CEBMW26030

SHOP MANUAL

KOMATSU®

WA600-1LC

WHEEL LOADER

MACHINE MODEL	SERIAL NUMBERS
WA600-1LC	A50001 and up

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DESCRIPTION	FORM NUMBER
PARTS BOOK - PAPER:	
Engine and Chassis	BEPBW26030
PARTS BOOK - MICROFICHE:	
Engine and Chassis	BEPMW26030
OPERATION & MAINTENANCE MANUAL:	
Chassis	CEAMW26030
Engine	3666013
SHOP MANUAL:	
Chassis	CEBMW26030
Engine:	
Shop Manual	3810258
Alternative Repair Manual	3379035
Trouble Shooting & Repair	3810307
Specifications Manual	3810259
SAFETY MANUAL	1085 883 R3

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CHECKS BEFORE TROUBLESHOOTING

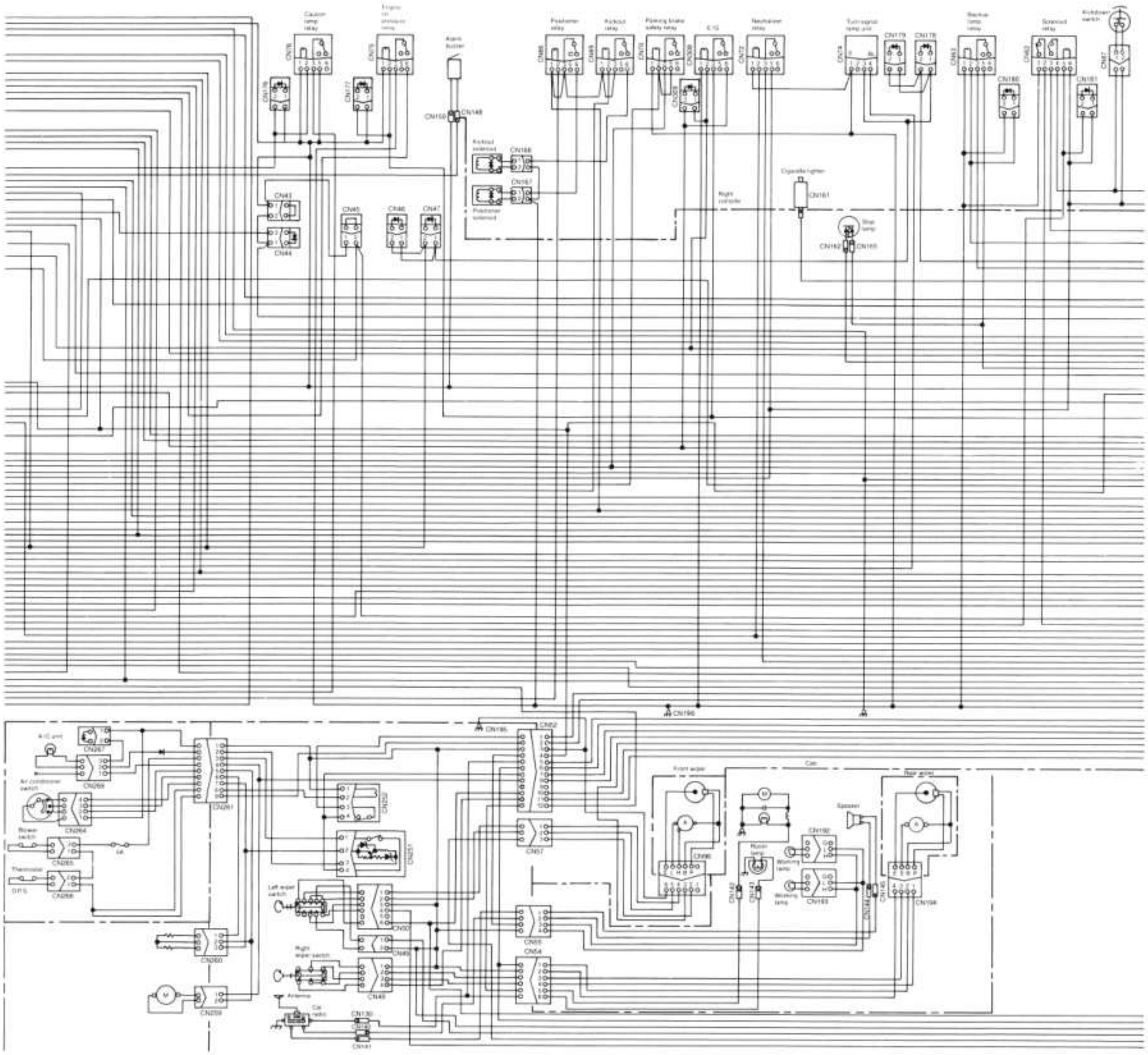
xxxxxxxx	xxxxxxxxx	Item	Standard value	Remedy
Checks before starting	Lubricating oil, cooling water	1. Check fuel level	–	Add fuel
		2. Check for dirt or water in fuel	–	Clean, drain
		3. Check hydraulic oil level	–	Add oil
		4. Check hydraulic oil strainer	–	Clean, drain
		5. Check brake oil level	–	Add oil
		6. Check engine oil level	–	Add oil
		7. Check cooling water level	–	Add water
		8. Check condition of dust indicator	–	Clean or replace
		9. Check air pressure	–	Refer to troubleshooting
Item	Electrical Equipment	10. Check for loose or corroded battery terminals	–	Tighten or replace
		11. Check for loose or corroded alternator terminals	–	Tighten or replace
		12. Check for loose or corroded starting motor terminals	–	Tighten or replace
Other check items	Hydraulic mechanical components	13. Check for abnormal noise or smell	–	Repair
		14. Check for oil leakage	–	Repair
		15. Bleed air from system	–	Bleed air
	Electrical components	16. Check battery voltage (engine stopped)	23 - 26 V	Replace
		17. Check level of battery electrolyte	–	Add or replace
		18. Check for discolored, burnt, or bare wires	–	Replace
		19. Check for missing wiring clamps, hanging wires	–	Repair
		20. Checks for water leaking onto wiring (checks carefully water leakage at connectors and terminals)	–	Disconnect connector and dry connection
		21. Check for broken or corroded fuses	–	Replace
		22. Check alternator voltage (engine running at over half throttle)	27.5 - 29.5 V	Replace
		23. Noise when battery relay is operated (switch starting switch from on to off)	–	Replace

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Cause	Remedy
Abnormal contact with wiring harness between CN56 (6) (female) — CN99 (C) (female) and wiring harness between CN56 (1), (2), (3), (4), (5) — (female) — CN99 (D), (E), (F), (G), (H) (female)	After inspection, repair or replace
Abnormal contact with wiring harness between CN56 (6) (male) — CN58 (2) (female) and chassis or ground connection wiring	After inspection, repair or replace
Defective transmission control switch	Replace
Defective transmission control switch	Replace
Abnormal contact with wiring harness between CN16 (3) (female) — CN58 (5) (female) and chassis ground connection wiring	After inspection, repair or replace
Short circuit between terminals (1) and (2) of REVERSE solenoid relay CN58 (male)	Replace

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FOLDOUT NO. 2 (See Foldout 1, 3 & 4)
ELECTRICAL CIRCUIT DIAGRAM (2 of 4)



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