

Hose rupture valve on dipper cylinder

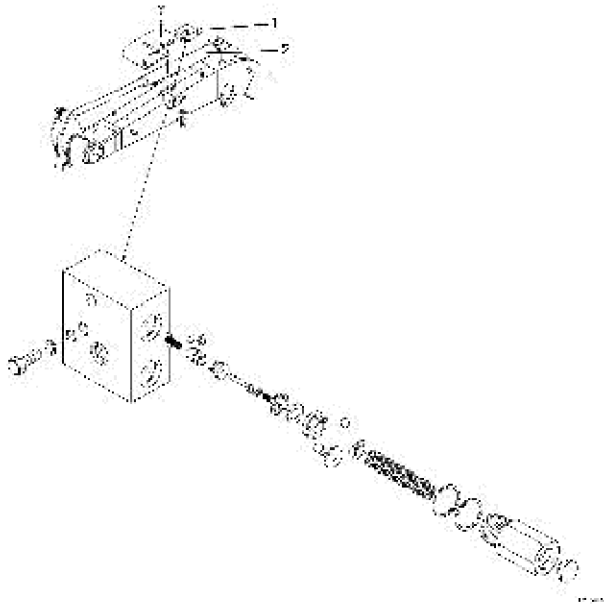
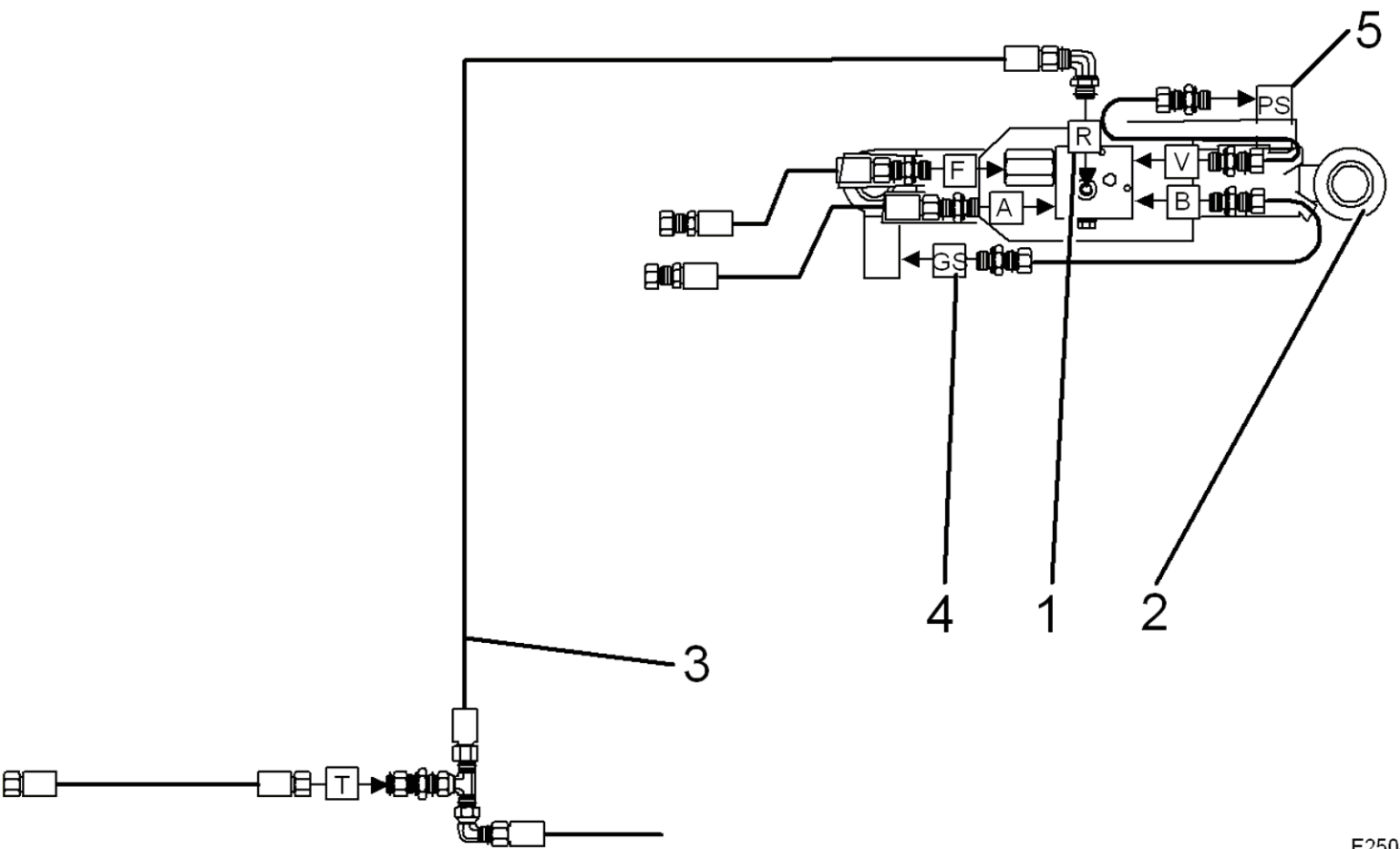
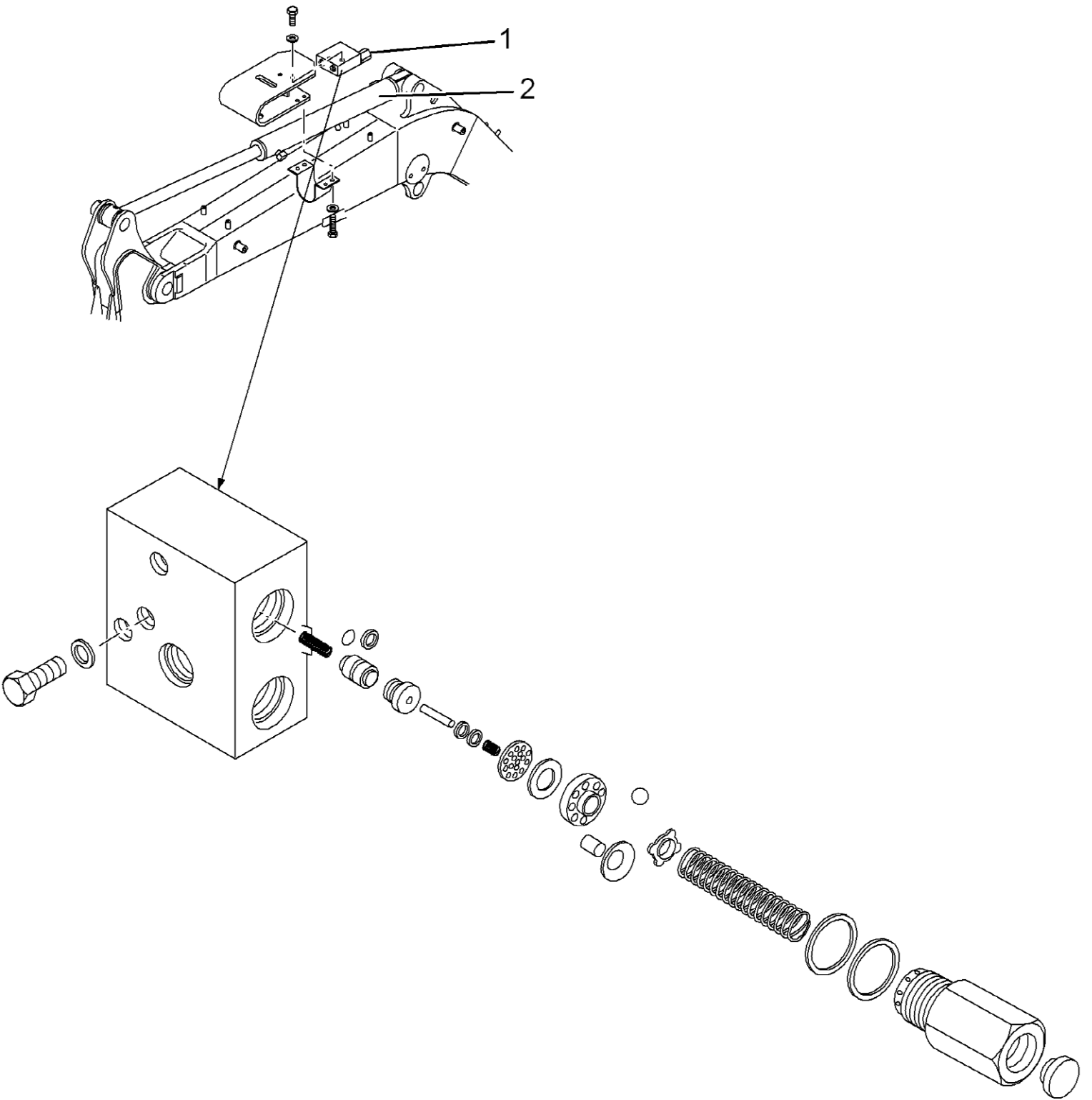


Figure 2

1. Hose rupture valve
2. Swing arm cylinder







Construction Equipment

PROSIS Service Information

Document Title : Hose rupture valve on dipper arm cylinder, leakage test	Function Group : 9123	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hose rupture valve on dipper arm cylinder, leakage test

Preparation

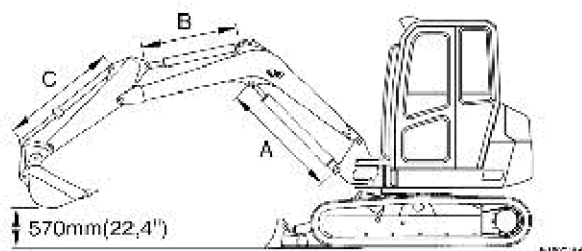


Figure 1
Measuring conditions, creeping

- With the bucket fully loaded adjust the front digger as shown below.

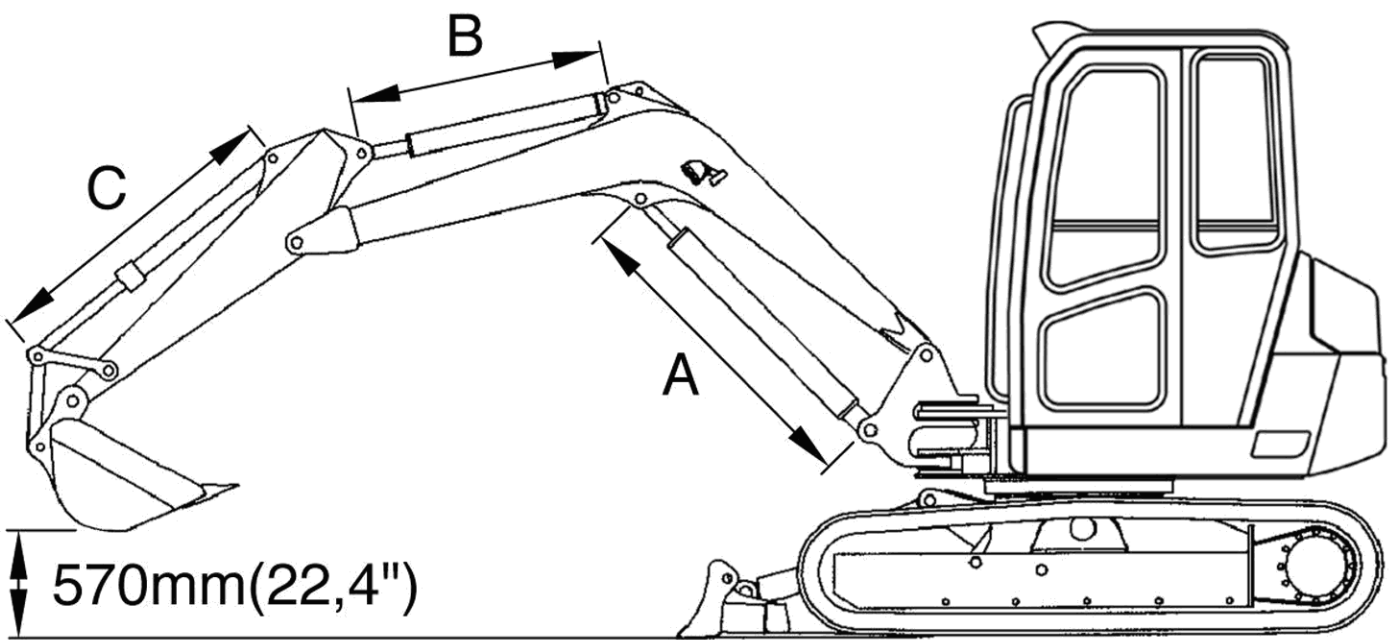
Measurement

- Shut the engine down.
- Measure the distance of the cylinder fastening bolts.
- **Dipper cylinder:**
Repeat the measurement after 5 minutes and check how far the cylinder has extended.

Permissible values, see [See table](#).

Creeping value, unit: mm/5 min.

	Standard	Permissible value	Limit
Dipper cylinder	Less than 15.0	20.0	30.0



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VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Removing the valve block	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Removing the valve block

Op nbr

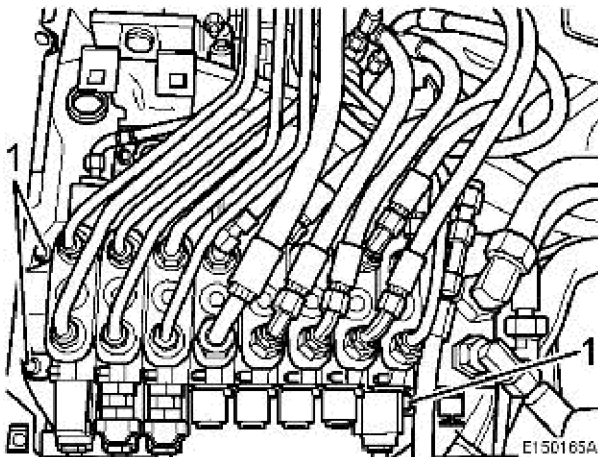


Figure 1

- Lower the working attachment to the ground.
- Shut down the engine and move the control levers for boom, arm, dipper, bucket and accessories to all directions and relieve remaining pressure.
- Mark and disconnect all pipes and hoses.

NOTE **Close all lines and openings withz clean caps and plugs.**

- Mark and disconnect the control linkage from the valve block.
- Loosen and remove the 4 screws (1) holding the block on the plate.
- Remove the valve block and lay it on a table.

VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Installing the valve block	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Installing the valve block

Op nbr

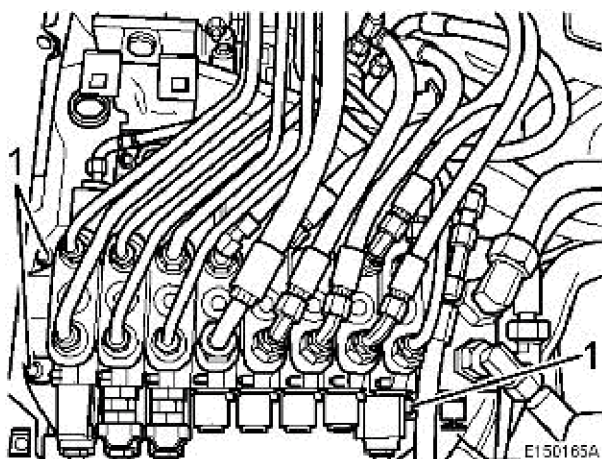
[⇒](#)

Figure 1

- Fasten the valve block with the 4 screws ([See figure/1](#)) to the plate and tighten with 51...61 Nm.
- Tighten all fittings and lines with the tightening torques specified in the technical data under [See further](#).
- Connect the control linkage.
- Check hydraulic oil level ([See figure](#)), top up if necessary

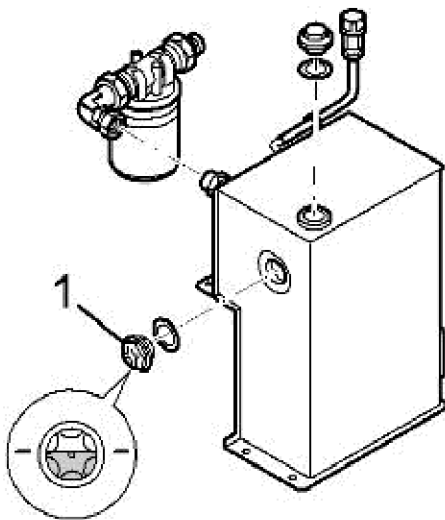


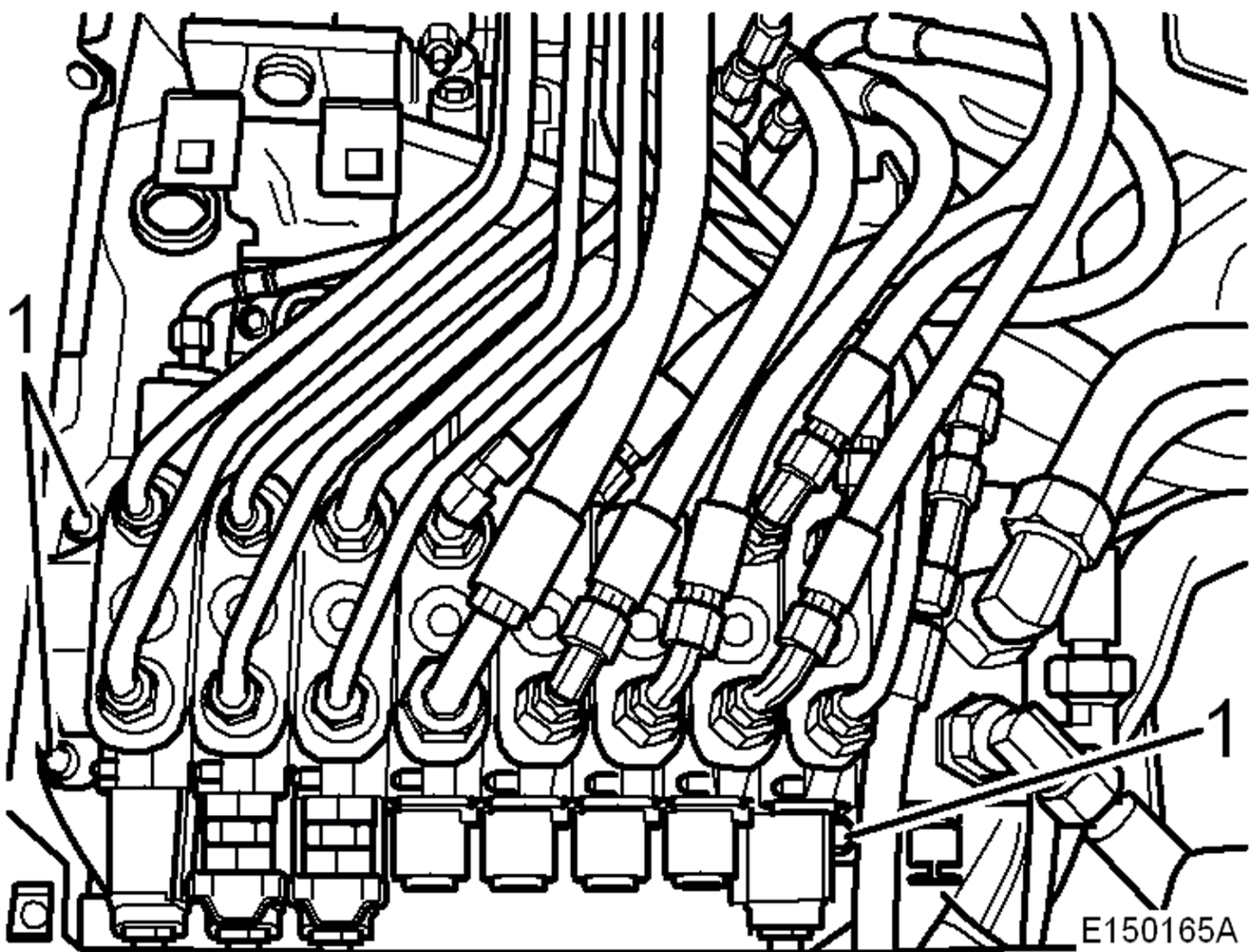
Figure 2

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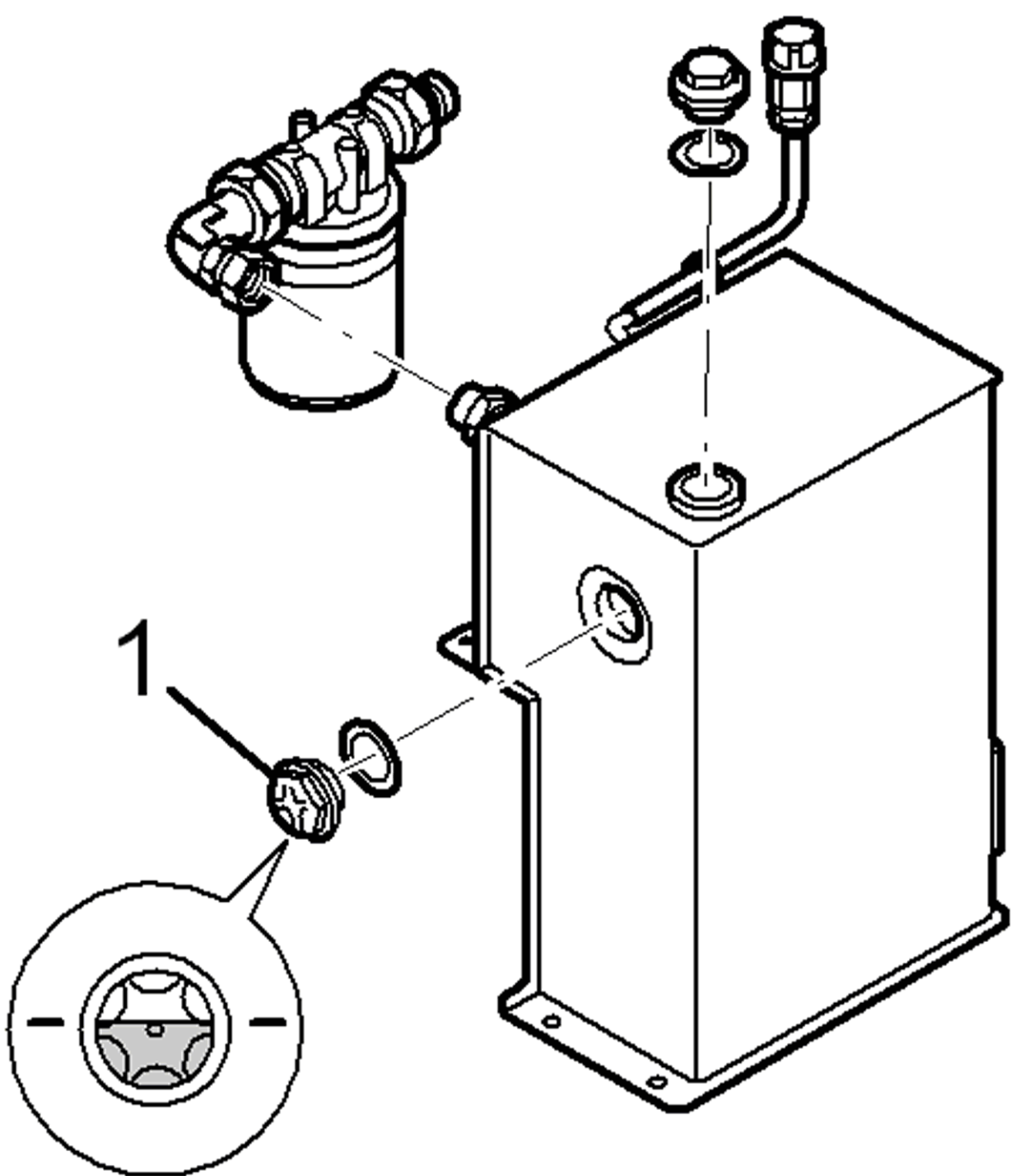
Move the attachment control levers slowly to both directions to perform all working movements, check for leaks.

Check the hydraulic oil level in the inspection glass (1), it must reach the level shown in the illustration.

Top up oil if necessary.



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VOLVO

Construction Equipment

PROSIS Service Information

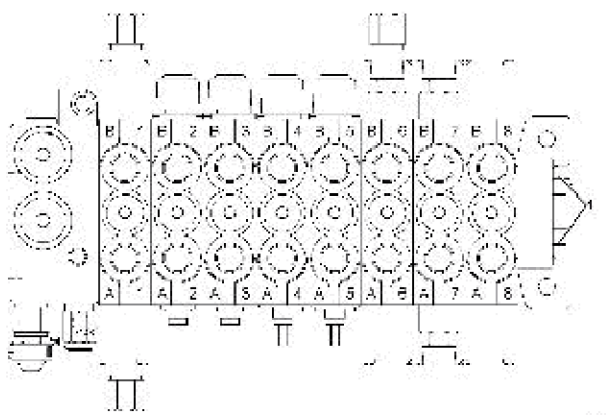
Document Title : Dismantling the valve block	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

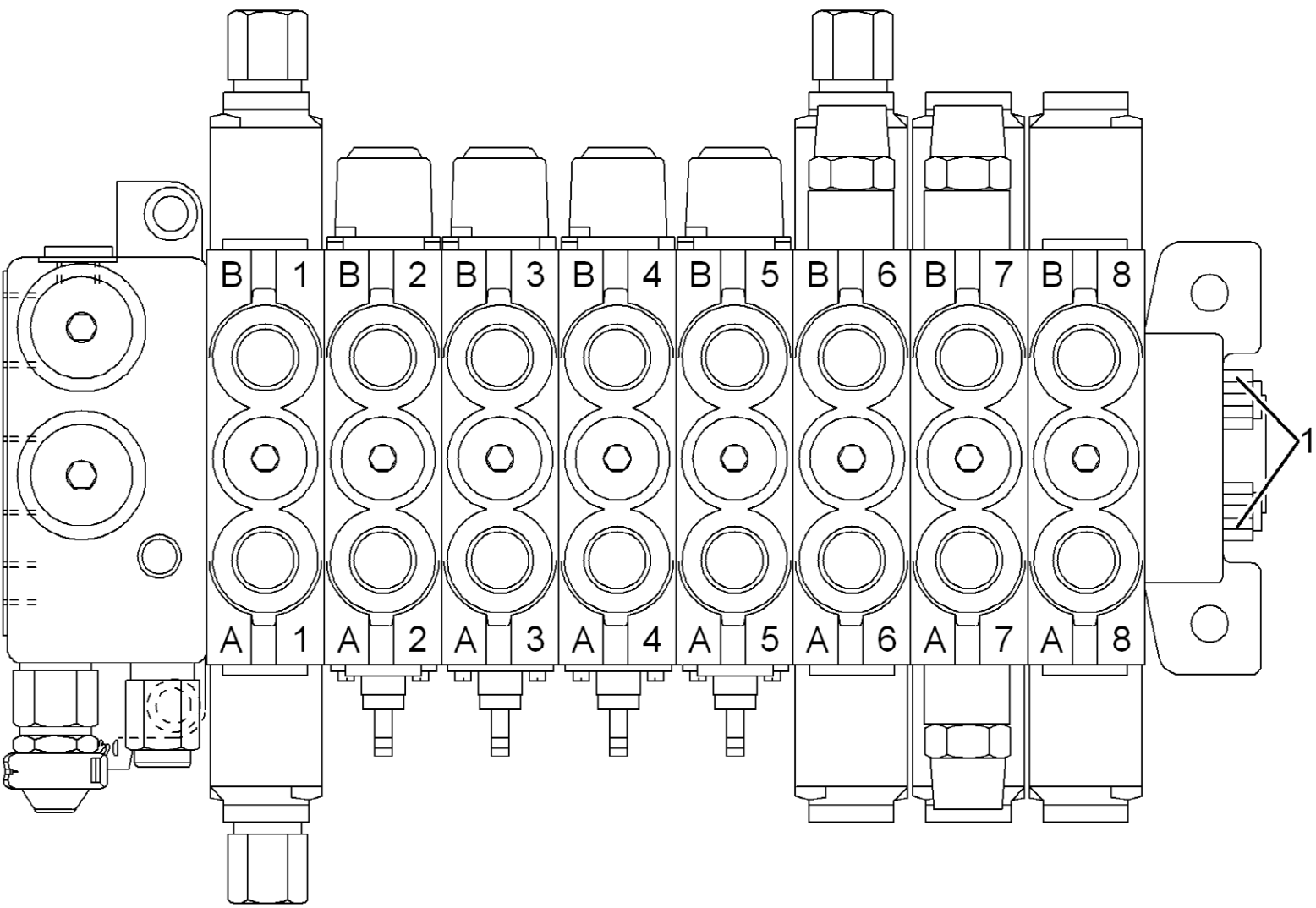
Dismantling the valve block

Op nbr



- Lay the valve block on a levelling table.
- Unscrew nuts (1).
- Mark and remove all elements.
- Check all elements, replace if necessary.

