CEBMW26010

SHOP MANUAL

KOMATSU®

WA600-1L

WHEEL LOADER

MACHINE MODEL	SERIAL NUMBERS
WA600-1L	A10391 and up

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DESCRIPTION	FORM NUMBER
PARTS BOOK - PAPER:	
Engine and Chassis	BEPBW26011
PARTS BOOK - MICROFICHE:	
Engine and Chassis	BEPMW26011
OPERATION & MAINTENANCE MANUAL:	
Chassis	CEAMW26010
SHOP MANUAL:	
Chassis	CEBMW26010
Engine	SEBE6161A11
Component of Engine	SEBECOMP002
Turbocharger	SEBEKTURB000
Air Compressor	SEBEKAIRC001
Fuel Injection Pump	SEBM002000
Fuel Injection Pump Governor	SEBM002100
SAFETY MANUAL	1085 883 R3

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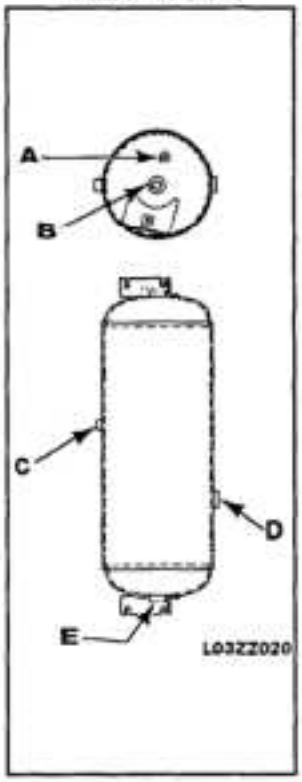
AIR TANK

Specification

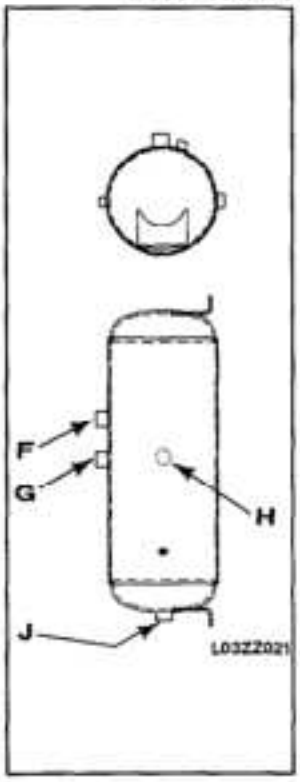
Name	Capacity ℓ	Maximum pressure
Wet tank	39.4	9.5 kg/cm^2
Dry tank (Left)	39.4	9.5 kg/cm^2
Dry tank (Right)	39.4	9.5 kg/cm^2

- The air tank consists of one wet tank and two dry tanks. The air from the compressor first enters the wet tank and the moisture is removed. It is then divided and sent to the left and right dry tanks.
- A safety valve and air pressure sensor are installed in the wet air tank.

WET TANK



DRY TANK



A. To air governor (PT 1/2)
B. To dry air tank (PT 1/2)
C. From air compressor (PT 1/2)
D. Safety valve mount (PT 1/2)
E. To drain valve (PT 1/8)
F. To relay valve (PT 1/2)
G. To relay valve (PT 1/2)
H. From wet air tank (PT 1/2)
I. Safety valve mount (PT 1/8)
J. Drain valve (PT 1/8)

SAFETY VALVE

Function

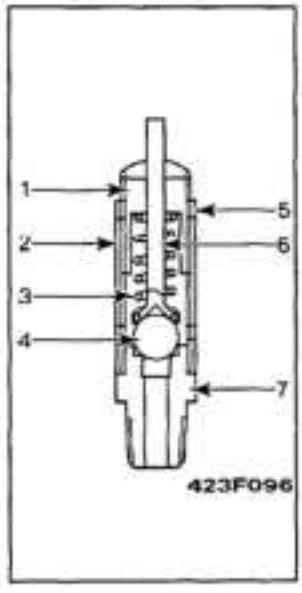
- The safety valve is installed in the wet tank, and acts as a safety device for the air circuit.

