



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



<b>Diff Specifications - M210 Front USA</b>	<b>Metric</b>	<b>Dana Part #</b>
Ring Gear Bolt (DRY / NO OIL)..... 135 – 155 ft-lbs	180 – 210 Nm	10008806*
Bearing Cap Bolt.....66.5 – 73.5 ft-lbs	90 – 100 Nm	48544-2
Pinion Nut..... 160 ft-lbs	217 Nm MIN	2009625
Ring Gear Backlash.....0.003” – 0.006”	.076 – .152 mm	
Diff Cover Bolt.....28 – 33 ft-lbs	38 – 45 Nm	10050881**
Diff Cover Plug.....15 – 25 ft-lbs	20 – 34 Nm	2019553-1
EDL Connector Screw ..... 7 – 8.5 ft-lbs	9 – 12 Nm	10039789
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	2008564
Hub Assembly Bolts.....67 – 74 ft-lbs	90 – 100 Nm	

\* Ring Gear Bolts - 10 pk., 10040474  
 \*\* Carrier Cover Bolts - 12 pk., 10062575

**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):

<b>Gear Ratio</b>	<b>USA (in-lbs)</b>	<b>Metric (Nm)</b>	<b>Dana Part #</b>
3.73	PTR + 3.9 / 8.4	PTR + 0.45 / 0.95	10046055
4.10	PTR + 3.6 / 8.1	PTR + 0.41 / 0.91	10048087
4.56	PTR + 2.8 / 7.3	PTR + 0.32 / 0.82	10050939
4.88	PTR + 2.3 / 6.7	PTR + 0.26 / 0.76	10051746
5.13	PTR + 1.9 / 6.4	PTR + 0.22 / 0.72	10051004
5.38	PTR + 1.7 / 6.1	PTR + 0.19 / 0.69	10050979

Install Kit Part # 10040468    Master Kit Part # 10040469

