Service Manual

Groundhog 6x4

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Monitor Display - Fault Messages

Table 13. Water and Hydraulic oil temperature

Message	Cause	Remedy
WATER TEMP 	Water Leakage	Repair
	Belt elongation, soiled with oil	Clean or replace
	Defective radiator	Repair or replace
	Broken fan	Replace
	Incorrect anti-freeze mixture	Replace
	Defective thermostat	Replace
	Defective water pump	Replace
	Dirty radiator (clogged)	Clean
	Defective monitor	Replace

Table 14. Low oil pressure

Message	Cause	Remedy
LOW OIL PRESSURE 	Low engine oil	Refill
	Oil leakage at connections	Repair
	Defective engine oil pressure sensor	Replace
	Engine oil viscosity low	Replace with oil of viscosity matching the temperature
	Defective engine oil pump	Adjust, clean, replace
	Defective monitor	Replace

Table 15. Alternator

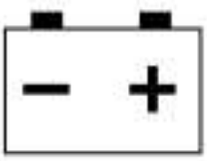
Message	Cause	Remedy
NO CHARGE 	Belt tension	Adjust
	Wiring fault	Repair
	Defective battery	Replace
	Defective regulator	Replace
	Defective alternator	Repair or replace

Table 16. Low Fuel

Cause	Remedy
Fuel low	Refill
Defective sensor	Replace

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Harness Data

Drawings and Interconnection

Harnesses

The basic machine has a single main harness. Machines with Deluxe lighting equipment will also have a Deluxe Lighting Harness.

Table 1. Harnesses

	Harness No.	Issue	Remarks	Drawing
1	721/11884 Sht 1	1	Basic Harness Layout	⇨ *Fig 1. (C-34)*
1	721/11884 Sht 2	1	Basic Harness Connections	⇨ *Fig 2. (C-35)*
2	721/11902 Sht 1	3	Deluxe Lighting Harness Layout	⇨ *Fig 3. (C-36)*
2	721/11902 Sht 2	3	Deluxe Lighting Harness Layout	⇨ *Fig 4. (C-37)*
3	721/11901	1	Worklight Harness Layout and Connections	⇨ *Fig 5. (C-38)*
4	721/11909	1	ROPS Worklight Harness Layout and Connections	⇨ *Fig 6. (C-39)*
5	721/11900	1	Tipper Harness Layout and Connections	⇨ *Fig 7. (C-40)*

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Fuel System

Combustion System	Indirect Injection
Injection Pump Type	TBA
Governing	TBA
Injection Timing	TBA
Injection Nozzle Type	TBA
Injection Pressure	TBA
(Working)	TBA
(Setting)	TBA

Lubrication System

System Type	Forced Lubrication by rotor type pump
Oil Pressure @ Idle (minimum allowable)	TBA
Oil Pressure @ Rated Speed (minimum allowable)	TBA
Oil Pressure Regulated	TBA

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