Operation

- If the air governor does not work properly and the pressure inside the tank rises above the set pressure, ball (4) is pushed up and the air escapes to the atmosphere.

Specification

Setting pressure: 9.5 kg/cm^2

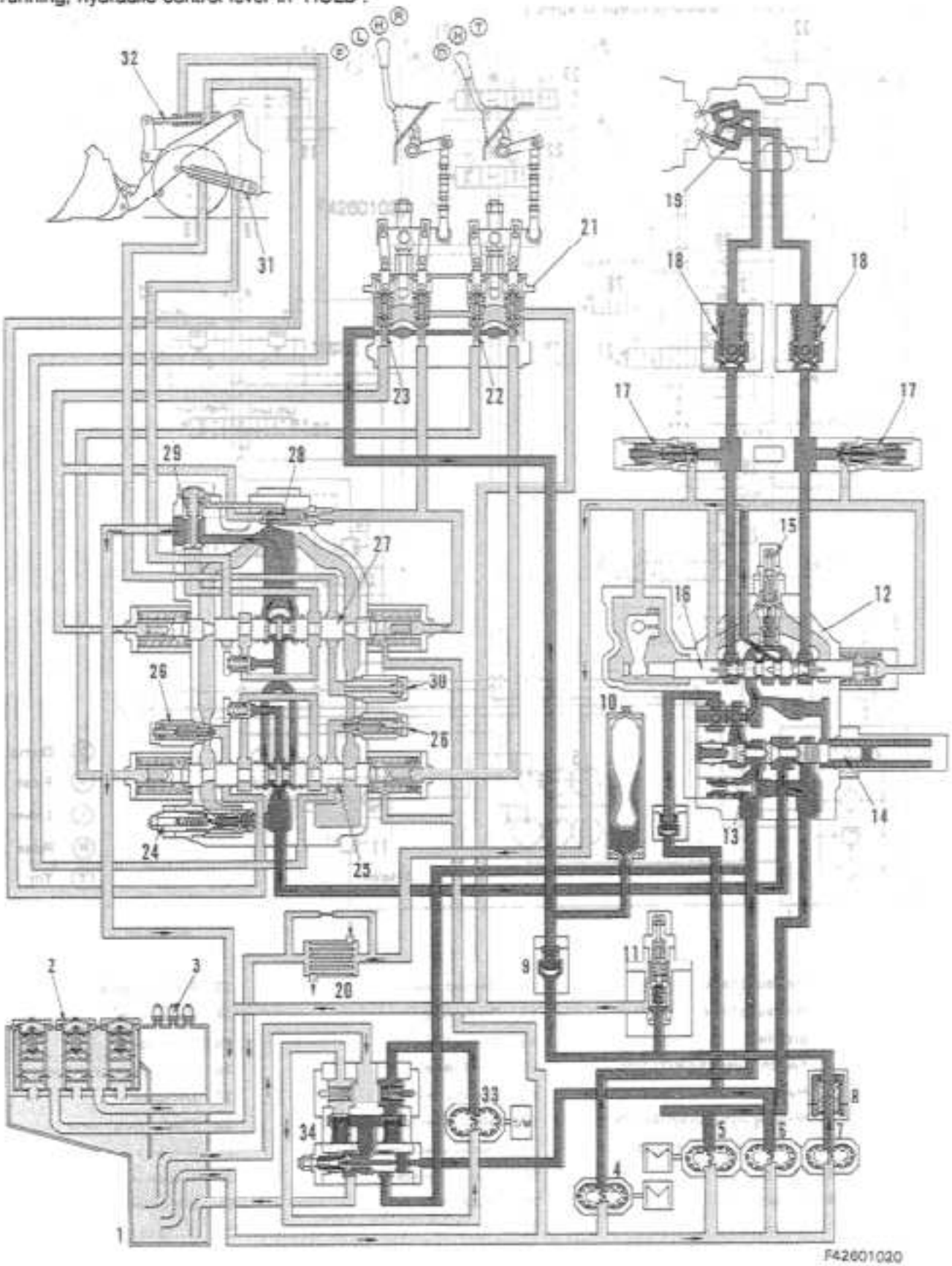


1. Adjustment nut
2. Spring cage
3. Spring
4. Ball
5. Lock nut
6. Relief valve
7. Body

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HYDRAULIC CIRCUIT SCHEMATICS

