe-Type Oil Injectors

1234yf systems have different fittings and couplers, requiring a new syringe-type oil injector to put oil back into the system. Current SAE standards for 1234yf service does not allow automatic oil injection on a machine

- › 18460 unlabeled 1234yf oil injector
- › 18465 PAG-labeled 1234yf injector
- › 18470 POE-labeled 1234yf injector

18465  
shown

## Optional Tracer Gas Leak Detector

R-1234yf is expensive. Tracer gas is cheap.

When looking for leaks in 1234yf systems, tracer gas and a tracer gas detector can help find leaks faster at a significant savings. The 95% nitrogen / 5% hydrogen gas mix will not harm A/C systems and can help find leaks.

- › LD9-TG tracer gas leak detector
- › LD9-TGKIT tracer gas leak detector with R-1234yf and R-134a couplers, regulator and hose



LD9-TGKIT shown