

Material

Item	Specification	Fill Capacity
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)

General Specifications

Item	Specification
Magnetic Clutch	
Clutch air gap	0.35-0.65 mm (0.014-0.026 in)

Torque Specifications

Description	Nm	lb-ft	lb-in
A/C clutch disc and hub bolt	13	—	115
A/C pressure relief valve	10	—	89
Compressor bolt (4.0L)	25	18	—
Compressor fitting nuts (4.6L or 5.4L)	15	—	133
Compressor manifold and tube bracket nut	25	18	—
Compressor manifold bolt	21	15	—
Compressor studs (4.6L or 5.4L)	25	18	—
Condenser inlet fitting nut	8	—	71
Condenser outlet fitting nut	8	—	71
Evaporator fitting nuts	8	—	71
Exterior heater core and evaporator core housing nuts	7	—	62
High-pressure Schrader-type valve	2.5	—	22
High-pressure service gauge port valve cap	0.8	—	7
Interior heater core and evaporator core housing nut	5	—	44
LH lower compressor stud (4.0L)	25	18	—
Low-pressure Schrader-type valve	1.8	—	16
Low-pressure service gauge port valve cap	0.8	—	7
Power steering pressure hose bracket bolt	8	—	71
Upper compressor studs (4.0L)	4	—	35
Upper LH compressor nut (4.0L)	25	18	—

