SHOP MANUAL

SMEW4200MO

MAX avance

WA420-3

WHEEL LOADER

SERIAL NUMBERS WA420-15001 AND UP

KOMATSU®

⚠ WARNING

- This shop manual may contian attachment and optional equipment that are not available in your area.Please consult your local Komatsu distributor for those items you may require.Materials and specifcations are subjece to change without notice.
- WA420-3 mount the SA6D114 engine.
  For details of the engines,see the 6D114 series Engine shop manual.

KOMATSU (CHANGZHOU) CONSTRUCTION MACHINERY CORP.

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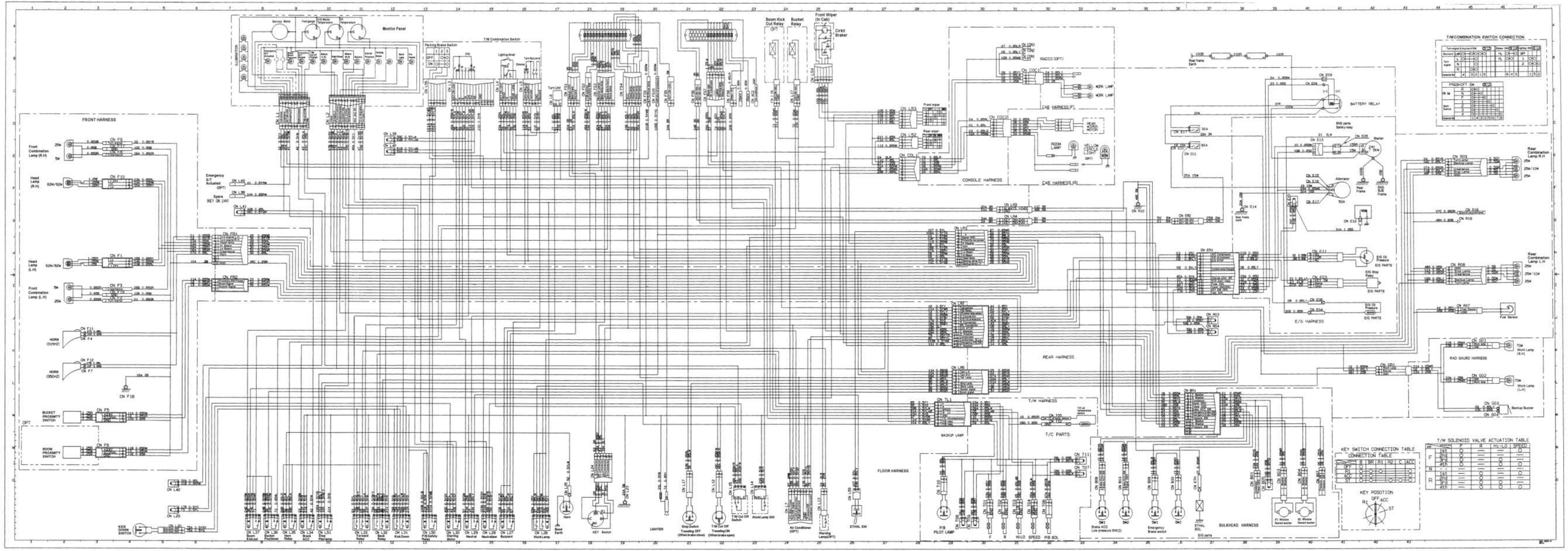
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SPECIFICATIONS

	Machine model			WA420-3
	Serial No.			15001 and up
Weight	Operating weight		(kg)	18, 280
	Distribution (front)		(kg)	9, 560
	Distribution (rear)		(kg)	8, 720
Performance	Bucket capacity (heaped)		(m^3)	3. 5
	Rated load		(kg)	6, 000
	Travel speed	FORWARD 1st	(km/h)	6. 3
		FORWARD 2nd	(km/h)	11. 7
		FORWARD 3rd	(km/h)	20. 5
		FORWARD 4th	(km/h)	32. 8
		REVERSE 1st	(km/h)	6. 6
		REVERSE 2nd	(km/h)	12. 2
		REVERSE 3rd	(km/h)	21. 2
		REVERSE 4th	(km/h)	33. 9
	Max. rimpull		(N (kg))	175, 420 (17, 900)
	Gradeability		(deg)	25. 0
	Min. turning radius	Center of outside wheel	(mm)	5, 650
		Outside portion of chassis	(mm)	6, 695
Dimensions	Overall length		(mm)	8, 315
	Overall width (chassis)		(mm)	2, 820
	Bucket width		(mm)	3, 065
	Overall height (top of cab)		(mm)	3, 430
	(Bucket raised)		(mm)	5, 815
	Wheelbase		(mm)	3, 300
	Min. ground clearance		(mm)	460
	Height of bucket hinge pin		(mm)	4, 250
	Dumping clearance		(mm)	3, 000
	Dumping reach (edge of bucket)		(mm)	1, 210
	Bucket dump angle		(deg)	45
	Bucket tilt angle (travel posture)		(deg)	46
	Digging depth (10° dump)		(mm)	390

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WA420-3 WIRING DIAGRAM



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