

Material

Item	Specification	Fill Capacity
Motorcraft® A/C Cooling Coil Coating YN-29	—	—
Motorcraft® A/C System Flushing Solvent YN-23	—	—
Motorcraft® PAG Refrigerant Compressor Oil YN-12-D	WSH-M1C231-B	207 ml (7 fl oz)
Motorcraft® R-134a Refrigerant YN-19 (US); CYN-16-R (Canada)	WSH-M17B19-A	0.74 kg (26 oz) (1.63 lb)

General Specifications

Item	Specification
A/C Compressor	
Type	FS-18
Rotation	Clockwise
A/C Compressor Magnetic Clutch	
Air gap clearance	0.35-0.65 mm (0.014-0.026 in)
A/C Cycling Switch Open and Closed Pressures ^a	
Open pressure	145-159 kPa (21-23 psi)
Closed pressure	290 kPa (42 psi)
A/C Pressure Relief Valve ^a	
Open pressures	3,792-4,137 kPa (550-600 psi)
A/C Pressure Transducer (V6)	Powertrain Control/Emissions Diagnosis (PC/ED) manual
Evaporator Core Orifice	
Color	Blue
Dual Function Pressure Switch (V8) ^a	
Clutch off/open	2,999-3,275 kPa (435-475 psi)
Clutch on/closed	1,517-1,931 kPa (220-280 psi)
Fan on/open	2,137-2,344 kPa (310-340 psi)
Fan off/closed	1,655-2,137 kPa (240-310 psi)

Refrigerant System Dye

R-134a Leak Detection Dye 164-R6060 or 164-R6081

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^a Manifold gauge set pressures may vary slightly depending on the distance between the service gauge port valve and the A/C pressure relief valve, the A/C cycling switch, the A/C pressure transducer (V6) and the dual function pressure switch (V8) location.
