PART NO. WPSY-EN-00

HITACHI

Reliable solutions

Workshop Manual

ZW

65-6 75-6 95-6
Wheel loader

VIN: Valid from W09P85296FBA08807...

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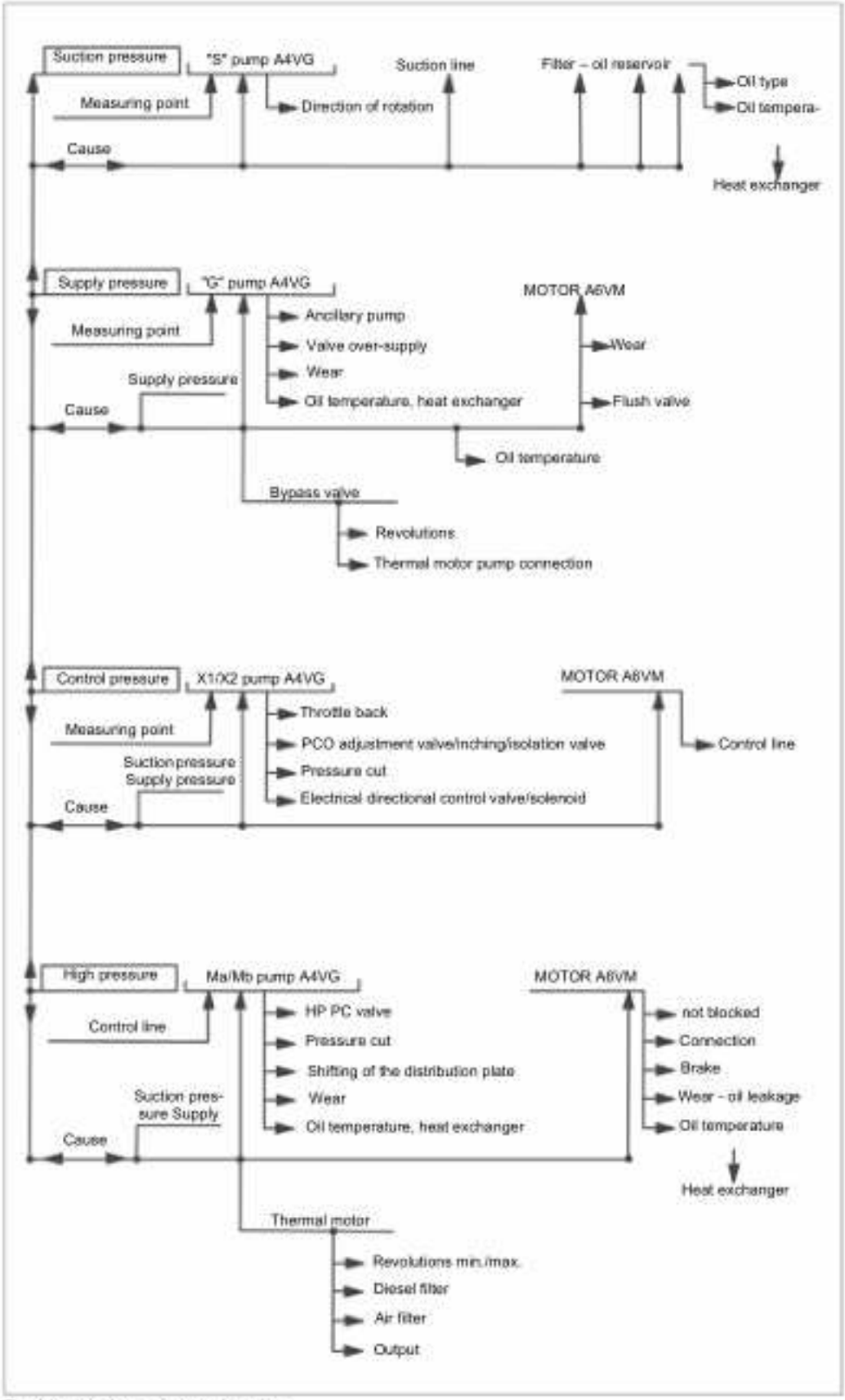
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Filling capacities (Cont.)

