

SECTION 412-01: Climate Control
SPECIFICATIONS

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Material

Item	Specification	Fill Capacity
Motorcraft® PAG Refrigerant Compressor Oil YN-12-D	WSH-M1C231-B	6.2L (2v) Only 177 ml (6 fl oz) 3.5L GTDI, 3.7L or 5.0L (4v) 100 ml (3.4 fl oz)
Motorcraft® R-134a Refrigerant YN-19 (US); CYN-16-R (Canada)	WSH-M17B19-A	0.68 kg (24 oz) (1.5 lb)

General Specifications

Item	Specification
Magnetic Clutch	
Clutch air gap clearance	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	14	—	124
A/C compressor discharge fitting nut	15	—	133
A/C compressor bolts	25	18	—
A/C compressor suction fitting nut	15	—	133
Air inlet duct bracket nut	7	—	62
Condenser inlet fitting bolt	20	—	177
Condenser outlet fitting nut	15	—	133
Evaporator-to-compressor suction line fitting nut	15	—	133
Fan shroud bolts	15	—	133
Ground cable nut	9	—	80
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
Horn assembly bolt	10	—	89
Junction box bracket bolts	10	—	89
Low-pressure Schrader-type valve	1.8	—	16

Low-pressure service gauge port valve cap	0.8	—	7
Plenum chamber nut	7	—	62
Radiator bolts	15	—	133
Steering column cover reinforcement bolts	9	—	80
Thermostatic Expansion Valve (TXV) bolts	8	—	71
<u>TXV</u> manifold and tube bracket bolt	8	—	71
<u>TXV</u> fitting nut	15	—	133

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