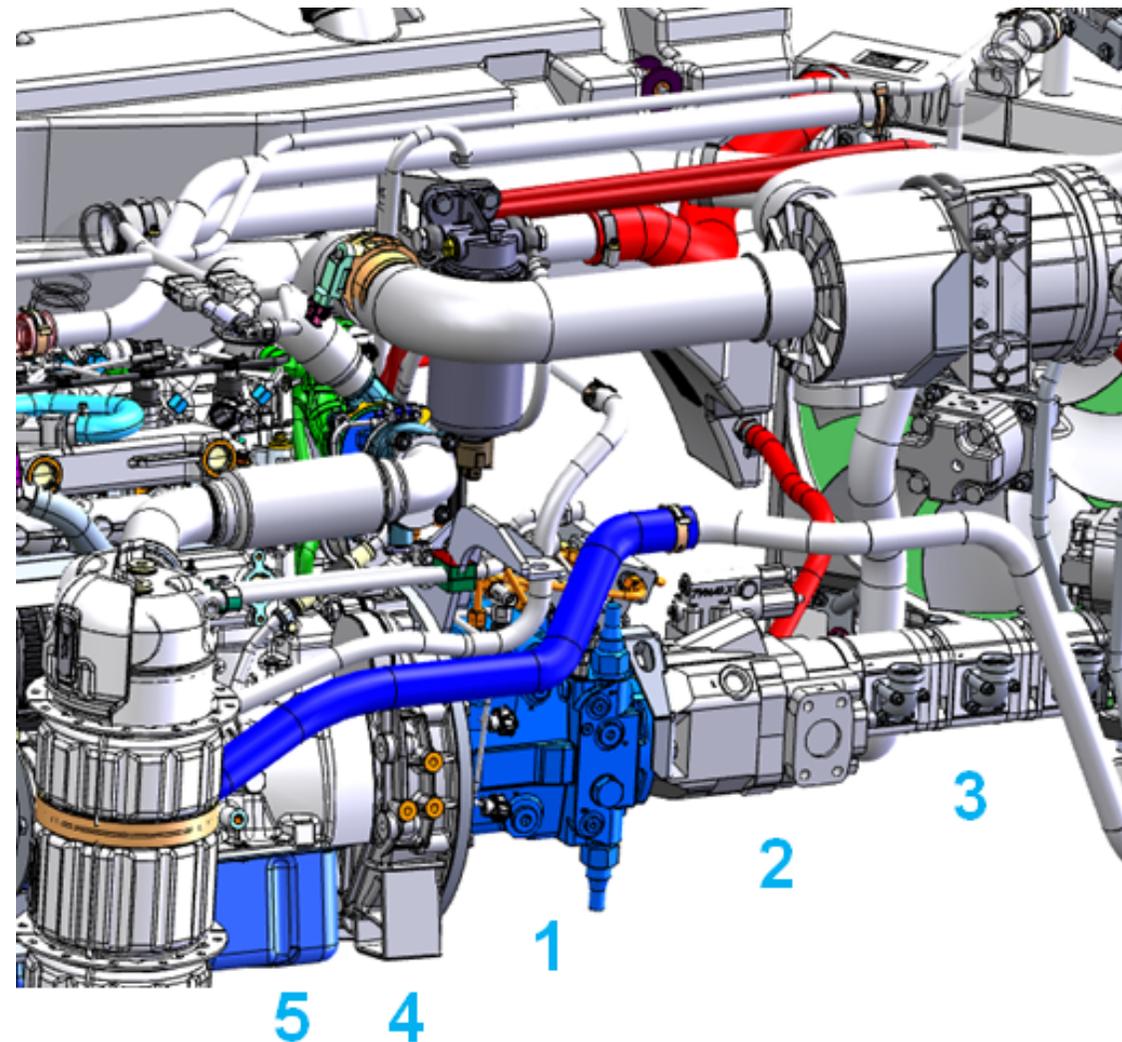


## 6.0.8 Working hydraulics displacement pump

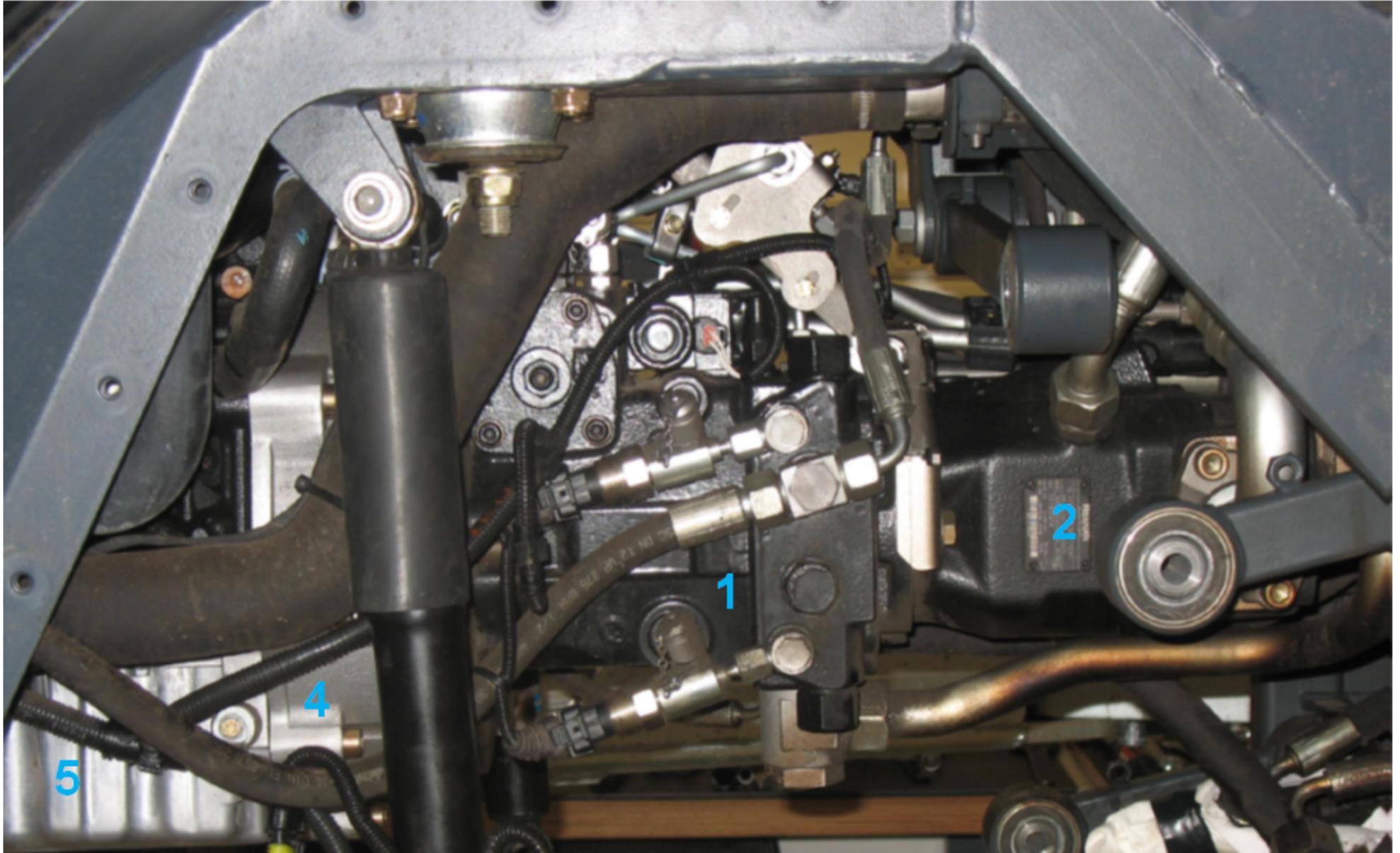
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<b>Mobile filter unit (03502040) with replacement filter element (01081470)</b>	<b>7</b>

## 6.0.8 Working hydraulics variable displacement pump

1. Travel pump
2. Working hydraulics variable displacement pump
3. Working hydraulics gear pumps
4. Coupling dome
5. Hatz engine 4H50 TCID



### 6.0.8 Working hydraulics variable displacement pump



## 6.0.8 Working hydraulics variable displacement pump

### **Working hydraulics variable displacement pump (axial reciprocating pump)**

#### **Removal:**

**The rear axle should be removed for removal and installation of the variable displacement 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.**

