

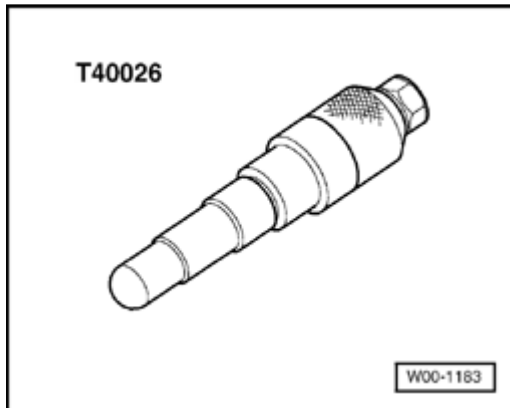
Audi > C5 > 1998-2005

Engine Mechanical

13 - Sealing flange and flywheel/drive plate, removing and installing

Flywheel or drive plate, removing and installing

Special tools, testers and auxiliary items required



◆ locking pin T40026

Dual-mass flywheel or flywheel for automatic transmission 01J

Removing

◆ Transmission removed

CAUTION!

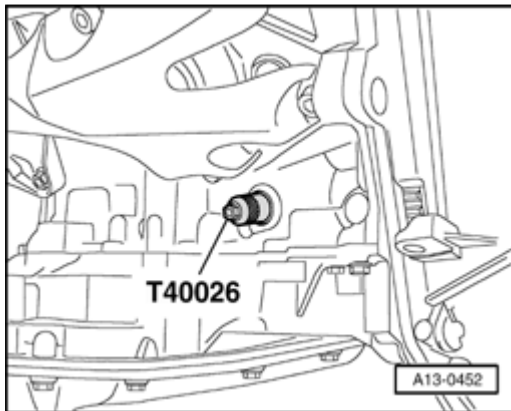
Turning of the engine must only occur in direction of engine rotation (clockwise) at the crankshaft.

– Turn crankshaft via center bolt of toothed belt gear in direction of engine rotation to TDC Cyl. 3 marking.

♦ Notch - 1 - is opposite marking - 2 -

- If installed, disconnect electrical harness connector at after-run coolant pump.

- Unscrew sealing plug of TDC mark at cylinder block.



- Thread locking pin T40026 into hole of removed sealing plug and tighten.

Note:

♦ *To do so, turn crankshaft back and forth slightly.*

- Remove clutch pressure plate. ⇒ Manual Transmission - Repair Group 30

- Remove damper unit ⇒ [Damper unit, removing and installing](#) .

- Mark flywheel to engine.

- Unbolt flywheel.

Installing

Installation is reverse of removal, noting the following:

Note:

♦ *Needle bearing is located in the flywheel and must be driven in when flywheel is replaced*
⇒ [Dual-mass flywheel pilot needle bearing, removing and installing](#) .

- Replace bolts and tighten.

- Install clutch pressure plate. ⇒ Manual Transmission - Repair Group 30

- Install damper unit .

- Remove T10026 alignment bolt and thread sealing plug of TDC marking with new O-ring into cylinder block.

Tightening torques

* 90 ° corresponds to 1/4 rotation

* Replace bolts

* 180 ° correspond to 1/2 rotation

Drive plate for automatic transmission 01V

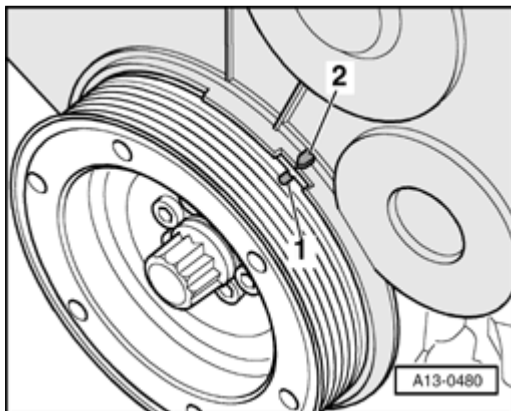
Removing

* Transmission removed

CAUTION!

Turning of the engine must only occur in direction of engine rotation (clockwise) at the crankshaft.

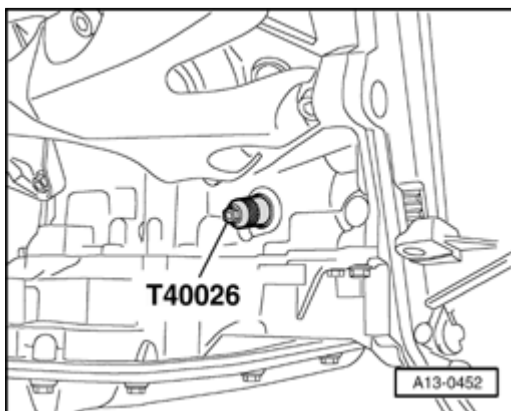
- Turn crankshaft via central bolt of toothed belt gear in direction of engine rotation to TDC Cyl. 3 marking.



* Notch - 1 - is opposite marking - 2 -

- If installed, disconnect electrical harness connector at after-run coolant pump.

- Unscrew sealing plug of TDC mark at cylinder block.



- Thread locking pin T40026 into the hole of the removed sealing plug and tighten.

Note:

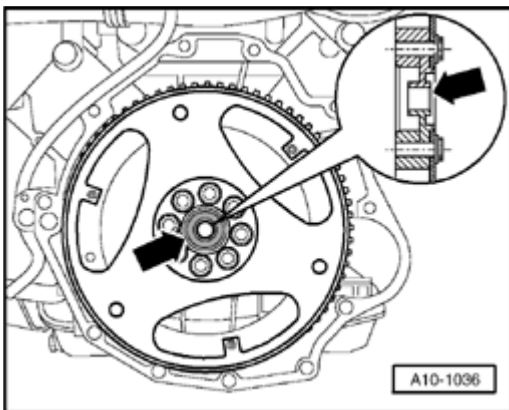
* Slightly turn crankshaft back and forth to do so.

- Mark drive plate to engine.

- Remove drive plate.

Installing

Installation is reverse of removal, noting the following:



The drive plate is bolted to the crankshaft with a centering bushing (arrow).

- Replace bolts and tighten.

- Remove T10026 alignment bolt and thread sealing plug of TDC marking with new O-ring into cylinder block.

Tightening torques

Component		Nm
Drive plate to crankshaft		
Bolt length	22.5 mm	60 + 90 ° * See note * See note
Bolt length	35.0 mm	60 + 180 ° * See note * See note
Sealing plug in cylinder block		25

* 90 ° corresponds to 1/4 turn

* Replace bolts

* 180 ° corresponds to 1/2 turn