

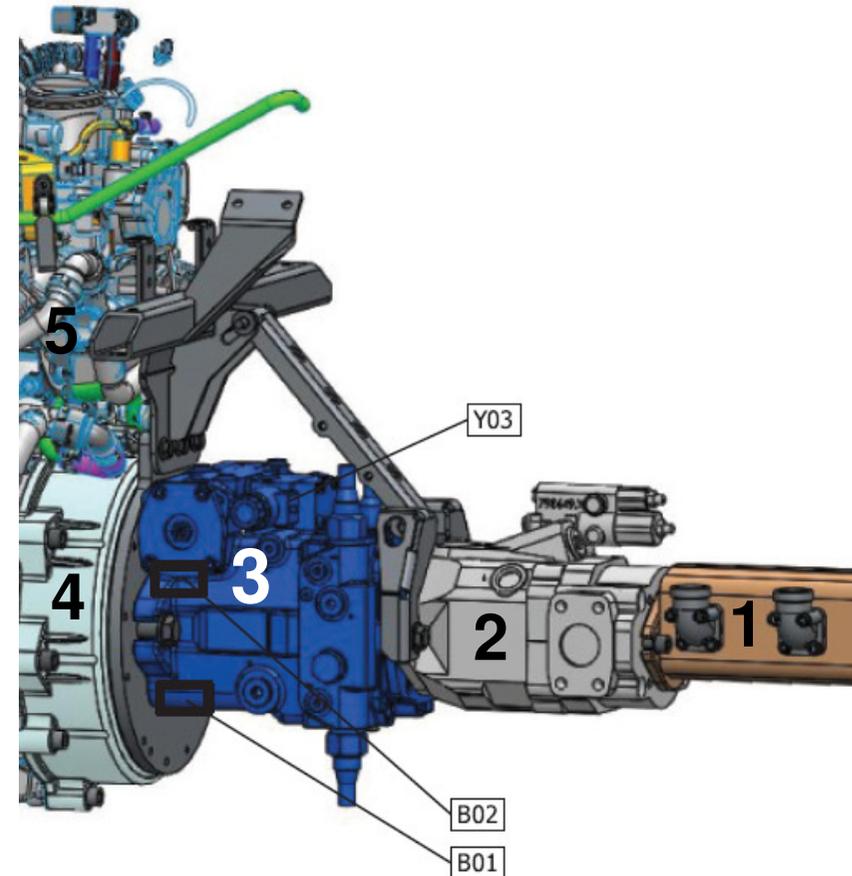
## 5.0.5 Travel Pump Installation



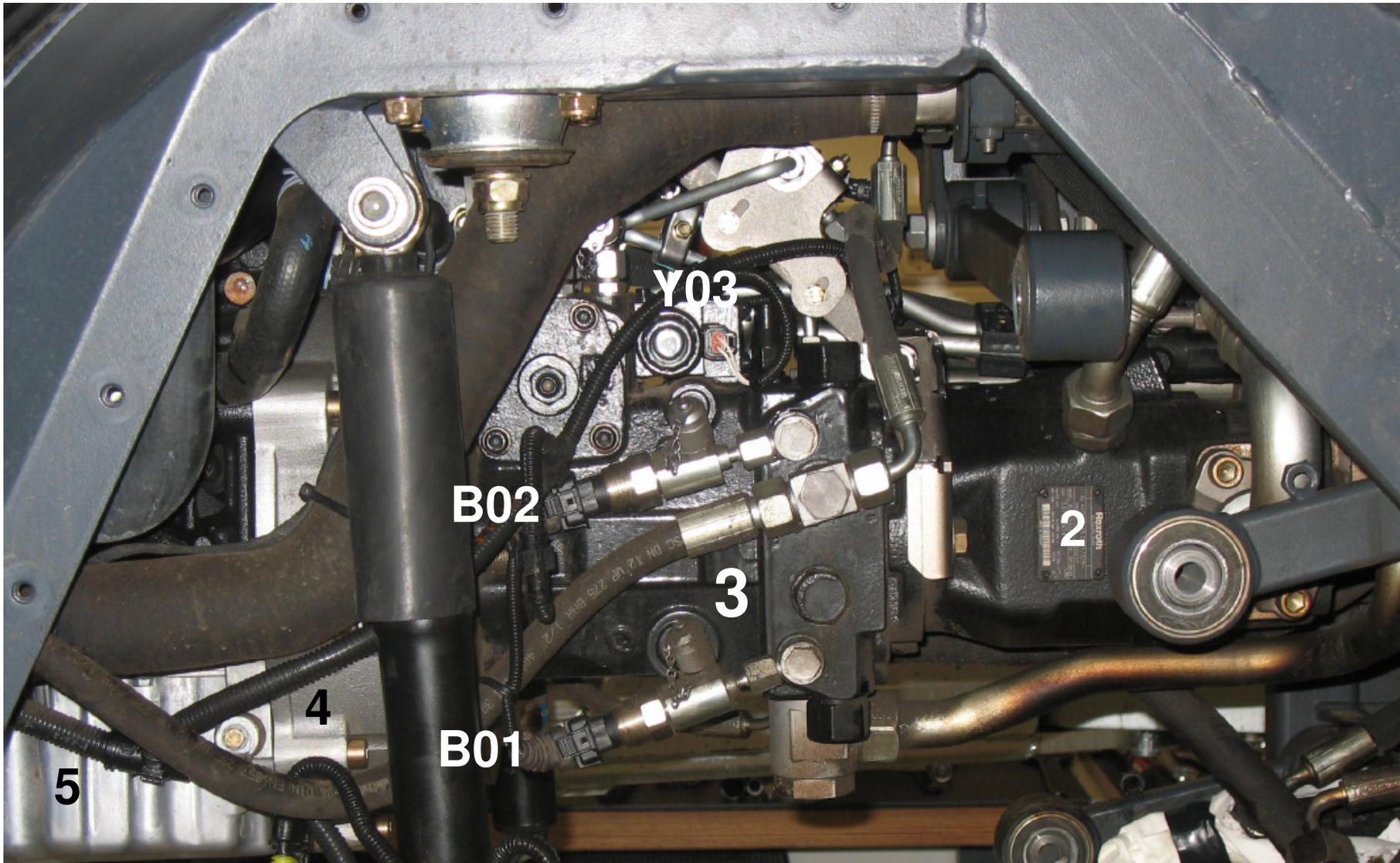
<b>Contents</b>	<b>Page</b>
<b>Overview / installation location of hydraulic pump</b>	<b>2 - 3</b>
<b>Travel pump (drive pump) removal (axial reciprocating pump with 2 flow directions)</b>	<b>4 - 7</b>
<b>Travel pump (drive pump) installation</b>	<b>8</b>
<b>Mobile filter unit (03502040) with replacement filter element (01081470)</b>	<b>9</b>

## 5.0.5 Travel Pump Installation

- 1. Working hydraulics gear pumps
- 2. Working hydraulics variable displacement pump
- 3. Travel pump
- 4. Coupling dome
- 5. VW engine 2.0 I, Common Rail, CJYA



### 5.0.5 Travel Pump Installation



## 5.0.5 Travel Pump Installation

### Travel pump (axial piston pump with 2 flow directions)

#### Removal:

The rear axle should be removed for removal and installation of the travel pump. Removing the rear axle considerably simplifies removal, lifting out and installation of the pump.

Removal of the rear axle see section 8.0.1.

Drain the hydraulic oil and collect it in a suitable clean vessel.

Dismantle the holder of the working hydraulics variable displacement pump.

Push the variable displacement pump and gear pumps back.

Loosen the working hydraulics variable displacement pump -2- on the flange of the travel pump.