**Figure 1**



VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Assembling the valve block	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Assembling the valve block

Op nbr

**Caution!**

No sealing compound or grease must be used between the elements. The sealing faces must be free of oil.

- Replace all O-rings.
- Slide all elements over the four connecting rods and observe the correct sequence of the elements.

NOTE The individual elements should be assembled on a levelling table.

- Assemble the nuts ([See figure/1](#)) and tighten crosswise with 25 Nm.

The disassembly and assembly methods for a control valve and the tightening torques are the same for all elements. For tightening torques refer to the following illustration.

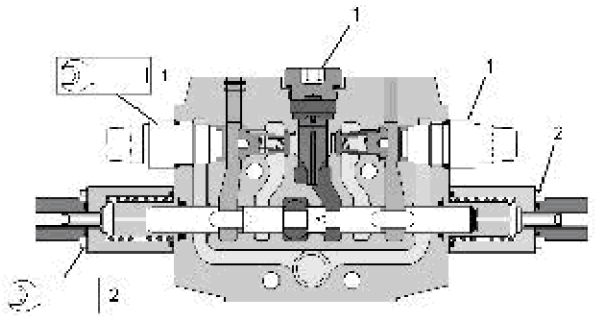
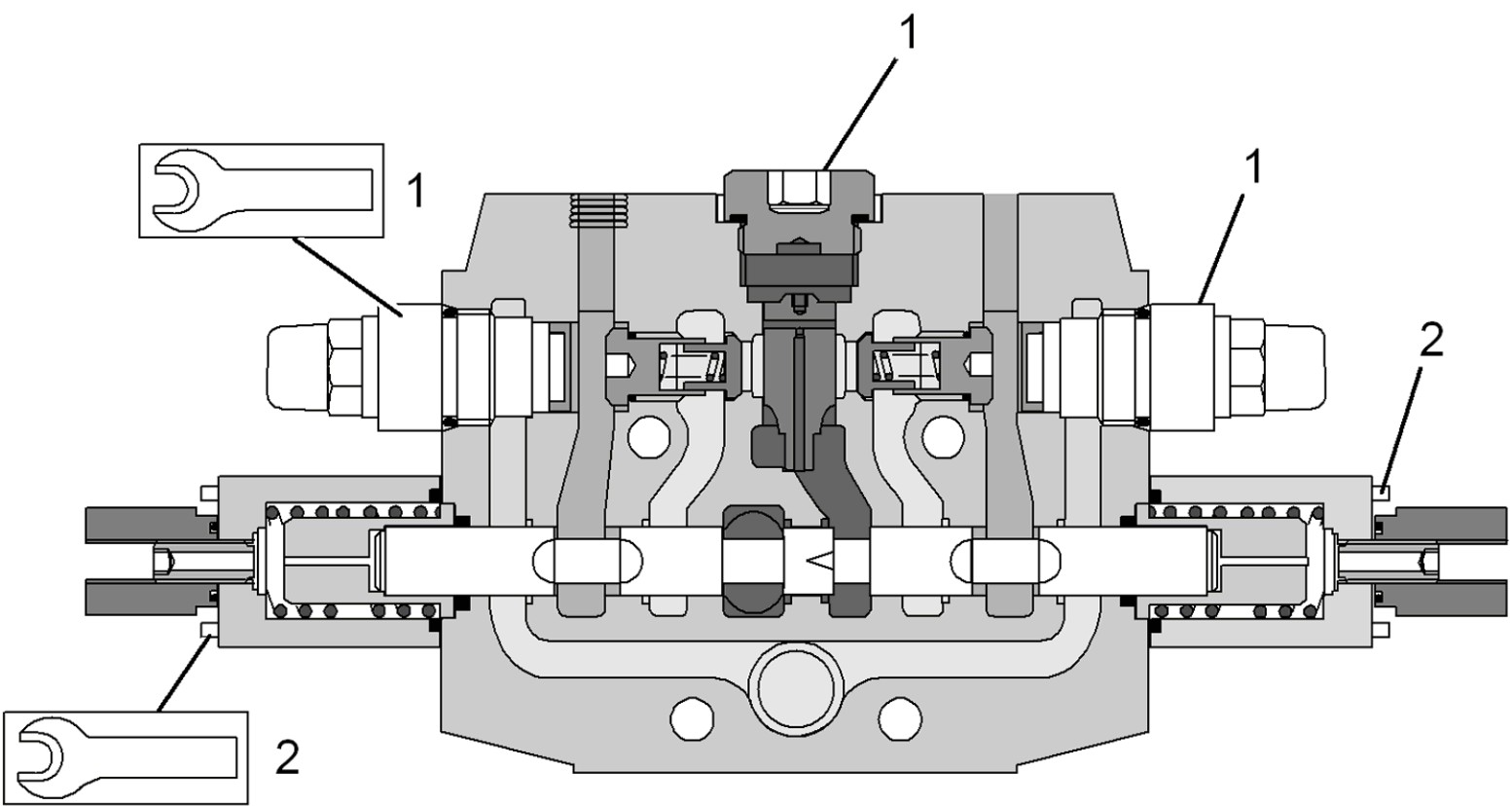


Figure 1
Tightening torques for screw connections

1. 70 Nm
2. 6 Nm

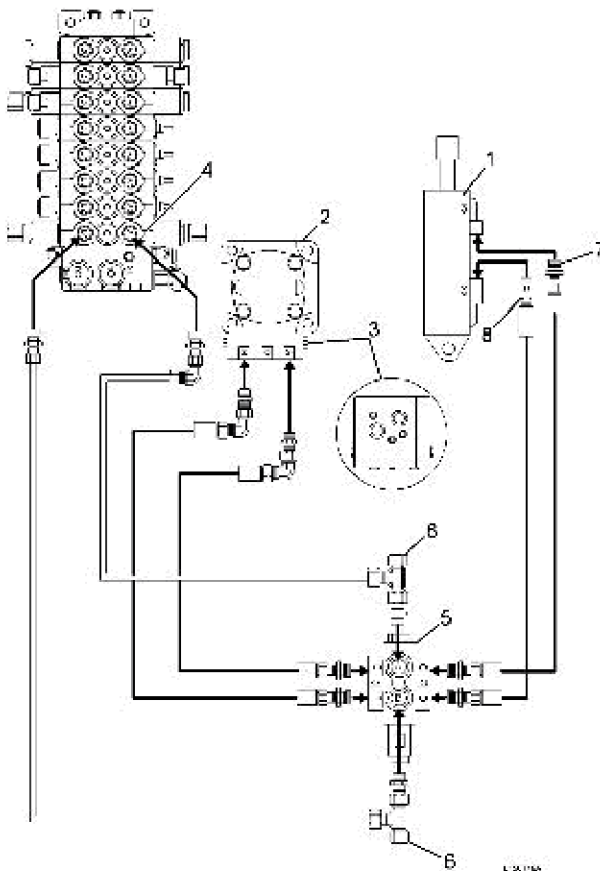


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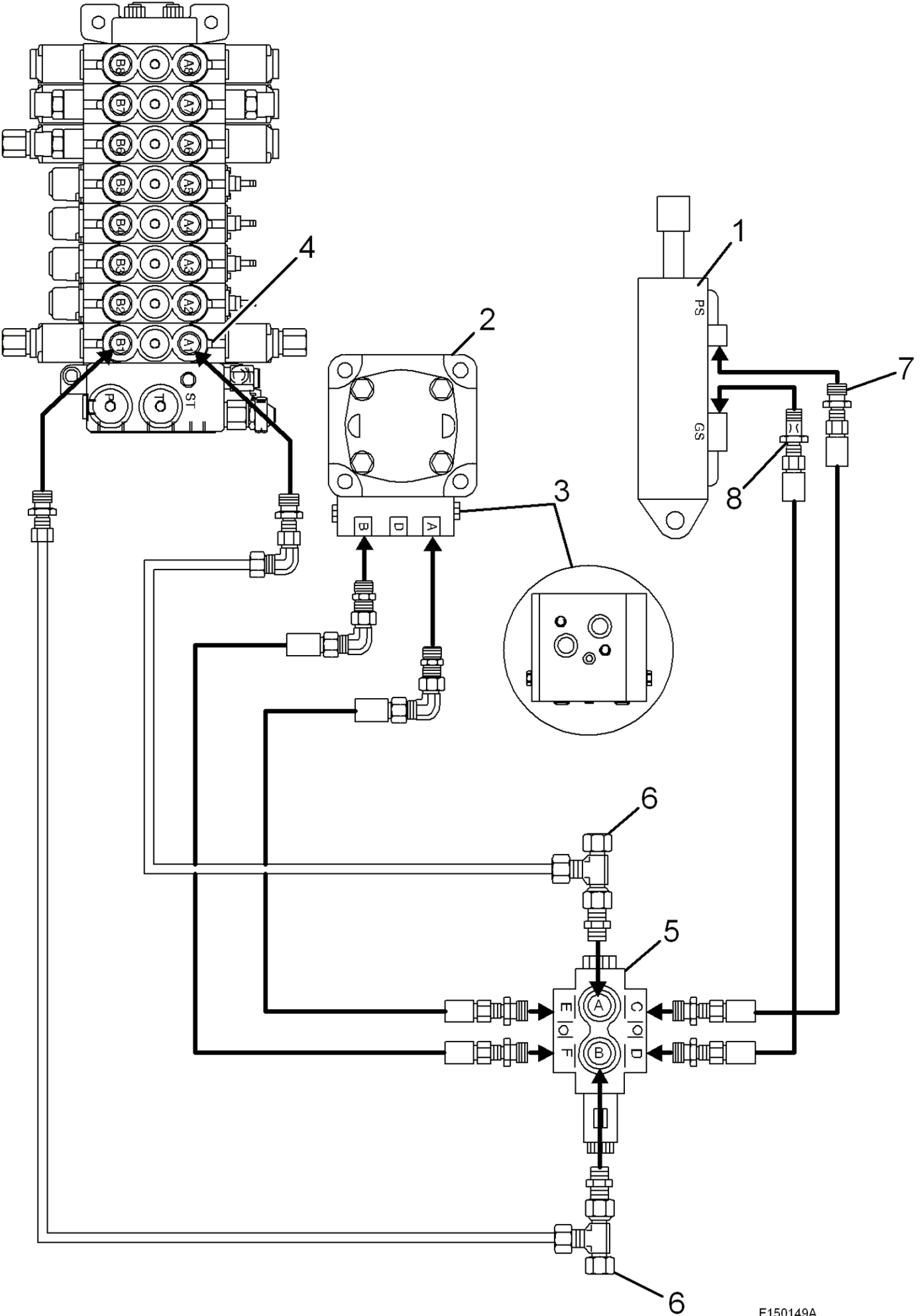
Construction Equipment

PROSIS Service Information

Document Title : Valve block for slewing gear	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Valve block for slewing gear**Figure 1**

1. Offset cylinder
2. Hydraulic slewing motor
3. Control valve block for slewing gear
4. Control element for slewing gear - offset cylinder
5. Solenoid valve for slewing gear / offset
6. Pressure test port
7. Piston rod side (retract cylinder)
8. Piston side (extend cylinder)





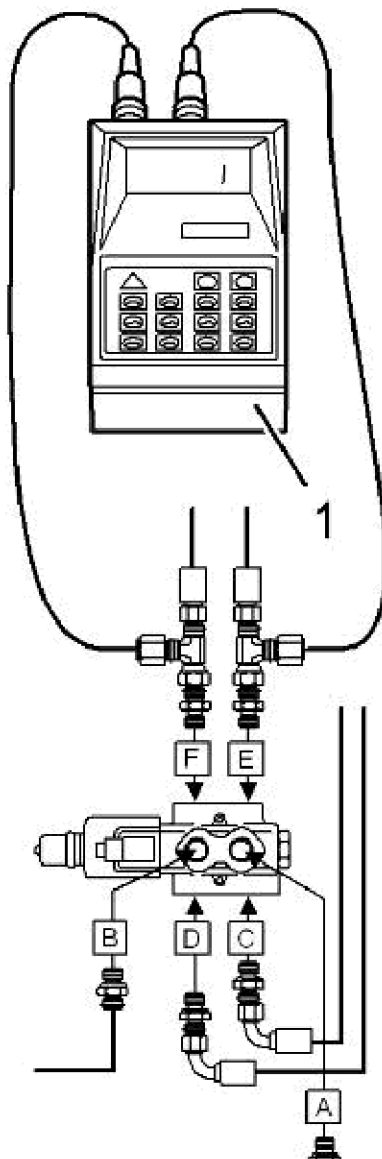
Construction Equipment

PROSIS Service Information

Document Title : Control valve block for slewing gear Test and adjustment	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Control valve block for slewing gear Test and adjustment

Measurement



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Figure 1
Pressure gauge

Swivel the top carrier element (superstructure) and block it with the offset cylinder, while resting the bucket against the dozer blade.

Remove both caps from the pressure test port (See figure).
Connect the pressure tester (1) to the pressure test ports.

Test

Start the engine and accelerate to full speed.

Operate the slewing gear control lever until the left hand end position is reached. Read DELTA P 150 bar for EC15B XR/XT/XTV and 160 bar for EC20B XT/XTV on the display.

Operate the slewing gear control lever until the right hand end position is reached. Read DELTA P 150 bar for EC15B XR/XT/XTV and 160 bar for EC20B XT/XTV on the display.

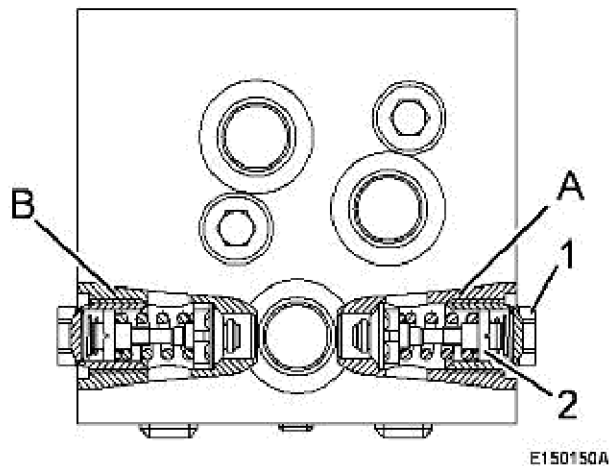


Figure 2

1. Counter nut
 2. Screw
- A. Pressure relief valve right hand side
B. Pressure relief valve left hand side

Adjustment

The DELTA P depends on the setting of the pressure relief valves (A and B - A for right hand side and B for left hand side) in the slewing gear control valve block.

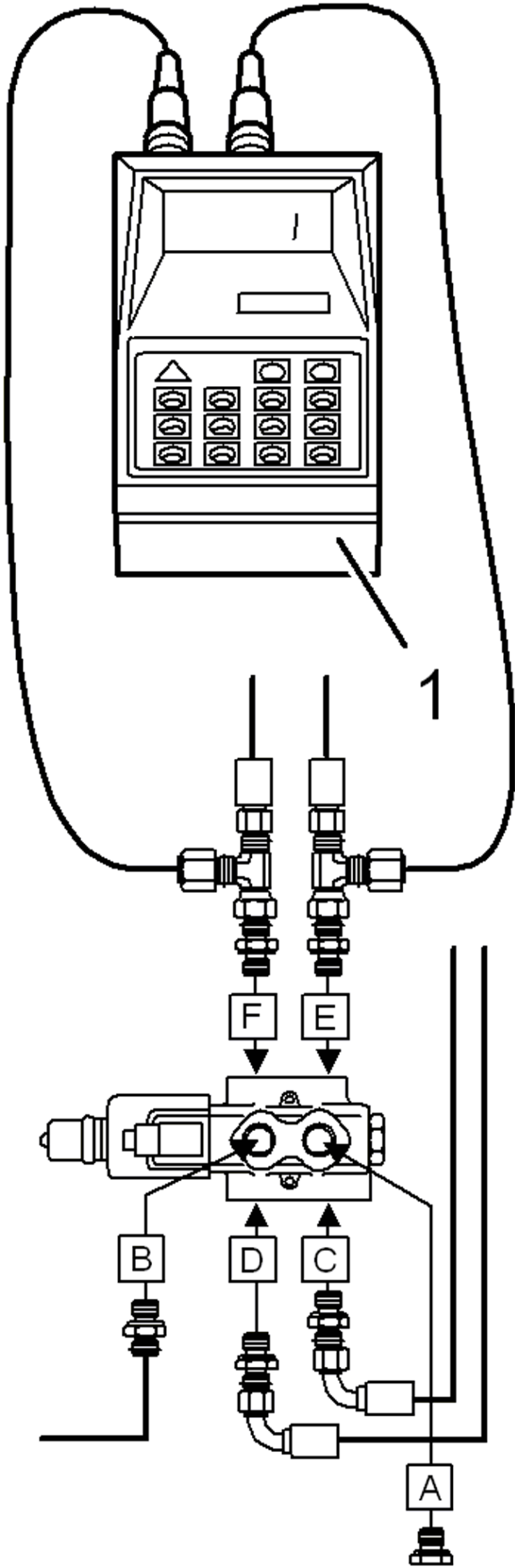
Unscrew plug (1) (13 mm spanner) and regulate the setscrew (2) (with screwdriver).

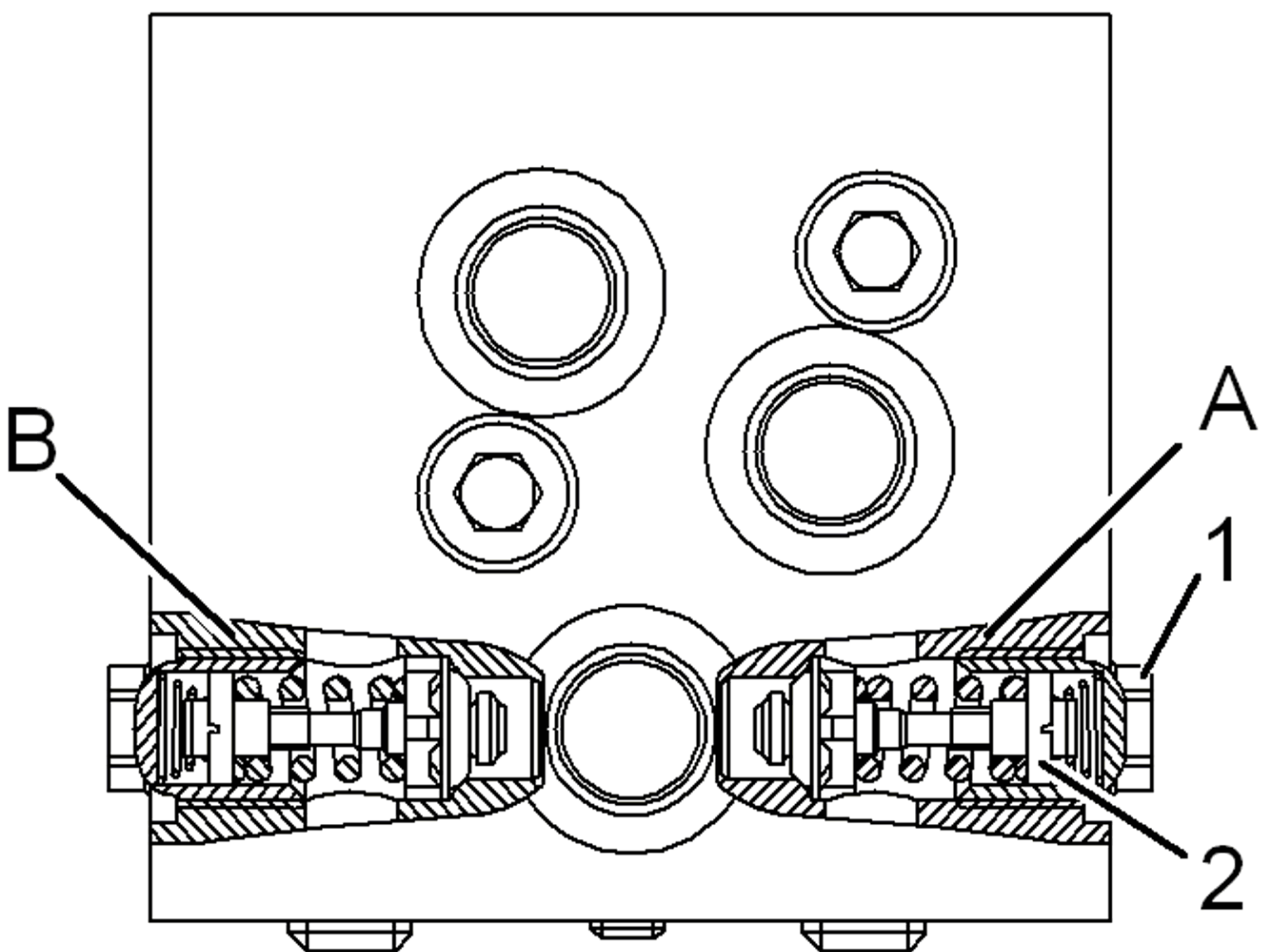
Tighten screw (2) clockwise to INCREASE the DELTA P.

Loosen screw (2) anti-clockwise to REDUCE the DELTA P.

NOTE Perform this work on right and left hand side.

Remove pressure tester (1) and screw the caps back on to the pressure test ports.





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VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Tests and adjustments of the power control	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Tests and adjustments of the power control

Test

Remove the cap from pressure test ports (P1) and connect a pressure tester.

Connect a flow meter (3) to attachment lines (2) and to the dipper arm cylinder supply line (1) (piston side).

Connect the return flow line.

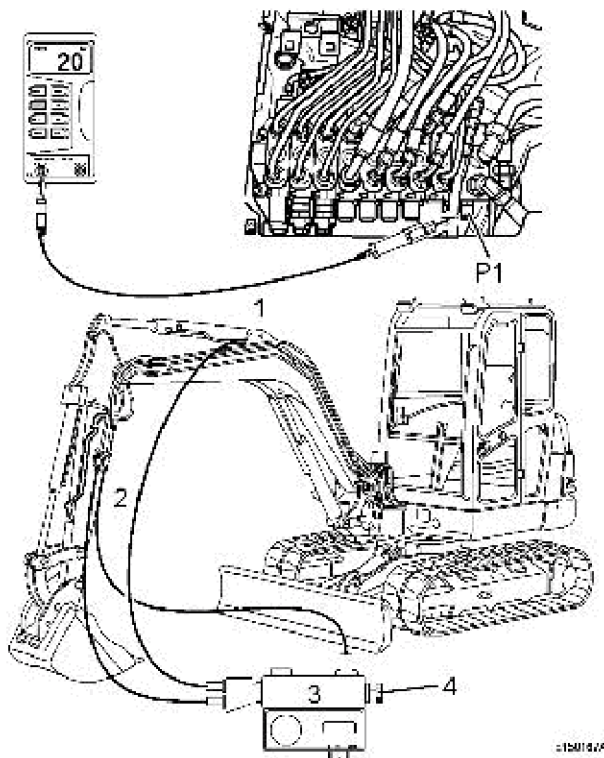


Figure 1

Measurement

Start the engine and accelerate to maximum speed.

Fully open the tap, the pressure on pressure tester port P1 38 l/min on EC15B and 43 l/min on EC20B must be 50 bar.

Caution!

Please proceed as described below. Never adjust the pressure first and then the flow rate.

NOTE The hydraulic oil temperature in the hydraulic oil tank must be 50 °C to 60 °C.

Start the engine and accelerate to maximum speed.

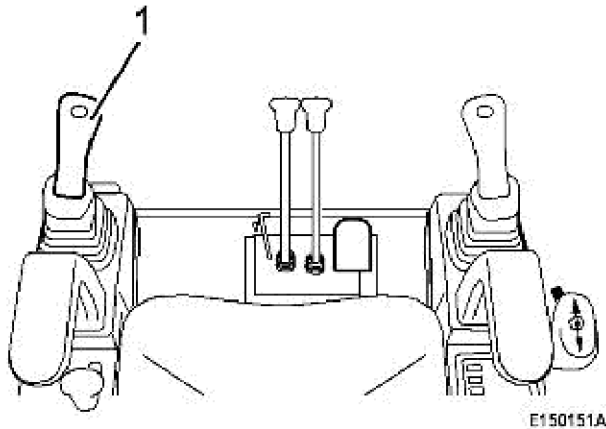


Figure 2

Perform two movements to the respective end positions, attachment line ([See figure/2](#)) and dipper arm cylinder ([See figure/1](#)) must be included in this movement. Kick pedal option (2) fully forward while pulling control lever (1) back and check the maximum pump power. The measuring unit must indicate a flow of 38 l for EC15B and 43 l/min for EC20B.

If the flow rate of 38 l or 43 l is not reached, both dipper arm cylinder and option must be checked and adjusted individually, [See further](#) and [See further](#).

Close tap ([See figure/4](#)) slowly, until the flow meter indicates a flow of 25 l (first digit). Check the pressure, see [See further](#) (only possible on EC20B).

NOTE The pressure is adjusted only on one pressure test port
If necessary adjust the pressure.

Adjustment

The measured pressures depend on the resistance of the spring, which defines the power control curve.

1. Slacken counter nut (1) and turn screw (2) with an Allen key (3) to adjust.
2. Turn screw (2) clockwise to INCREASE the pressure.
Loosen screw (2) anti-clockwise to REDUCE the pressure.

Coarse adjustment: Measurement A approx. 13 mm

Nominal pressure see [See further](#), item one.

