

1995 Dodge Dakota

ENGINE OVERHAUL 1995 CHRYSLER CORP. ENGINES 3.9L V6 - VIN X

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Axle Bracket-To-Bellhousing Bolt (Dakota 4WD)	65 (88)
Axle Shaft Nut (Dakota 4WD)	180 (244)
Axle Shaft-To-Differential Flange Bolt (Dakota 4WD)	66 (90)
Axle-To-Insulator Bolt (Dakota 4WD)	75 (102)
Camshaft Sprocket Bolt	50 (68)
Camshaft Thrust Plate Bolt	18 (24)
Clutch Housing-To-Cylinder Block Bolt	
Dakota & RWD Van	
(1)	20-40 (27-54)
(2)	35-65 (47-88)
All Others	40 (54)
Connecting Rod Bolt	45 (61)
Crankshaft Pulley Bolt	18 (24)
Cylinder Head Bolt ⁽³⁾	
Step 1	50 (68)
Step 2	105 (143)
Step 3 (Verify Torque)	105 (143)
Diff. Pinion Nose Bracket-To-Adapter Bolt (Dakota 4WD)	65 (88)
Differential Pinion Nose Bracket-To-Bellhousing Bolt (Dakota 4WD)	65 (88)
Engine Mount Bracket-To-Frame Rail Bolt (Dakota 2WD)	30 (41)
Engine Mount Through-Bolt	
Dakota 2WD	50 (68)
Dakota 4WD	75 (102)
Engine Mount-To-Cylinder Block Bolt (Dakota)	30 (41)
Engine Mount-To-Frame Bracket Bolt/Nut	
Ram Pickup	75 (102)
Ram Van/Wagon	65 (88)
Exhaust Manifold Bolt & Nut	25 (34)
Flywheel/Flexplate-To-Crankshaft Bolt	55 (75)
Front Cover Bolt	30 (41)
Main Bearing Cap Bolt	85 (115)
Oil Filter Adapter Stud	50 (68)
Oil Pan Bolt	18 (24)
Oil Pump Bolt	30 (41)
Rocker Arm Bolt	21 (28)
Shift Motor Bolt (Dakota 4WD)	65 (88)

1995 Dodge Dakota

ENGINE OVERHAUL 1995 CHRYSLER CORP. ENGINES 3.9L V6 - VIN X

Spark Plug	30 (41)
Transfer Case Yolk Bolt (Dakota 4WD)	20 (27)
Vibration Damper Bolt	135 (183)
Water Pump Bolt	30 (41)
Wheel Lug Nut	
1/2"	85-105 (115-142)
5/8"	177-225 (240-305)
INCH Lbs. (N.m)	
Intake Manifold Bolt	
Step 1 ⁽⁴⁾ (Bolts No. 1 & 2)	72 (8)
Step 2 (Bolts 3 Through 12)	72 (8)
Step 3 (Verify Torque)	72 (8)
Step 4 (Torque All Bolts)	144 (16)
Step 5 (Verify Torque)	144 (16)
Intake Manifold Plenum Pan Bolt	
Step 1	27 (3)
Step 2	44 (5)
Step 3	89 (10)
Step 4 (Verify Torque)	89 (10)
Oil Pump Cover Bolt	97 (11)
Valve Cover Bolts	97 (11)

(1) Bolts through clutch housing into cylinder block.

(2) Bolts through cylinder block into clutch housing.

(3) Tighten bolts in sequence. See [Fig. 4](#) .

(4) Tighten bolts in alternating steps of 12 INCH lbs. (1.4 N.m) to 71 INCH lbs. (8 N.m). See [Fig. 3](#) .