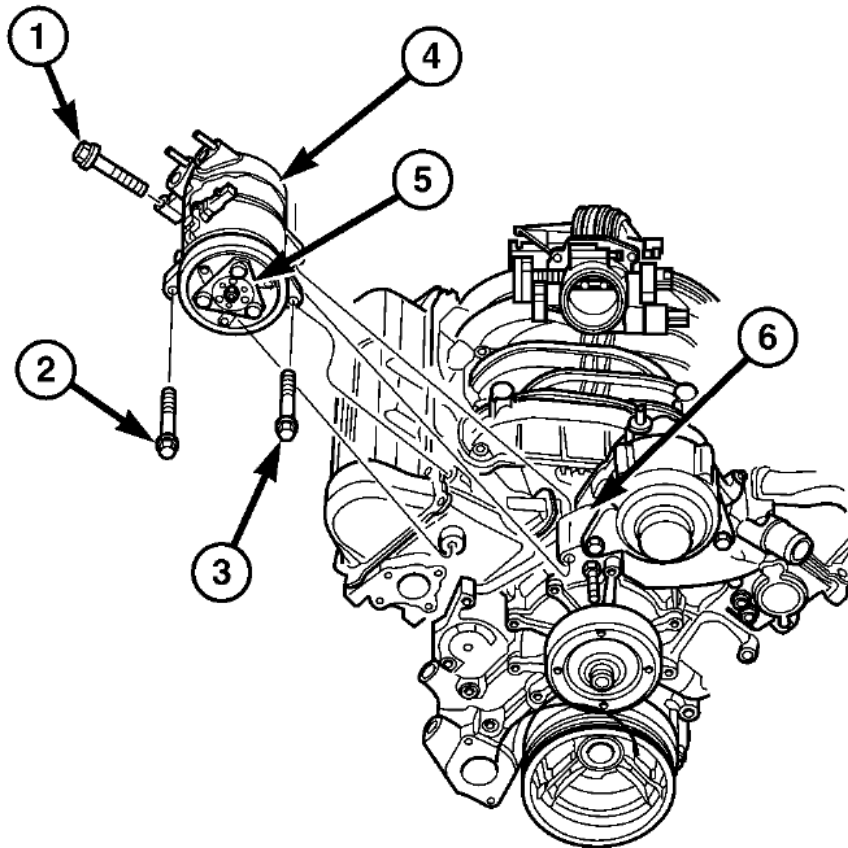


Description	N·m	Ft. Lbs.	In. Lbs.
A/C Condenser Bracket Bolts	5	–	44
A/C Compressor Clutch Plate Nut/Bolt	17.5	–	155
A/C Compressor Bolts - 3.7L	Front outboard and rear bolt - 55 Front inboard bolt - 40	Front outboard and rear bolt - 41 Front inboard bolt - 30	–
A/C Compressor Bolts - 2.4L and 2.5L/2.8L Diesel	27	20	–
A/C-Heater Control Screws	2.2	–	20
Accumulator Retaining Band Screw	5	–	44
Accumulator Bracket Nuts	4.5	–	40
Automatic Transmission Cooler Bolts	5	–	44
Blend Door Actuator Screws	2.2	–	20
Blower Motor Resistor Block Screws	2.2	–	20
Defroster Duct Screws	2.2	–	20
Floor Distribution Duct Screws	2.2	–	20
Heater Core Screws	2.2	–	20
HVAC Housing Screws	2.2	–	20
HVAC Housing Nuts	6	–	53
Rear Floor Heat Duct Screw	2.2	–	20
Refrigerant Lines to Accumulator Nuts	9	–	80
Refrigerant Lines to Condenser Nuts	12	–	105
Refrigerant Lines to Compressor Nuts/Bolts	28	20	–
Refrigerant Lines to Evaporator Nuts	23	17	–

DESCRIPTION	N·m	Ft. Lbs.	In. Lbs.
A/C COMPRESSOR CLUTCH PLATE NUT	14.4	10.5	127.4
A/C COMPRESOR LINE MANIFOLD FASTENER	28 (±6)	21 (±4)	250 (±50)
A/C COMPRESSOR TO MOUNTING BRACKET BOLTS - 3.7L and 2.4L	27	20	239
A/C COMPRESSOR TO MOUNTING BRACKET BOLTS - 2.5L DIESEL	33	25	292
ACCUMULATOR RETAINING BAND	5	3.7	44
BLEND DOOR ACTUATOR SCREWS	2.4 (±.34)	1.8 (±.25)	21 (±3)
HVAC HOUSING SCREWS	2.4 (±.34)	1.8 (±.25)	21 (±3)
HVAC HOUSING TO DASH PANEL NUTS	6.2	4.6	55
SUCTION LINE TO ACCUMULATOR FITTING	9	6.6	80

(2) On the 3.7L gasoline engine install and tighten the bolts in the following sequence (Fig. 5):

- The number one bolt (rear) is hand tightened first then tightened to 55 N·m (41 ft. lbs.)
- The number three bolt is then hand tightened and torqued to 40 N·m (30 ft. lbs.)
- The number two bolt is also hand tightened and torqued to 55 N·m (41 ft. lbs.)



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**Fig. 5 A/C COMPRESSOR - 3.7L ENGINE- (typical
4.7, 5.7 & 8.0L)**

- 1 - COMPRESSOR BOLT #1
- 2 - COMPRESSOR BOLT #2
- 3 - COMPRESSOR BOLT #3
- 4 - A/C COMPRESSOR
- 5 - A/C COMPRESSOR CLUTCH AND PULLEY
- 6 - COMPRESSOR MOUNT

Refrigerant Oil Capacities		
Component	ml	fl oz
Complete A/C System	240	8
Accumulator	90	3
Condenser	22	.75
Evaporator	45	1.5
Compressor	drain and measure the oil from the old compressor as noted	

SPECIFICATIONS - CHARGE CAPACITY

The R-134a refrigerant system charge capacity for this vehicle is 0.737 kilograms (1.63 pounds).

Performance Temperature and Pressure					
Ambient Air Temperature	21° C (70° F)	27° C (80° F)	32° C (90° F)	38° C (100° F)	43° C (110° F)
Air Temperature at Center Panel Outlet	7° C (45° F)	7° C (45° F)	13° C (55° F)	13° C (55° F)	18° C (64° F)
Compressor Inlet Pressure at Service Port (Low Side)	138 to 207 kPa (20 to 30 psi)	172 to 241 kPa (25 to 35 psi)	207 to 276 kPa (30 to 40 psi)	241 to 310 kPa (35 to 45 psi)	276 to 345 kPa (40 to 50 psi)
Condensor Outlet Pressure at Service Port (High Side)	1034 to 1724 kPa (150 to 250 psi)	1379 to 2068 kPa (200 to 300 psi)	1724 to 2413 kPa (250 to 350 psi)	1999 to 2689 kPa (290 to 390 psi)	2413 to 2965 kPa (350 to 430 psi)