



This Service Information bulletin supersedes SI B04 02 16 dated March 2016.

## MODEL

F06 (6 Series Gran Coupe)	F12 (6 Series Convertible)	F13 (6 Series Coupe)	<b>Vehicles produced from March 2016</b>
F25 (X3)	F26 (X4)	<b>Vehicles produced from April 2016</b>	F07 (5 Series Gran Turismo)
F10 (5 Series Sedan)	F22 (2 Series Coupe)	F23 (2 Series Convertible)	F30 (3 Series Sedan)
F31 (3 Series Wagon)	F32 (4 Series Coupe)	F33 (4 Series Convertible)	F34 (3 Series Gran Turismo)
F36 (4 Series Gran Coupe)	F48 (X1)	F80 (M3 Sedan)	F82 (M4 Coupe)
F83 (M4 Convertible)	F87 (M2 Coupe)	G12 (7 Series Sedan)	I01 (i3)
I12 (i8)	<b>Vehicles produced from July 2016</b>	F15 (X5)	F16 (X6)
F85 (X5 M)	F86 (X6 M)	<b>Vehicles produced from August 2016</b>	

## SITUATION

Starting with the above models, 2017 model year and newer vehicles will utilize the improved environmentally friendlier AC refrigerant R-1234yf. The utilization of R-1234yf requires all new servicing equipment.

**Never attempt to use R-134a servicing equipment on an R-1234yf system, or the reverse.** R 134a and R-1234yf vehicle AC fittings are not the same. For additional information on R-1234yf BMW vehicles refer to SI B64 03 16.

Distribution of the items in this service information will not be through the Automatic Tool Shipment Program. Tools may be purchased through the BMW Equipment Program – [www.bmwcentersolutions.com](http://www.bmwcentersolutions.com) or 1 888 222 7997. Prices on this service information are good until 4/30/16. Always sign on to the website to check the latest prices.

## EQUIPMENT INFORMATION

	<p>Robinair R1234yf Recovery/Recycling Machine Order P/N 42-AC1234-6 Price = Refer to website</p> <p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>• Fully meets SAE requirements for recovering, recycling and recharging vehicle R-1234yf systems.</li> <li>• Approved by BMW Group</li> <li>• Fully automatic operation. Program for service, walk away and return when complete.</li> <li>• 95% recovery efficiency</li> <li>• Programmable vacuum operation</li> <li>• Built-in system leak test</li> </ul>
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- Charge accuracy to within +/- 1/2oz.
- Automatic oil drain
- SAE regulations permit manual oil injection only. Manual oil injection not included with 42-AC1234-6.
- Always refer to the vehicle Refrigerant label for the proper PAG oil.
- Automatic air purge
- Integrated refrigerant identification. Will not allow contaminated refrigerant into the machine.
- Auto-internal tank refill
- Color VGA display
- On-board printer

## SPECIFICATIONS

- Operating voltage: 103 – 127 Volt 60 Hz AC
- 100 mm EN837-1 pressure gauges
- Alpha-numeric keypad with service function keys
- 1.5 CFM dual stage vacuum pump
- 1/3 HP hermetic compressor
- 22 lb. ASME internal storage tank
- USB SD and RJ45 I/O ports
- 8' SAE J2888 service hoses with R-1234yf high- and low-side system couplers
- Meets all requirements of SAE J2843
- Dimensions: 36" x 24" x 48.5"
- Weight: 230 lbs.



R-1234yf Oil Injector  
Order P/N 42-18460

**UPDATE!** Price = Refer to website

- SAE regulations permit manual oil injection only.
- Always refer to the vehicle Refrigerant label for the proper PAG oil.



R-1234yf Leak Detector  
Order P/N 42-22791  
List Price= \$380.00

**UPDATE!** Price = Refer to website

### FEATURES

- Advanced infrared sensor designed to last a minimum of 10 years.
- Three sensitivity levels down to 0.15 oz. /year.
- Automatically recalibrates in highly contaminated areas.
- Won't trigger on oil or moisture.
- Senses CFC, HFC, HCFC blends and HFO-1234yf refrigerants.
- 8-hour lithium ion battery lasts all day long and beyond.

- Visual alert and peak button make it easy to find leaks in noisy environments.
- Audible alert with mute button.
- Magnetic hanger to easily hang the unit during leak repairs.
- Durable carrying case to store leak detector and accessories.
- Meets SAE J2913 standard for R-1234yf and previous J2791 standard for R-134a.

### R-1234yf Contaminated Refrigerant Unit

Order P/N 42-25700

List Price= \$996.00

**UPDATE!**

Price = Refer to website

#### FEATURES

- Durable, compact, portable design allows user to recover contaminated refrigerant easily at the vehicle.
- Low side hose with R-1234yf coupler and black recovery hose included.
- 80% tank full shut off safety harness prevents overfilling recovery tank.
- Proprietary oil-less compressor is capable of handling both liquid and vapor refrigerant.
- Self-purge function effectively removes any remaining refrigerant from the machine.
- High pressure shut-off switch turns the machine off automatically if the pressure rises above 435 PSI. to protect the equipment.
- Inlet filter screen stops debris from getting inside of the machine.



**UPDATE!**

### MAHLE R1234yf Recovery/Recycling Machine

Order P/N 362-460-80386 -00

Price = Refer to website

#### FEATURES

- Fully meets SAE requirements for recovering, recycling and recharging vehicle R-1234yf systems.
- Approved by BMW Group
- 95% recovery efficiency
- Easy access for service and maintenance tasks
- Leak free high/low quick release couplings
- Quick service vacuum pump oil filter inlet and drain
- Integrated printer



## ORDERING INFORMATION

All items in this service information are available for purchase through the BMW Equipment program. [www.bmwcentersolutions.com](http://www.bmwcentersolutions.com) or 1 888 222 7997.

## EQUIPMENT WARRANTY/ SERVICE

If warranty or service are required, please contact the BMW Equipment Program @ 1 888 222 7997.