CEBM000500

Shop Manual

KOMATSU®

WA500-1

WHEEL LOADER

SERIAL NUMBERS **WA500-1LE - A61001** and up

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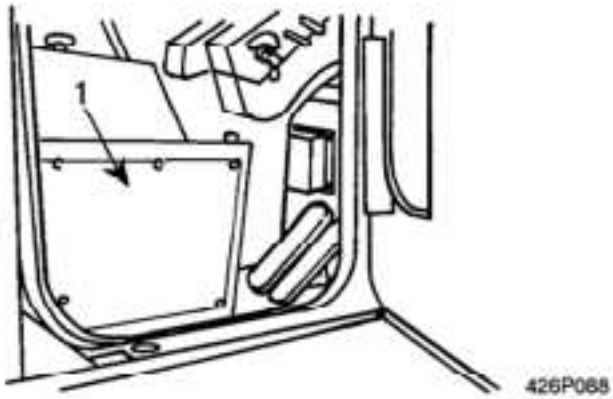
DESCRIPTION	FORM NUMBER
PARTS BOOK - PAPER:	
Engine and Chassis	BEPB000500
PARTS BOOK - MICROFICHE:	
Engine and Chassis	BEPM000500
OPERATION & MAINTENANCE MANUAL:	
Chassis	CEAM000300
Engine	3666095
SHOP MANUAL:	
Chassis	CEBM000500
Engine:	
Shop Manual	3810487
Alternative Repair Manual	N/A
Trouble Shooting and Repair	3810456
Specifications Manual	3666090
Standard Man-Hour Guide	3666031
SAFETY MANUAL	WLT70-1

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ADJUSTING DUMP AND LIFT CONTROL LEVERS



1. Remove cover (1).

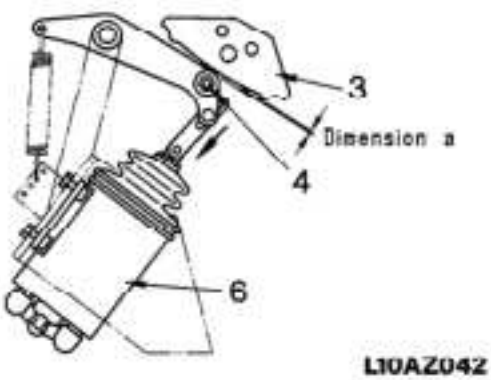
2. With solenoid (6) pulled, secure the solenoid so that the clearance between cam (3) and roller (4) is dimension "a".

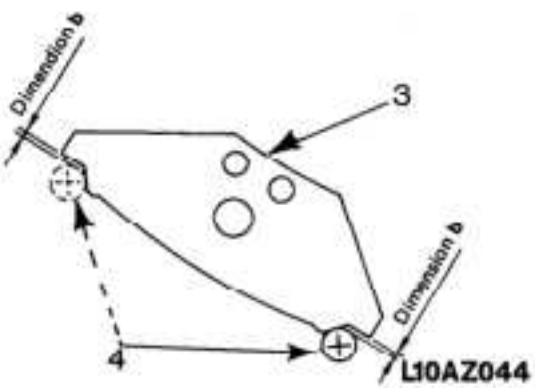
   Dimension "a": 0 - .5 mm

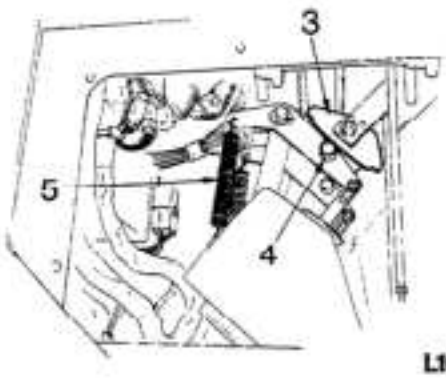
   ★ Set the bucket lever and lift lever at HOLD.
   ★ If cam (3), roller (4), or spring (5) are damaged, replace them before carrying out adjustment.

