Remove lower section of oil pan, 
refer to 11 13 020

**Version 1**

Raise clips (1) and remove cover for oil pump sprocket.

**Version 2**

Unclip and remove oil return line.

Unfasten nuts and remove cover for oil pump sprocket.
Unfasten nut and remove sprocket with chain.

Unfasten oil pump screws.

Remove oil pump.

(1) Remove upstream oil line (before filter) and
(2) Governing line (filtered oil) from engine block.
Installation:
Replace sealing ring and apply light coat of oil.

Caution!
Do not shear sealing ring on edge of housing.

Installation:
Install governing line (filtered oil) in engine block.
Replace sealing ring.

Note:
Preassemble sealing ring on governing line.

Installation:
Replace sealing ring in oil pump.
**Installation:**

Tighten cap screw firmly home in oil pump.

**Installation:**

Fit oil pump and tighten down using screws (1) and (2).

**Installation:**

Fit sprocket with chain and tighten nut.

Tightening torque,

refer to Technical Data 11 41 4AZ
Installation:

Adjust chain deflection \((A = 10 \pm 2 \text{ mm})\) by turning adjustment hex screw in the oil pump. Install screw and tighten down.

Note:

Use screwdriver insert (bit), Allen key (long version) or similar tools with long hex head. In the procedure illustrated in this diagram, the short leg of a standard Allen key is shortened to approx. 32 mm.

If necessary, remove oil pressure control piston.

Press sleeve downwards with suitable drift.

Caution!

High spring pressure.

Remove circlip.

Installation:

(1) Control piston
(2) Spring
(3) Sleeve
(4) Circlip