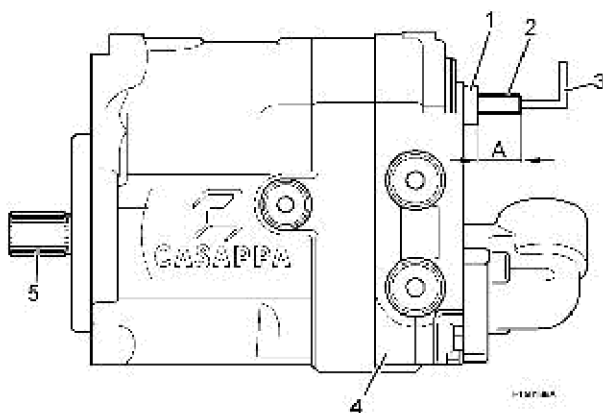
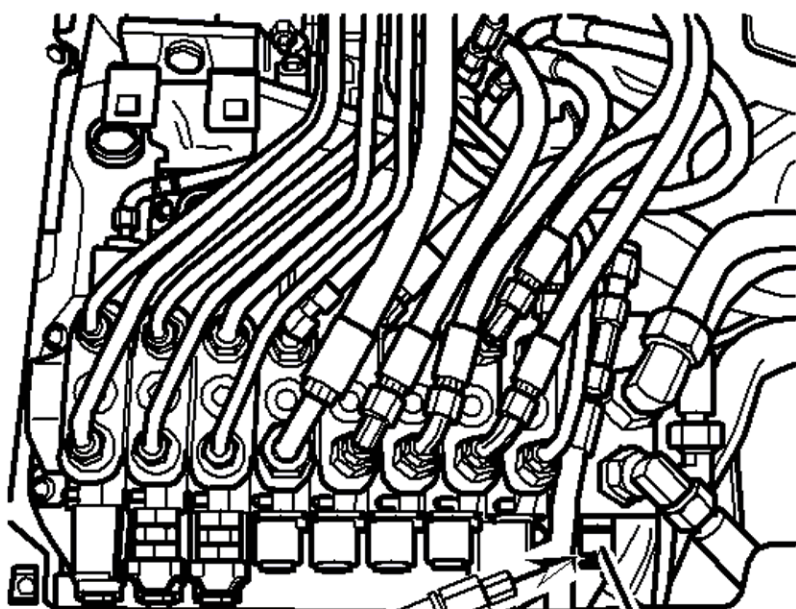
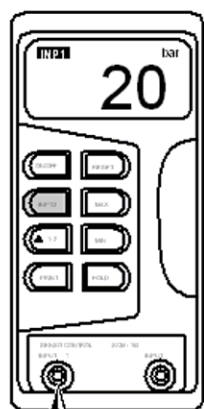


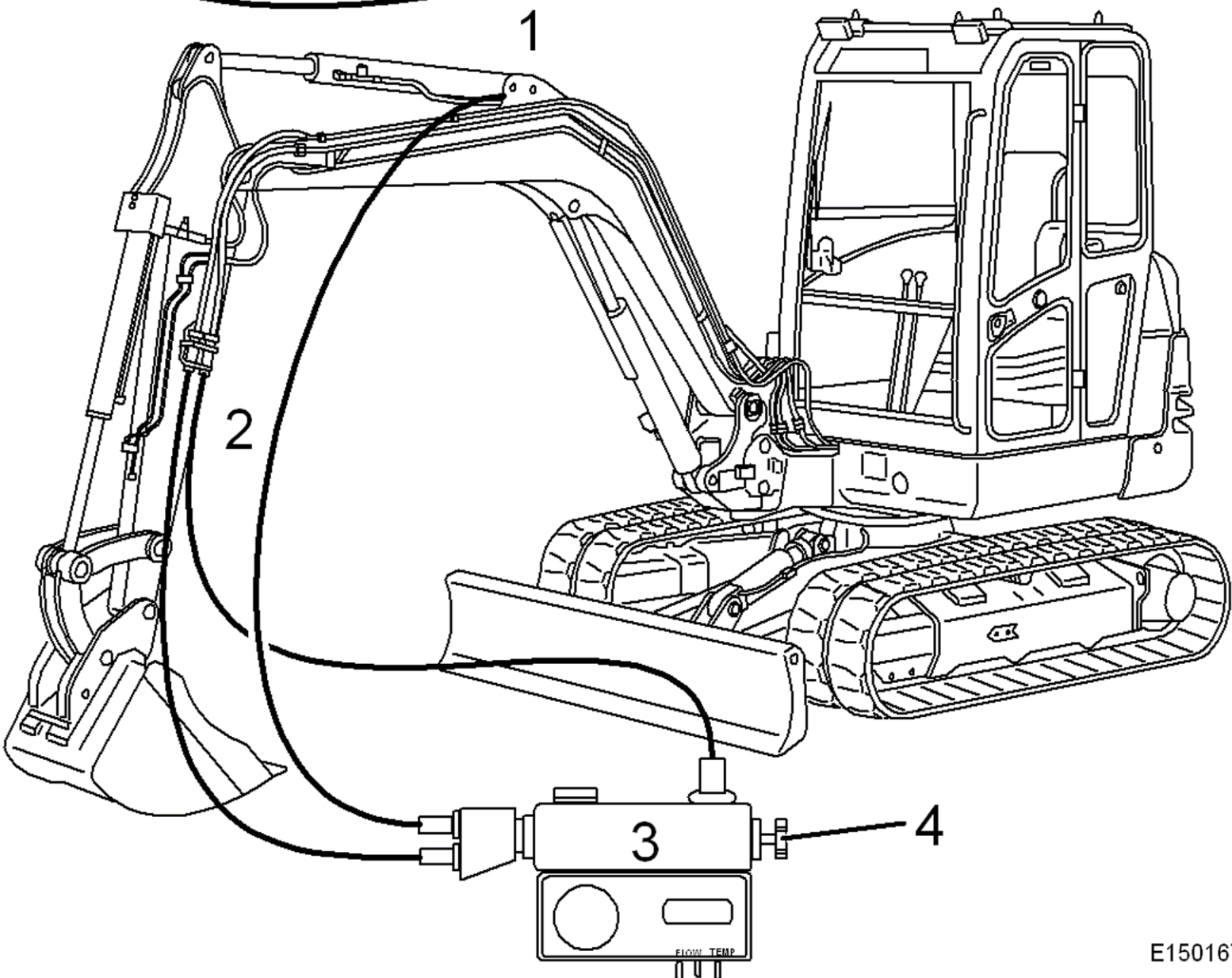
Figure 3

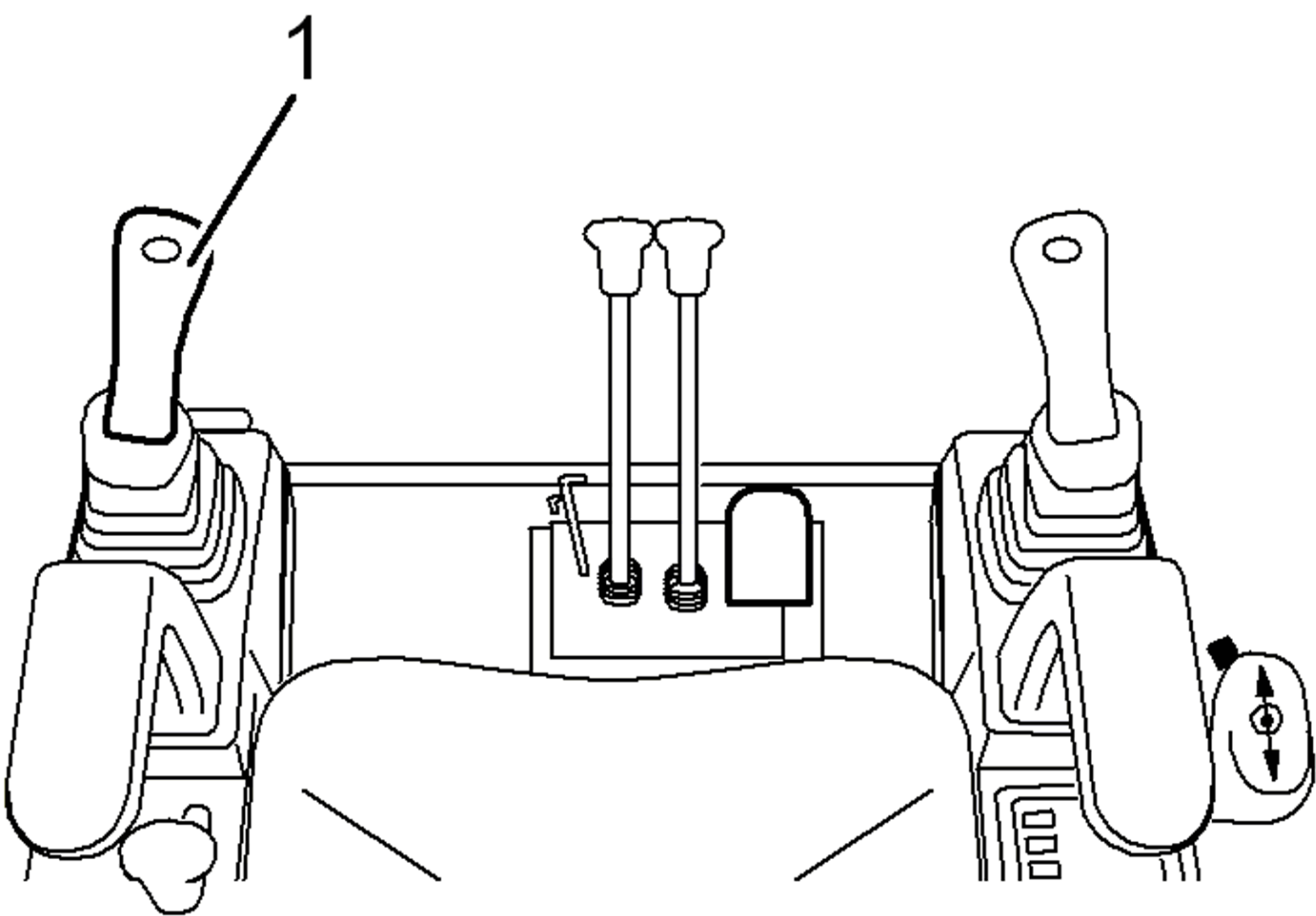
1. Counter nut
2. Screw
3. Allen key
4. Hydraulic pump

5. Shaft

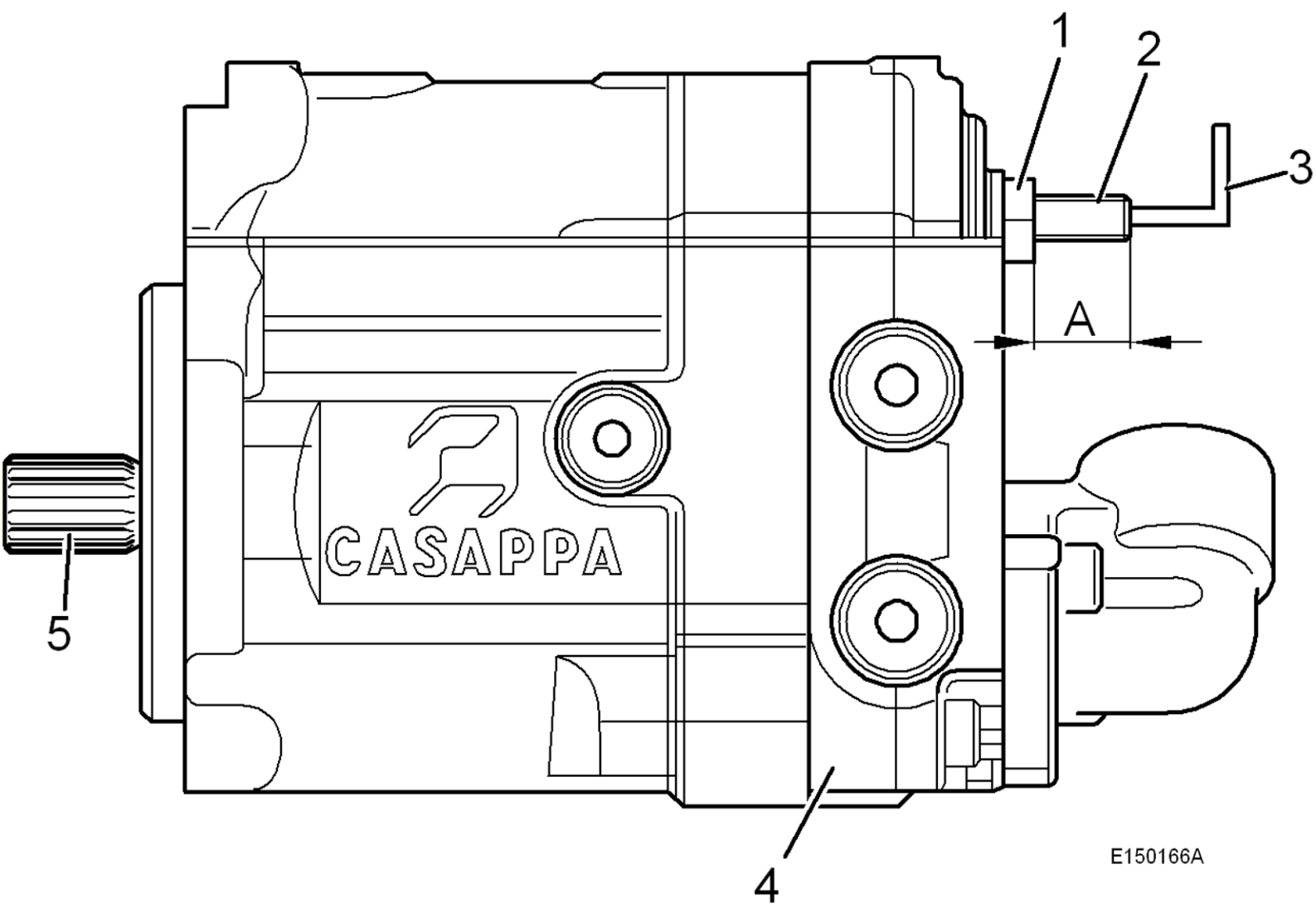


P1





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VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Checking and adjusting the dipper arm cylinder (volumetric capacity)	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Checking and adjusting the dipper arm cylinder (volumetric capacity)

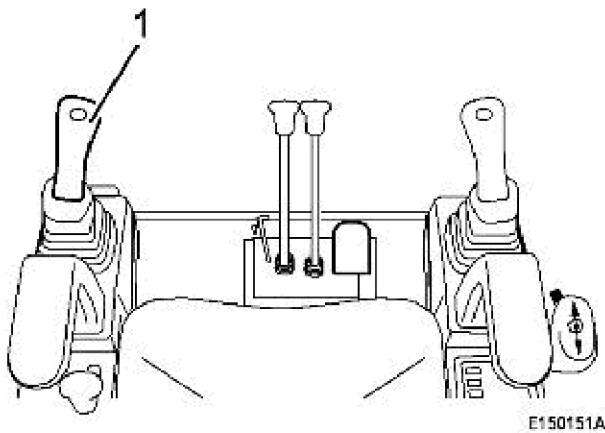


Figure 1

Measurement

Start the engine and accelerate to maximum speed.

Pull the left hand control lever (1) back and check the maximum pump power. The flow meter ([See figure/3](#)) must show a flow rate of 35 l.

Adjustment

Disconnect hose and fitting from control element B 7. Slacken outer sleeve (1) (19 mm spanner). Use a 6 mm Allen key (2) to turn screw (3) either in clockwise direction to reduce the flow rate or in anti-clockwise direction to increase the flow rate.

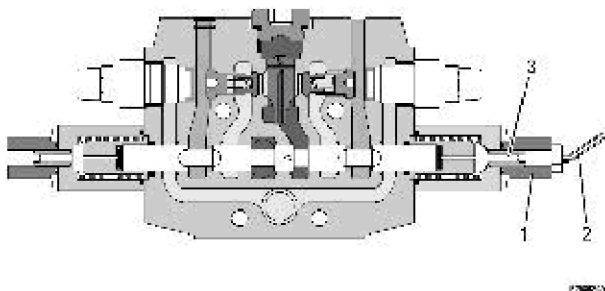
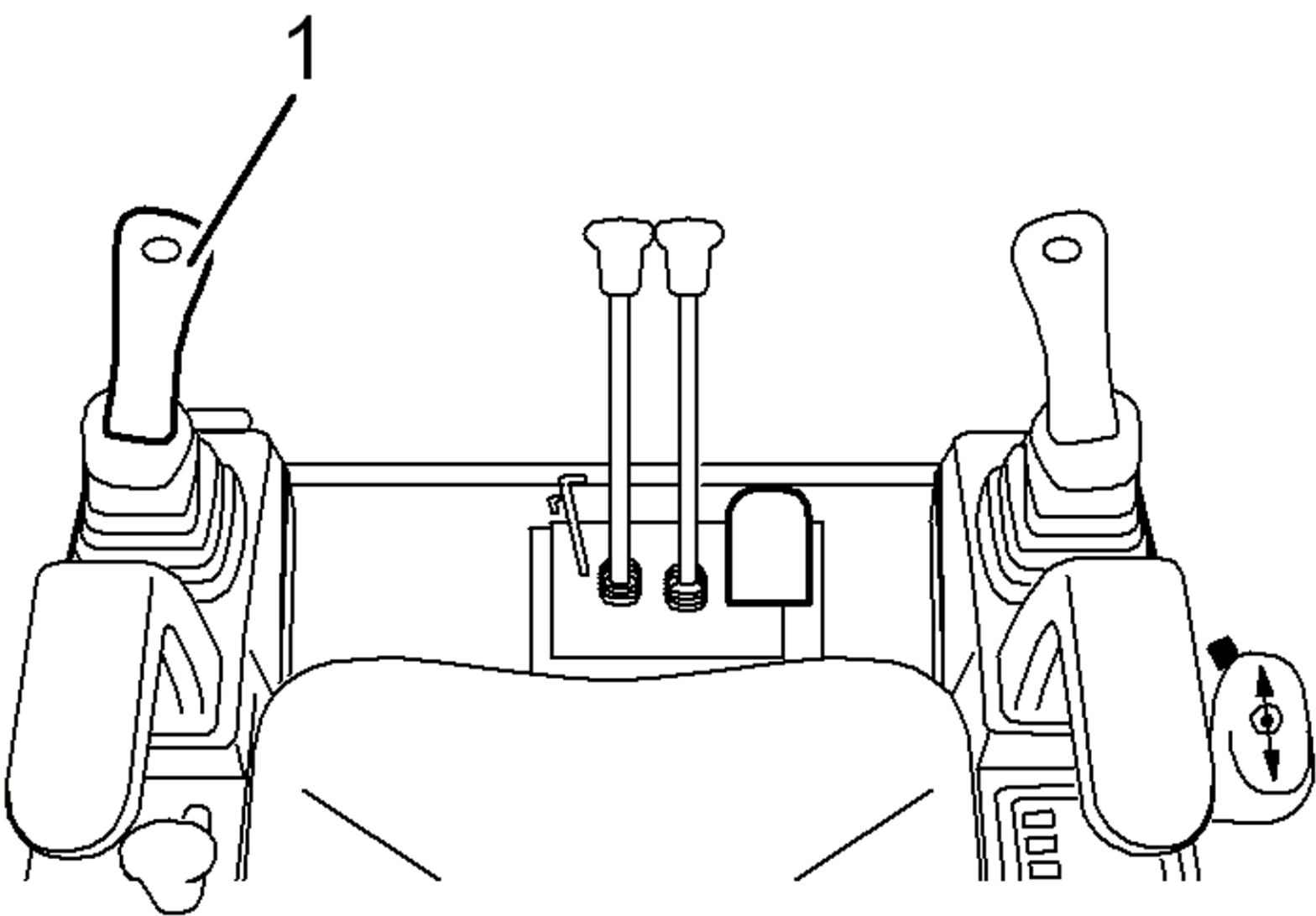
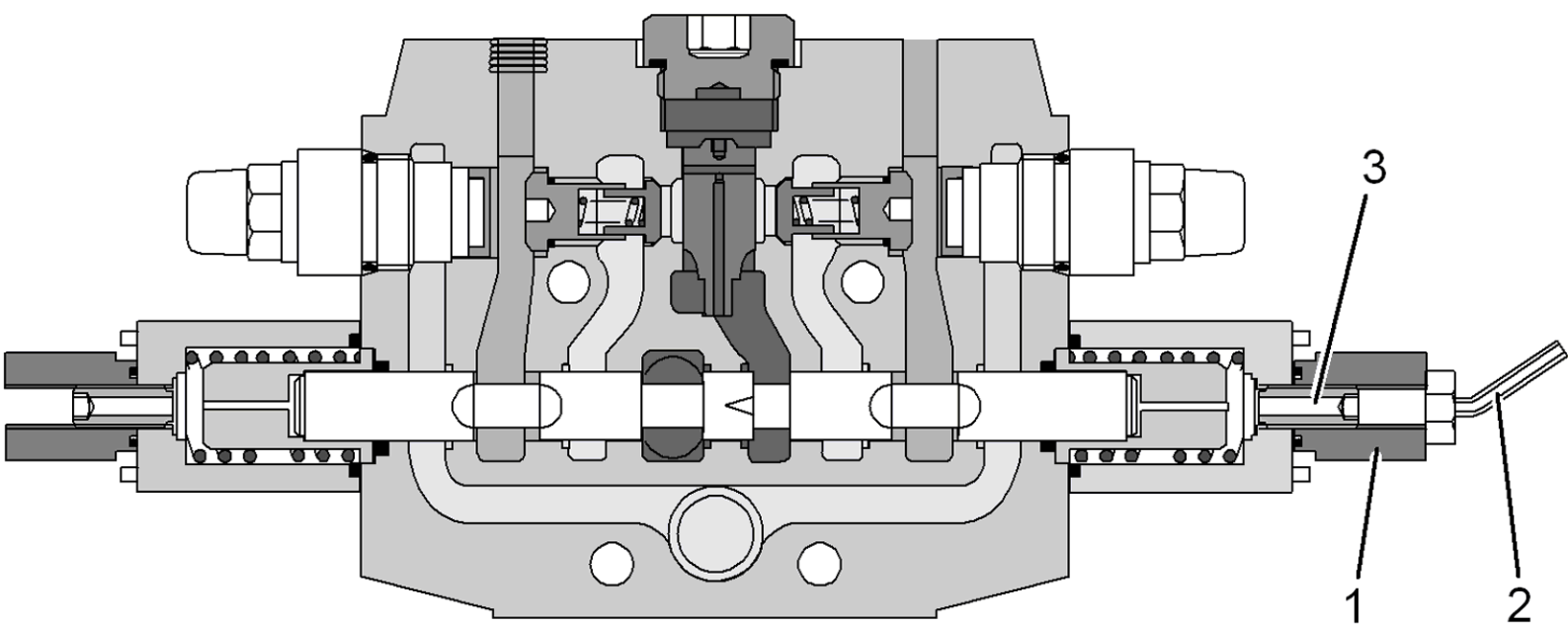


Figure 2



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VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Checking and adjusting the breaker (volumetric capacity)	Function Group : 9125	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

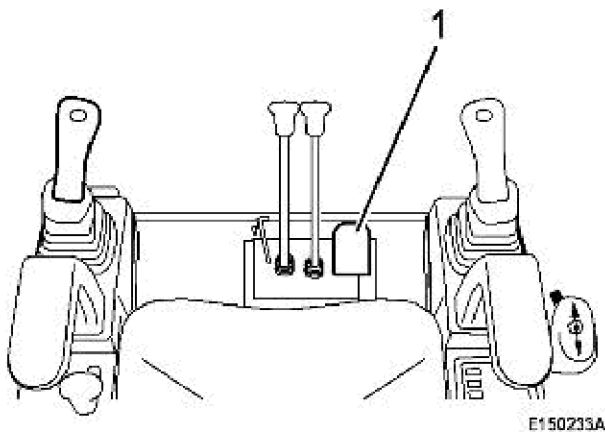
Checking and adjusting the breaker (volumetric capacity)

Figure 1

Measurement

Start the engine and accelerate to maximum speed. Kick pedal option (1) fully down and check the max. pump flow rate. The flow meter ([See figure/3](#)) must show a flow rate of 35 l.

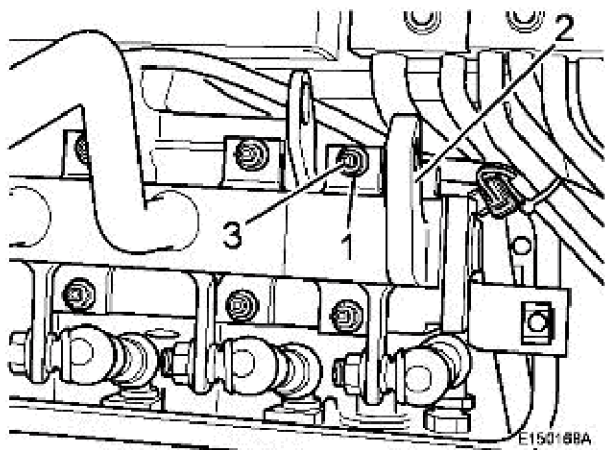


Figure 2

Adjustment

Remove the floor plates from the cabin.
Check the play on pedal option (2), adjust if necessary.
Loosen counter nut (1) and adjust screw (3) until a play of 0.5 mm between screw and contact face is reached.
Tighten the counter nut.

Pump P1 (EC15B)

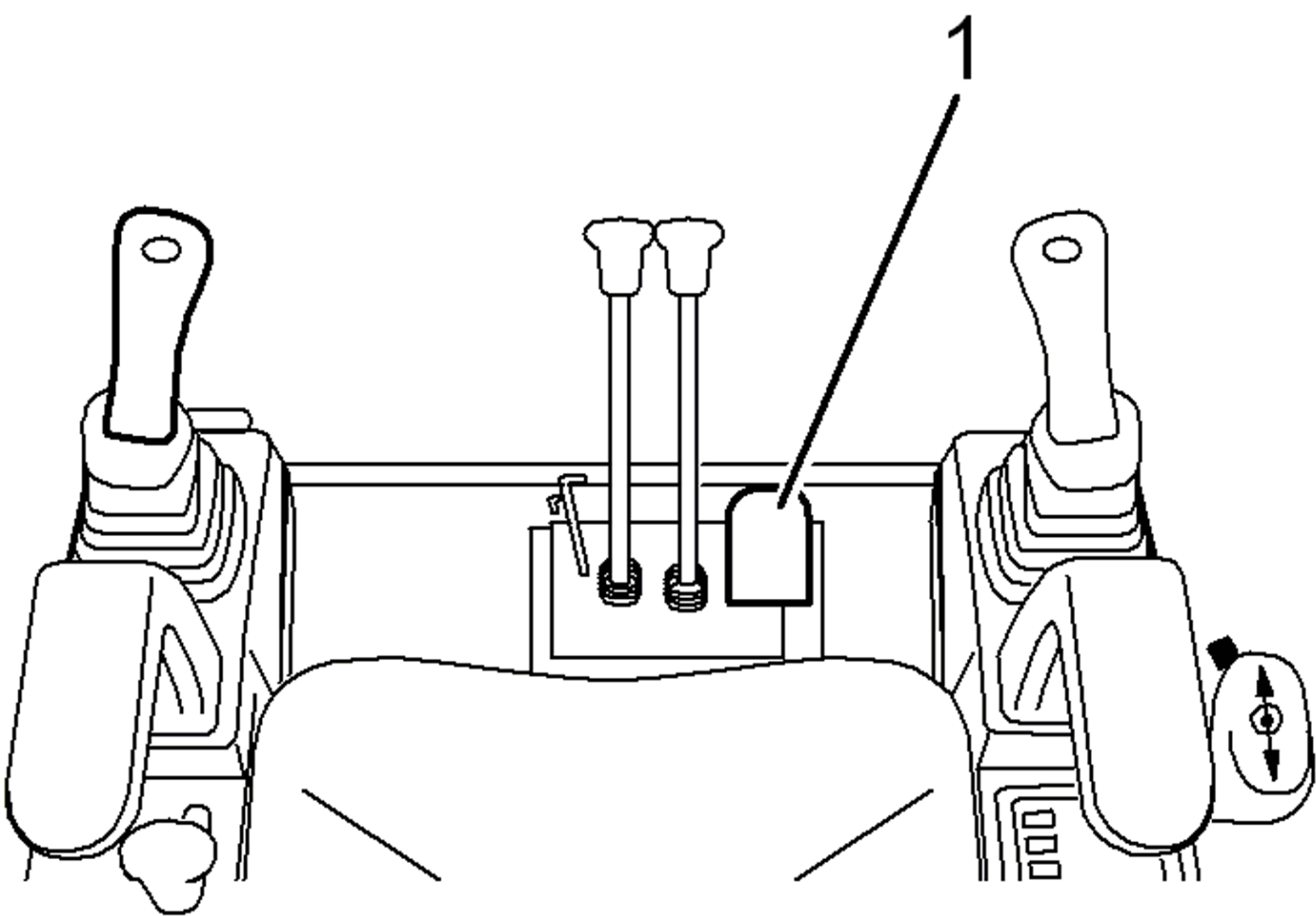
This pump is a pump with fixed displacement (14,5 cm³ /rev.) and serves the following functions:

Dipper cylinder	18/22 l/min
Slewing gear/offset	12 l/min.
Dozer blade cylinder	12/16 l/min
Left-hand right-hand travel gear	26 l/min.
Bucket cylinder	16/20 l/min
Boom cylinder	14/18 l/min
Accessories/options	35 l/min.