**Loosen the gear pumps at the flange of the variable displacement pump, and pull to rear.**

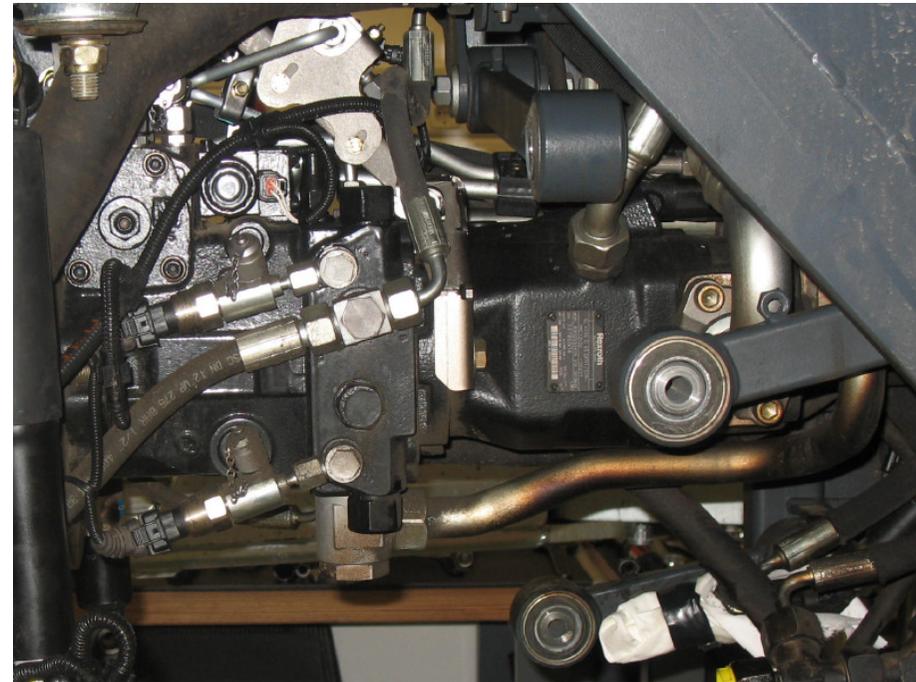
**Disassemble the hydraulic pipes at the variable displacement pump.**

