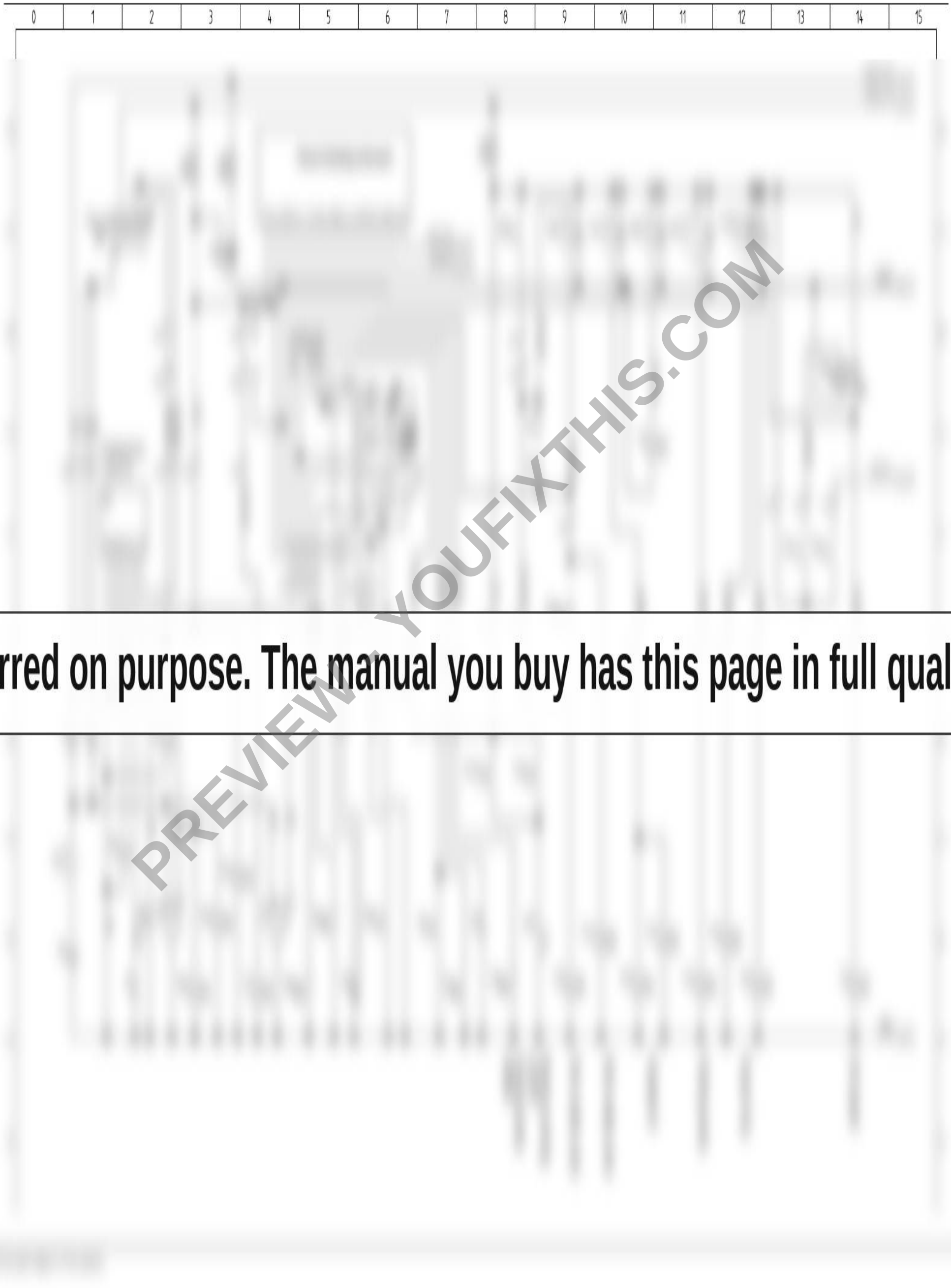
6.26 Wiring diagram (1)