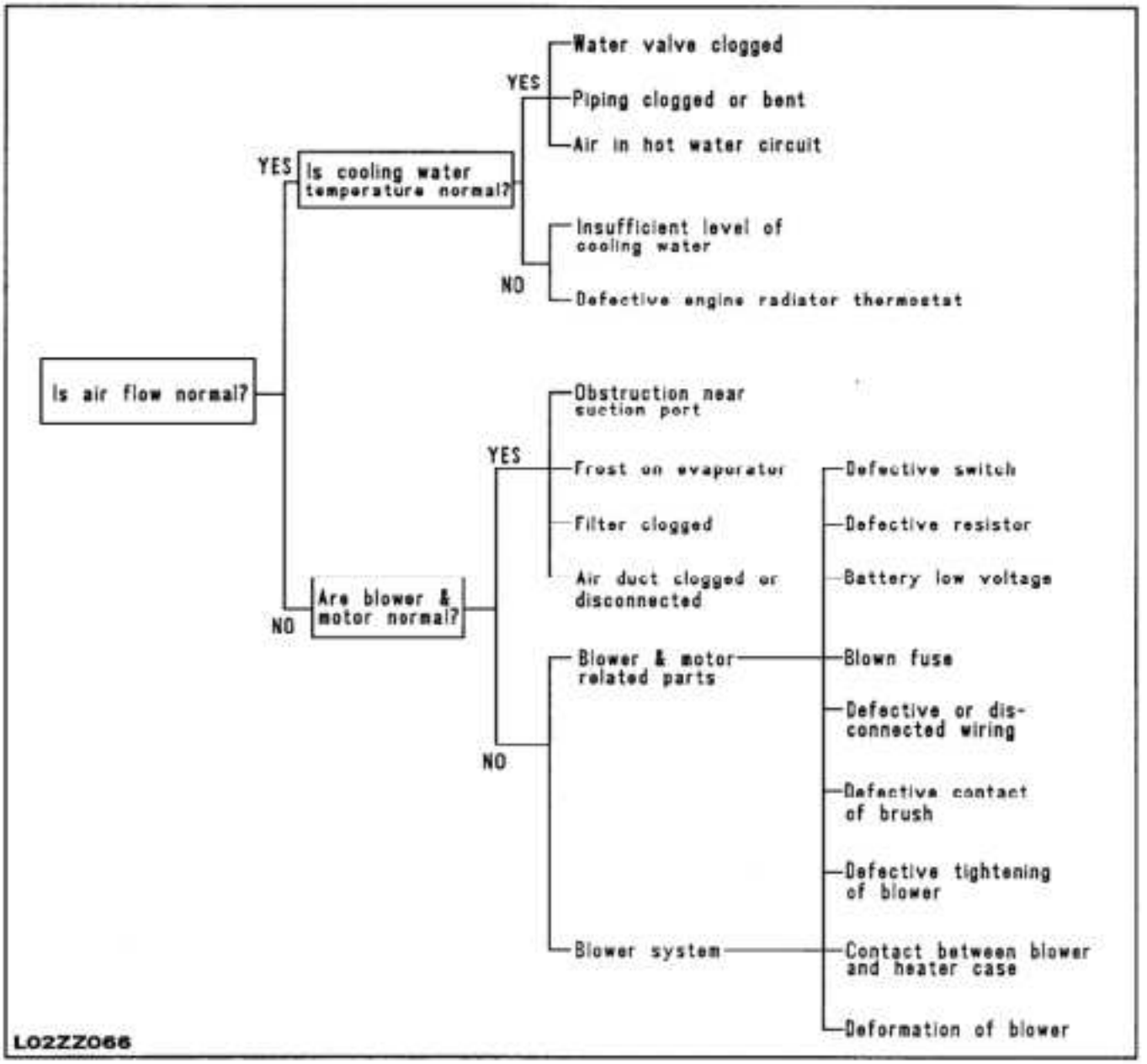
Engine running, hydraulic control lever in "HOLD".



