SERVICE MANUAL

E26C

Mini Excavator

Part number 51422603
English
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NEW HOLLAND CONSTRUCTION

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Boom hydraulic system - Service instruction - Troubleshooting

Abnormally low boom, arm or bucket power

1. Measure the relief pressure in the main relief valve.
   A. If the relief pressure in the main relief valve is within the standard level, proceed to step 2.
   B. If the relief pressure in the main relief valve is not within the standard level, the main relief valve is defective. Adjust the pressure and repair or replace the main relief valve.

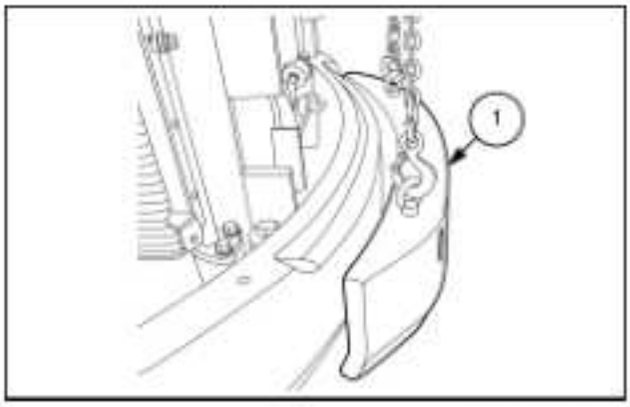
2. Measure the relief pressure in the port relief valve.
   A. If the relief pressure in the port relief valve is within the standard level, proceed to step 3.
   B. If the relief pressure in the port relief valve is not within the standard level, the port relief valve is faulty. Adjust pressure and disassemble and repair the port relief valve.

3. Measure the internal leakage of the cylinder.
   A. If the internal leakage of the cylinder is within the standard value, check boom, arm and bucket speed.
   B. If the internal leakage of the cylinder is not within the standard value, the cylinder is faulty. Disassemble and repair it.

   NOTE: *for the standard value, see* ***Hydraulic systems - Test - Dig function drift (35.000)***.

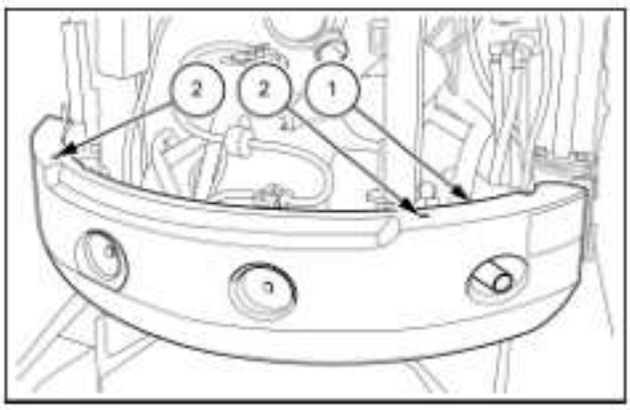
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4. Remove the additional counterweight **(1)**.
   - Thoroughly check that the location is safe before placing the additional counterweight on the wood plank.
   - Thoroughly secure the additional counterweight so that it does not fall over.
   - Weight: **131.0 kg** (**288.8 lb**).



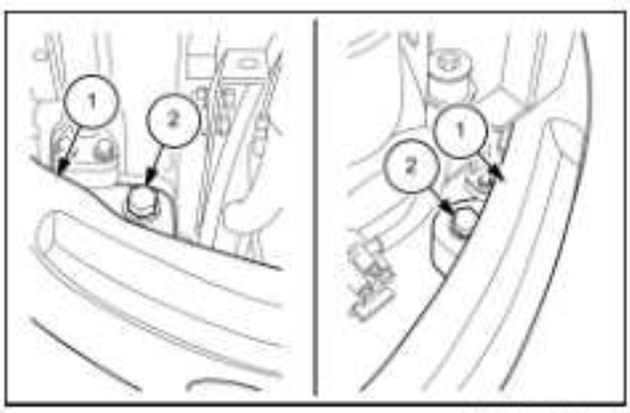
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5. Remove the caps and install the shackles **(2)** on the counterweight **(1)**.
6. Use the chains or wire ropes and a suitable lift-crane to secure the counterweight so that it does not fall during removal operations.