Designation	Filling capacities
Hydraulic fluid (filling capacity, total)	60 l
Gearbox oil for front axle	5.9 l
Gearbox oil for rear axle	6.8 l
Gearbox oil for the planetary gears	4x 0,85 l
Lubrication grease	As required
Coolant	total 14 l thereof: - Ant-freeze 7 l - Anti-corrosion agent 7 l

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5.12.3.3 Possible causes of fault and rectification

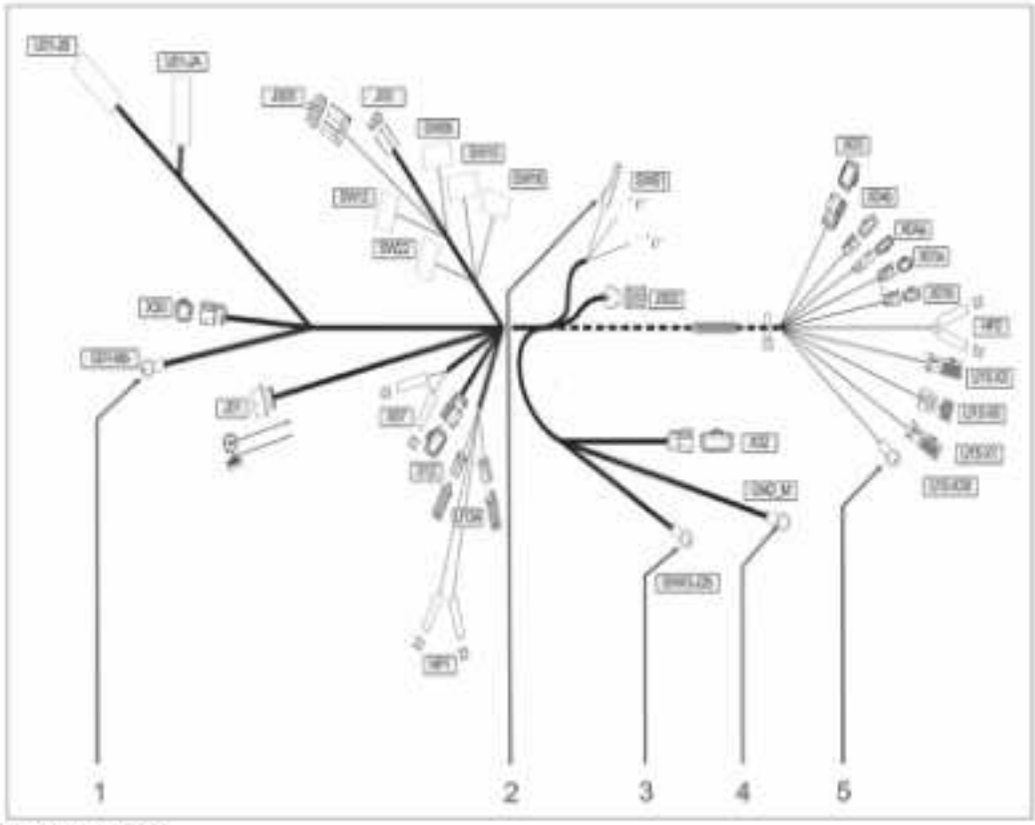


Trouble shooting - pump and engine

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6.8.2 Central harness

The central harness connects electrical components in the area behind the side door and the cab. These include the controller, the ignition lock and the various switches, amongst others. The "J01" diagnostic port is also connected via this harness.



Central harness

Key

No.	Designation
1	M8
2	30_F10
3	M10 – End protective cap
4	M8
5	M8 – End protective cap

Key

Components	Plug	Pin	Cable	Colour
G01	Mb			
Battery		1	GND_B	grey

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Off-Highway Systems

DANA



Maintenance and Repair Manual

111

Axle

MO111F30

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Engine (Cont.)

Maximum torque	234 Nm
Battery	100 Ah
Intake filter	Air filter with safety cartridge
Cooling	Liquid cooling
Nominal voltage of electrical system	12 V
Generator	95 A

2.2.4 Drive

Drive

Type	Hydrostatic drive
Axles	Large series planetary axles
Differential lock	100 %.
Rear axle oscillation	Max. oscillation angle +/- 11°
Version 20 km/h	
Speed range I	7 km/h
Speed range II	20 km/h
Version 30 km/h	
1. Gearing	
Speed range I	7 km/h
Speed range II	30 km/h

2.2.5 Permissible tyres

Permissible tyres

Standard tyres	12.5-18
Tyre pressure	Front: 3 bar Rear: 3 bar
Special tyres	405/70 R 18

2.2.6 Brake system

Brake system

Service brake	Disc brake
Parking brake	Mechanically actuated parking working on all 4 wheels, with shutdown of the drive

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