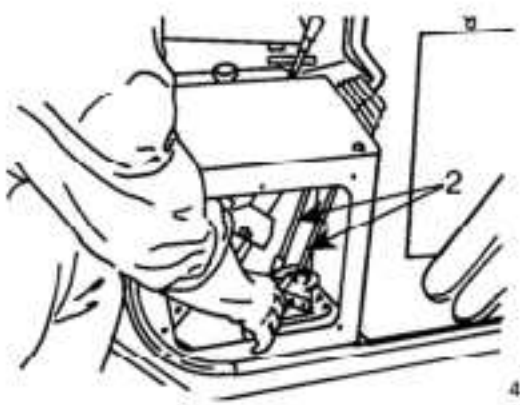
3. **Lift lever**
   Operate the lift lever and adjust the length of rod (2) to give clearance "b" between the notched portions at both ends of cam (3) and roller (4).

   Dimension "b": 0 - 1 mm









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T-3. Excessive time lag when starting machine or shifting gear.

Checks before troubleshooting.

- Is oil level in transmission case correct?
- Is there any leakage of oil from joints of piping or valves?
- Is operation of control valve normal?

Checking for abnormalities.

- Check STANDARD VALUE TABLE to confirm that time lag is actually excessive.

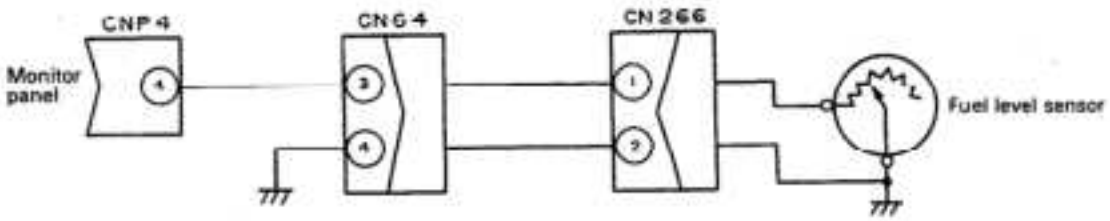
No.	Problems \ Remedy / Causes	a: Air leaking in at suction side of pump	b: Pump defective	c: Modulating valve spring deteriorated; operation of spool defective	d: Throttle hole of quick return valve clogged	e: Operation of quick return valve defective	f: Seal ring, groove of transmission clutch defective	g: Rotating clutch defective; oil sealing defective	h: Shaft seal ring in rotating clutch circuit defective
		Δ	X	Δ X	Δ	Δ X	X	X	X
1	Abnormal noise from between pump and filter	○							
2	Excessive time lag in every speed range	○	○	○	○	○			
3	Machine moves normally in certain speed ranges						○	○	○
4	Transmission modulating pressure too low in every speed range	○	○	○	○				
5	As in item 4; indicator fluctuates violently	○							
6	Torque converter oil temperature is above operating range	○	○						

The following symbols are used to indicate the action to be taken when a cause of failure is located:

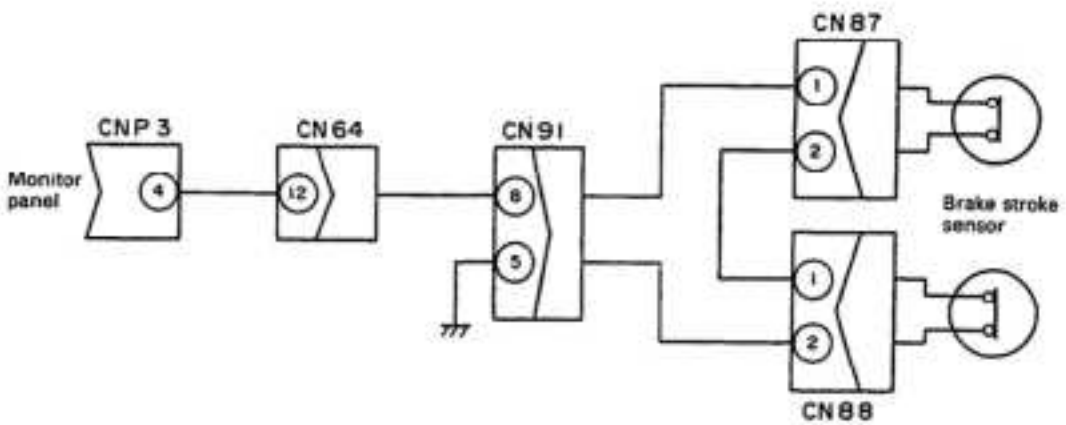
X: Replace ⍙: Repair
A: Adjust C: Clean

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M-6 Related electrical circuit drawing