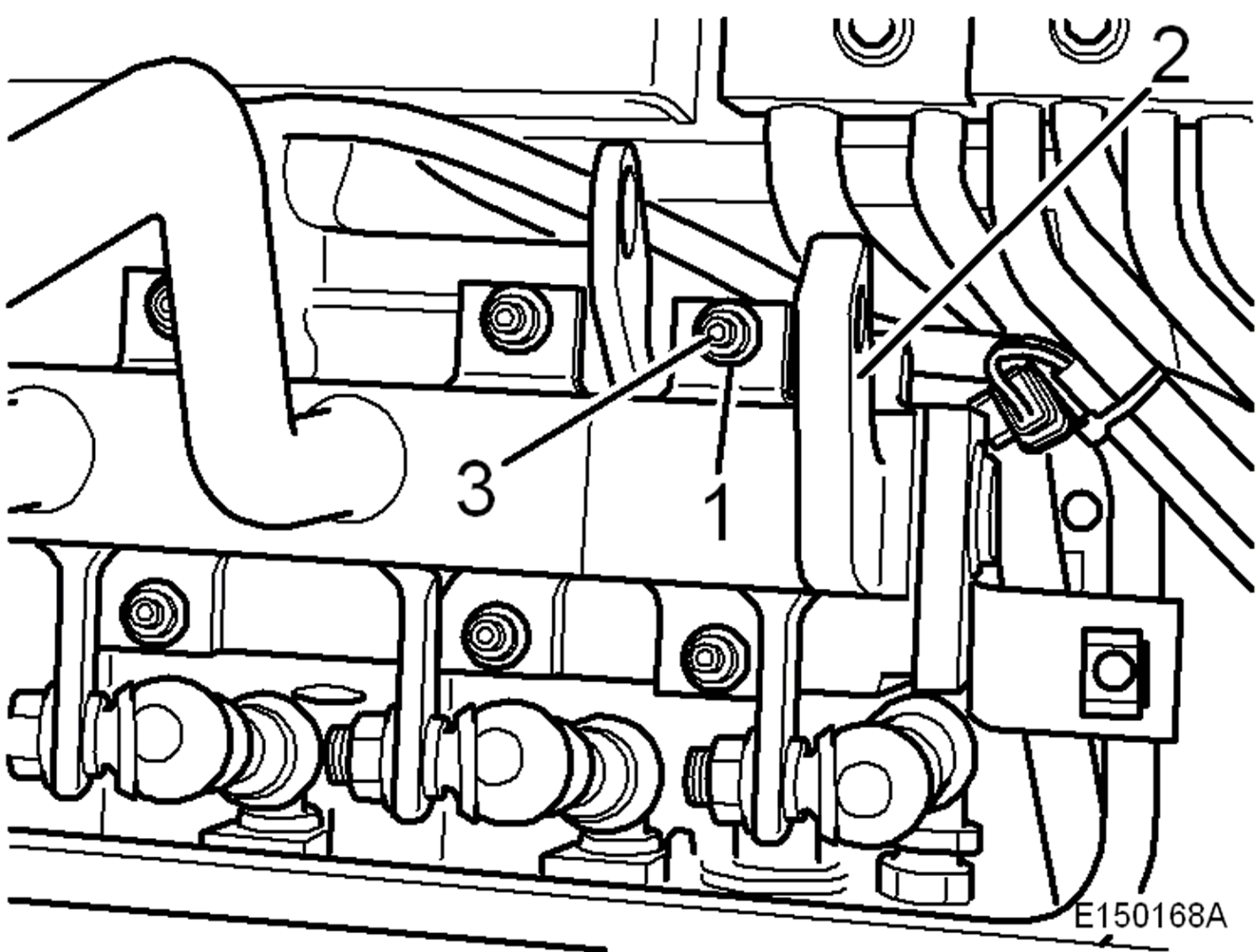
Pump P1 (EC20B)

This pump is a pump with variable displacement (20 cm³ /rev.) and serves the following functions:

Dipper cylinder	22/32 l/min
Slewing gear/offset	15 l/min.
Dozer blade cylinder	12/16 l/min
Left-hand right-hand travel gear	26 l/min.
Bucket cylinder	23/31 l/min
Boom cylinder	16/23 l/min
Accessories/options	40 l/min.



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VOLVO

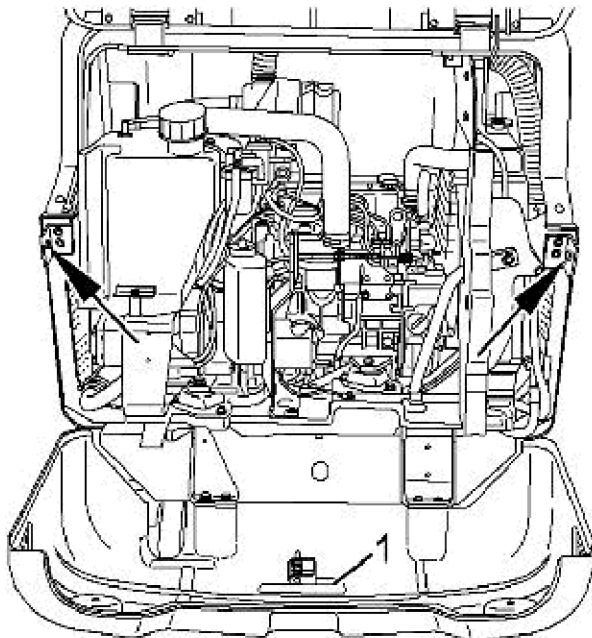
Construction Equipment

PROSIS Service Information

Document Title : Removing the hydraulic pump (EC15B)	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Removing the hydraulic pump (EC15B)

Op nbr

[14360000 Vacuum pump](#)

E150055A

Figure 1

- Unscrew both screws (arrows) on both sides of the counterweight.
- Pull safety lever (1) and move the counterweight to bottom position.

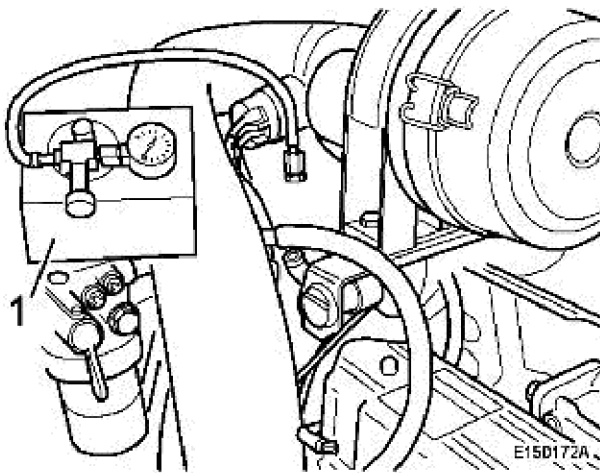


Figure 2

- Remove the breather and install vacuum pump (1).

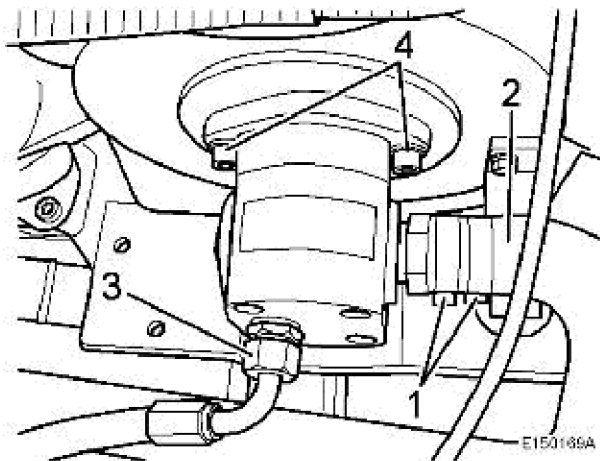


Figure 3

- Loosen hose clamps (1), remove suction line (2) and close the opening of the suction line with a plug.
- Unscrew hydraulic line (3) and close with plug.
- Unscrew fastening screws (4) and remove the hydraulic pump.

NOTE Check splines on coupling for wear, replace if necessary.

Installing the hydraulic pump

Op nbr

[14360000 Vacuum pump](#)

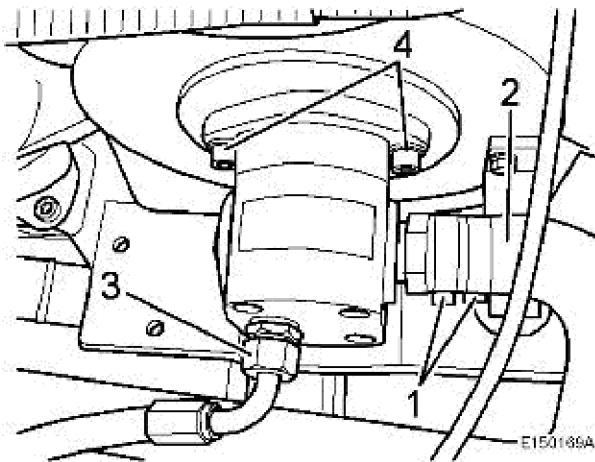


Figure 4

- Clean mounting surface on flange.
- Assemble the hydraulic pump, turn in both screws (4) and tighten with 60 ± 10 Nm.

NOTE Remove all plugs before connecting the hydraulic lines.

- Connect hydraulic line (3), align it correctly and tighten with 35 Nm.
- Assemble suction line (2) and tighten both hose clamps (1).

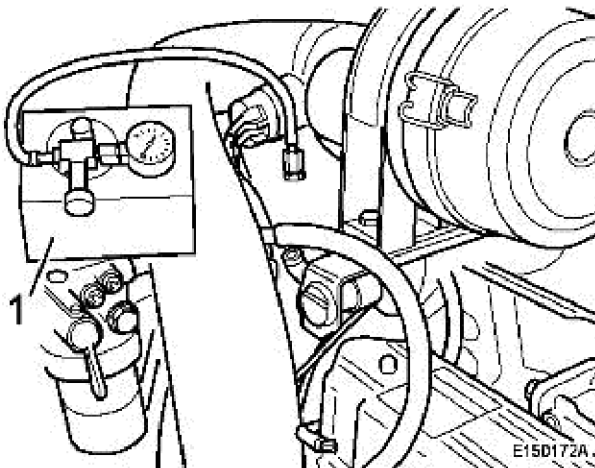


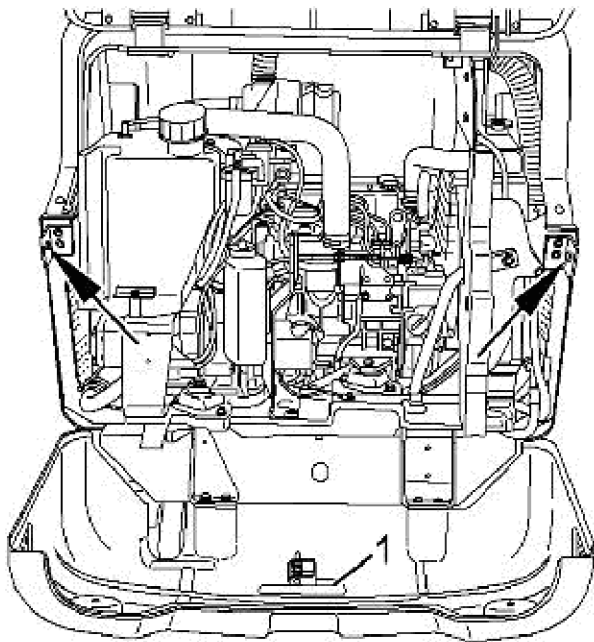
Figure 5

- Remove vacuum pump (1) and check the hydraulic oil level, top up if necessary.
- Start the engine, check machine functions and leak tightness, fill up oil if necessary.
- Lift the counterweight up and fasten with the screws.

Removing the hydraulic pump (EC20B)

Op nbr

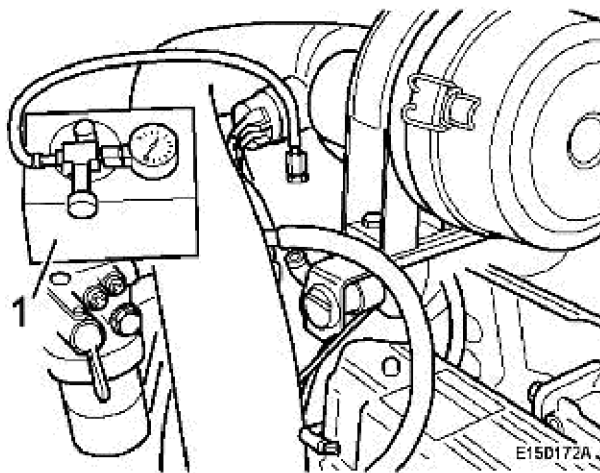
[14360000 Vacuum pump](#)



E150055A

Figure 6

- Unscrew both screws (arrows) on both sides of the counterweight.
- Pull safety lever (1) and move the counterweight to bottom position.



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Figure 7

- Remove the breather and install vacuum pump (1).

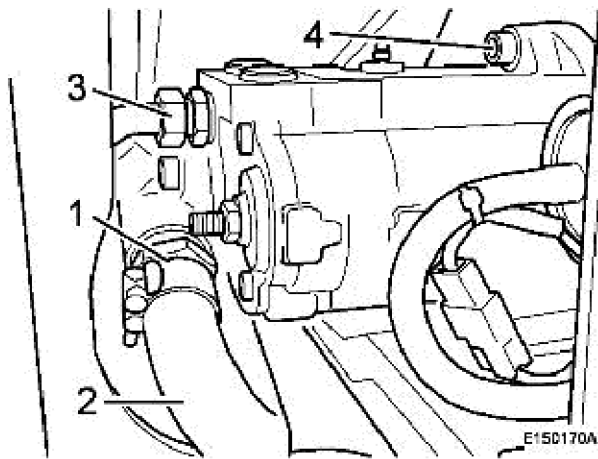


Figure 8

- Loosen hose clamp (1), remove suction line (2) and close the opening of the suction line with a plug.
- Unscrew hydraulic line (3) and close with plug.
- Unscrew fastening screws (4) and remove the hydraulic pump.

NOTE Check splines on coupling for wear, replace if necessary.

Installing the hydraulic pump

Op nbr

[14360000 Vacuum pump](#)

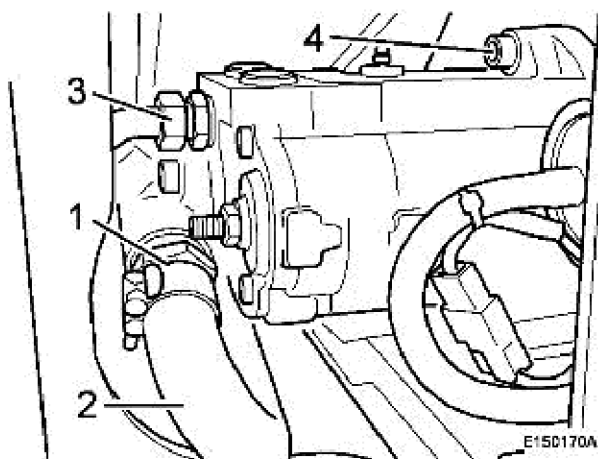


Figure 9

- Clean mounting surface on flange.
- Assemble the hydraulic pump, turn in both screws (4) and tighten with 60 ± 10 Nm.

NOTE Remove all plugs before connecting the hydraulic lines.

- Connect hydraulic line (3), align it correctly and tighten with 35 Nm.
- Assemble suction line (2) and tighten both hose clamps (1).

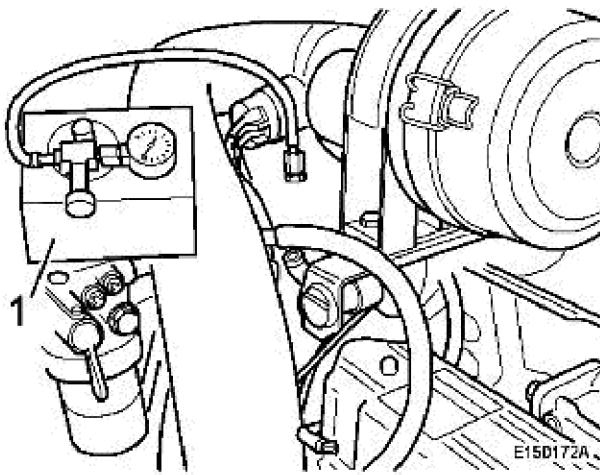
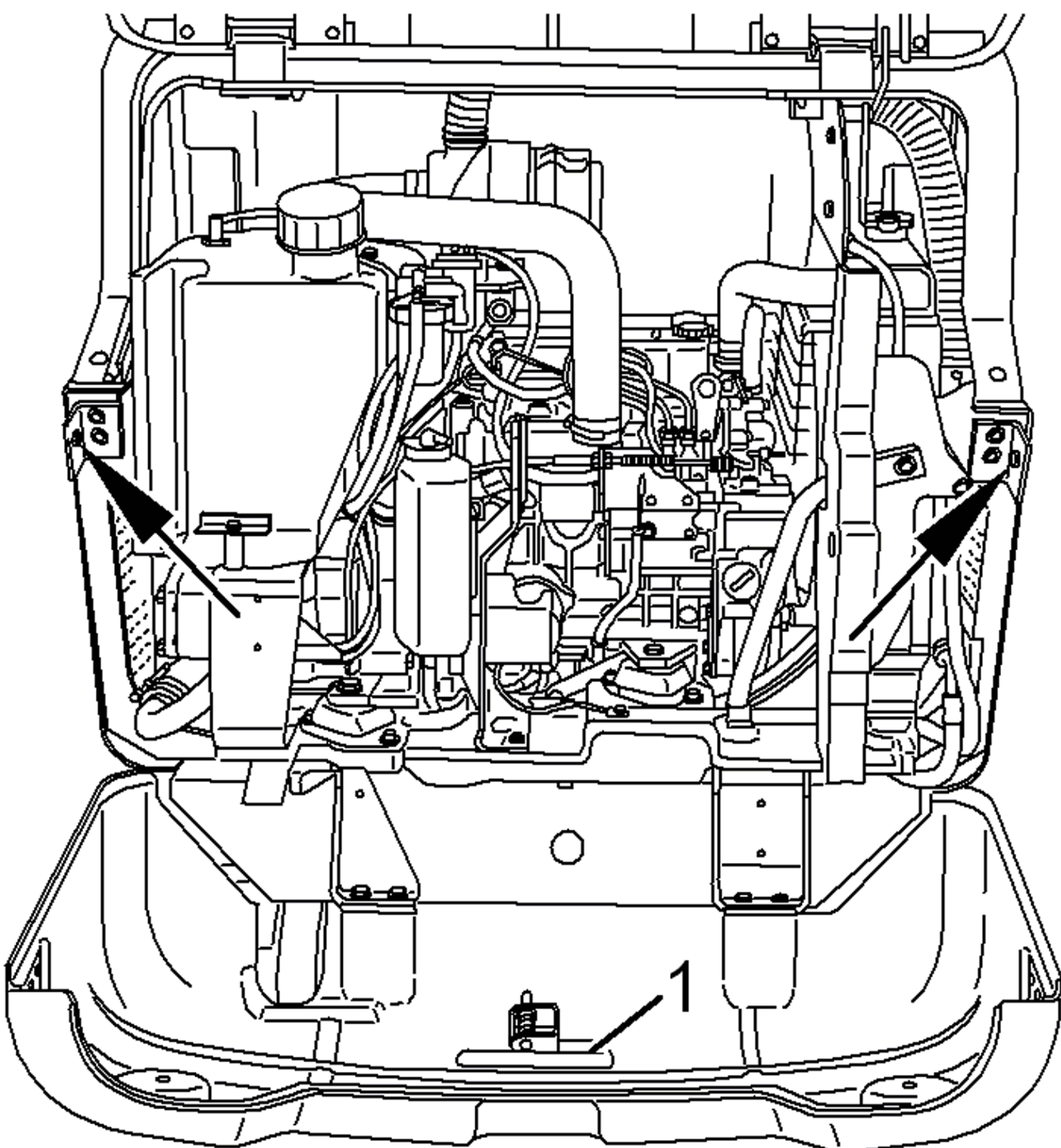
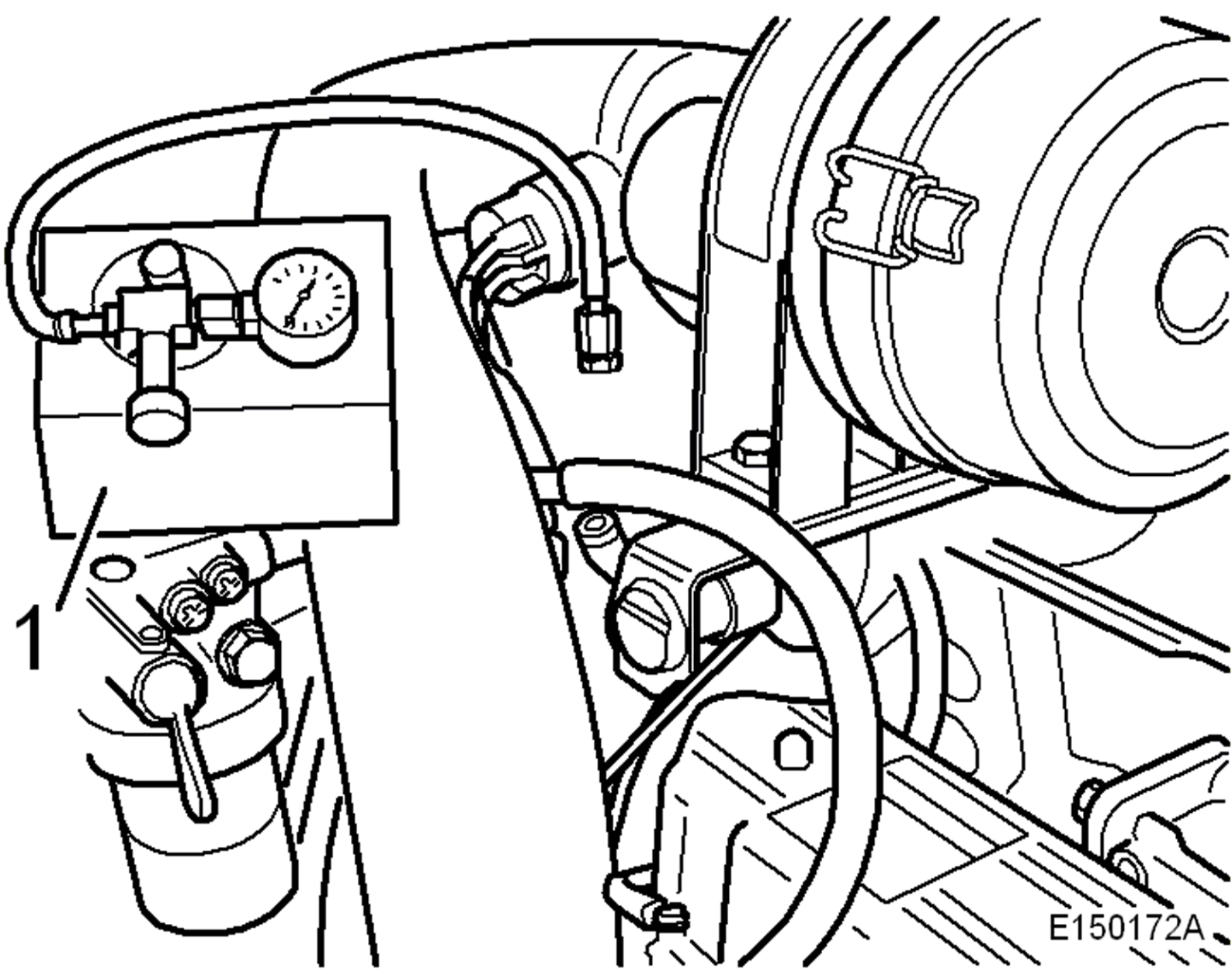


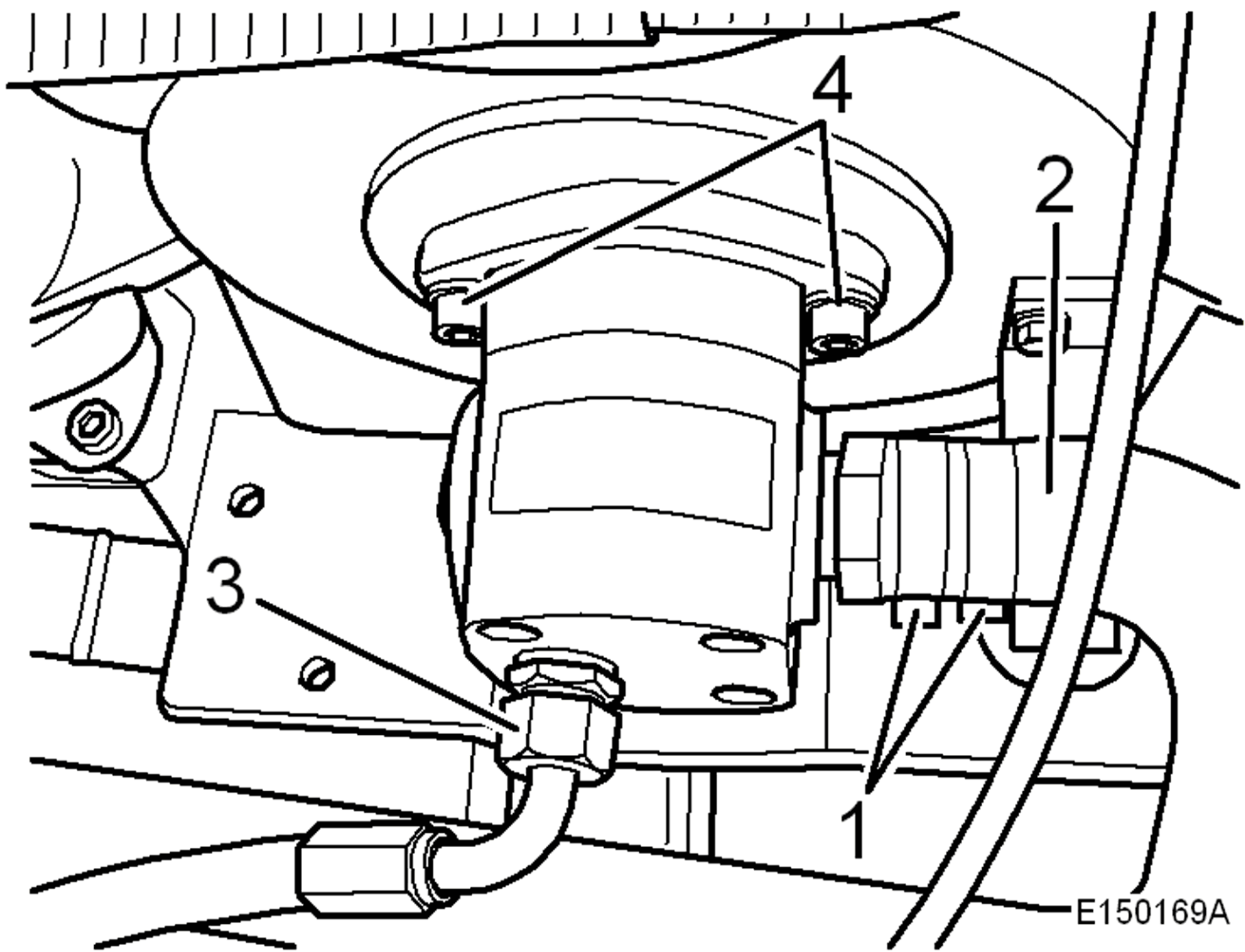
Figure 10

- Remove vacuum pump (1) and check the hydraulic oil level, top up if necessary.
- Start the engine, check machine functions and leak tightness, fill up oil if necessary.
- Adjusting the pump, see ([See further](#)).
- Lift the counterweight up and fasten with the screws.

