

| Tightening torques                  |                          | Nm       |
|-------------------------------------|--------------------------|----------|
| Fastening screws for end cover      |                          | 9        |
| Necked-down bolts for driven plates | Initial torque           | 30-40 Nm |
|                                     | Angle of rotation torque | 90-100°  |

## Special tool

Installation tool for installing end cover with pressed-in radial sealing ring



117 589 00 43 00

## Note

The end cover closes the main oil gallery, so that special care must be used during installation. Ensure that the sealing surfaces of the end cover and the crankcase are without score marks.

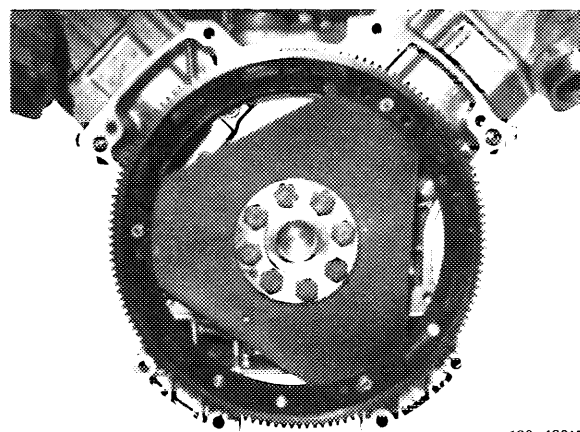
The threaded holes in the crankshaft flange are throughholes. With bolts removed and the engine inclined, engine oil will run out.

## Removal

- 1 Remove transmission (27-600).

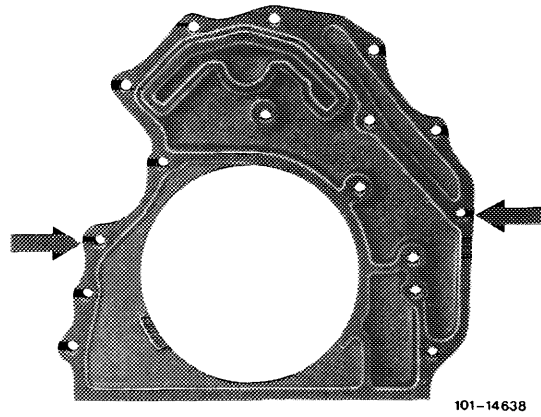
**Note:** With the exception of engine 117.960 with automatic transmission 722.006, the ring gear remains on the engine when removing the transmission.

- 2 Remove driven plates (03-410).



3 Remove end cover.

A threaded hole M 8 is provided on each side to facilitate removal of a tightly seated end cover (arrows).



### Installation

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4 Carefully clean sealing surface on crankcase and end cover.

5 Uniformly coat the end cover sealing surface with sealing compound. It must be observed that no sealing compound enters the oil circuit.

6 Fill radial sealing ring space between dust and sealing lips with long-life grease.

7 Slide end cover with radial sealing ring over the attached installation tool for radial sealing ring and bolt on.

**Caution!**

Observe different bolt lengths.