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shows you how

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

## 16 Crankshaft pilot bearing - replacement

1 On manual transmission models, a ball bearing assembly is fitted to the end of the crankshaft to support the end of the transmission input shaft (see illustration) .

### 16.1 Crankshaft pilot bearing (arrow)



2 To replace the bearing, proceed as follows.

3 Remove the clutch (see [Chapter 6](#) ).

4 Using a slide hammer fitted with a suitable adapter, remove the bearing from the end of the crankshaft.

5 Thoroughly clean the bearing housing in the end of the crankshaft.

6 Tap the new bearing into position, up to the stop, using a tube or socket on the bearing outer race.

7 Install the clutch (see [Chapter 6](#) ).

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