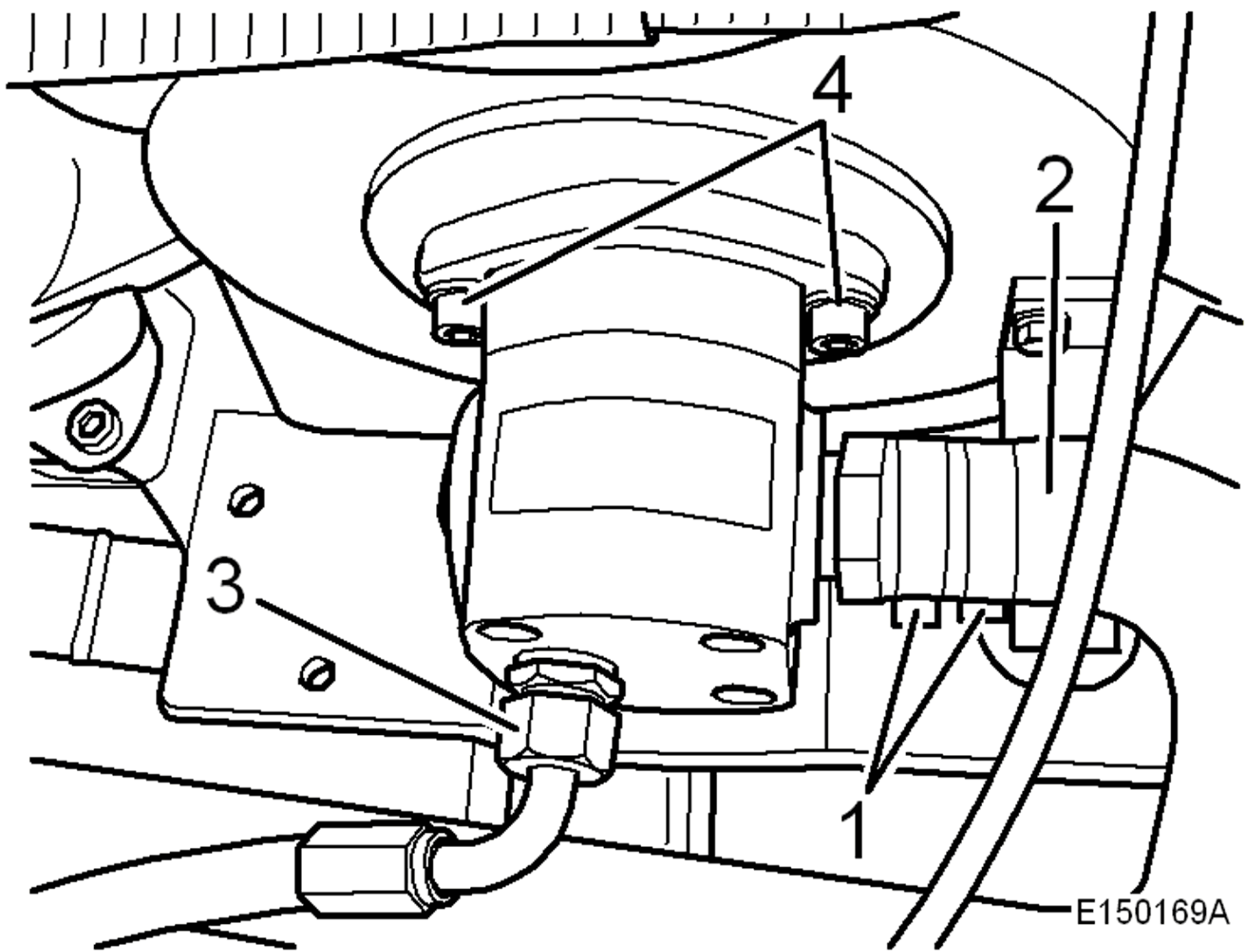


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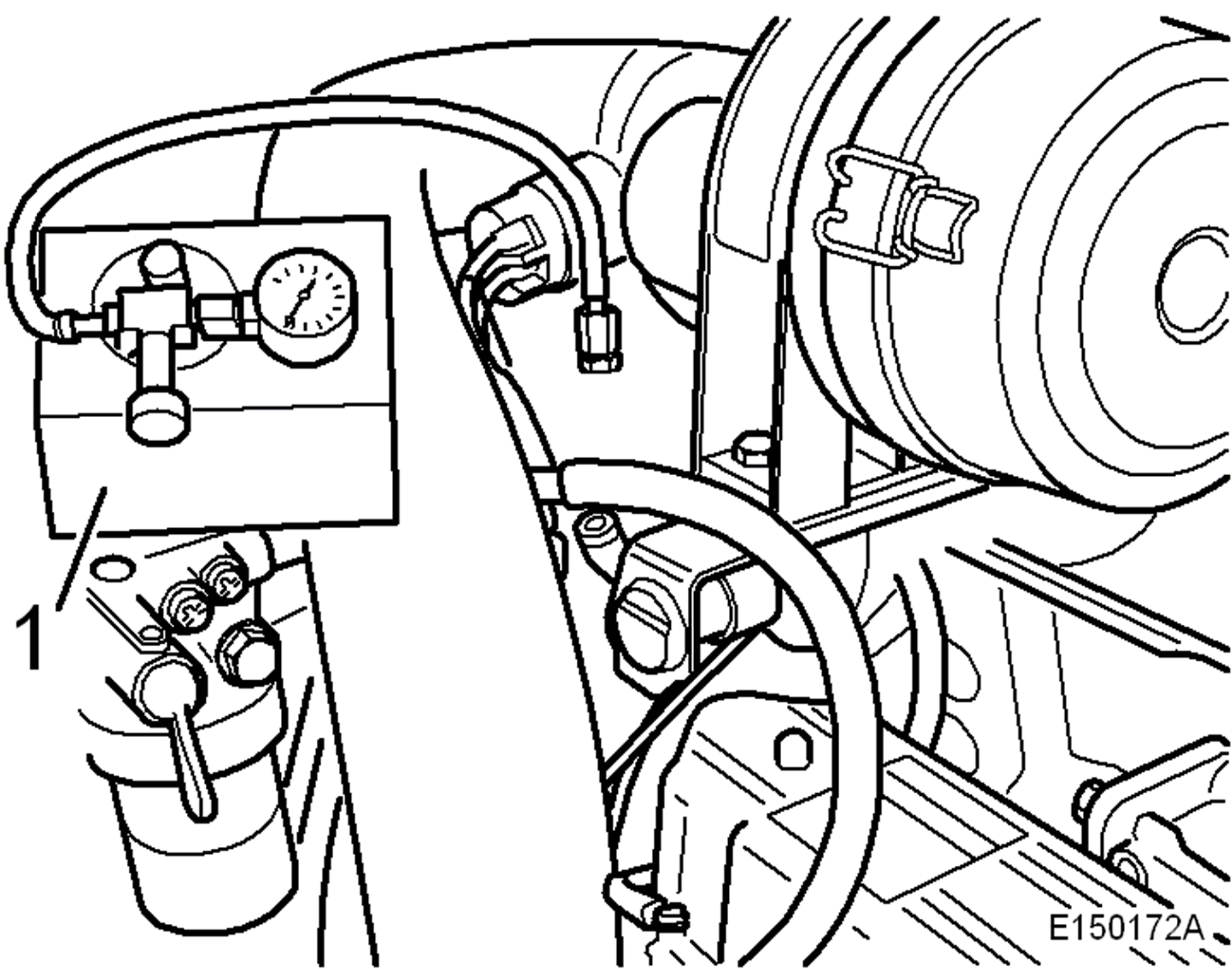




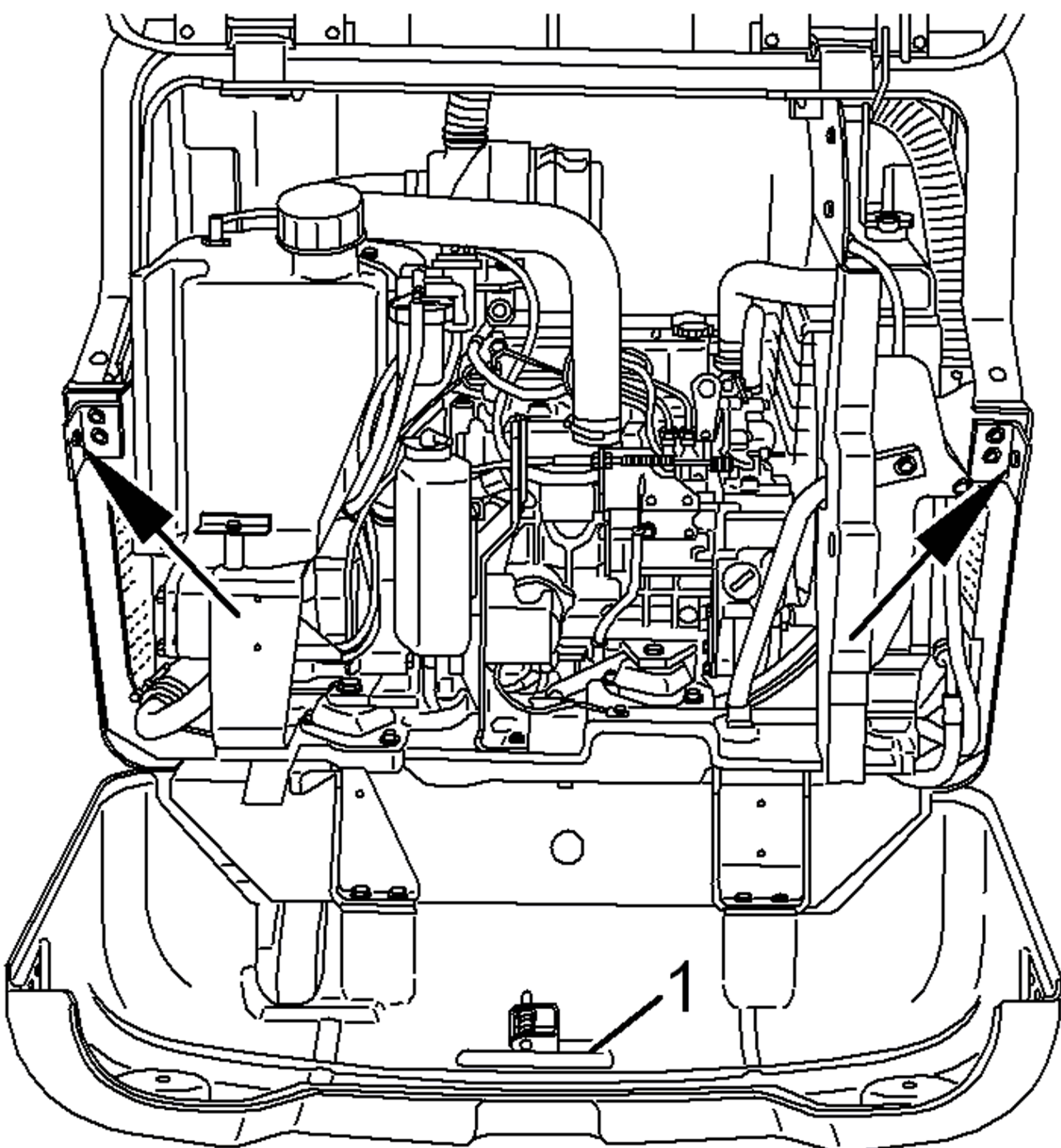
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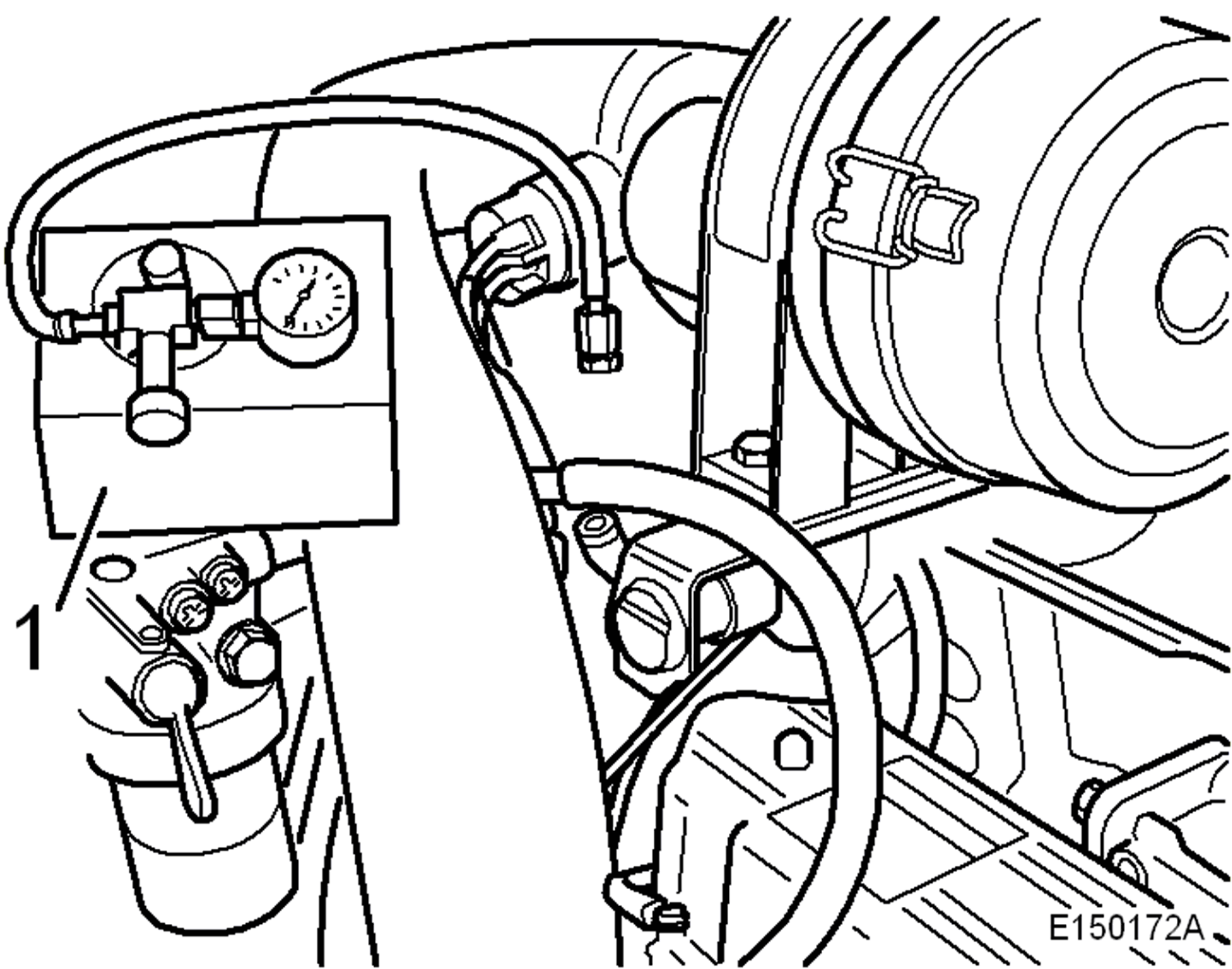
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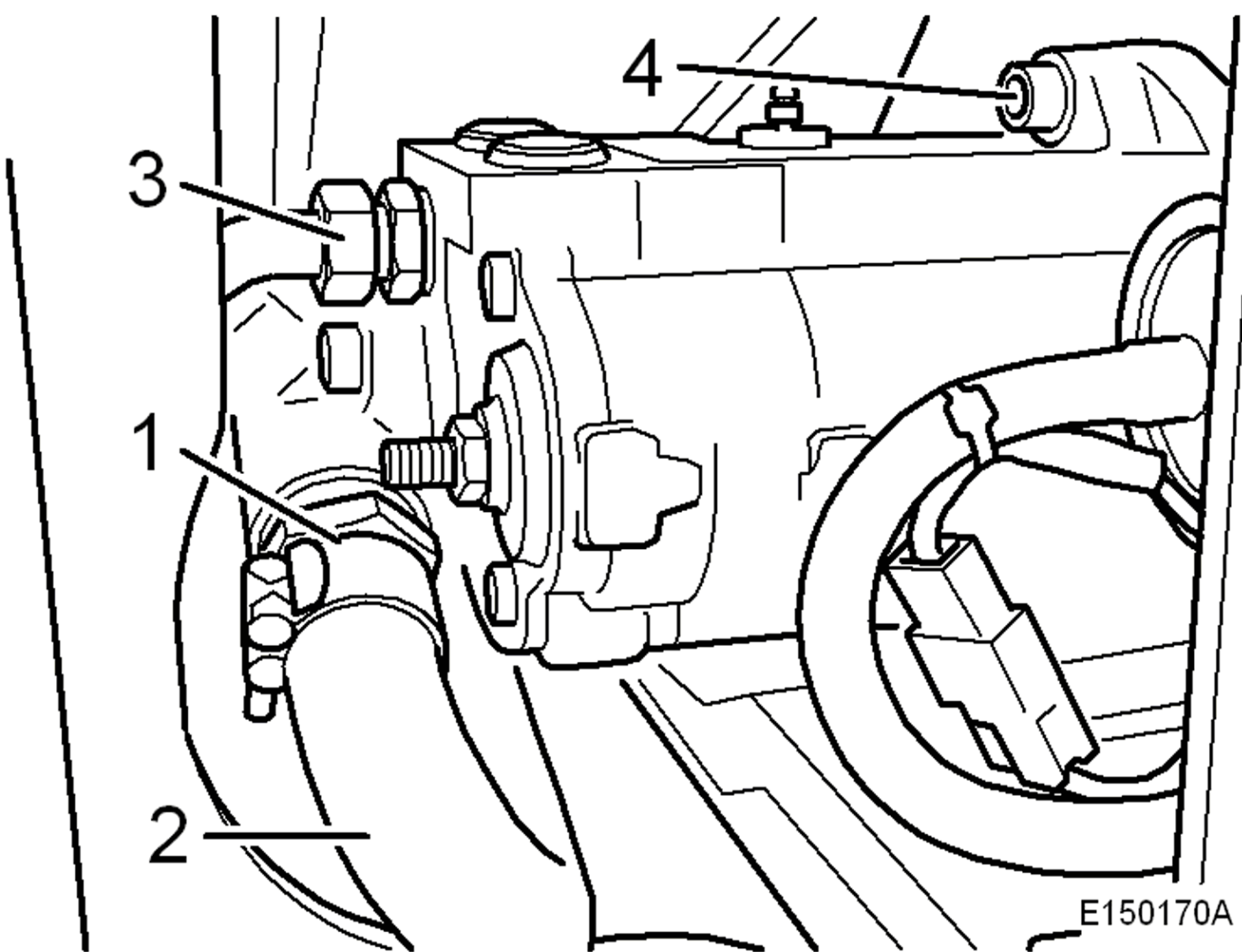


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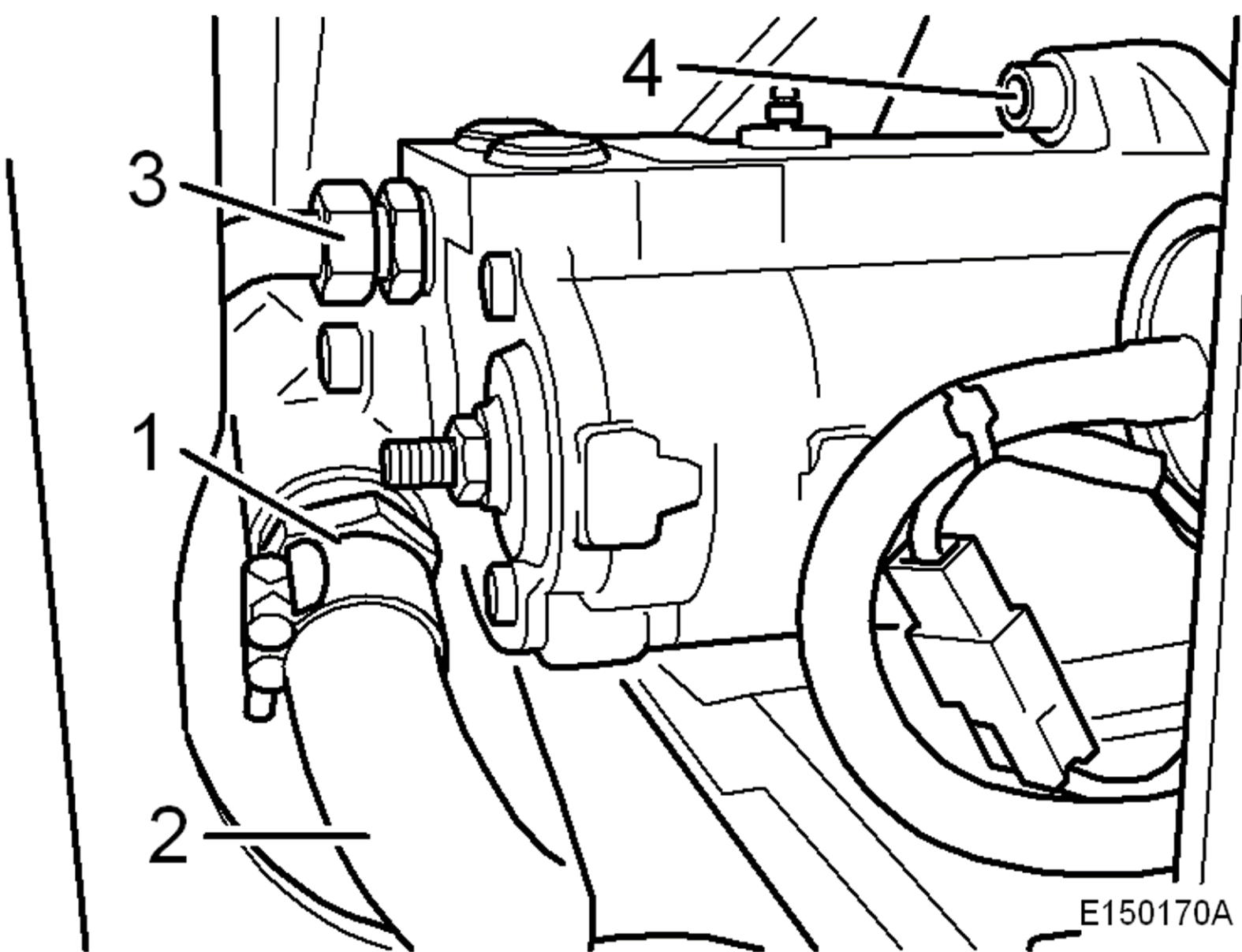


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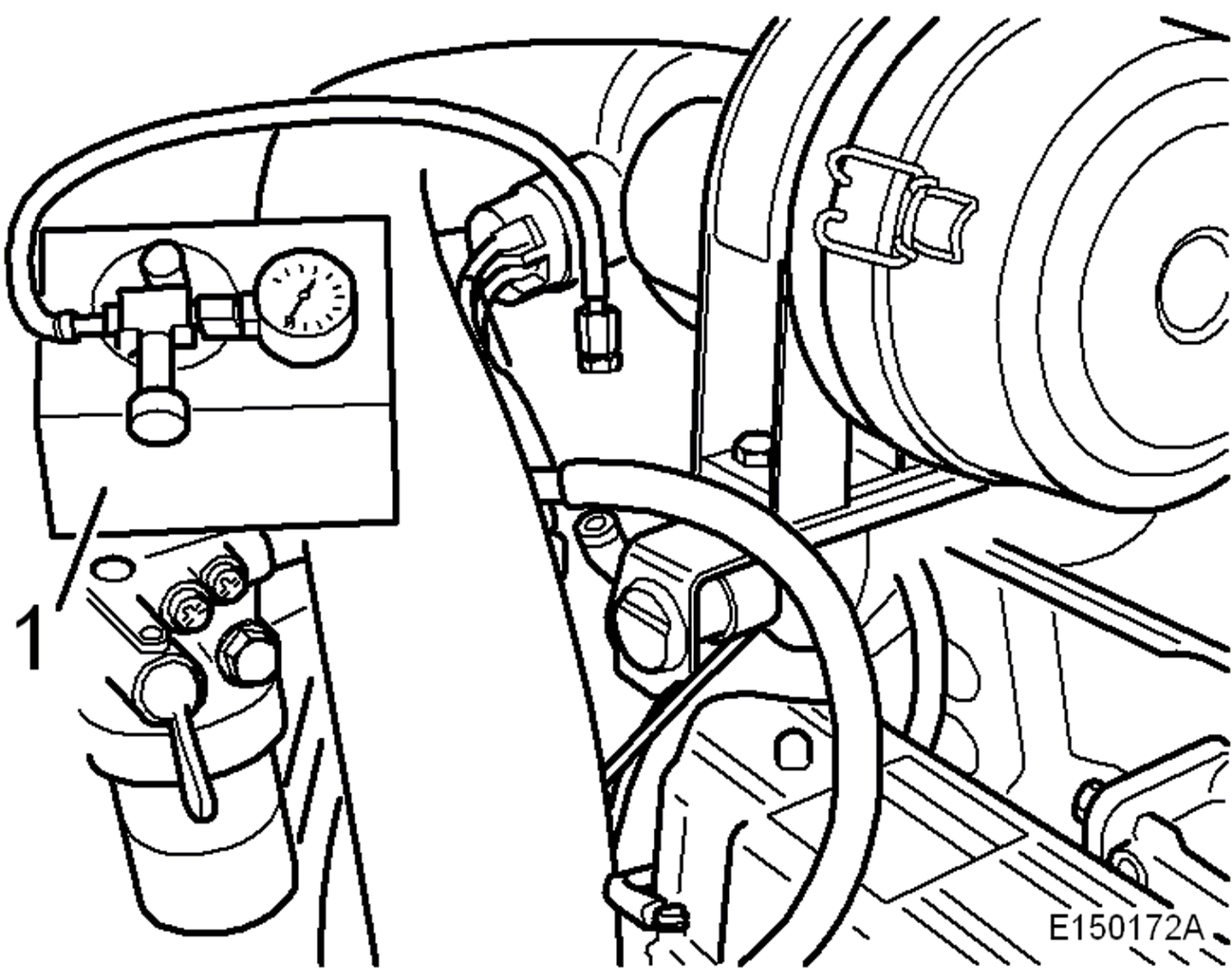




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Construction Equipment

PROSIS Service Information

Document Title : Hydraulic circuit of travel motors	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hydraulic circuit of travel motors