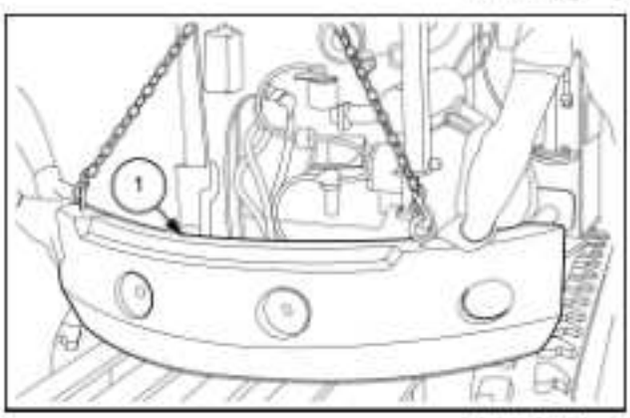
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7. Use a wrench [**30 mm**] to remove the bolts **(2)** of the counterweight **(1)**.



5

8. Remove the counterweight **(1)**.
9. Thoroughly check that the location is safe before placing the additional counterweight on the wood plank.
   - Thoroughly secure the counterweight so that it does not fall over.
   - Weight: **117.0 kg** (**257.9 lb**).



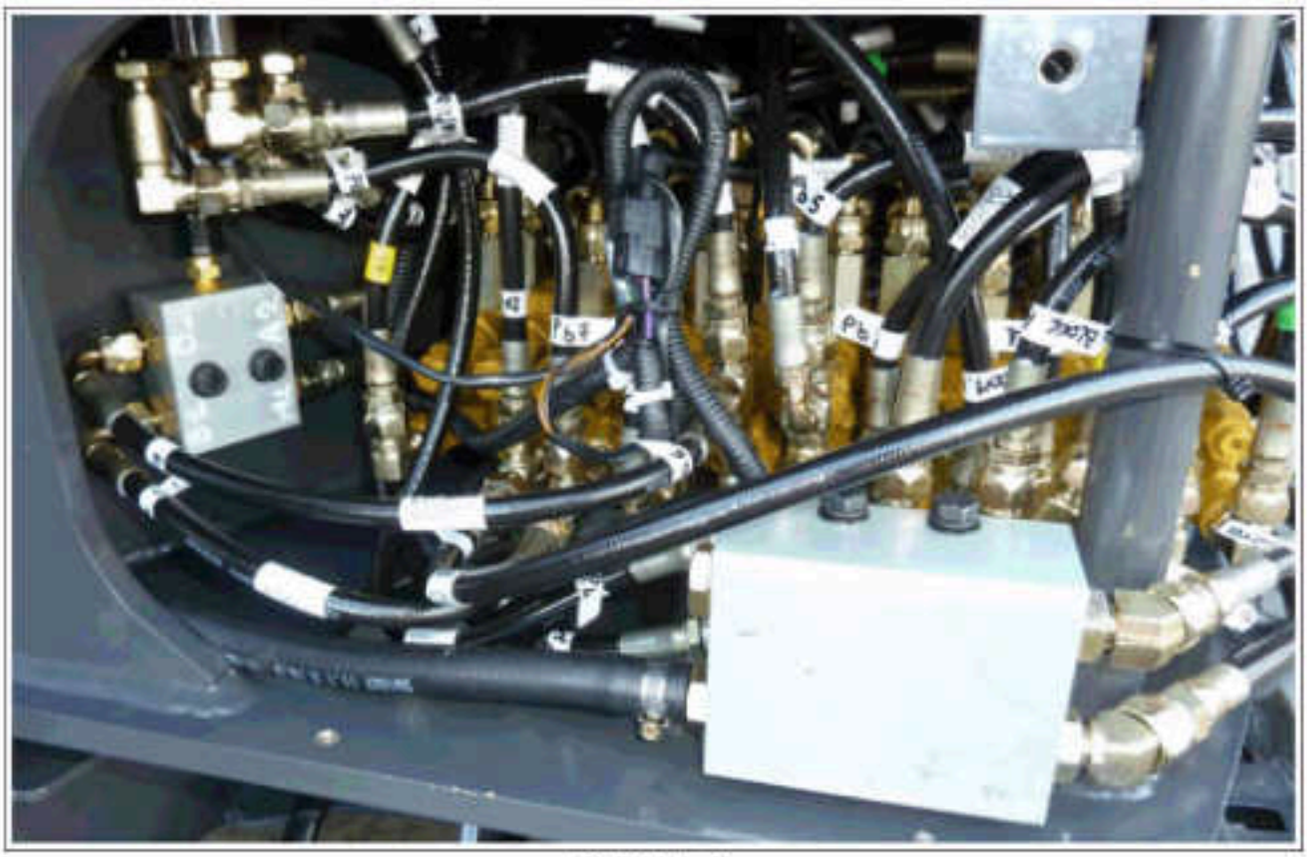
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Component	Connector	Connector type
Intermediate connector: main harness - fuse box	**CN-2**	AMP
Intermediate connector: main harness - left-hand console harness	**CN-3**	AMP
Intermediate connector: main harness - heater and wiper harness	**CN-4-1**	–
Wiper motor	**CN-21**	AMP
Washer pump	**CN-22**	KET
Fuse box	**CN-36**	–
Wiper and washer switch	**CS-3**	SWF

