



Haynes
shows you how

BMW 3-Series and Z4 (99-05) Includes 2006 325ci/330ci Coupe and Convertible models Haynes Online Manual.

Specifications

Lubrication

Oil capacity

See [Chapter 1](#)

Torque wrench settings

Ft-lbs (unless otherwise indicated) Nm

Transmission crossmember-to-body bolts

M8 bolts	15	21
M10 bolts	31	42

Transmission mounting-to-transmission nuts

M8 nuts	15	21
M10 nuts	31	42

Transmission-to-engine bolts

Hexagon head bolts

M8 bolts	18	25
M10 bolts	36	49
M12 bolts	55	74

Torx head bolts

M8 bolts	16	22
M10 bolts	32	43
M12 bolts	53	72

Oil drain plug 37 50

Oil filler/level plug 37 50

Output flange-to-output shaft nut*

Stage 1	140	190
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Stage 2	Remove nut and apply locking compound	
Stage 3	89	120
Back-up light switch	15	21

* Coat the threads of the nut with thread-locking compound.