SEBM012402

SHOP MANUAL

KOMATSU®

avance LOADER

WA120-3CS

MACHINE MODEL

WA120-3CS

SERIAL NUMBER

10004 and up

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

- WA120-3CS mount the 6D95 engine.
  For details of the engine, see the 95 Series Engine Shop Manual.

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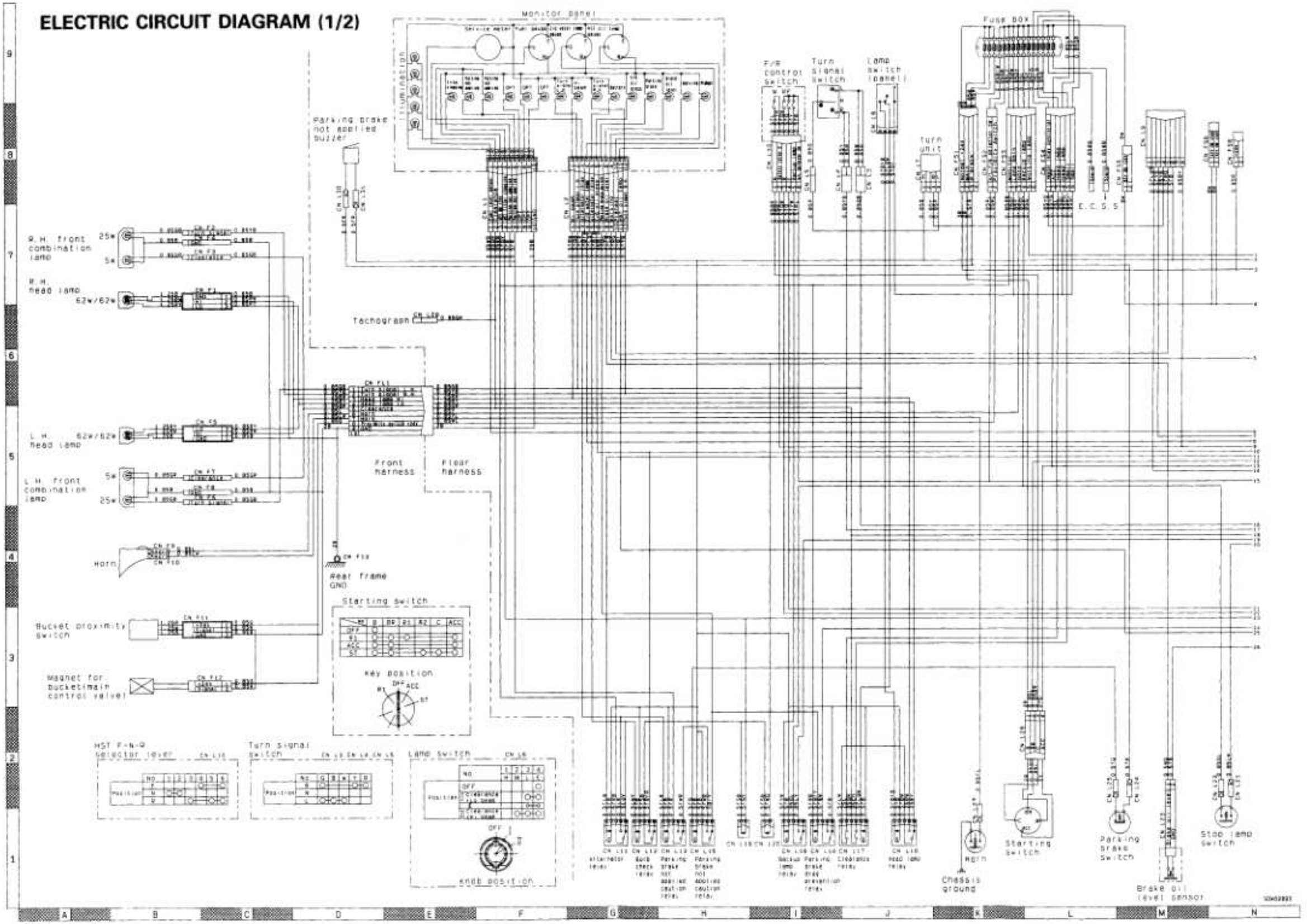
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SPECIFICATIONS

Machine model				WA120-3CS
Serial No.				10004 and up
Weight	Operating weight		kg	6,500
	Distribution (front)		kg	2,960
	Distribution (rear)		kg	3,540
Performance	Bucket capacity (piled) (With tooth)		m^3	1.2
	Rated load		kN (kg)	18.8 (1,920)
	Travel speed	FORWARD Low speed	km/h	12.0
		FORWARD High speed	km/h	32.0
		REVERSE Low speed	km/h	12.0
		REVERSE High speed	km/h	32.0
	Max. rimpull	(Forward)	kN (kg)	42.2 (4,300)
		(Reverse)	kN (kg)	42.2 (4,300)
	Gradeability		deg	25
	Min. turning radius	Center of outside wheel	mm	3,850
		Outside portion of chassis	mm	4,770
Dimensions	Overall length (with tooth)		mm	5,830
	Overall width (chassis)		mm	1,910
	Bucket width		mm	2,140
	Overall height	(top of canopy)	mm	2,800
		(Bucket raised)	mm	4,510
	Wheelbase		mm	2,250
	Tread		mm	1,470
	Min. ground clearance		mm	330
	Height of bucket hinge pin		mm	3,335
	Dumping clearance (tip of tooth)		mm	2,540
	Dumping reach (tip of tooth)		mm	1,065
	Bucket dump angle		deg	45
	Bucket tilt angle (SAE travel posture)		deg	46
	Digging depth (10° dump) (tip of tooth)		mm	300

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ELECTRIC CIRCUIT DIAGRAM (1/2)



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