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Stacked control valves - Overview

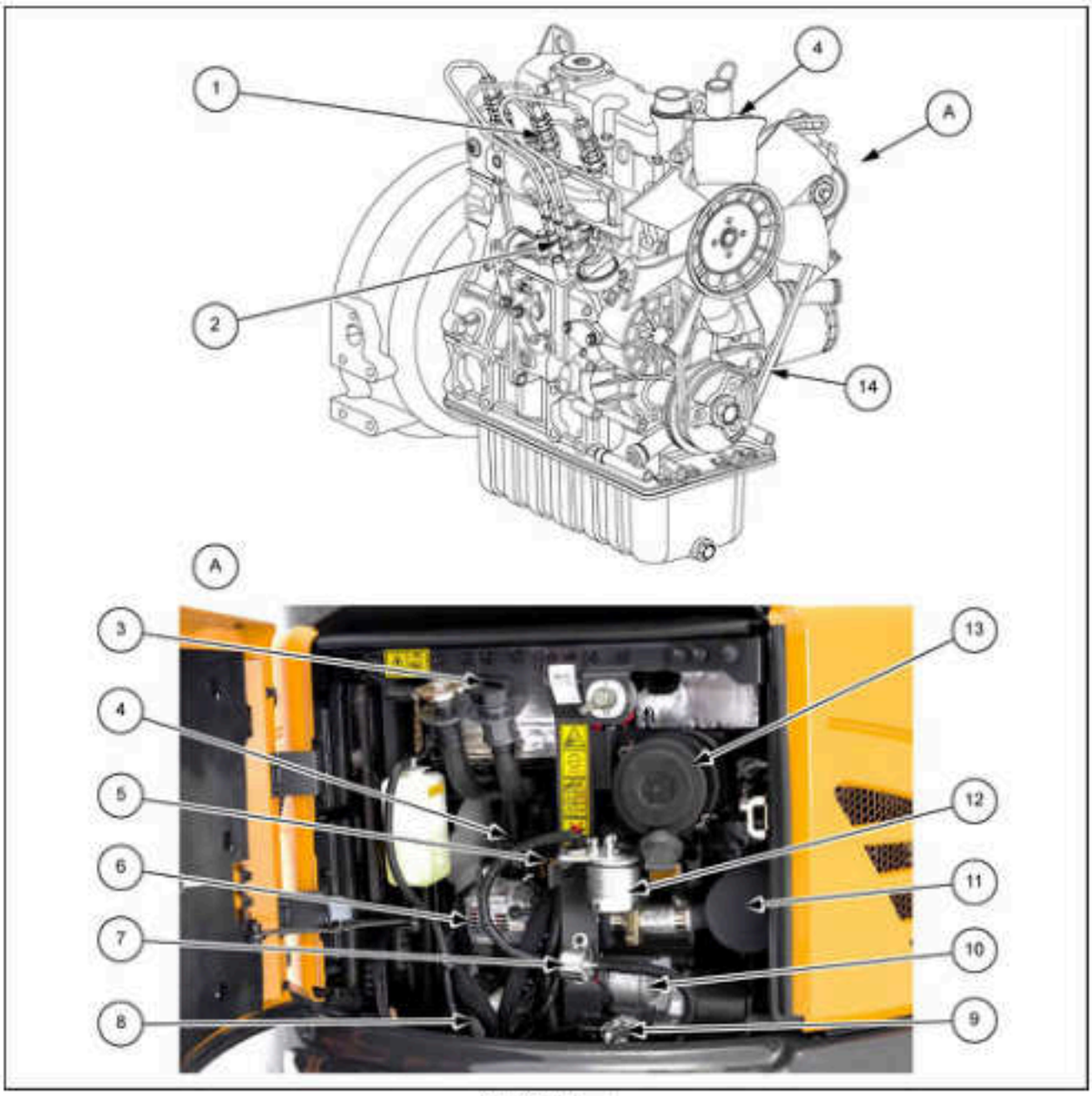


Main control valve view

