

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

## Specifications

### Lubrication

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Recommended oil	See <a href="#">Chapter 1</a>
Capacity (from dry)	See <a href="#">Chapter 1</a>

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Ft-lbs

### Torque specifications

#### Transmission-to-engine bolts

##### Hexagon head bolts

M8 bolts	18
M10 bolts	36
M12 bolts	55

##### Torx head bolts

M8 bolts	16
M10 bolts	32
M12 bolts	53

Oil drain plug	37
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Oil filler/level plug	37
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#### Output flange-to-output shaft nut\*

Step 1	125
Step 2	Fully loosen nut
Step 3	89

#### Transmission crossmember-to-body bolts

M8 bolts	15
M10 bolts	31

#### Transmission mount-to-transmission nuts

M8 nuts	15
M10 nuts	31

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