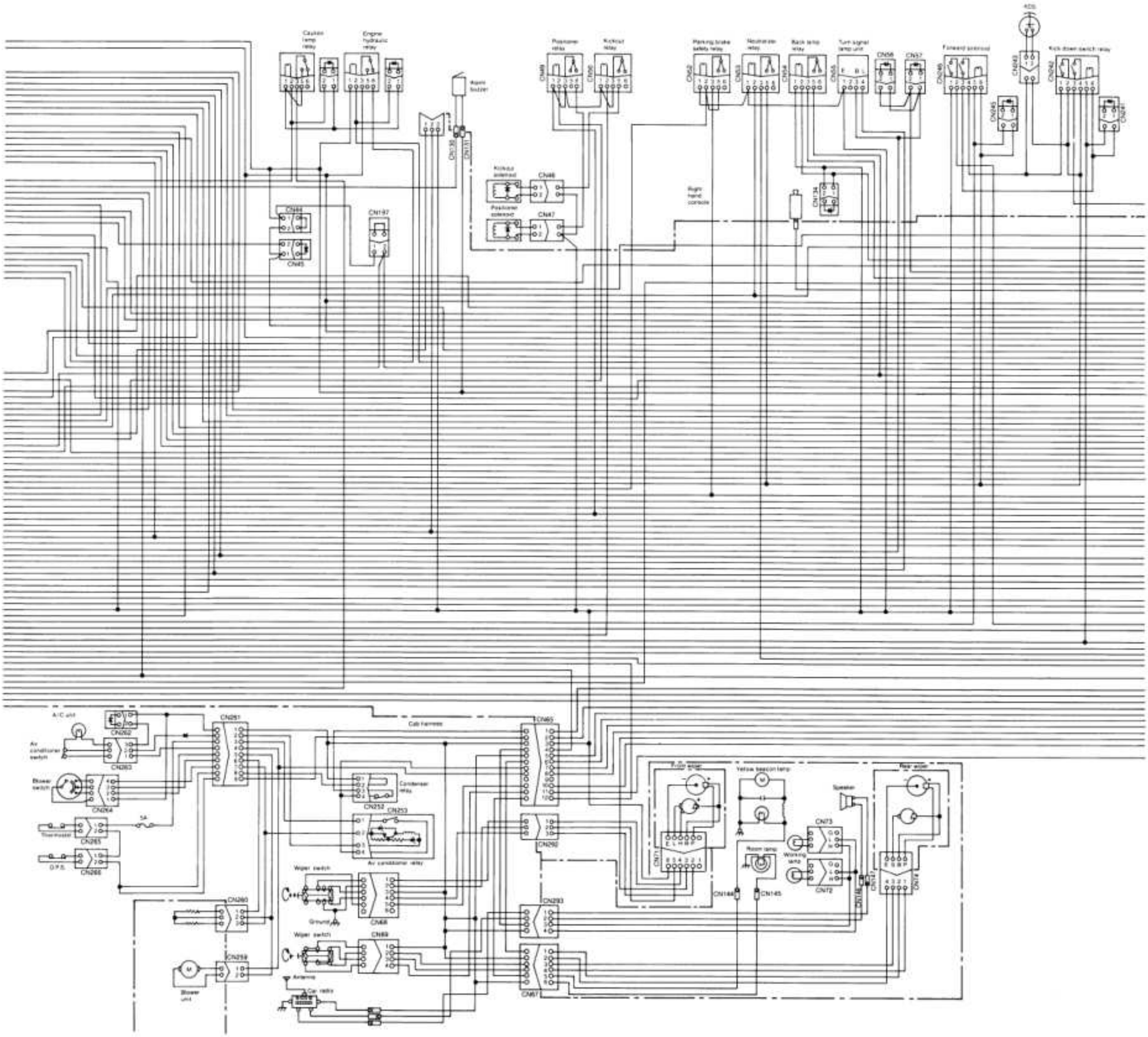


M-7 Related electrical circuit drawing



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FOLDOUT 10-155
ELECTRICAL CIRCUIT DIAGRAM (2 of 4)



L08DD102

10-155

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