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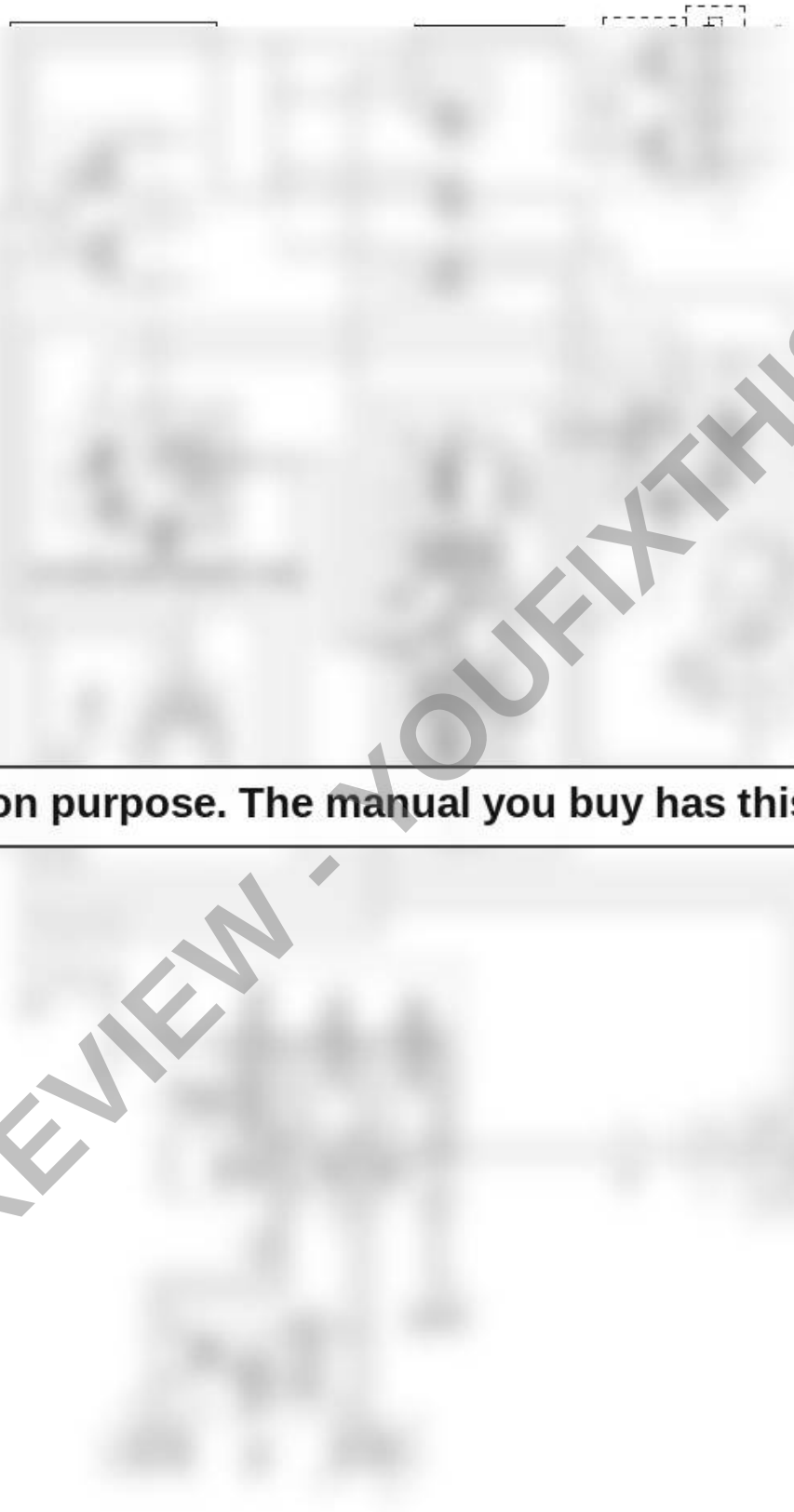
5.11 Hydraulics diagram ISO standard (1101c)



