

**Haynes**
shows you how

BMW 3-Series 320i & 320xi (12-14), 325i, 325xi, 330i & 330xi (06) & 328i & 328xi (07-14) Haynes Online Manual

13 Oil seals - replacement

1 To replace the crankshaft front oil seal, remove the crankshaft vibration damper (see [Section 5](#)). To replace the crankshaft rear oil seal, remove the flywheel/driveplate (see [Section 14](#)), then remove the crankshaft position sensor (CKP) and magnet wheel (see [Chapter 6](#)).

Note:

While the flywheel is off, this is a good time to check the clutch on manual transmission vehicles (see [Chapter 8](#)).

2 Carefully pry the oil seal from the cylinder block using a flat-bladed screwdriver or similar tool. Take great care not to damage the sealing face of the crankshaft or cylinder block. Another option is to drill two small holes opposite each other in the hard outer face of the seal, insert two self-tapping screws, and use a pair of pliers to pull the seal out.

3 Thoroughly clean the sealing surfaces of the crankshaft and cylinder block, then apply a light coating of clean engine oil to the sealing surface of the crankshaft.

4 Using a seal driver, a suitable socket or piece of pipe of the appropriate diameter, drive the oil seal into place as squarely as possible until its outer edge is flush.

5 Install the crankshaft vibration damper (see [Section 5](#)) or flywheel/driveplate (see [Section 14](#)) and crankshaft position sensor (see [Chapter 6](#)).

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