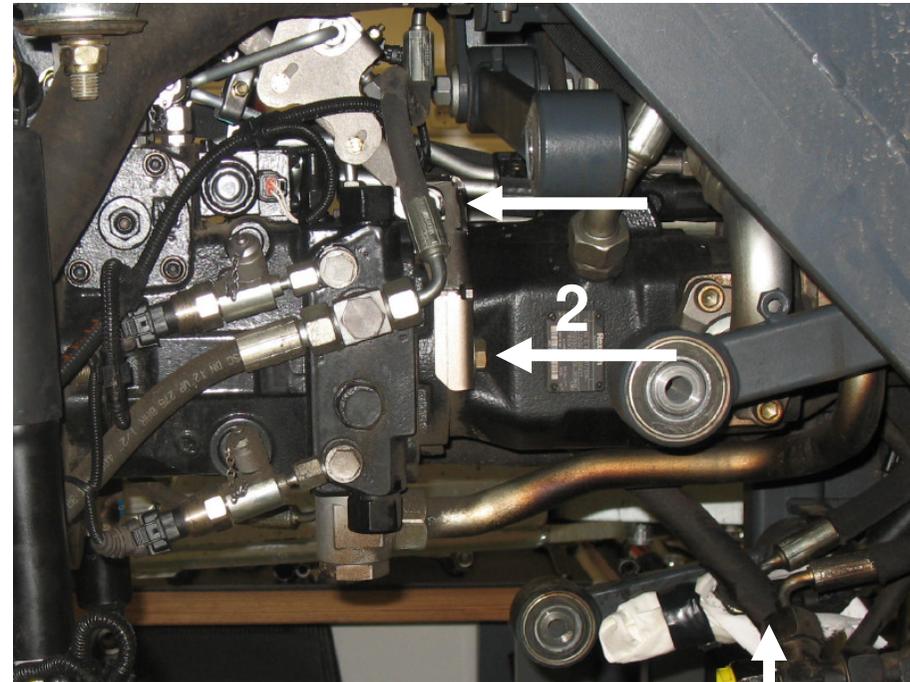
Push the variable displacement pump and gear pumps back.

Dismantle the hydraulic pipes on the travel pump.

Close the open hydraulic pipes with plugs.

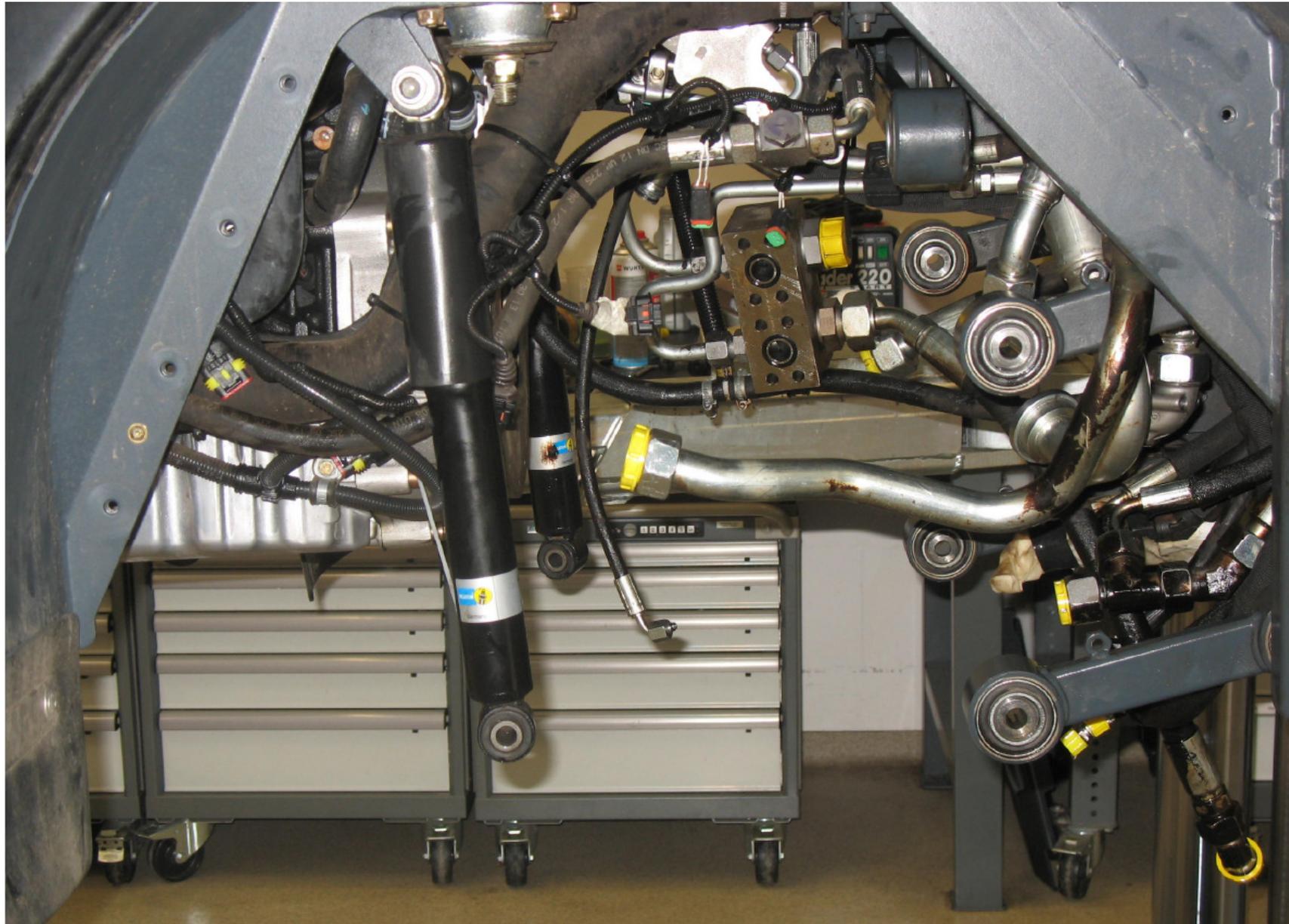
Loosen the travel pump on the flange of the coupling dome.

