



Rebuild Specification for Jeep® JL UD44™ AdvanTEK® Front Axles



Diff Specifications - M210 Front

USA

Metric

Ring Gear Bolt (DRY / NO OIL).....	135 – 155 ft-lbs	180 – 210 Nm
Bearing Cap Bolt.....	66.5 – 73.5 ft-lbs	90 – 100 Nm
Pinion Nut.....	160 ft-lbs	217 Nm MIN
Ring Gear Backlash.....	0.003” – 0.006”	.076 – .152 mm
Diff Cover Bolt.....	28 – 33 ft-lbs	38 – 45 Nm
Diff Cover Plug.....	15 – 25 ft-lbs	20 – 34 Nm
EDL Connector Screw.....	7 – 8.5 ft-lbs	9 – 12 Nm
Lubricant Type.....	SAE 75W-140 Gear Lubricant	
Lubricant Capacity.....	***Initial Fill: Fill to bottom of upper fill hole	
.....	***Service Fill: Fill to bottom of lower fill hole	
Axle Nut.....	90 – 110 ft-lbs	122 – 149 Nm
Hub Assembly Bolts.....	67 – 74 ft-lbs	90 – 100 Nm

Drive Pinion and Total Torque to Rotate

Drive Pinion Torque to Rotate (PTR).....	13.4 – 29.4 in-lbs	1.51 – 3.32 Nm
Total Torque to Rotate (PTTR):		

Gear Ratio	USA (in-lbs)	Metric (Nm)
3.73	PTR + (3.9 - 8.4 in-lbs)	PTR + (0.45 - 0.95 Nm)
4.10	PTR + (3.6 - 8.1 in-lbs)	PTR + (0.41 - 0.91 Nm)
4.56	PTR + (3.3 - 7.7 in-lbs)	PTR + (0.37 - 0.87 Nm)
4.88	PTR + (3.0 - 7.4 in-lbs)	PTR + (0.34 - 0.84 Nm)
5.13	PTR + (2.9 - 7.3 in-lbs)	PTR + (0.33 - 0.83 Nm)
5.38	PTR + (2.7 - 7.2 in-lbs)	PTR + (0.31 - 0.81 Nm)

