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

15 Flywheel/driveplate - removal and installation

Removal

Note:

New flywheel/driveplate securing bolts will be required on installation, and thread-locking compound may be required.

1 Remove the manual transmission (see [Chapter 7A](#)), or the automatic transmission (see [Chapter 7B](#)), as applicable.

2 On models with a manual transmission, remove the clutch (see [Chapter 6](#)).

3 In order to unscrew the securing bolts, the flywheel/driveplate must be locked in position. This can be done by bolting a toothed tool (engage the tooth with the starter ring gear) to the cylinder block using one of the engine-to-transmission bolts (see illustration) .

15.3 Toothed tool used to lock flywheel in position when unscrewing flywheel bolts



4 Progressively unscrew the securing bolts, then withdraw the flywheel/driveplate from the crankshaft (see illustration) . Note that the flywheel/driveplate locates on dowels. **Warning:** *Take care as the flywheel/driveplate is heavy!*

15.4 Withdrawing the flywheel from the crankshaft



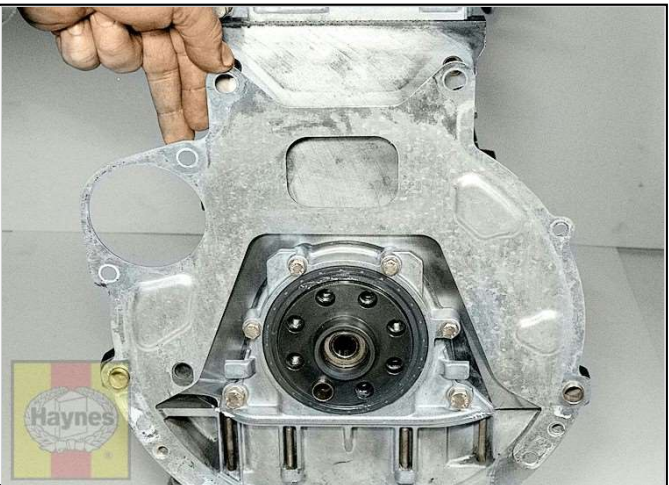
- 5 Recover the engine/transmission intermediate plate, noting its orientation.

Installation

- 6 Install the engine/transmission intermediate plate, ensuring that it is correctly located on the dowel(s) (see illustration) .

15.6 Ensure that the engine/transmission intermediate plate is correctly located

All dimensions in mm



- 7 Install the flywheel/driveplate to the end of the crankshaft, ensuring that the locating dowel engages.

- 8 Examine the threads of the new securing bolts. If the threads are not already coated with thread-locking compound, then apply suitable thread-locking compound to them, then install the bolts (see illustration) .

15.8 Fitting a flywheel bolt



9 Tighten the bolts progressively in a diagonal sequence to the specified torque. Counterhold the flywheel/driveplate by reversing the tool used during removal.

10 Where applicable, install the clutch (see [Chapter 6](#)).

11 Install the manual transmission or the automatic transmission, as applicable, (see Chapter [7A](#) or [7B](#) respectively).

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