Support the variable displacement pump with a suitable tool (e.g. gear lift) and lower it down.



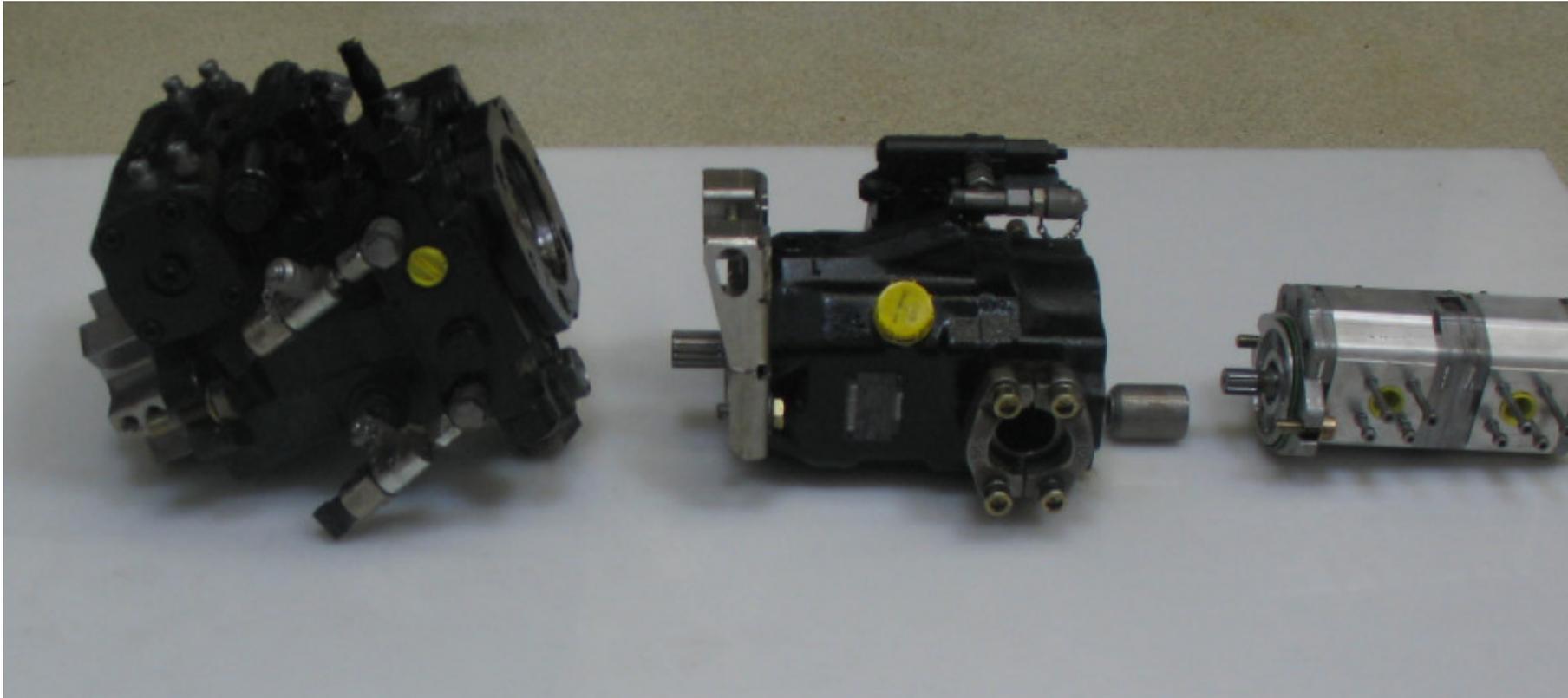
**Note:** Mark the plugs of the pressure sensors B01 and B02 before dismantling. The plugs must not be swapped by mistake.