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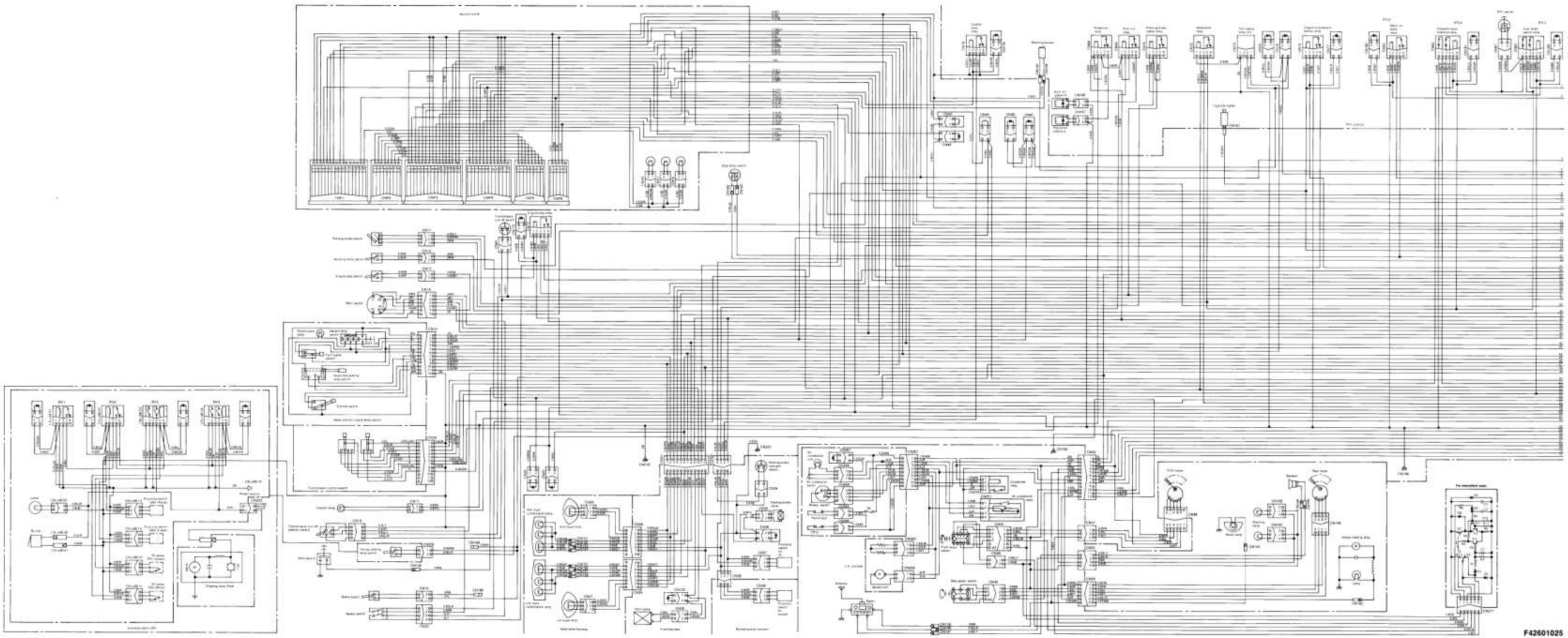
Problem	Location	Condition	Possible cause	Remedy
Magnetic clutch slips	Clutch	Clutch slips during rotation	Battery voltage low	Charge battery
			Oil on clutch face	Remove oil
			Layer short in coil	Replace

DEFECTIVE HEATING



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FOLDOUT NO. 3
ELECTRICAL SCHEMATIC
PART 1



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