SEBM006105

SHOP MANUAL

KOMATSU®

avance LOADER

WA380-3

MACHINE MODEL

WA380-3

SERIAL NUMBER

50001 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.

- WA380-3 mount the S6D108 engine.
  For details of the engine, see the 108 Series Engine Shop Manual.

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SPECIFICATIONS

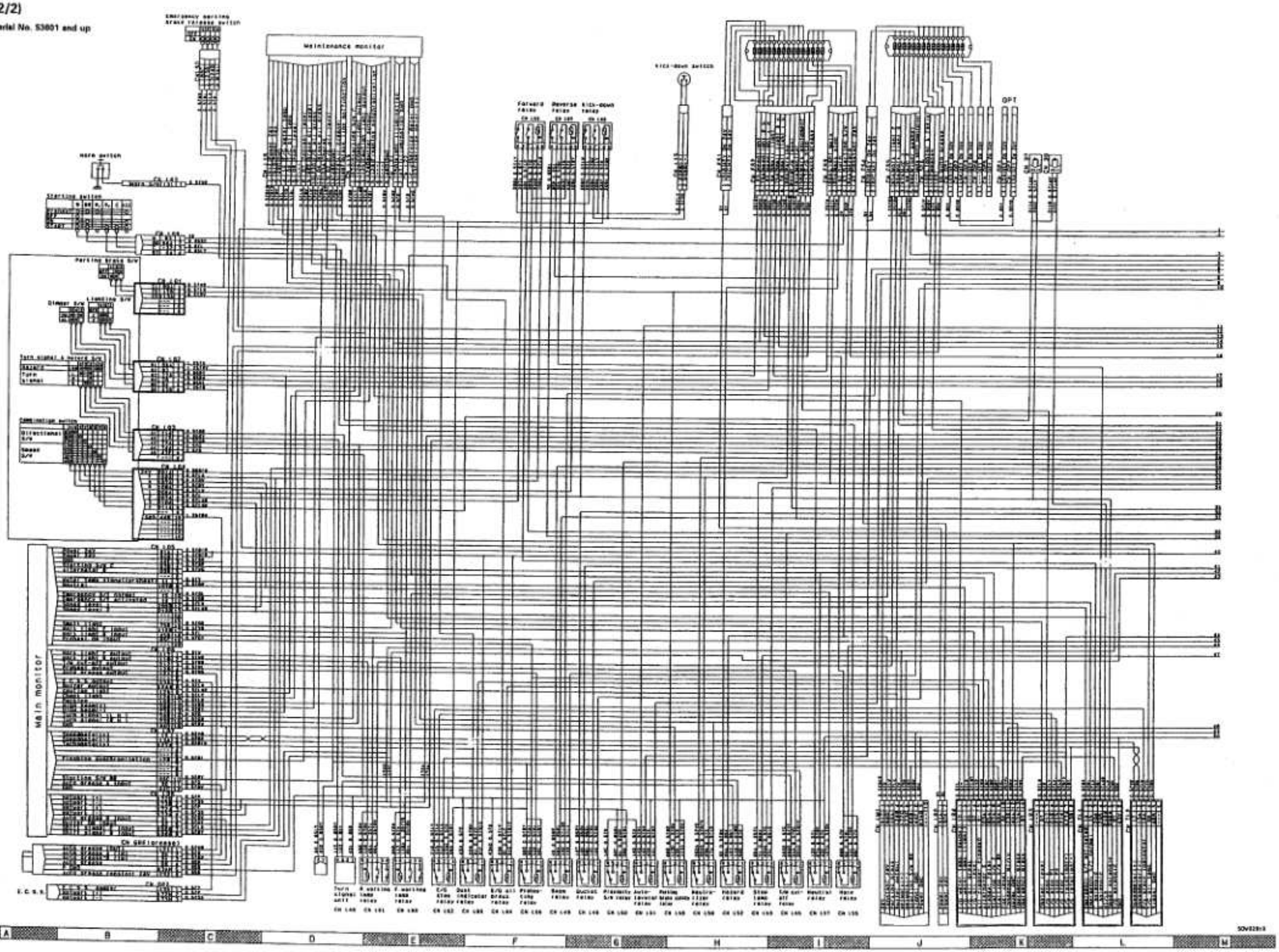
Machine model				WA380-3	
Serial No.				50001-52999	53001 and up
Weight	Operating weight		kg	16,140	16,440
	Distribution (front)		kg	7,960	7,965
	Distribution (rear)		kg	8,180	8,475
Performance	Bucket capacity (piled)		m^3	3.1	3.2
	Rated load		kN (kg)	48.64 (4,960)	50.2 (5,120)
	Travel speed	FORWARD 1st	km/h	7.1	7.1
		FORWARD 2nd	km/h	11.4	11.4
		FORWARD 3rd	km/h	20.2	20.2
		FORWARD 4th	km/h	31.5	31.5
		REVERSE 1st	km/h	7.4	7.4
		REVERSE 2nd	km/h	11.8	11.8
		REVERSE 3rd	km/h	21.0	21.0
		REVERSE 4th	km/h	32.5	32.5
	Max. rimpull		kN (kg)	159.85 (16,300)	159.85 (16,300)
	Gradeability		deg	25	25
	Min. turning radius	Center of outside wheel	mm	5,475	5,475
		Outside portion of chassis	mm	6,370	6,430
Dimensions	Overall length		mm	7,750	7,965
	Overall width (chassis)		mm	2,695	2,695
	Bucket width (with BOC)		mm	2,905	2,905
	Overall height	(top of ROPS cab)	mm	3,395	3,315
		(Bucket raised)	mm	5,345	5,455
	Wheelbase		mm	3,200	3,200
	Tread		mm	2,160	2,160
	Min. ground clearance		mm	390	390
	Height of bucket hinge pin		mm	3,915	4,030
	Dumping clearance (tip of BOC)		mm	2,850	2,925
	Dumping reach (tip of BOC)		mm	1,120	1,170
	Bucket dump angle		deg	49	49
	Bucket tilt angle (SAE carring position)		deg	48	50
	Digging depth (10° dump) (with BOC)		mm	340	345

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Serial No. 53801 and up



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