

Technical data

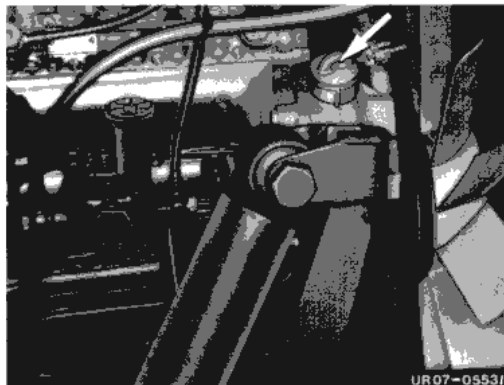
Engine Type	Model	Version/Engine	Engine output kW (HP) at 1/min		Start of delivery ° before TDC
364 A	364.955	4-cylinder turbocharged	77 (105)	2400	8
	.956		79 (107)	2600	
364 LA	.982	4-cylinder turbocharged with charge air cooling	99 (135)	2400	11
	.983		102 (139)	2600	
	.985		102 (139)	2600	
	.999		102 (139)	2600	
366	356.914	6-cylinder naturally aspirated	75 (102)	2400	12
366 A	356.954	6-cylinder turbocharged	92 (125)	2400	8
	.955		100 (136)	2400	
	.956		114 (155)	2400	
366 LA	356.980	6-cylinder turbocharged with charge air cooling	177 (240)	2600	11
	.997		157 (214)	2600	
	.998		132 (180)	2600	

Expendable materials

Cons. No.	Designation	Part Number
2	Sealing compound: Curil K 2	001 989 17 20

Tightening torques

Designation		Thread	Nm
Drive gear at injection pump	– Type „A“	M 14	80
	– Type „MW“	M 18	105
Pressure line to injection pump	– Type „A“	M 12	25
	– Type „MW“	M 14	25

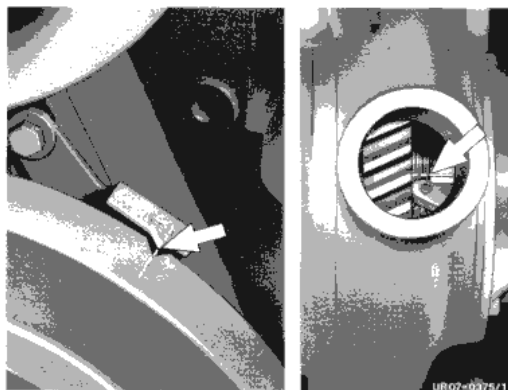
Removal01/1367 **1** Tilt cab.07/0003 **2** Release and remove taper plug in timing gear case.

UR07-055311

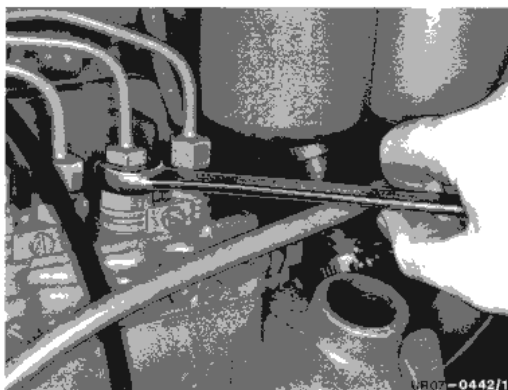
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- 07/004 **3** Move No. 1 cylinder piston to start of delivery in compression stroke.

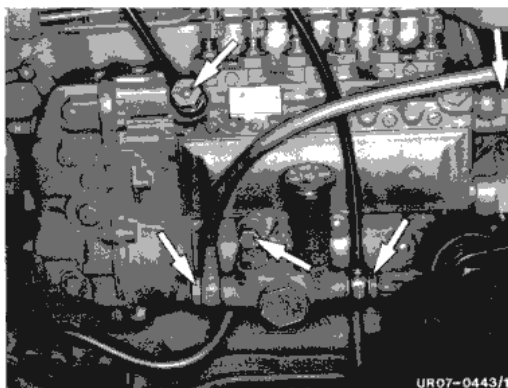
07H073 **Note:** The arrow in the timing case must point to the marking on the drive gear of the injection pump and the **SD** marking on the timing pointer must point to the **SD** marking on the vibration damper. The double pointer with **TDC** identification is omitted.



- 07/005 **4** Detach injection line union nut from injection pump.

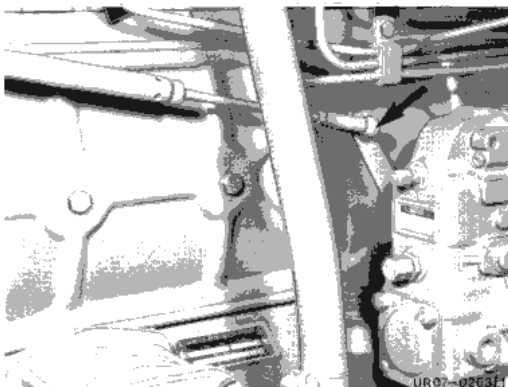


- 07/006 **5** Detach oil supply line and fuel lines at injection pump.



- 07/007 **6** Release and detach actuating linkage.

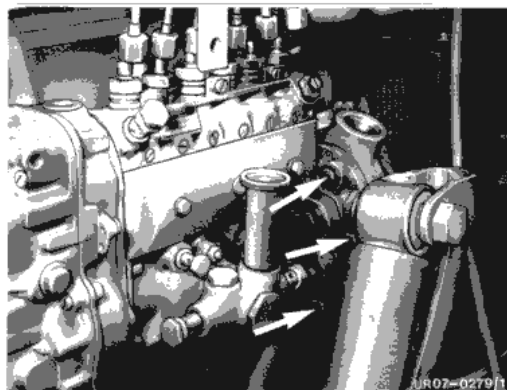
07H112 **Note:** In vehicles with cut-out cylinder, detach pneumatic line.



