

Specifications - Vehicles With: R134A Refrigerant

Lubricants, Fluids, Sealers and Adhesives

NOTE: Compressor control and the evaporator temperature are a function of many parameters, not a straight on off to avoid freezing the evaporator. The PCM monitors multiple temperature sensors correlation (AAT, CHT, ECT IAT, MAF...) as applicable. The PCM runs this logic after an engine off and a calibrated soak period, typically 6 to 8 hours. This soak period allows the Ambient Air Temperature (AAT) sensor and the other temperature sensors to stabilize and not differ by greater than a calibrated value, typically 18°C (32.4°F). If a sensor input is found to be reporting a temperature imbalance the PCM does not allow the A/C clutch to engage. For more information on PCM sensors, Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual.

Mexico (US\Canada Raptor Only)	Specifications
Motorcraft® PAG Refrigerant Compressor Oil / YN-12-D	WSH-M1C231-B
Motorcraft® R-134a Refrigerant (US and Mexico); R-134a Refrigerant (Canada) YN-19 (US); CYN-19-R (Canada); MYN-19 (Mexico)	WSH-M17B19-A
Motorcraft® A/C System Flushing Solvent / YN-23	—
Motorcraft® A/C Cooling Coil Coating / YN-29	—

Capacities

Motorcraft® PAG Refrigerant Compressor Oil / YN-12-D	2.7L EcoBoost 2.7 fl oz (80 ml)
	3.3L Duratec 3.4 fl oz (100 ml)
	3.5L EcoBoost 2.7 fl oz (80 ml)
	5.0L Ti-VCT 2.7 fl oz (80 ml)

Motorcraft® R-134a Refrigerant (US and Mexico); R-134a Refrigerant (Canada) YN-19 (US); CYN-19-R (Canada); MYN-19 (Mexico)	2.7L EcoBoost 31 oz (0.88 kg)
	3.3L Duratec 31 oz (0.88 kg)
	3.5L EcoBoost 31 oz (0.88 kg)
	5.0L Ti-VCT 31 oz (0.88 kg)

A/C Compressor Clutch Air Gap

	mm
A/C compressor clutch air gap	0.3 — 0.6

Copyright © 2018 Ford Motor Company