



**Haynes**  
shows you how

**BMW 3-Series (92-98) & Z3 (96-98) Haynes Online Manual**

## Specifications

### Clutch disc

Minimum thickness	19/64-inch
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Ft-lbs (unless otherwise indicated)

### Torque specifications

Clutch cover-to-flywheel bolts	18
Clutch release cylinder nuts	16
Clutch master cylinder bolts	16
Hydraulic fittings	144 in-lbs
Differential mounting bolts	
Front bolt	70
Rear bolts	59
Driveshaft flange retaining nut (approximate - see text for tightening procedure)	
M20 nut	131
M22 nut	138
Driveshaft	
Front universal joint-to-transmission	48
Rubber coupling-to-transmission/driveshaft	
M10 (Grade 8.8) bolts	35
M10 (Grade 10.9) bolts	48
M12 (Grade 8.8) bolts	60
M12 (Grade 10.9) bolts	74
Support bearing bracket nuts	15
Rear universal joint-to-differential	
Nyloc nut ("squeeze nut")	48
Ribbed nut	67

Threaded sleeve	84 in-lbs
Driveaxle	
Shaft to differential flange bolts:	
Allen bolts:	
M10 bolts:	
Bolts with locking teeth	71
Bolts without locking teeth	61
M12 bolts	81
Torx bolts:	
M10 bolts:	
Bolts with locking teeth	74
Bolts without locking teeth	61
M8 bolts	48
Driveaxle retaining nut	186
Wheels	
Wheel bolts	See <a href="#">Chapter 1</a>