EC15B XT / EC20B XT

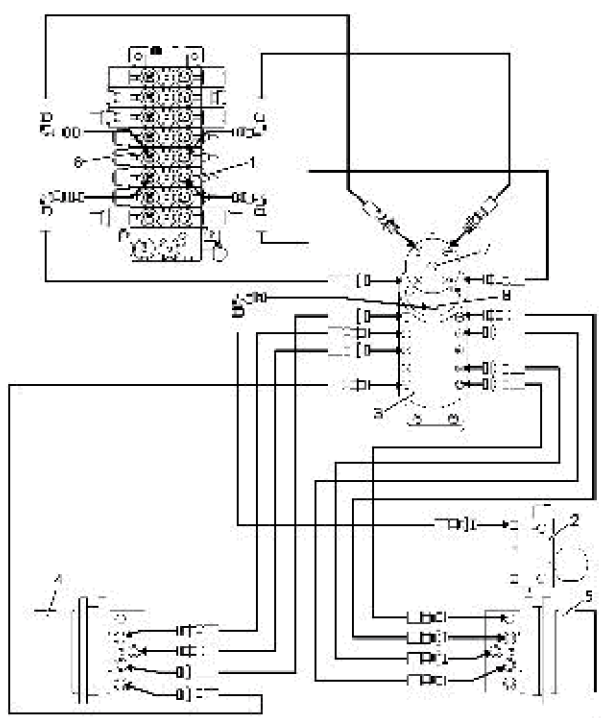
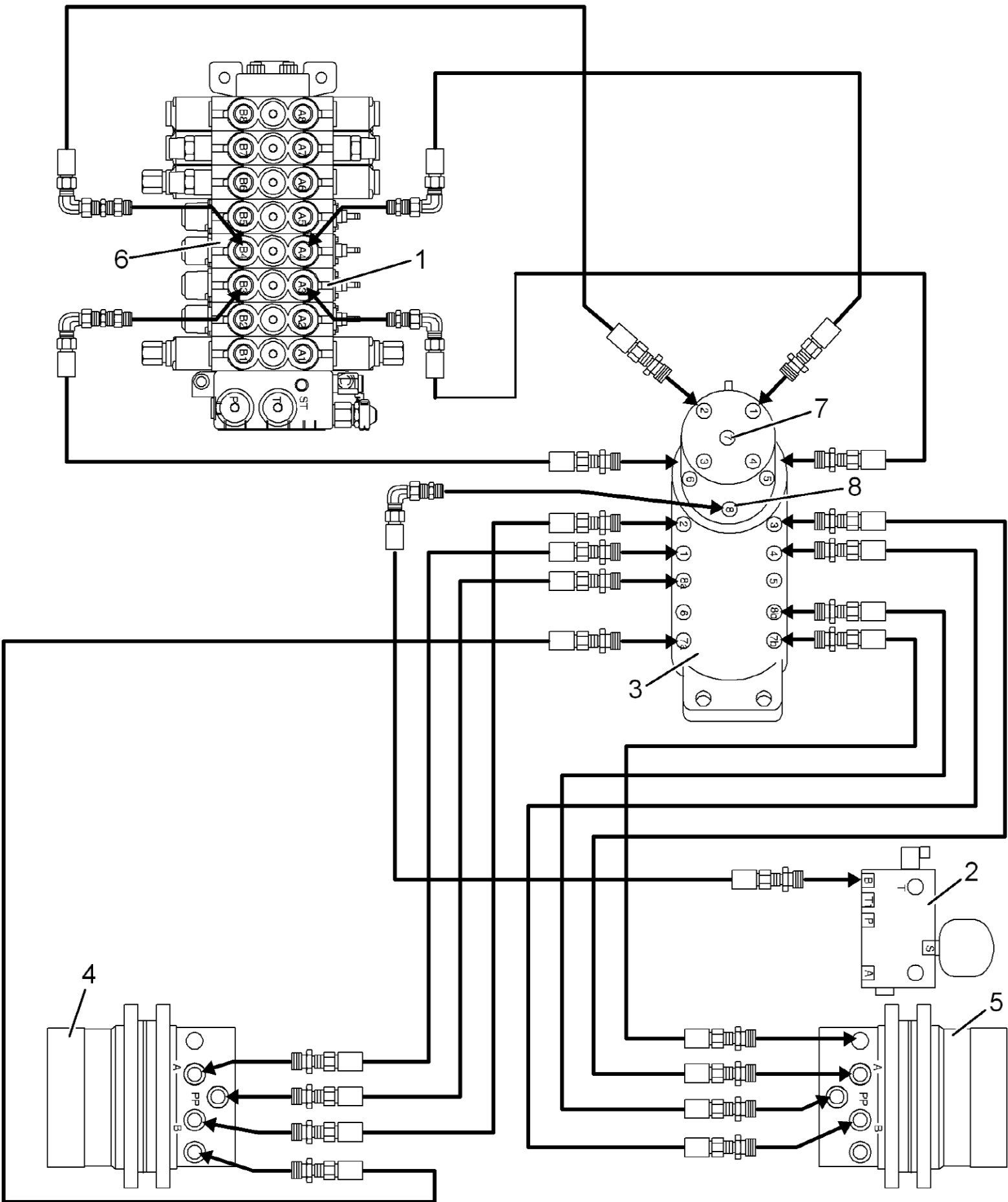


Figure 1

1. Control block element: Left hand travel control.
2. Power unit (servo controls)
3. Rotary oil distributor.
4. Hydraulic travel motor, left
5. Hydraulic travel motor, right
6. Control block element: Right hand travel control.
7. Tank return flow (7)
8. Port "B", solenoid high/low speed



VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Hydraulic circuit of travel motors	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hydraulic circuit of travel motors

EC15B XTV / EC20B XTV

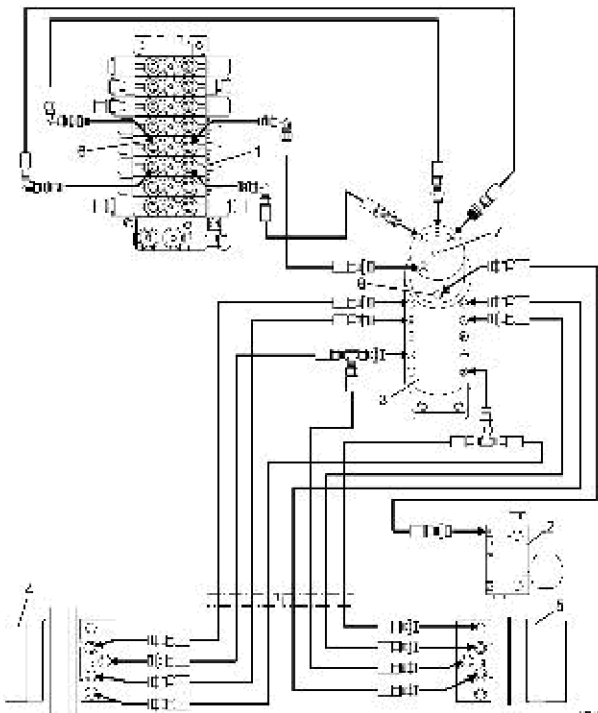
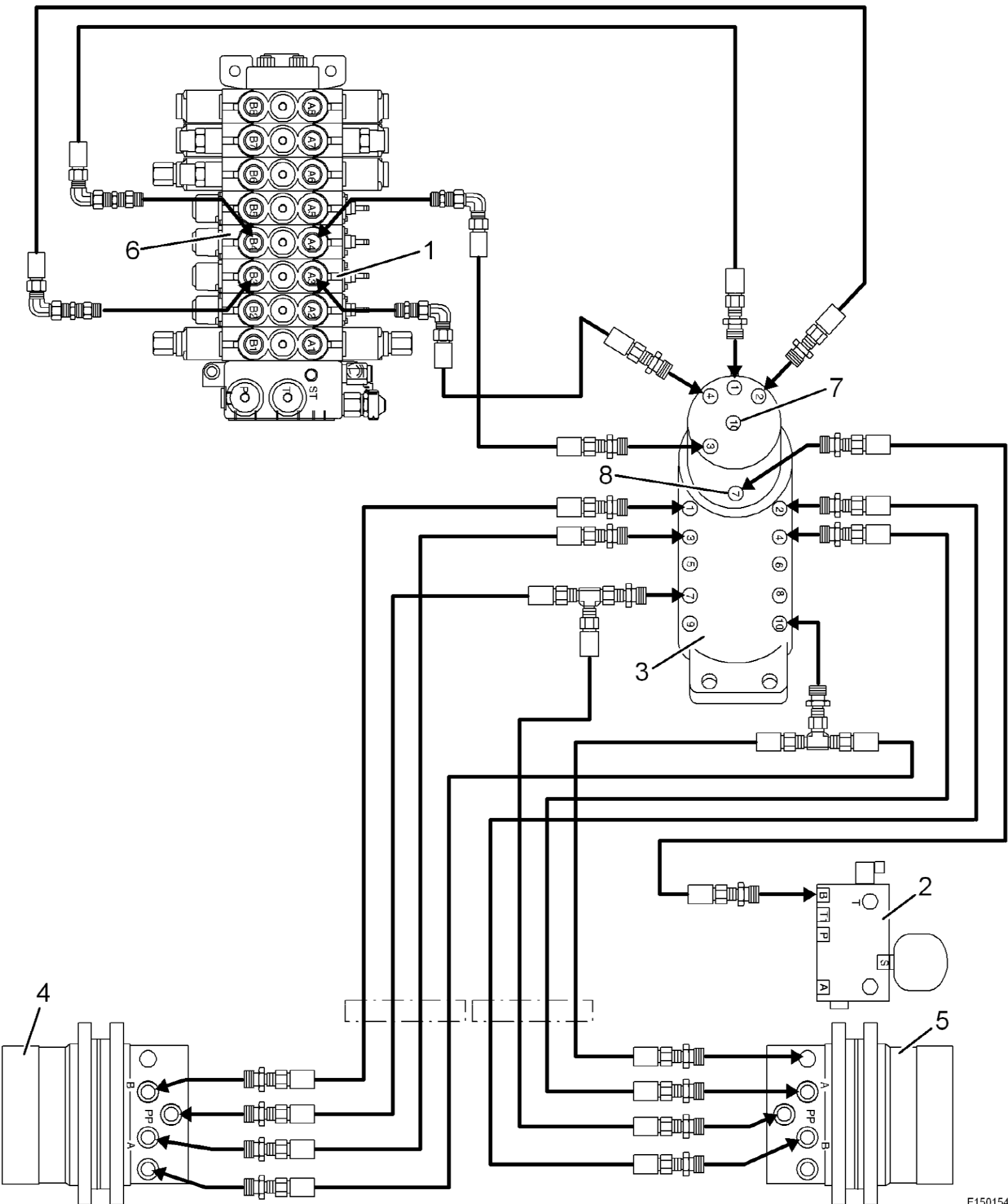


Figure 1

1. Control block element: Left hand travel control.
2. Power unit (servo controls)
3. Rotary oil distributor.
4. Hydraulic travel motor, left
5. Hydraulic travel motor, right
6. Control block element: Right hand travel control.
7. Tank return flow (10)
8. Port "B", solenoid high/low speed





Construction Equipment

PROSIS Service Information

Document Title : Hydraulic safety solenoid valve	Function Group : 9149	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hydraulic safety solenoid valve

Function

When the arm rest is in top position (9) switch (6) is in OFF-position and the electro-magnet (4) is not excited. The spool (3) closes the passage to port A and the hydraulic control elements are not supplied with auxiliary / pilot pressure. The valve spool blocks for control elements (boom, bucket, swing arm, slewing gear/offset) can therefore not be operated.

When the arm rest is in bottom position (8) switch (6) is in ON-position and the electro-magnet (4) is excited. The spool (3) opens the passage to port A and the hydraulic control elements are supplied with auxiliary / pilot pressure. The valve spool blocks for control elements (boom, bucket, swing arm, slewing gear/offset) can therefore be operated.

In case of an electrical fault spool (3) can be actuated by pressing pin (5), whereby the machine can be secured.



WARNING!

This applies solely for emergency situations. The fault must be corrected immediately, defective parts must be replaced. Work without hydraulic safety system is generally not permitted.

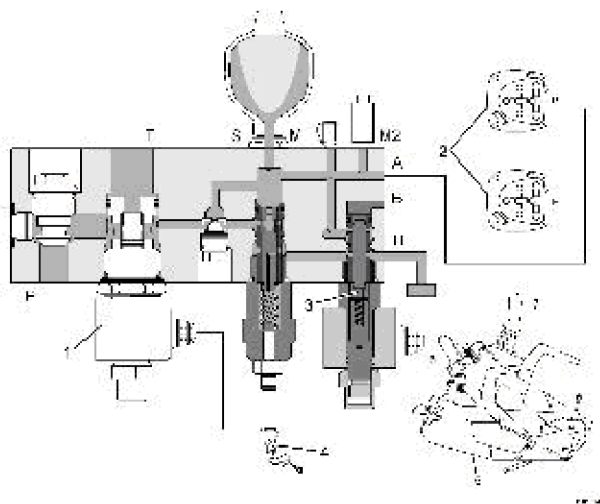


Figure 1

- 1 Hydraulic safety solenoid valve
- 2 Pilot control valve
- 3 Spool
- 4 Safety switch

- 5 Arm rest
- 6 Arm rest in bottom position
- 7 Arm rest in top position



Construction Equipment

PROSIS Service Information

Document Title : Solenoid valve for hydraulic working unit	Function Group : 9124	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Solenoid valve for hydraulic working unit

Solenoid valve for slewing gear / offset

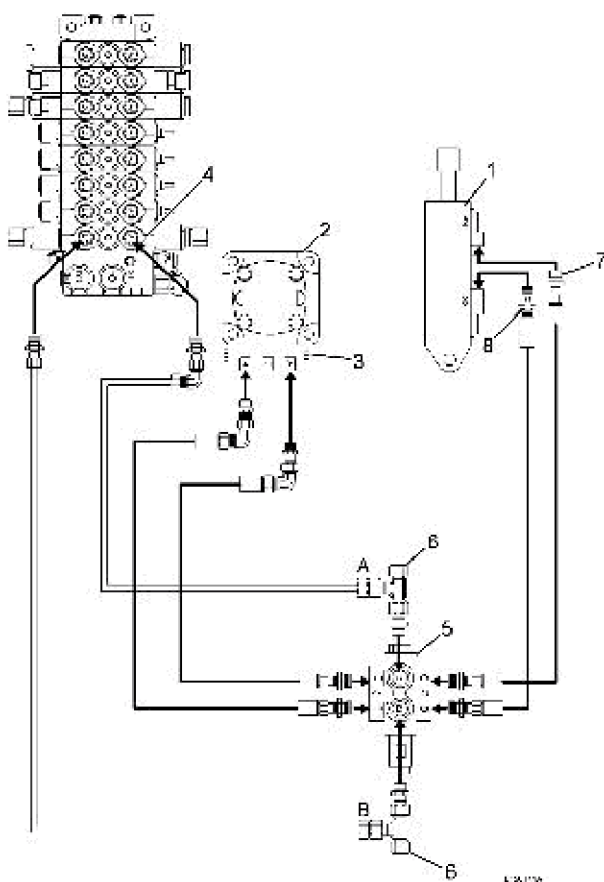


Figure 1

- | | |
|--|--|
| 1 Offset cylinder | 5 Solenoid valve for slewing gear - offset |
| 2 Hydraulic slewing gear motor | 6 Pressure test port |
| 3 Control valve for slewing gear / crossover valve | 7 Piston rod side (retract cylinder) |
| 4 Control element / slewing gear - offset cylinder | 8 Piston side (extend cylinder) |

Function

The offset cylinder is controlled by the left-hand control lever, similar to the slewing movement. Operation of the button "Slewing or Offset" changes the function of the control lever, as follows:
Operation "Offset attachment" or "Slewing movement chassis".

"A" solenoid valve (5) dead.
Connection from A to E

Connection from B to F

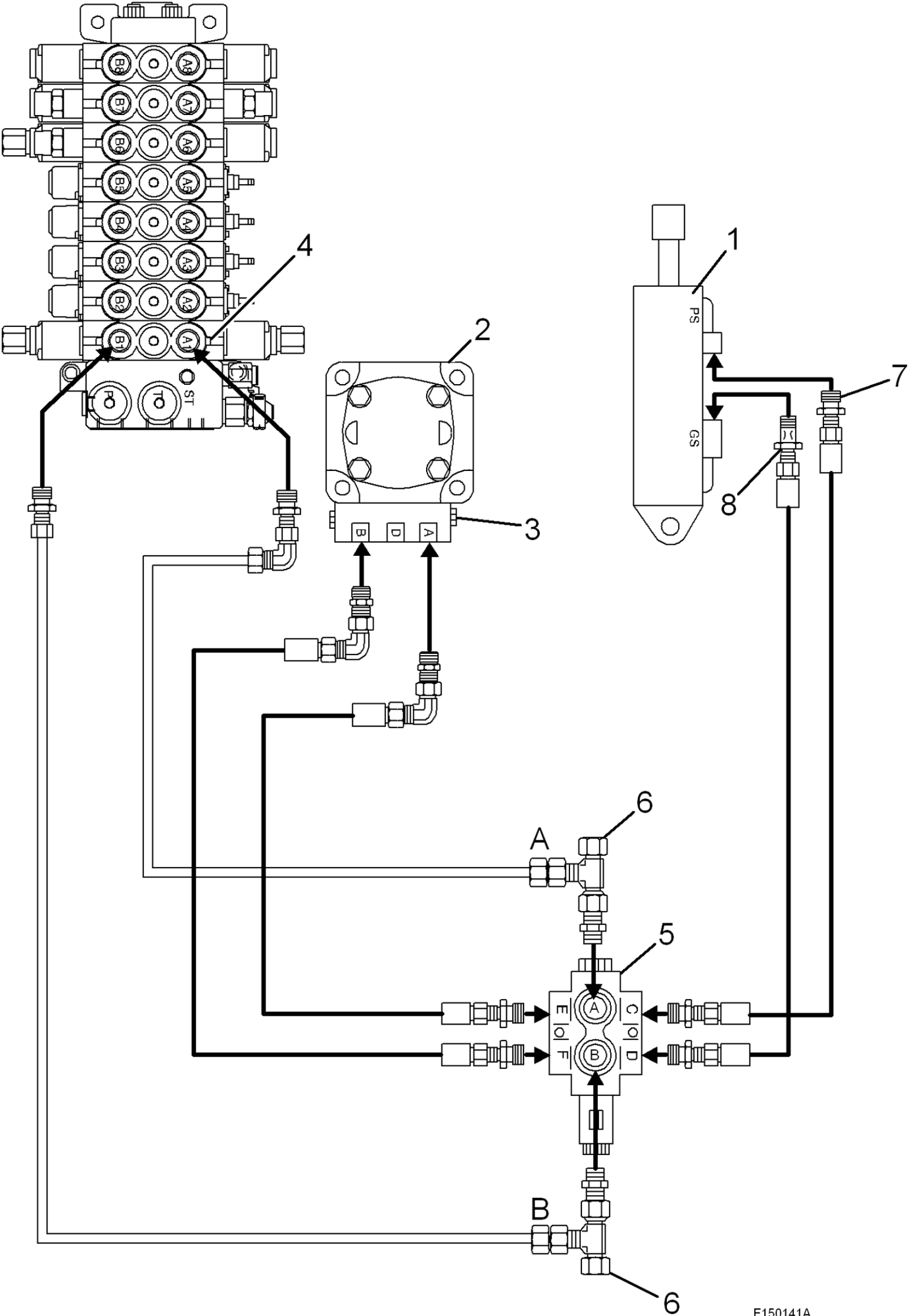
"Operation of the hydraulic slewing gear motor".

"B" solenoid valve (5) live (>9 Volt)

Connection from A to D

Connection from B to C

"Operation of offset cylinder".





Construction Equipment

PROSIS Service Information

Document Title : Balancing valve (offset cylinder)	Function Group : 9124	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Balancing valve (offset cylinder)

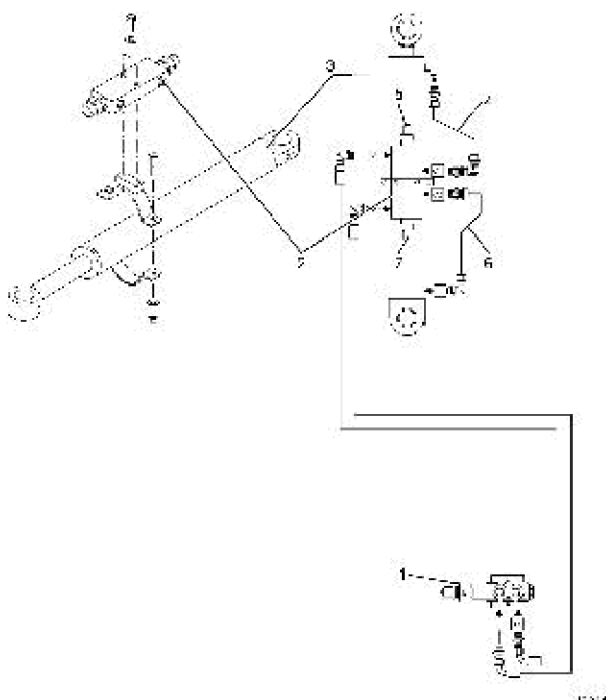
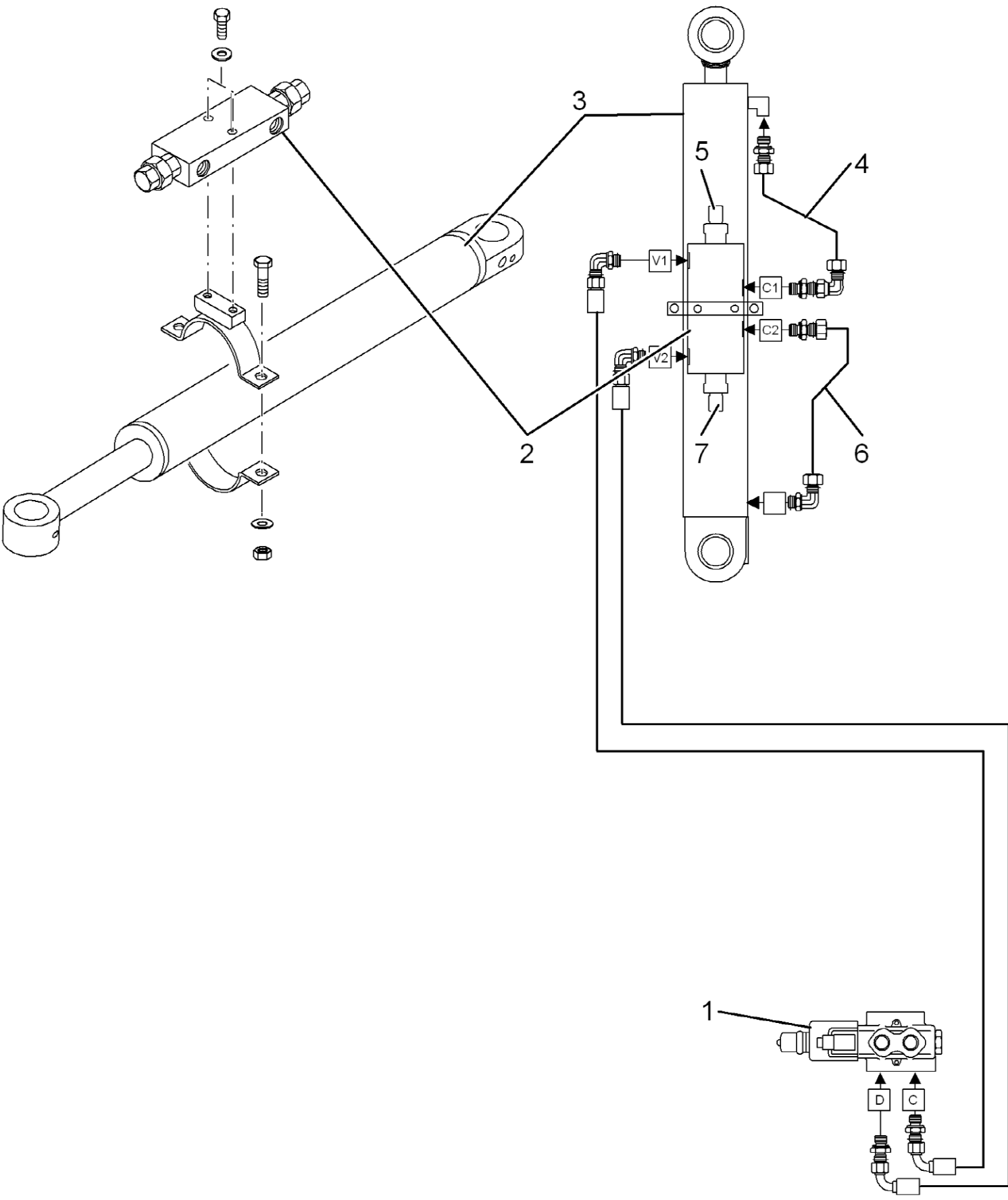


Figure 1

1. Solenoid valve for slewing gear / offset
2. Balancing valve
3. Offset cylinder
4. Line piston rod side
5. Safety valve piston rod side
6. Line piston side
7. Safety valve piston side



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Construction Equipment

PROSIS Service Information

Document Title : Balancing valve (offset cylinder) Test and adjustment procedure	Function Group : 9124	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Balancing valve (offset cylinder) Test and adjustment procedure

Measurement

If the offset cylinder extends/retracts during work, safety valves 5 and 7 must be checked and, if necessary, adjusted.

Test

Disconnect hose (4) on piston rod side from the balancing valve (2).
Connect hand pump (1) with pressure gauge (3) and build up pressure. At 350 bar the pressure should not increase any further.

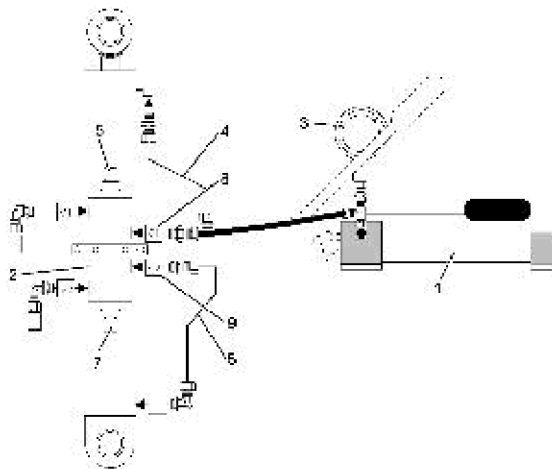


Figure 1

- | | |
|--------------------------------|----------------------------|
| 1 Hand pump | 6 Line piston side |
| 2 Balancing valve | 7 Safety valve piston side |
| 3 Pressure gauge | 8 Piston rod |
| 4 Line piston rod side | 9 Piston end |
| 5 Safety valve piston rod side | |

Adjustment

Take the cap off safety valve (5) and turn the screw clockwise to increase the pressure and anti-clockwise to reduce the pressure.

For testing loosen hose 6 on safety valve 7 and continue as described before.

NOTE The testing and adjustment procedure for the safety valves (5 and 7) is identical.

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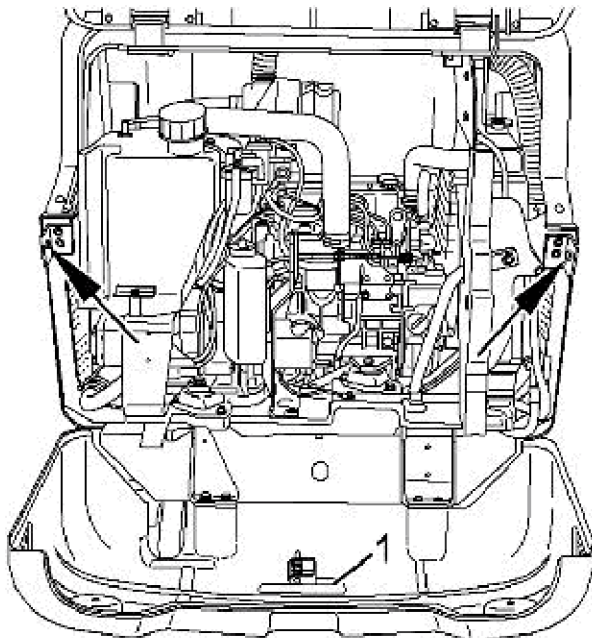
Construction Equipment

PROSIS Service Information

Document Title : Removing the hydraulic pump (EC15B)	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Removing the hydraulic pump (EC15B)

Op nbr

[14360000 Vacuum pump](#)

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Figure 1

- Unscrew both screws (arrows) on both sides of the counterweight.
- Pull safety lever (1) and move the counterweight to bottom position.