**Close all open hydraulic pipes with plugs.**

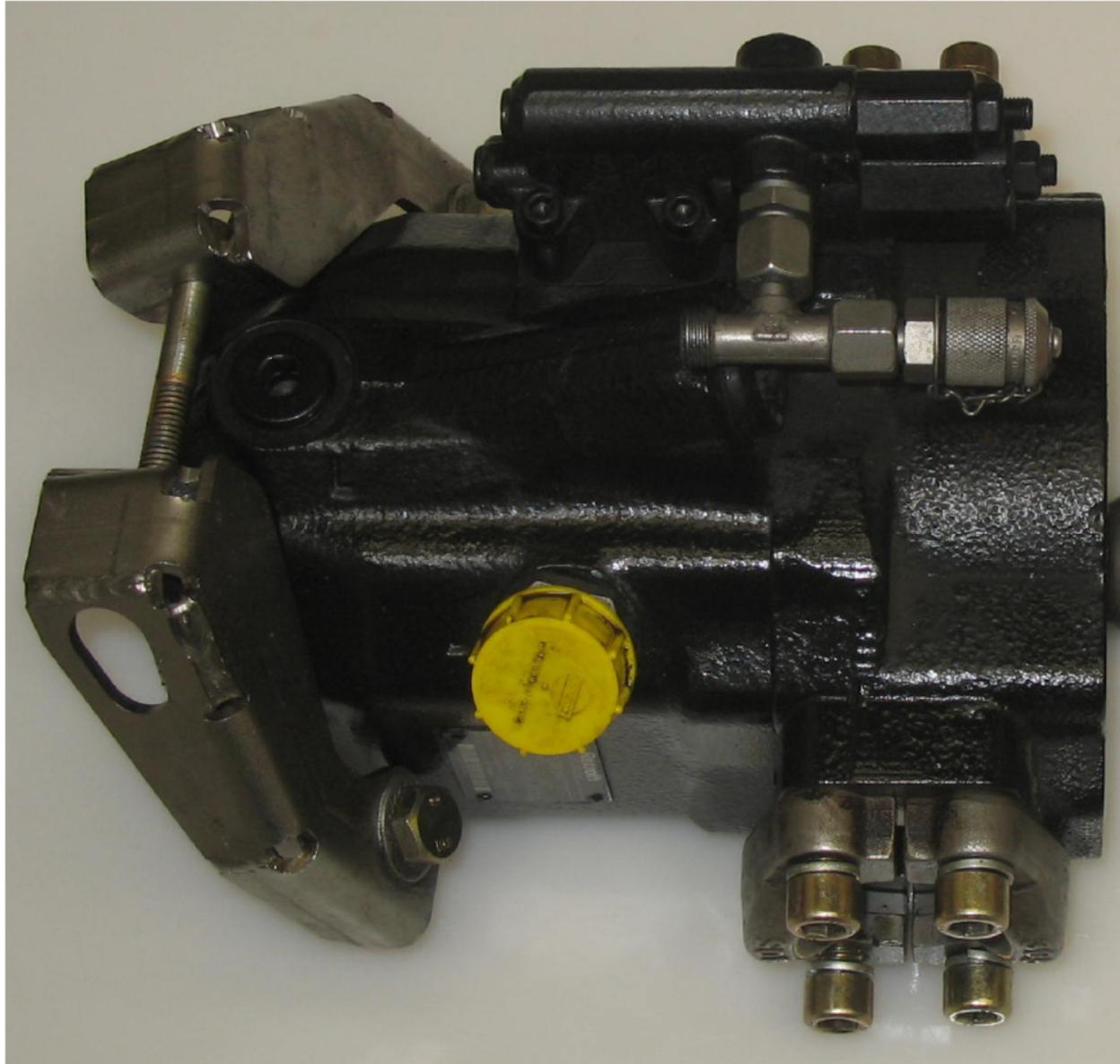
**Disassemble the pump holder.**

**Loosen the variable displacement pump at the flange of the travel pump.**

**Disassemble the variable displacement pump.**



## 6.0.8 Working hydraulics variable displacement pump



## 6.0.8 Working hydraulics variable displacement pump

### Variable displacement pump

#### Working hydraulics

##### Installation:

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

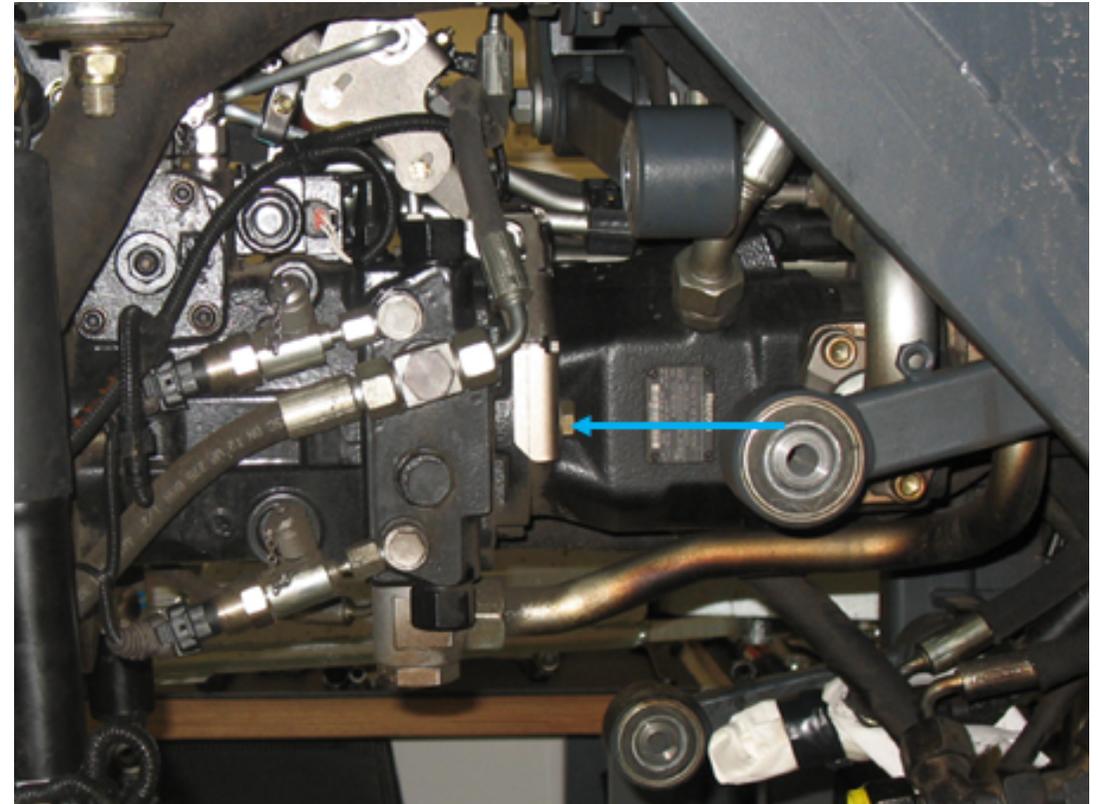
Install the gear pump at the variable displacement pump. Use Loctite 243 to secure the cylinder-head bolts M10X 30, 8.8 and tighten to 50 Nm.

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 3/1000 mm filter insert 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.



## 6.0.8 Working hydraulics variable displacement pump

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

**with**

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

