

Oil Charge for Chevrolet/GM Compressor, 6513078, with Rear A/C



When installing compressor, 6513078, on the applications listed below it is critical to identify if the vehicle has a second auxiliary, or “rear air” system and verify the system’s compressor oil and refrigerant charge specifications, located on sticker under the hood. Vehicles with rear air are equipped with several extra components that are powered by the primary compressor, such as:

- Rear evaporator
- Rear heater core
- Rear blower motor housing, including resistor/module HVAC control module and actuators
- Rear expansion valve or orifice tube
- Extended refrigerant lines

These auxiliary components significantly increase the system’s refrigerant and oil capacity needs. This is why manufacturers will specify additional oil be added to the compressor when servicing or replace the compressor in models with rear air. Failure to add the extra oil may result in insufficient lubrication that can damage the compressor and interrelated A/C components.



6513078

Compressor; Compatible with Rear Air Models (Add 4 oz.); Contains PAG46, compatible with R1234yf systems; 4 Groove Pulley; 7SAS17A

6513078 APPLICATIONS

2015–2020 Cadillac Escalade;ESV 6.2 V8 FLEX/GAS
2014–2018 Chevrolet Cheyenne 5.3, 6.2 V8 FLEX/GAS
2014–2018 Chevrolet Silverado 1500,2500 4.3 V6, 5.8 V8 FLEX/GAS
2017–2018 Chevrolet Silverado 1500 5.3 V8 (MHEV)
2015–2020 Chevrolet Suburban 5.3 V8 FLEX/GAS
2019–2020 Chevrolet Suburban 6.2 V8 FLEX/GAS
2015–2020 Chevrolet Tahoe 5.3 V8 FLEX/GAS
2018–2020 Chevrolet Tahoe 6.2 V8 FLEX/GAS
2014–2018 GMC Sierra 1500 4.3 V6, 5.3,6.2 V8 FLEX/GAS
2017–2018 GMC Sierra 1500 5.3 V8 (MHEV)
2014–2020 GMC Yukon XL 5.3 V8 FLEX
2015–2019 GMC Yukon XL 6.2 V8 FLEX
2016–2020 GMC Yukon XL 5.3, 6.2 V8 GAS
2015–2020 GMC Yukon 5.3, 6.2 V8 FLEX/GAS

For the models listed above with rear air systems, it is recommended to add an additional 4oz. of oil to the compressor.



Example of under hood label that notes additional oil needed for system with rear air.

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