

Ring and Pinion Kit Instructions
M210 Ford Bronco U725

M210 Specs

	USA	Metric
Ring Gear Bolt	37+/-2 ft-lbs. + 65°	50+/-2.5 Nm + 65°
Circumferential Backlash	0.004" - 0.009"	0.11 - 0.23 mm
Pinion Nut	160 - 660 ft-lbs	217 - 900Nm
Carrier Cover Bolt	30+/-2 ft-lbs. + 30°	40+/-2.5 Nm + 30°
Diff Cover Fill Plug	17 - 25 ft-lbs.	23 - 34 Nm
Diff Cover Drain Plug	17 - 25 ft-lbs.	23 - 34 Nm
Tube to Cover Bolt	22+/-2 ft-lbs + 40°	30 +/-2.5 Nm + 40°
Pinion Bracket Bolt	30+/-2 ft-lbs. + 60°	40+/-2.5 Nm + 60°
EDL Connector Screw	7 - 9 ft-lbs.	9 - 12 Nm
Lubricant Capacity (ELD)	0.8 qts.	775ml +/- 25ml
Lubricant Type	SAE 75W-140 Gear Lubricant	

Drive Pinion and Total Torque to Rotate

Drive Pinion Torque to Rotate (PTR)	13.28 - 29.38 in-lbs	1.5 - 3.32 Nm
Total Torque to Rotate (PTTR)		

Gear Ratio	USA (in-lbs)	Metric (Nm)
4.1	PTR + (2.39 - 6.82)	PTR + (0.27 - 0.77)
4.27	PTR + (2.30 - 6.55)	PTR + (0.26 - 0.74)
4.46	PTR + (2.21 - 6.28)	PTR + (0.25 - 0.71)
4.56	PTR + (2.12 - 6.11)	PTR + (0.24 - 0.69)
4.7	PTR + (2.03 - 5.93)	PTR + (0.23 - 0.67)
4.88	PTR + (2.03 - 5.75)	PTR + (0.23 - 0.65)
5.13	PTR + (1.86 - 5.49)	PTR + (0.21 - 0.62)
5.38	PTR + (1.77 - 5.22)	PTR + (0.20 - 0.59)

Kit Contents

Description	Qty
Crush Sleeve (Spacer)	1
Pinion Nut	1
Gearset	1