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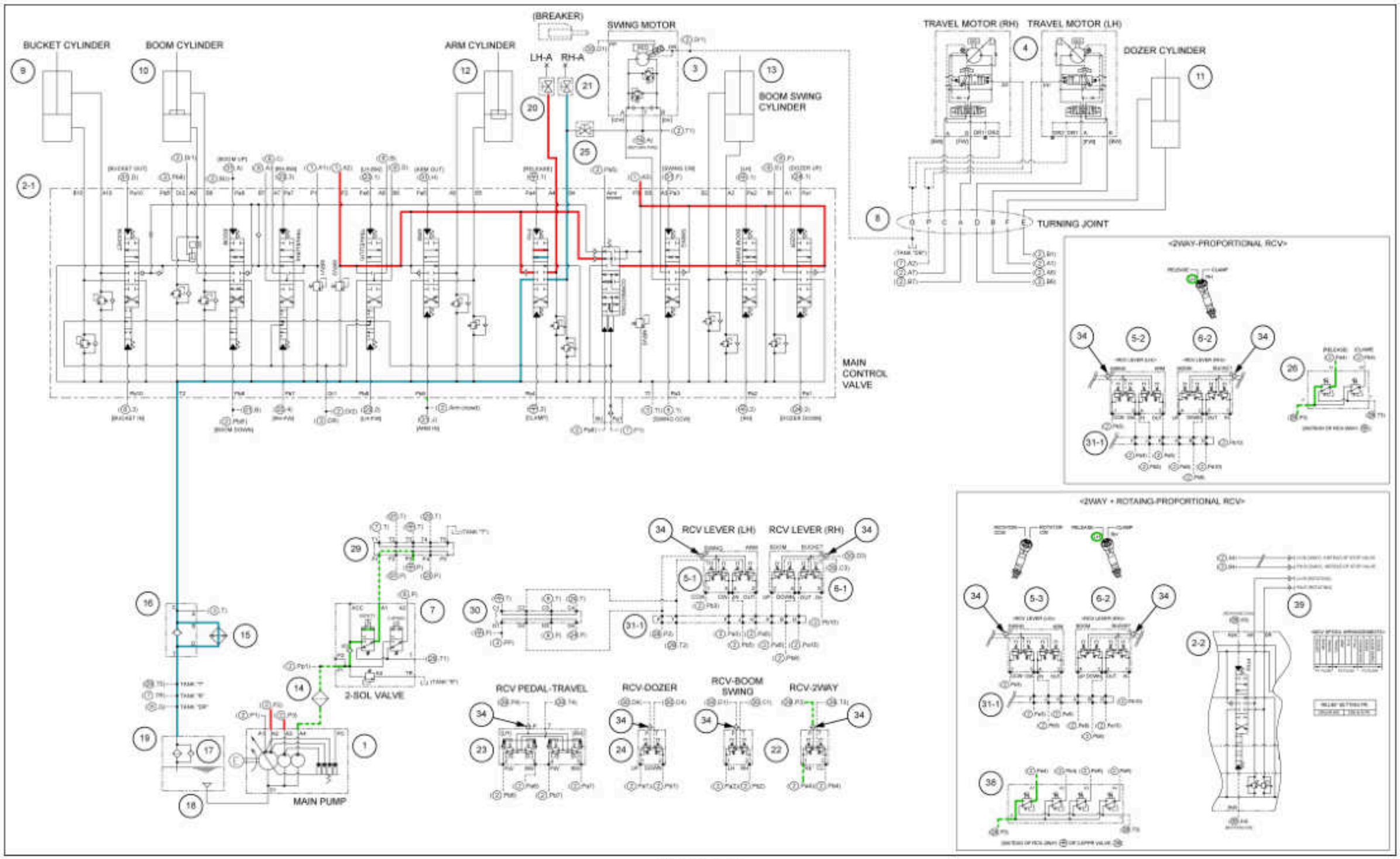
Engine - Overview

Engine main components



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