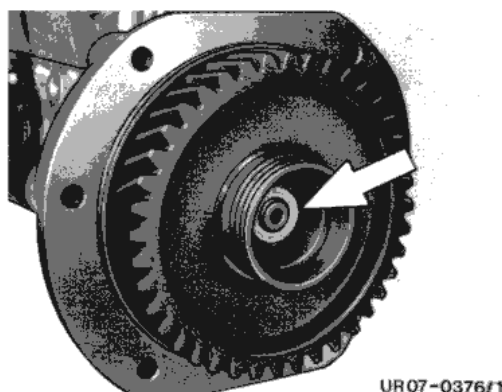
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- 07/009 **7** Unscrew and remove injection pump at timing gear case.

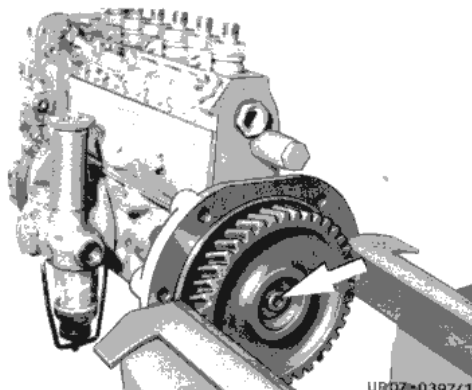


- 07/010 **8** Unscrew fastening nut from drive gear.
- 07/011 **9** Draw drive gear off injection pump camshaft.
- 07/012 **10** Detach bracket from injection pump.
- 01/025 **11** Clean all parts, check, exchange as required.



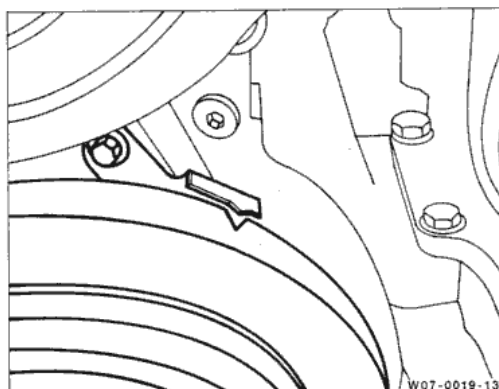
X2 Installation

- 07/014 **1** Slip rubber seal onto new injection pump, fit bracket and insert fastening bolts, tightening slightly.
- 07/721 **2** Slide drive gear onto the injection pump camshaft and with naturally aspirated engines with injection pump type A tighten to 80 Nm or with turbocharged engines with injection pump type "MW" tighten to 105 Nm.
- 07/78 **Note:** When installing a new injection pump, use the drive gear of the removed injection pump.

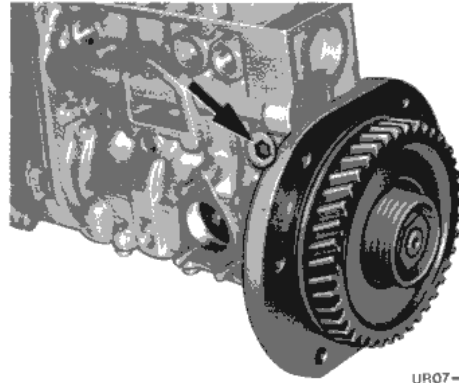


- 07/016 **3** Remove cylinder head cover, see 01.2 – 3.1/1 (K 03) and check whether piston of 1st cylinder is on compression stroke at start of delivery.

- 07/006 **Note:** The valves of the opposite cylinder must be overlapping at this point and the start of delivery mark (FB) on the timing pointer must be aligned with the start of delivery mark (FB) on the vibration damper.



- 07/722 4 Detach screw plug on injection pump and check whether cylinder no. 1 of the injection pump is on **SD**. If necessary turn drive gear.



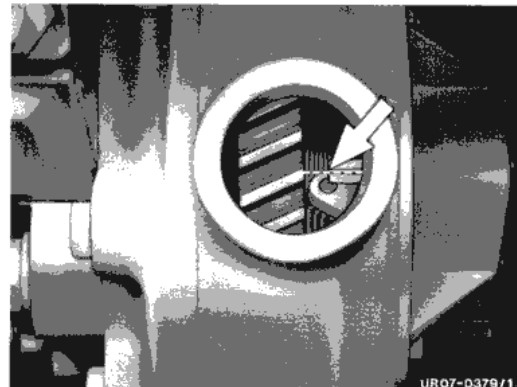
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- 07/018 5 Introduce injection pump with bracket and new gasket into timing gear case, inserting bolts with sealant no. 2.

07H7 **Note:** The tooth market on the drive gear must agree with the arrow in the timing gear case.

- 01/616 6 The installation takes place in the same manner in reverse order. At the same time the following must be observed:

01/1383 – Observe permissible tightening torques.



UR07-0379/1

- 07/022 7 Attach fuel lines to fuel feed pump and injection pump.

- 07/023 8 If necessary fill injection pump through oil feed bore with approx. 0,45l motor oil and fit oil feed pipe.

07H058 **Note:** The oil pipe is fitted with a throttle screw at the oil filter.

- 07/024 9 Check and adjust start of delivery, see 3.1/1 (N 12).

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