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### Travel pump (axial piston pump)

#### Installation:

Secure the hexagonal head screws (M16 X 50, 8.8) -51- with Loctite 243 and tighten with 210 Nm.

Install the working hydraulics variable displacement pump on the travel pump.

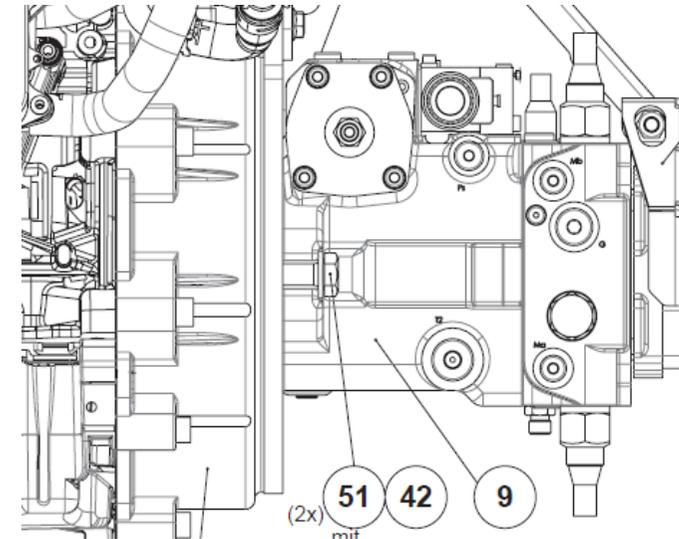
Secure the hexagonal head screws M12 X 35, 10.9 with Loctite 243 and tighten with 125 Nm.

Install the holder of the working hydraulics variable displacement pump.

Install the hydraulic hoses on the variable displacement pump.

Refill hydraulic oil with the mobile filter unit -1-

**(Hako spare part number 03502040).**



**Note: Only the original replacement filter element -2- (Hako spare part number 01081470) with the filter insert of 3/1000 mm may be used in the mobile filter unit for filling hydraulic systems.**

**Perform a trial run and check the hydraulic screw connections for tightness, tighten the connections if necessary.**



### 5.0.5 Travel Pump Installation

Mobile filter unit -1-,  
(Hako spare part number 03502040)

with

replacement filter element -2-, 3/1000 mm  
(Hako spare part number 01081470)