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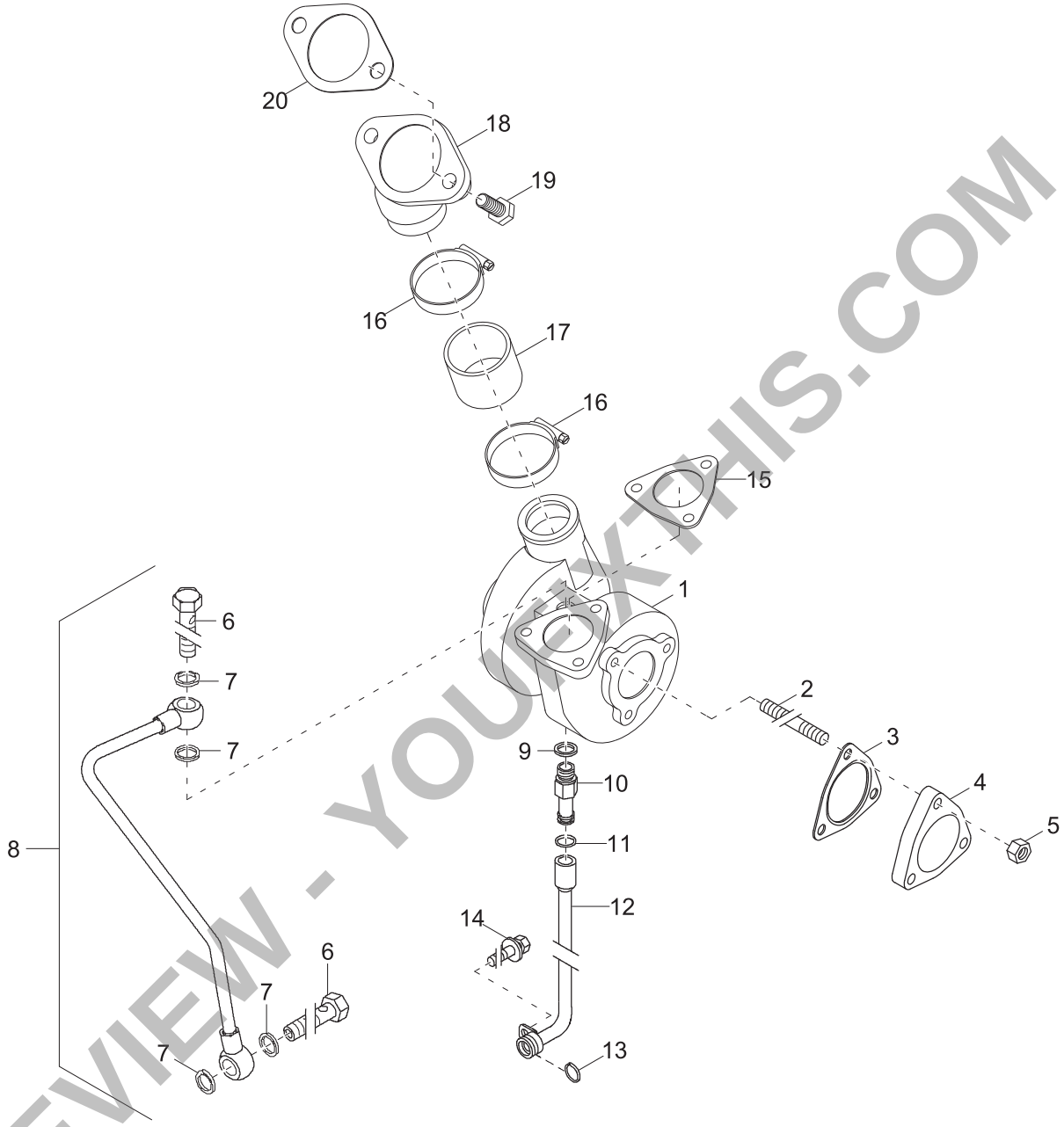
4.13 Turbocharger

Charge-air pressure: 0.9 bar (13 psi) ± 10 %



Pos.	Description	Pos.	Description
1	Exhaust turbocharger	2	Stud
3	Seal	4	Flange
5	Hexagon nut	6	Banjo bolt
7	Sealing ring	8	Lubrication line
9	Sealing ring	10	Connection piece
11	O-ring	12	Reflux line
13	Sealing ring	14	Hexagon head screw
15	Seal	16	Clamp
17	Rubber sleeve	18	Manifold
19	Hexagon head screw	20	Seal

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4.3 Checking and adjusting valve clearance



Standard setting of valve clearance is possible:

On a cold engine, or on a warm engine after it has cooled down for at least 0.5 h.

