

Workshop Tools & Equipment Bulletin

TITLE:

Battery Electric Vehicle (BEV) Refrigerant 1234YF and POE compressor oil

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A/C compressor oil – POE (Polyol Ester)

Battery Electric Vehicles (BEV) are equipped with R1234YF and POE compressor oil –

It is critical to have a dedicated A/C machine in the workshop for BEV vehicles which are equipped R1234YF and POE oil. This machine must be easily identified. For example but not limited to clear identifiable labelling applied to the machine to ensure it is not used for other vehicles.

R1234YF and PAG compressor oil – cannot share the same machine as R1234YF and POE compressor oil.

Polestar recommends the following equipment.

R1234YF Recover, Recycle, Recharge A/C Machine Robinair ***	42-AC1234-4
R1234YF ArcticPro ACX2250 - R1234yf Air Conditioning Service System Mahle ASS (RTI) ***	362-460 80446 00



R1234yf Advanced Recover, Recycle and Recharge Machine

42-AC1234-4
Robinair

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ArcticPRO ACX2250

362-460 80446 00

Mahle Aftermarket Service Solutions (RTI)

Additional information:

1234YF has specific needs to introduce POE oil into the system when performing certain A/C repairs.

Robinair 42-18470 labelled for POE only is required for introducing /adding oil



Mahle Aftermarket Service Solutions (RTI) is available as an option



POE Starter Oil Injection Kit 4oz.

362-360 83363 00

Mahle Aftermarket Service Solutions (RTI)

These products are available from your current Workshop Equipment provider.