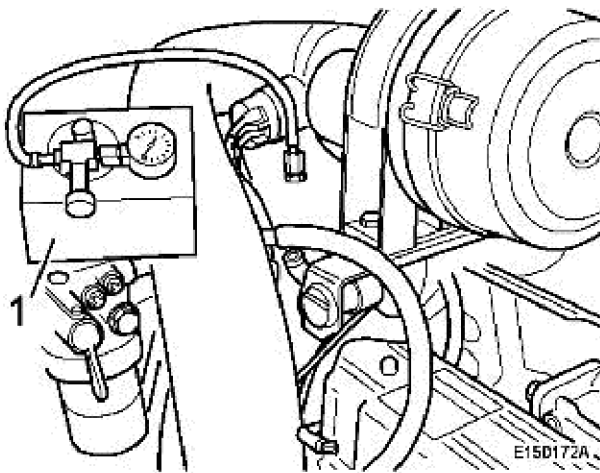


Figure 2

- Remove the breather and install vacuum pump (1).

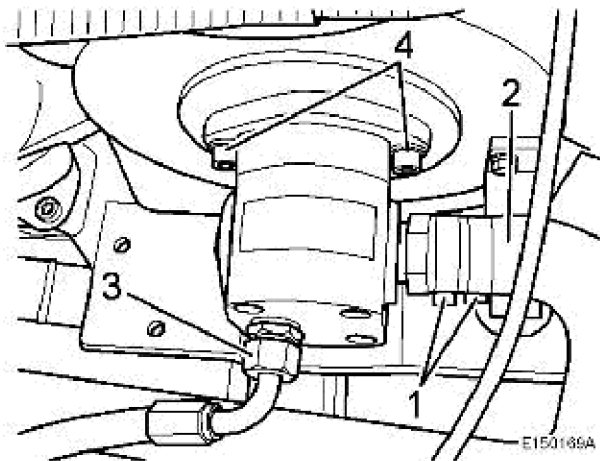


Figure 3

- Loosen hose clamps (1), remove suction line (2) and close the opening of the suction line with a plug.
- Unscrew hydraulic line (3) and close with plug.
- Unscrew fastening screws (4) and remove the hydraulic pump.

NOTE Check splines on coupling for wear, replace if necessary.

Installing the hydraulic pump

Op nbr

[14360000 Vacuum pump](#)

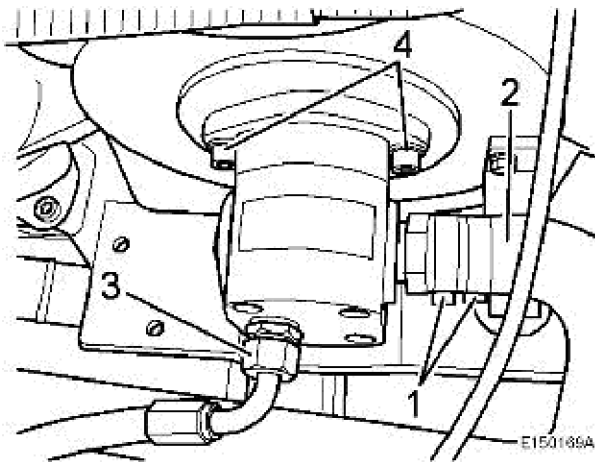


Figure 4

- Clean mounting surface on flange.
- Assemble the hydraulic pump, turn in both screws (4) and tighten with 60 ± 10 Nm.

NOTE Remove all plugs before connecting the hydraulic lines.

- Connect hydraulic line (3), align it correctly and tighten with 35 Nm.
- Assemble suction line (2) and tighten both hose clamps (1).

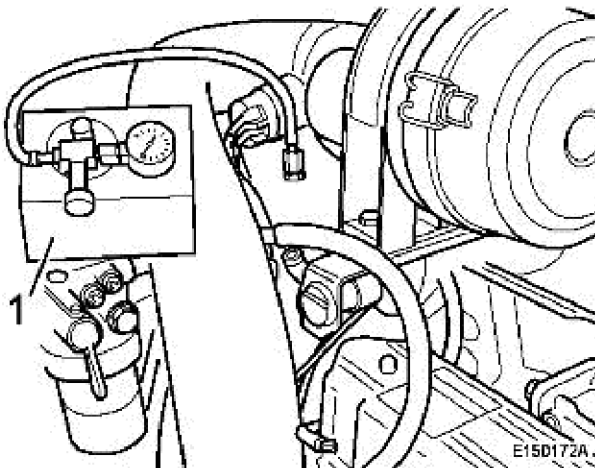


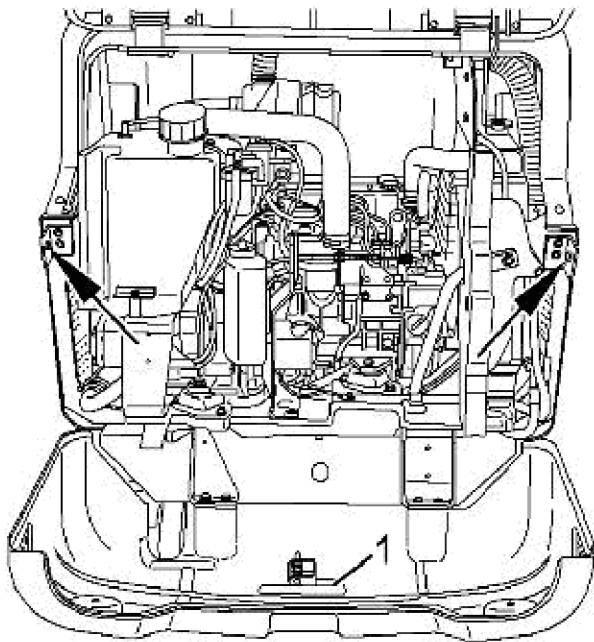
Figure 5

- Remove vacuum pump (1) and check the hydraulic oil level, top up if necessary.
- Start the engine, check machine functions and leak tightness, fill up oil if necessary.
- Lift the counterweight up and fasten with the screws.

Removing the hydraulic pump (EC20B)

Op nbr

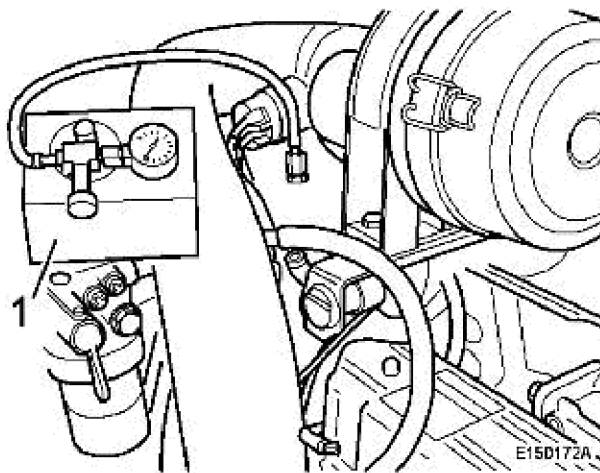
[14360000 Vacuum pump](#)



E150055A

Figure 6

- Unscrew both screws (arrows) on both sides of the counterweight.
- Pull safety lever (1) and move the counterweight to bottom position.



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Figure 7

- Remove the breather and install vacuum pump (1).

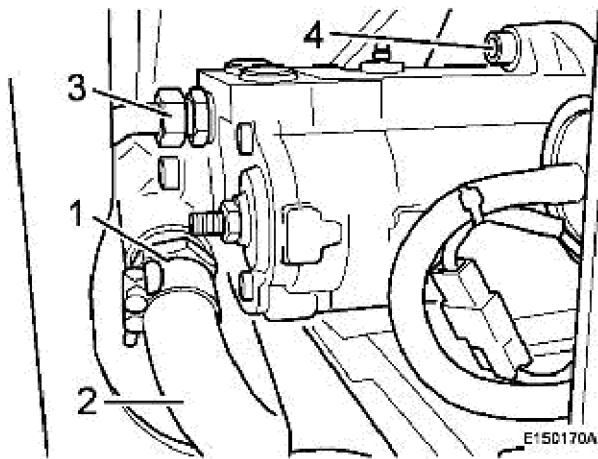


Figure 8

- Loosen hose clamp (1), remove suction line (2) and close the opening of the suction line with a plug.
- Unscrew hydraulic line (3) and close with plug.
- Unscrew fastening screws (4) and remove the hydraulic pump.

NOTE Check splines on coupling for wear, replace if necessary.

Installing the hydraulic pump

Op nbr

[14360000 Vacuum pump](#)

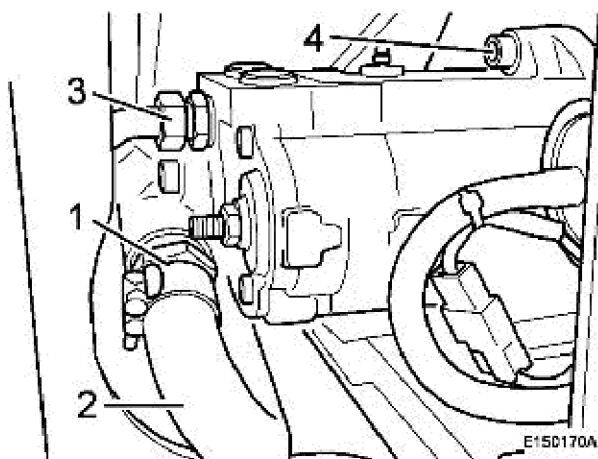


Figure 9

- Clean mounting surface on flange.
- Assemble the hydraulic pump, turn in both screws (4) and tighten with 60 ± 10 Nm.

NOTE Remove all plugs before connecting the hydraulic lines.

- Connect hydraulic line (3), align it correctly and tighten with 35 Nm.
- Assemble suction line (2) and tighten both hose clamps (1).

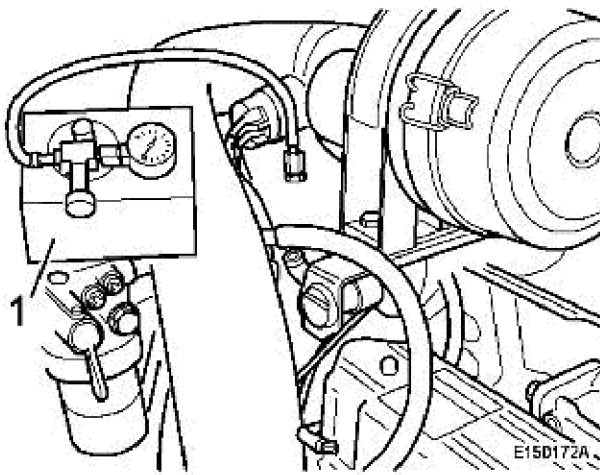
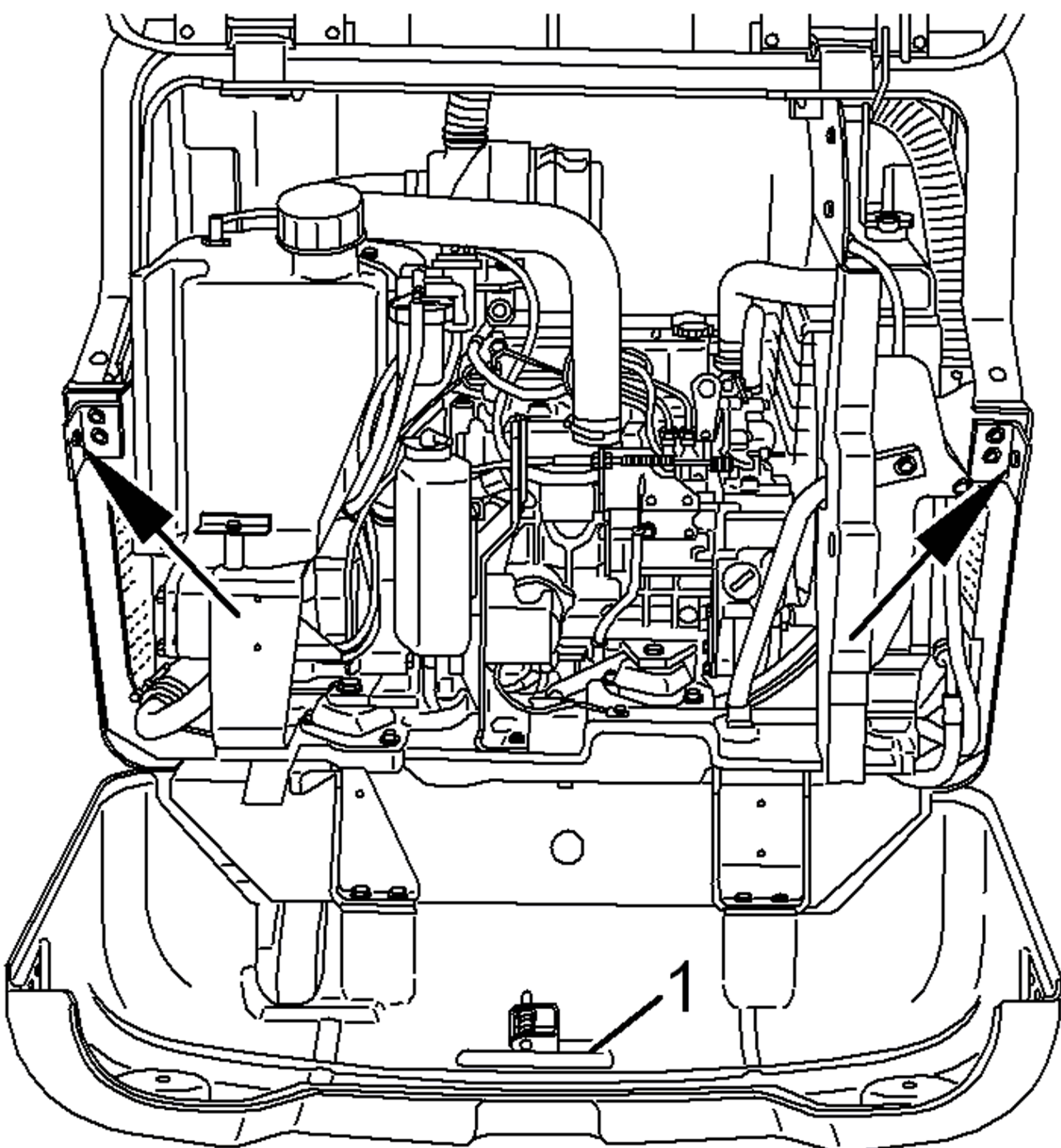
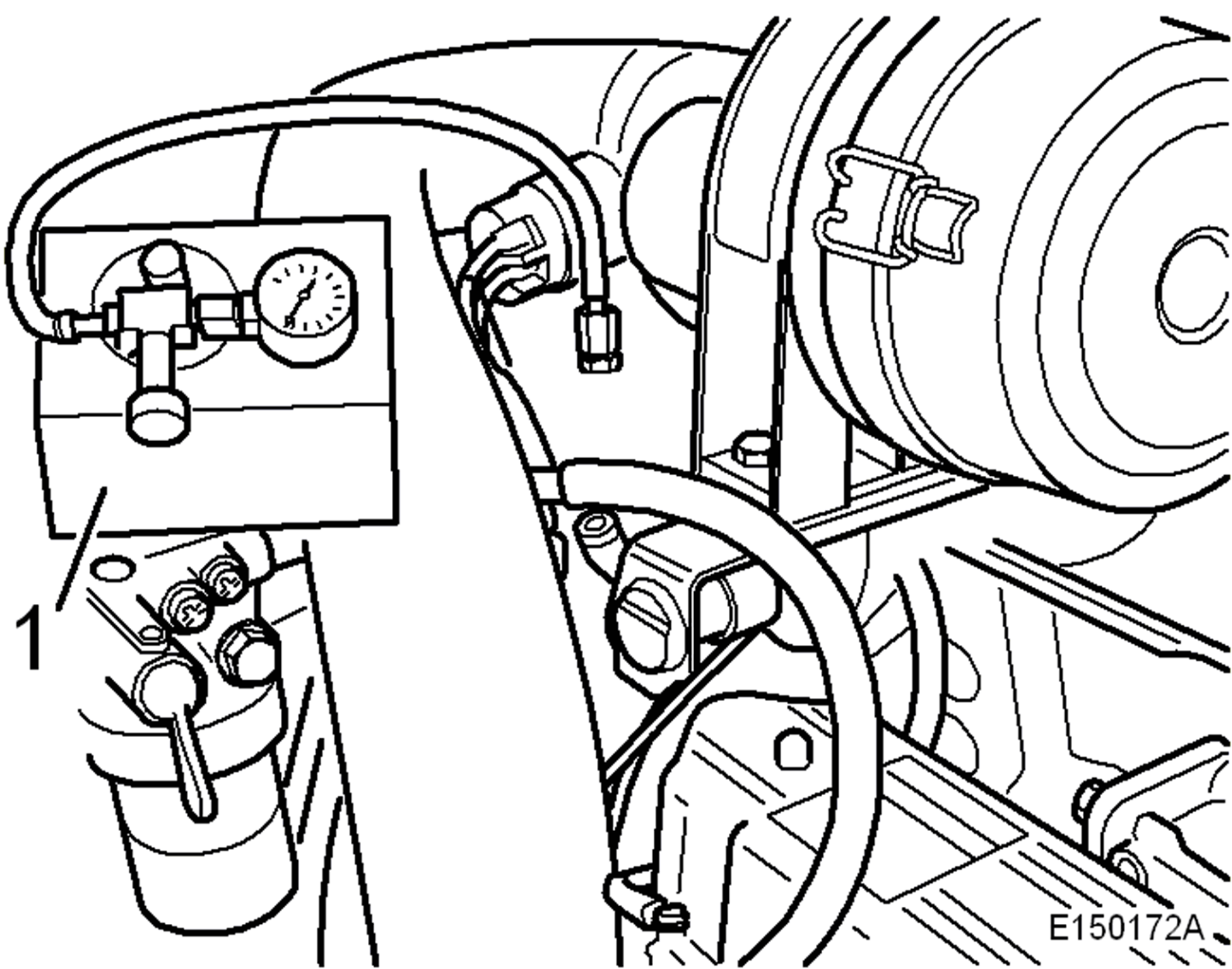


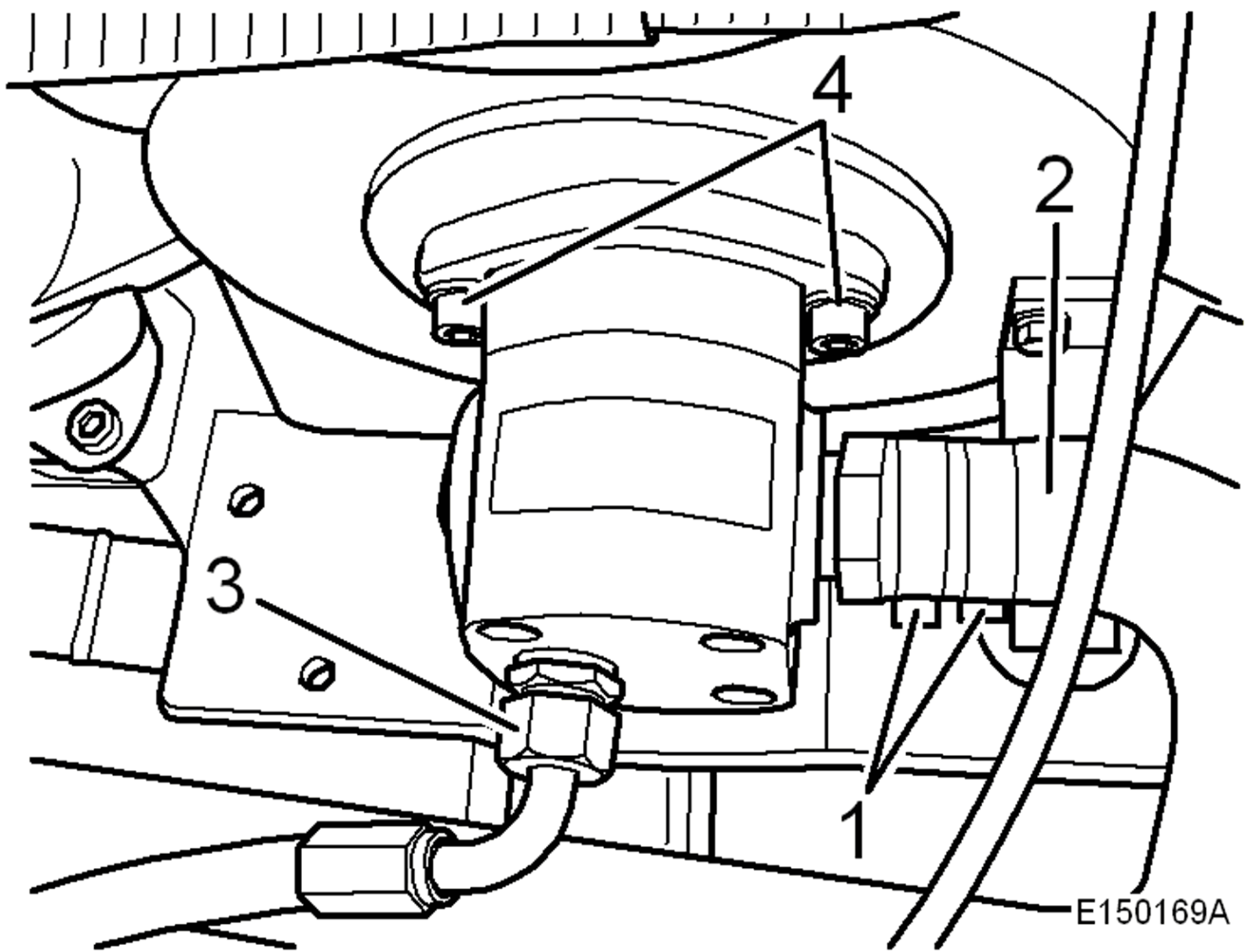
Figure 10

- Remove vacuum pump (1) and check the hydraulic oil level, top up if necessary.
- Start the engine, check machine functions and leak tightness, fill up oil if necessary.
- Adjusting the pump, see ([See further](#)).
- Lift the counterweight up and fasten with the screws.

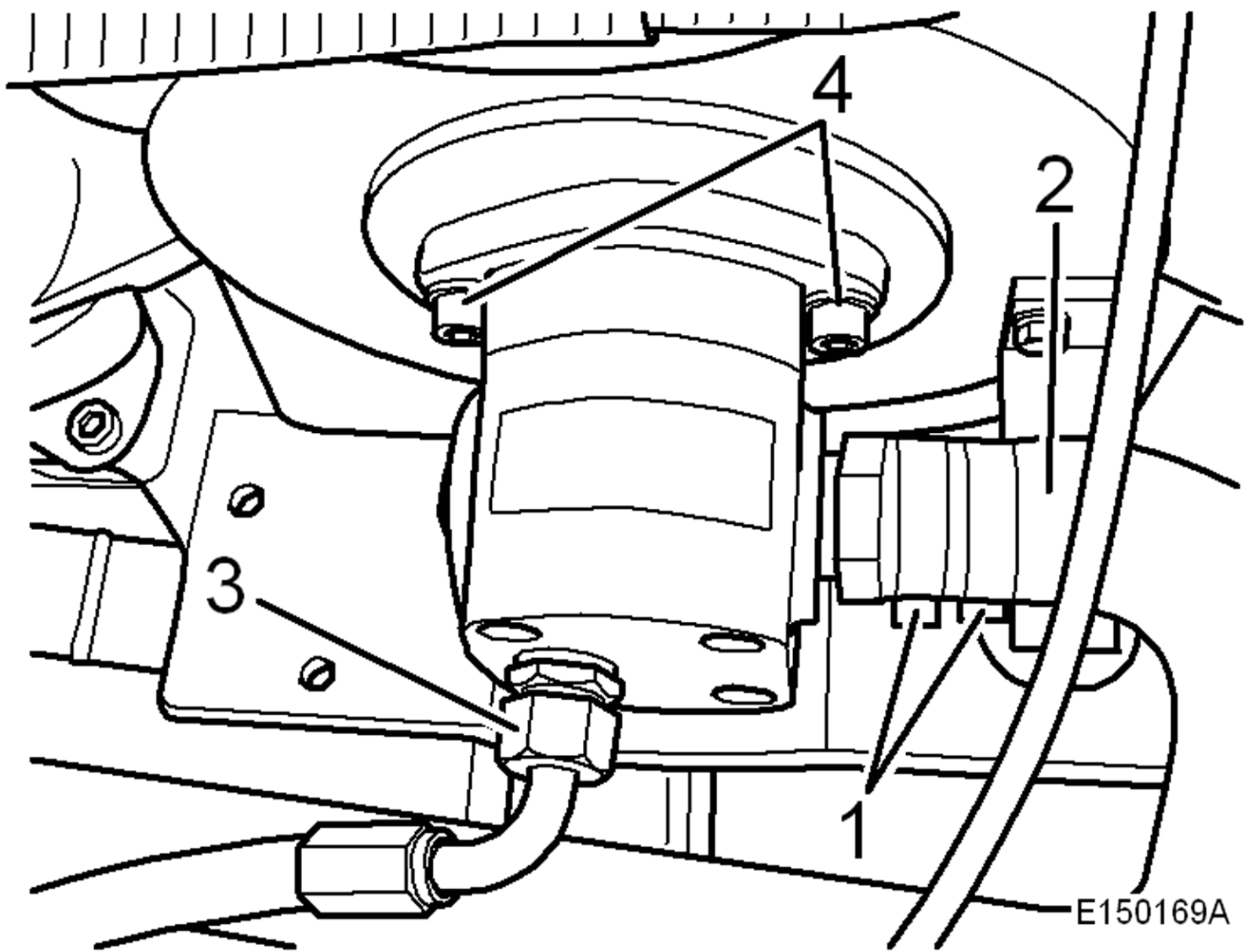


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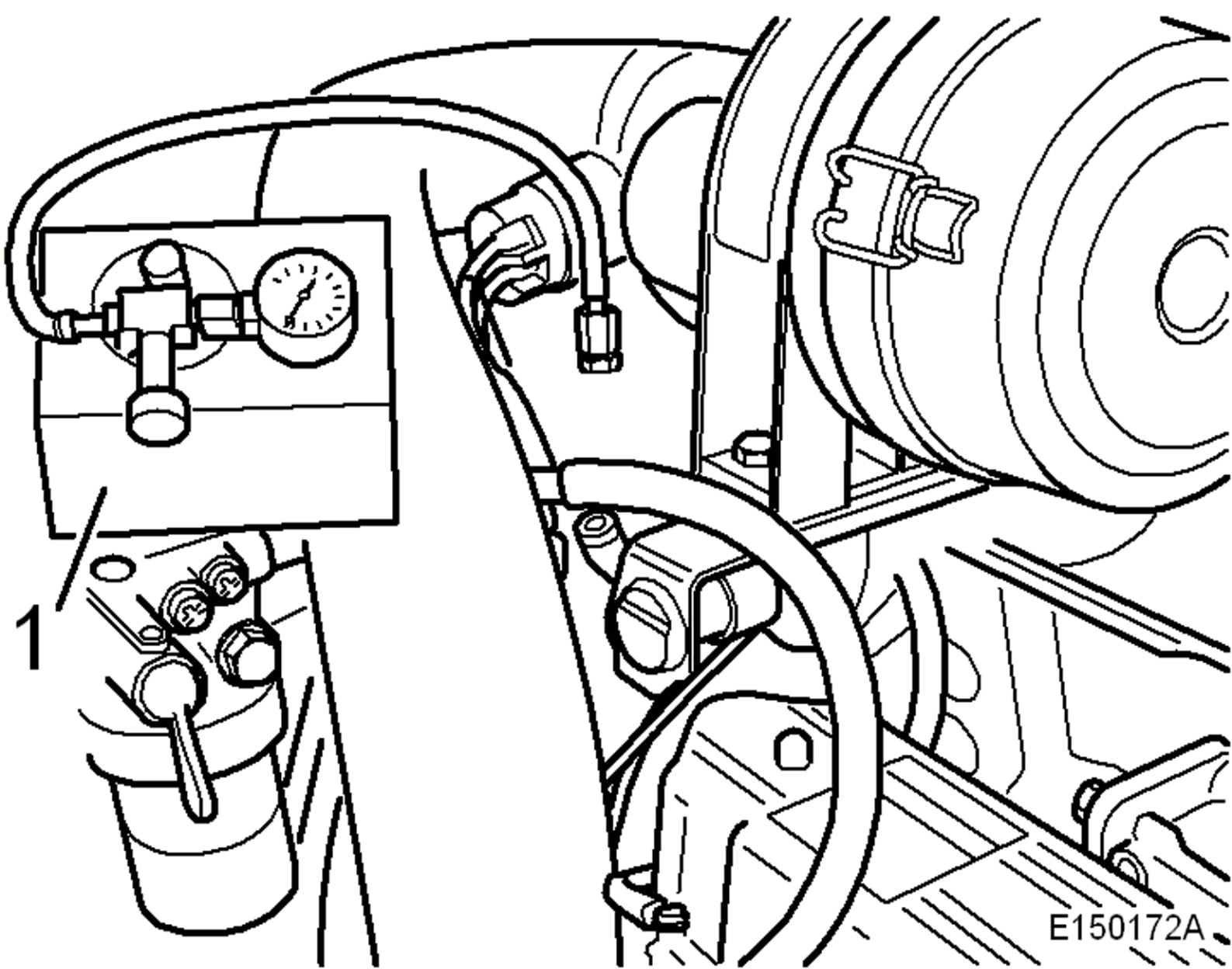