Oil temperature = 80 °C (176 °F)

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2 Specifications

2.1 Chassis

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3.3 Maintenance plan (overview)

Work description	Maintenance plan/service hours (s/h)								
For service and maintenance work on the attachment, please refer to the operation and maintenance manual of the attachment manufacturer as well.	Service work (daily)	Every 50 s/h	Every 250 s/h	Every 500 s/h	Every 1000 s/h once a year	Every 1500 s/h	Every 3000 s/h or 5 years max.	Customer	Authorised workshop
Fluid and filter changes ( ):									
Carry out the following oil and filter changes (check oil levels after test run):									
• Engine oil[1]		●		●					●
• Engine oil filter[2]		●		●					●
• Fuel filter[3]		●		●					●
• Air filter element as indicated by telltale								●	
• Coolant (or replace every 2 years)					●				●
• Water separator					●				●
• Hydraulic oil filter insert [4]		●		●					●
• Hydraulic oil					●				●
• Hydraulic oil tank breather					●				●
• Gearbox oil			●		●				●
• Track case oil				●	●				●
Inspection work ( ):									
Check the following material. Refill if necessary:									
• Engine oil	●							●	
• Engine coolant	●							●	
• Hydraulic oil	●							●	
• Gearbox oil[5]		●						●	
Clean water ducts [6]					●				●
Check engine/hydraulic oil radiator and air conditioning for contamination. Clean if necessary	●							●	
Check cooling systems, heating and hoses for leaks and damage (visual check)	●							●	
Replace the cab filter for heating or air conditioning (air conditioning system option)				●					●
Air filter (damage)	●							●	
Fuel filter with water separator: drain water	●							●	

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Emptying the fuel tank ... 3-12
Fuel filter with water separator ... 3-12
Replacing the fuel filter ... 3-13
Engine lubrication system ... 3-14
Checking the oil level ... 3-14
Filling up engine oil ... 3-15
Changing engine oil ... 3-16
Replacing the engine oil filter cartridge ... 3-16
Cooling system ... 3-18
Specific safety instructions ... 3-18
Checking/filling up coolant ... 3-19
Draining coolant ... 3-20
Air filter ... 3-21
Replacing the filter ... 3-22
Functional check once a week of the dust valve ... 3-23
V-belts ... 3-24
Checking V-belt tension ... 3-24
Retightening V-belts ... 3-25
Checking the V-belt of the air conditioning system (option) ... 3-26
Tightening the V-belt of the air conditioning system (option) ... 3-26
Pressure check ... 3-27
General ... 3-27
Standard micro ports ... 3-27
Variable displacement pump measuring points ... 3-28
Preparatory work ... 3-30
Main pressure check (P1 & P2) ... 3-30
Boost pressure check of pump and pilot control pressure check of work hydraulics ... 3-31
Work hydraulics pressure check ... 3-32
Checking the pilot control pressure of the drive hydraulics ... 3-33
Checking the parking brake release pressure ... 3-33
Checking the DA control pressure ... 3-34
Checking the pressure of the 3rd control circuit (Power Flow option 1101cp) ... 3-34
Test report 1101c ... 3-35
Test report 1101cp ... 3-37
Hydraulic system ... 3-39
Specific safety instructions ... 3-39
Checking the hydraulic oil level ... 3-40
Bleeding the hydraulic pump housing ... 3-41
Filling up hydraulic oil ... 3-41
After changing the hydraulic oil ... 3-42
Changing hydraulic oil ... 3-42
Monitoring the hydraulic oil reflux filter ... 3-43
Replacing the reflux filter ... 3-43
Checking hydraulic pressure lines ... 3-44
Undercarriage maintenance ... 3-45
Tracks ... 3-46
Checking track tension ... 3-46
Adjusting track tension ... 3-47
Replacing tracks ... 3-48
Travelling drive ... 3-48
Checking the oil level and filling up oil ... 3-48
Draining oil ... 3-49
Lubrication work ... 3-49
Loader unit ... 3-49
Lubrication points on the bucket ... 3-49
Maintenance of attachments ... 3-49

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3.1 Fluids and lubricants

Component/ application	Engine/machine fluid	Specification	Season/tempera- ture	Capacities[1]

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3.12 Test report 1101cp

Boost pressure

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Mount the cylinder-head bolts.

Tightening torques:

- 1st pass **30 Nm (22 ft. lbs.)**
- 2nd pass **80 Nm (59 ft. lbs.)**

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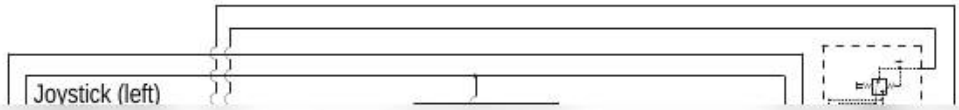
5.13 Hydraulics diagram H controls with options (1101c)



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6.40 Rear cab (option) legend and wiring harness 1000175464

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