



Rebuild Specification for Jeep® JL Dana 44™ AdvanTEK® and UD44™ AdvanTEK® Rear Axles



Diff Specifications - **M220 Rear**

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
Ring Gear Backlash.....	0.003" – 0.006"	.08 – .15 mm
Diff Cover Bolt.....	25 – 30 ft-lbs	35 – 40 Nm
Diff Cover Plug.....	15 – 25 ft-lbs	20 – 34 Nm
Axle Shaft Retainer Plate Nut.....	55.5 – 62.5 ft-lbs	75 – 85 Nm
EDL Connector Screw.....	7 – 8.5 ft-lbs	9 – 12 Nm
Carrier Drain Plug.....	15 – 25 ft-lbs	20 – 34 Nm
Lubricant Capacity (ELD, STD).....	3.06 pts.	1.45 L
Lubricant Type (ELD, STD).....	SAE 75W-140 Gear Lubricant	
Lubricant Capacity (T/L).....	2.87 pts.	1.36 L
Lubricant Type (T/L).....	SAE 75W-140 Gear Lubricant	
Friction Modifier Capacity (T/L).....	0.15 pts.	0.07 L
Friction Modifier (T/L).....	Limited Slip Friction Modifier	

Drive Pinion and Total Torque to Rotate

Drive Pinion Torque to Rotate (PTR)	13.54 – 21.42 in-lbs	1.53 – 2.42 Nm
Total Torque to Rotate (PTTR):		

Gear Ratio	USA (in-lbs)	Metric (Nm)
3.45	PTR + 10.01 / 18.93	PTR + 1.13 / 2.14
3.73	PTR + 9.28 / 17.54	PTR + 1.05 / 1.98
4.10	PTR + 8.43 / 15.94	PTR + 0.95 / 1.80
4.56	PTR + 7.59 / 14.35	PTR + 0.86 / 1.62
4.88	PTR + 7.09 / 13.41	PTR + 0.80 / 1.51
5.13	PTR + 6.75 / 12.75	PTR + 0.76 / 1.44
5.38	PTR + 6.43 / 12.16	PTR + 0.73 / 1.37