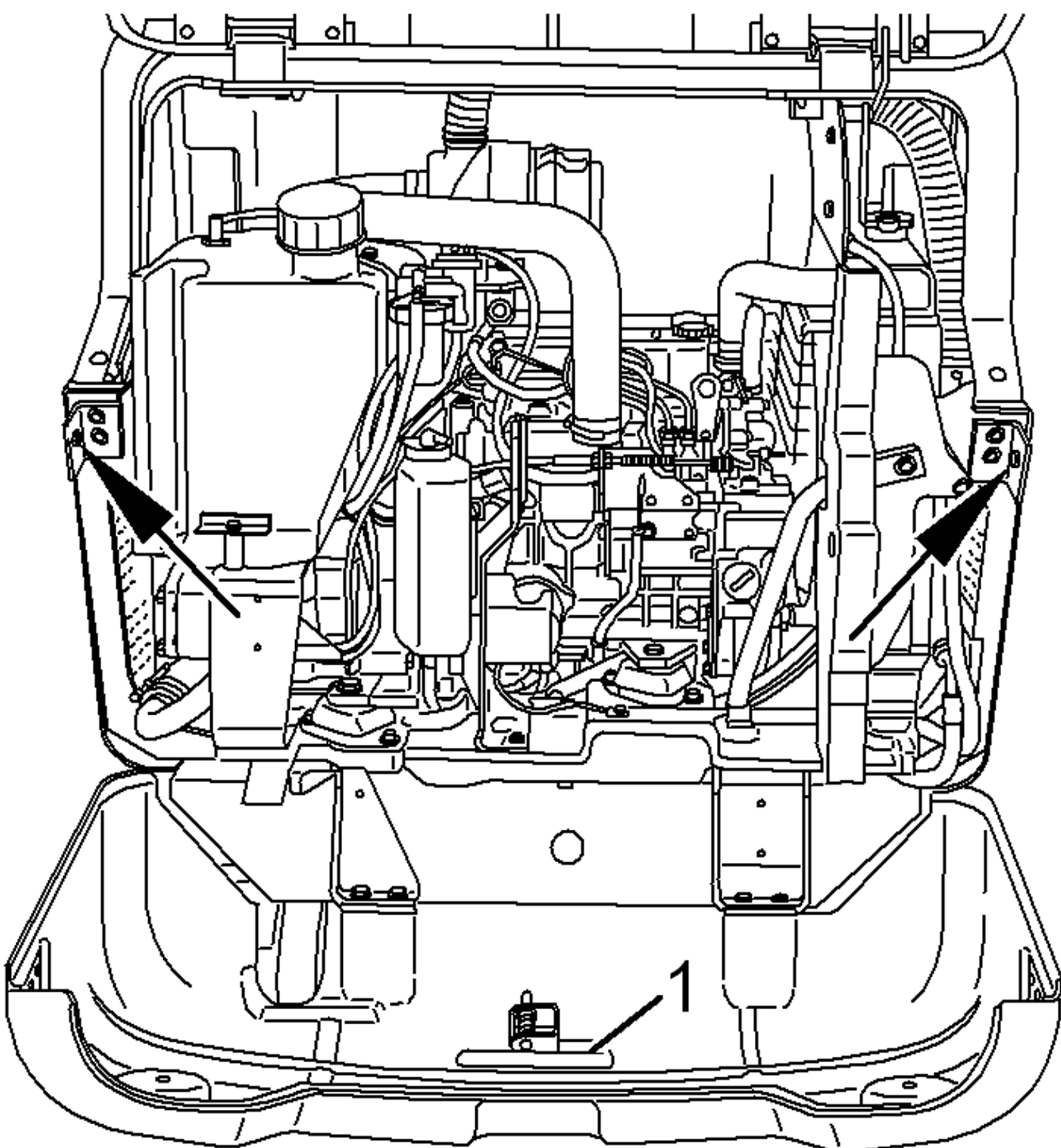
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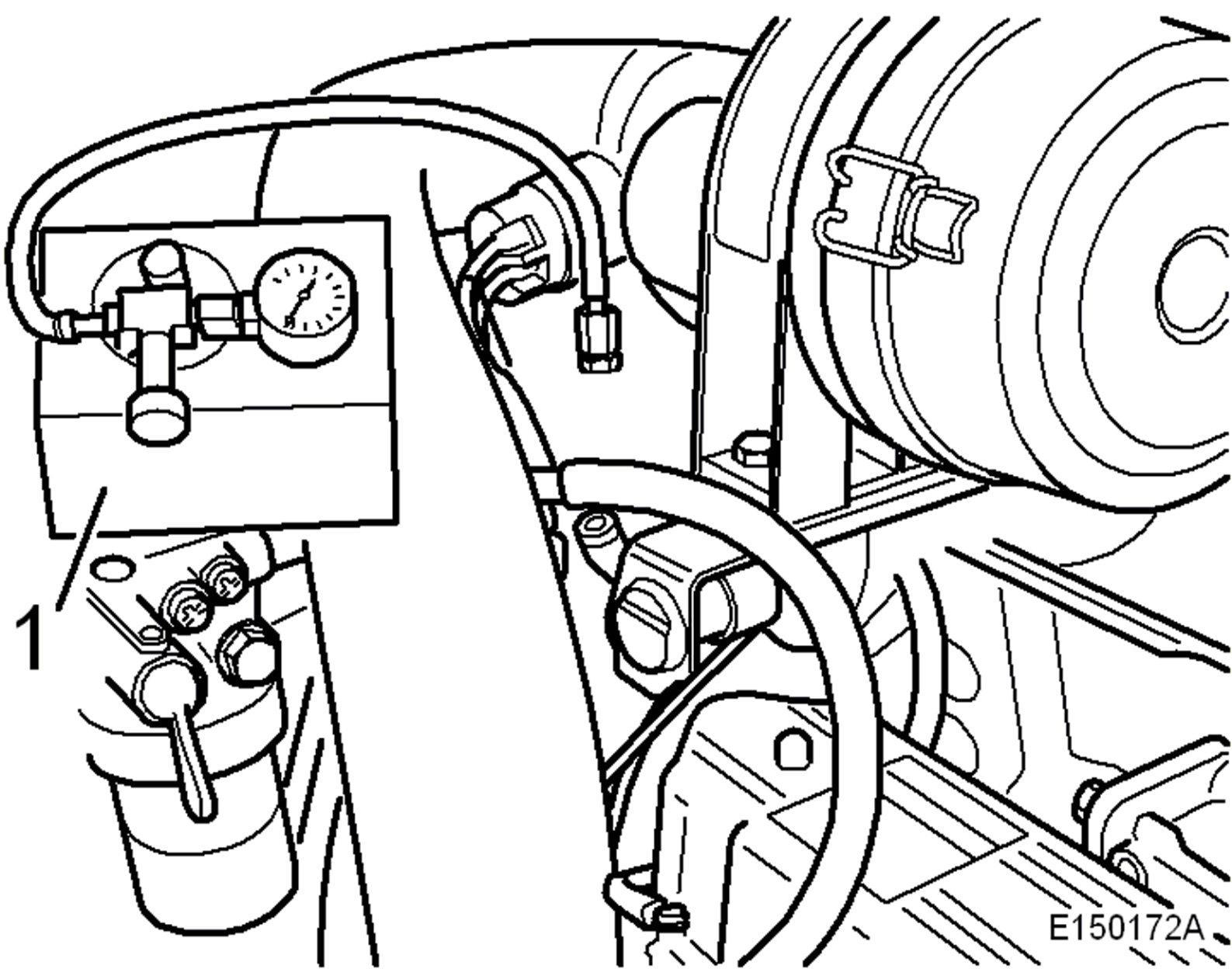
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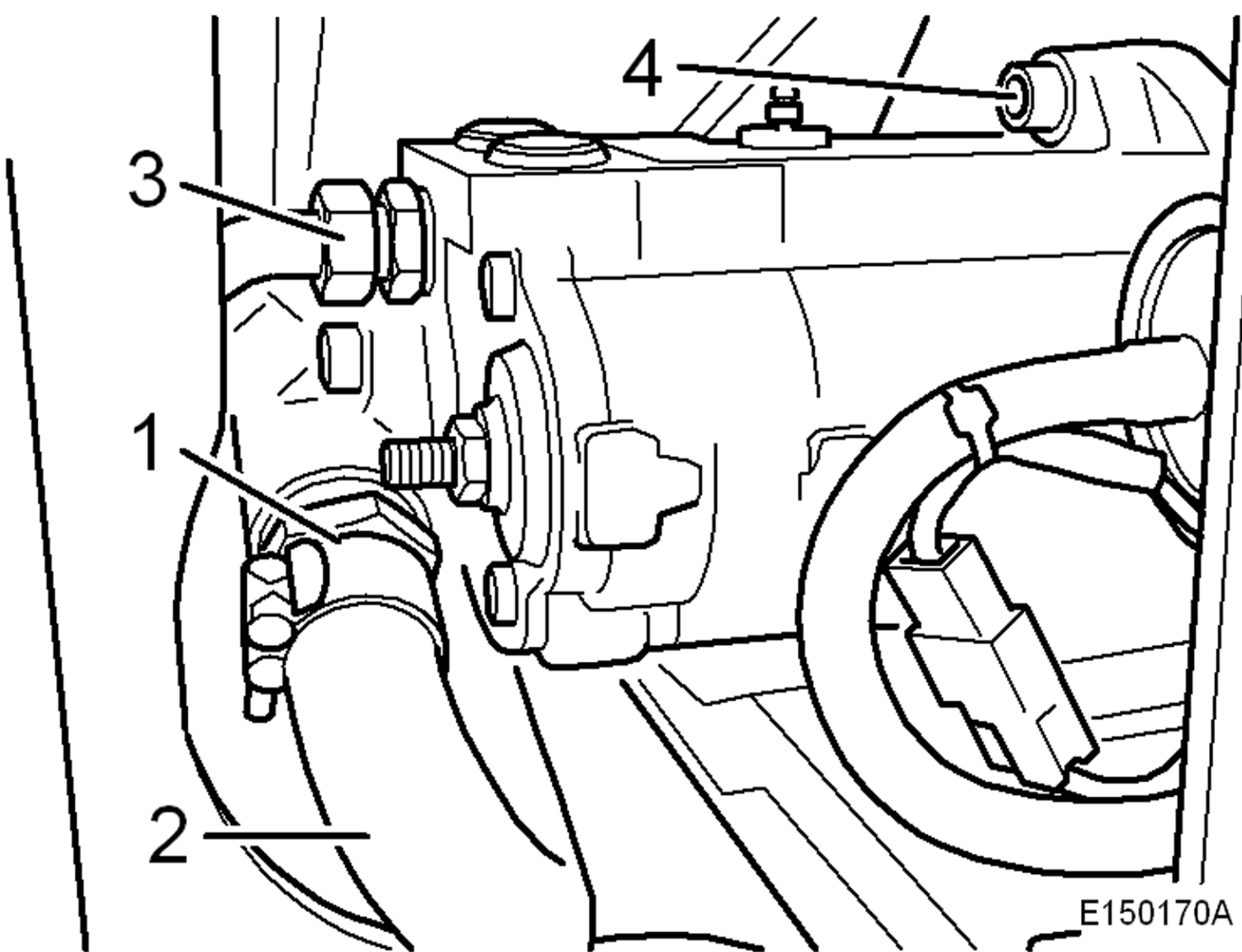


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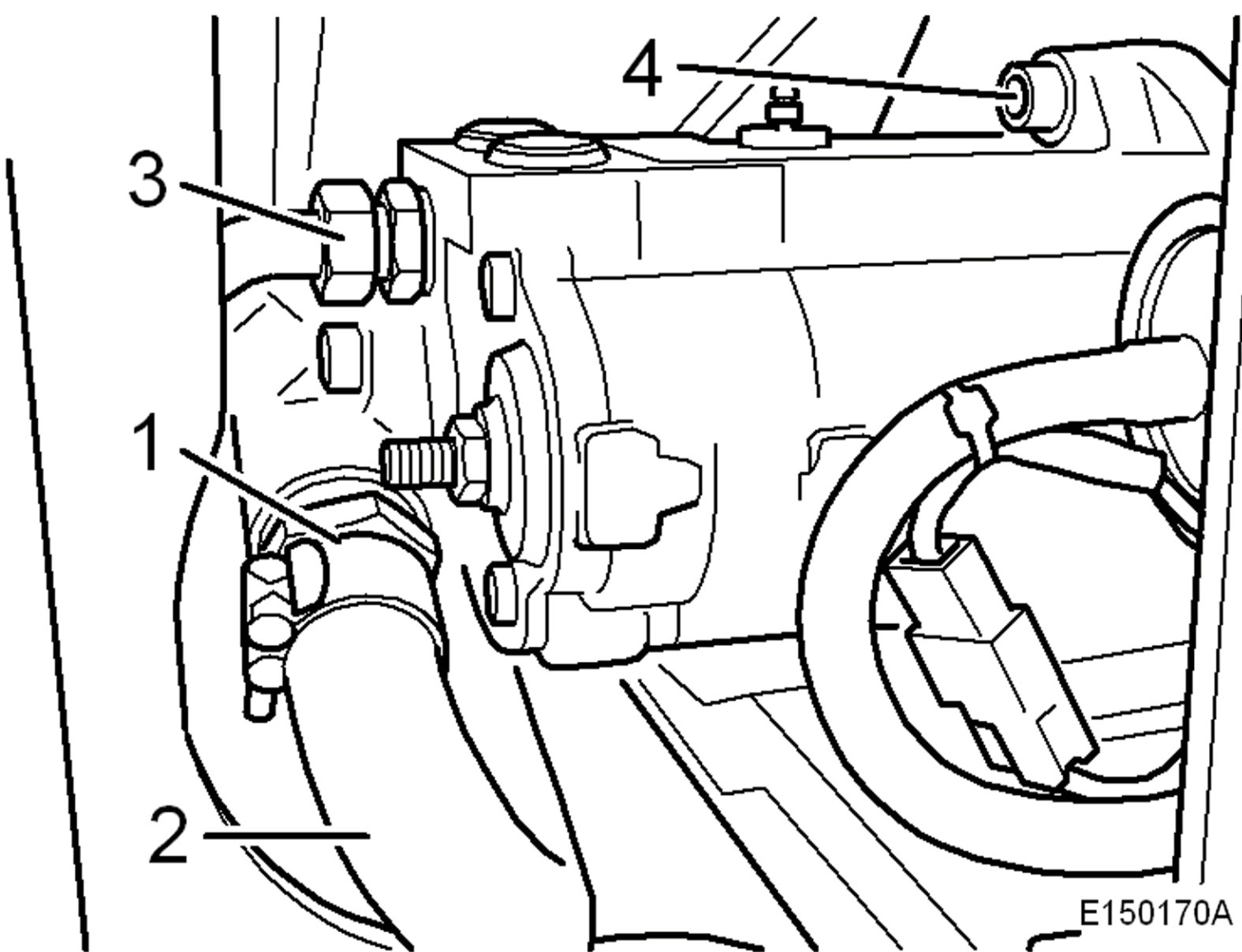


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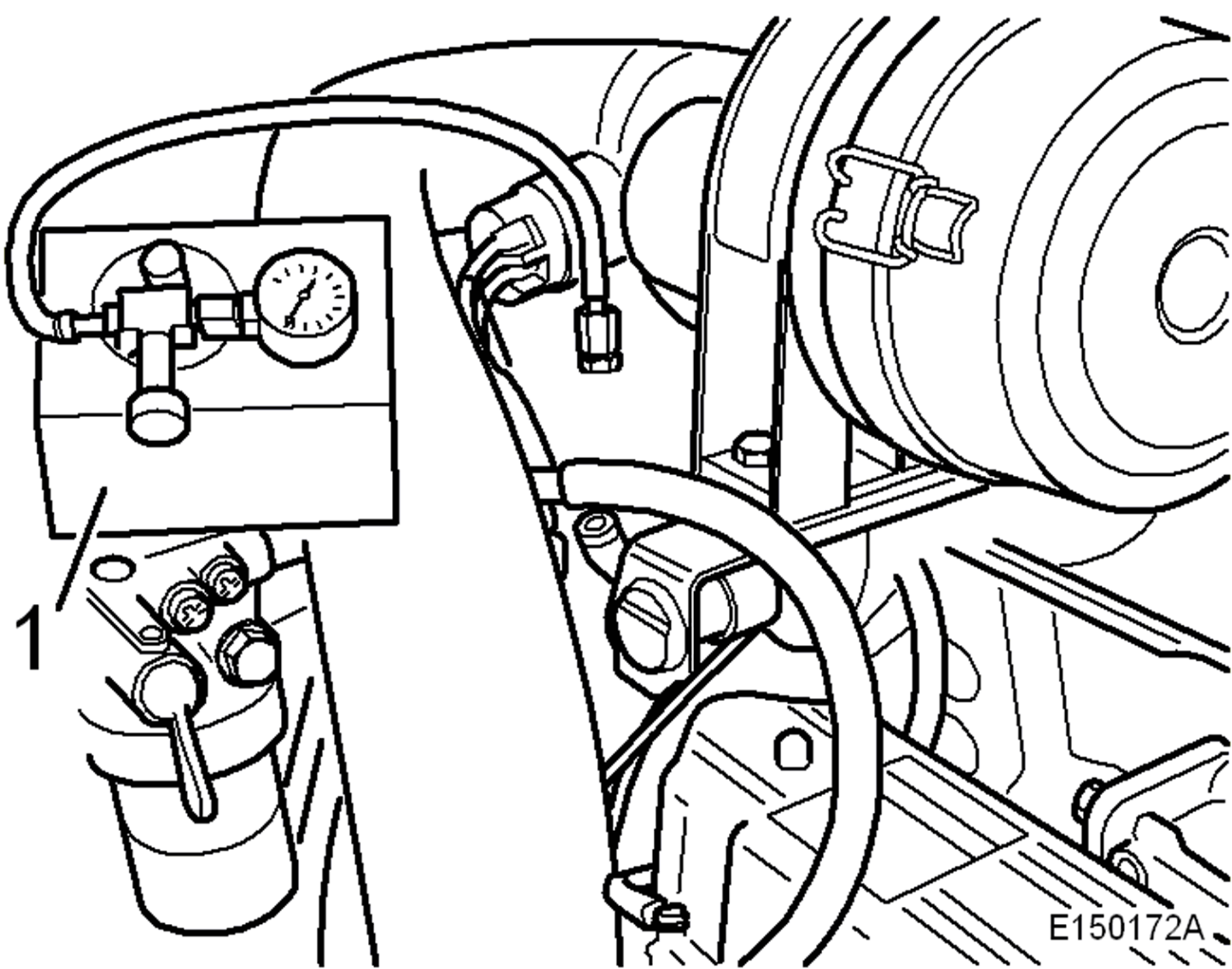




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Construction Equipment

PROSIS Service Information

Document Title : Hydraulic circuit of travel motors	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hydraulic circuit of travel motors

EC15B XT / EC20B XT

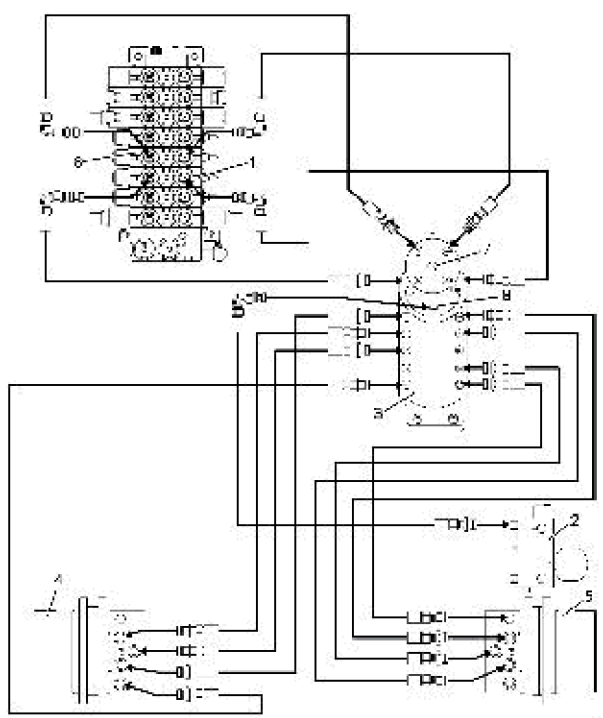
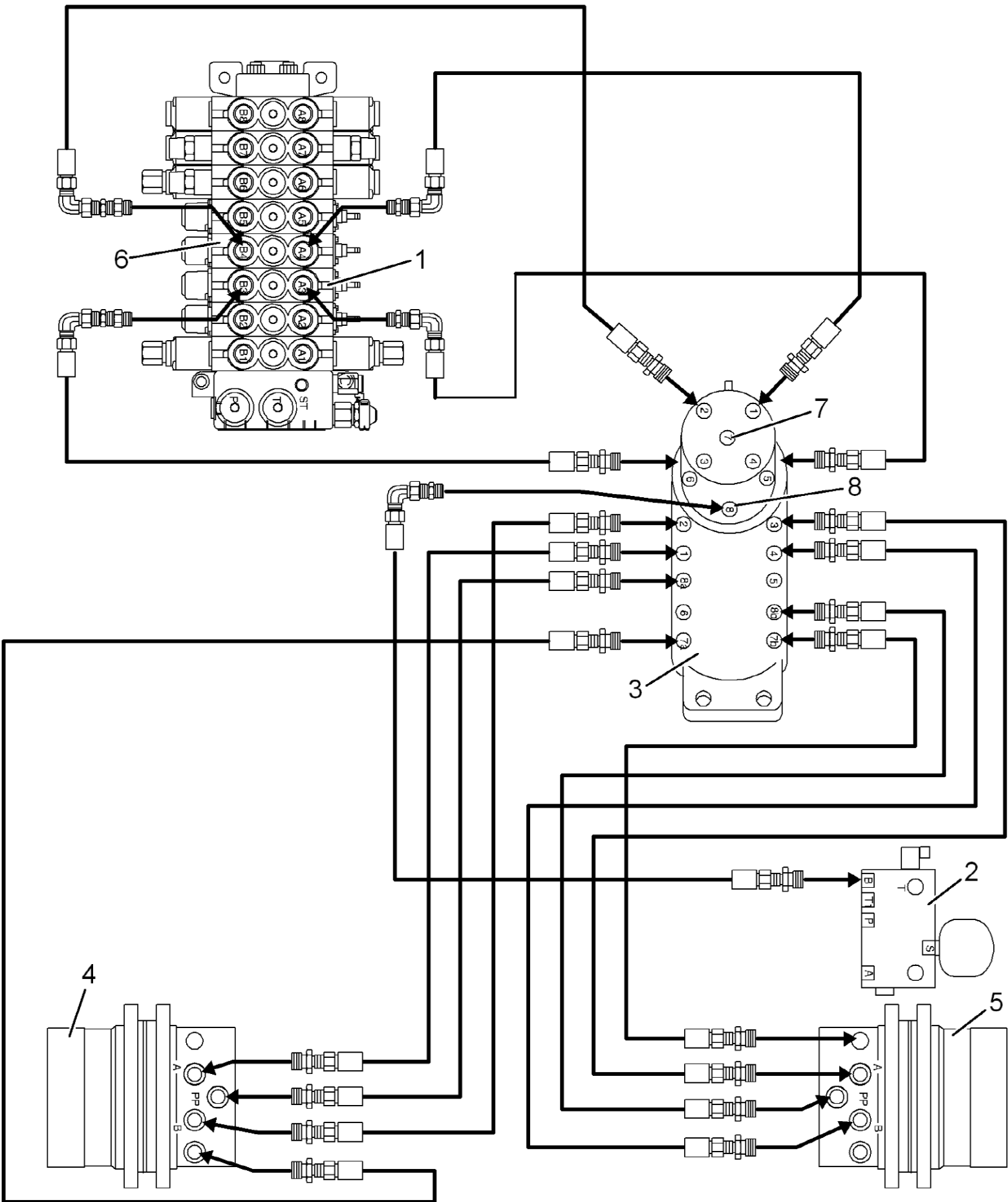


Figure 1

1. Control block element: Left hand travel control.
2. Power unit (servo controls)
3. Rotary oil distributor.
4. Hydraulic travel motor, left
5. Hydraulic travel motor, right
6. Control block element: Right hand travel control.
7. Tank return flow (7)
8. Port "B", solenoid high/low speed



VOLVO

Construction Equipment

PROSIS Service Information

Document Title : Hydraulic circuit of travel motors	Function Group : 9139	Information Type : Service Information	Print Date : 23/10/2011
Profile : CEX, EC15B XTV (Volvo) [GB]			

Hydraulic circuit of travel motors

EC15B XTV / EC20B XTV

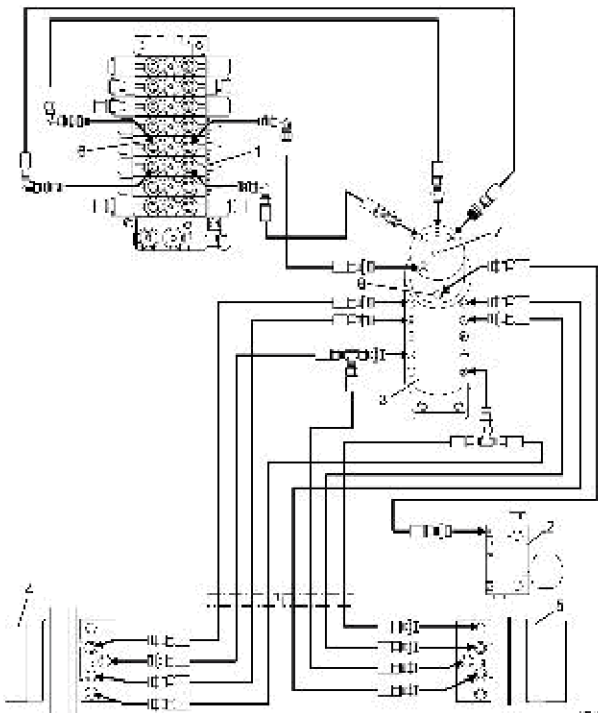


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