SEBM04270104

SHOP MANUAL

KOMATSU®

WA700-1

MACHINE MODEL	SERIAL NO.
WA700-1	**10001 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.

- WA700-1 mount the SA6D170-1 engine.
  For details of the engine, see the 6D170-1 Engine Shop Manual.

MidWestTech | Komatsu WA700-1 Wheel Loader Service Manual | Publication SEBM04270104 Order the manual at mid-west-tech.com >

WEIGHT TABLE

⚠ This weight table is a guide for use when transporting or handling components.

Unit: kg

Machine Model	WA700-1
Serial No.	10001 and up
Engine assembly (dry)	2,860
Radiator assembly (dry)	568
Torque converter assembly (dry)	545
Transmission assembly (dry)	1,680
Damper	170
Upper drive shaft	53
Center drive shaft	81
Front drive shaft	97
Rear drive shaft	75
Center support	67
Front axle assembly	6,010
Rear axle assembly	5,850
Front differential assembly	860
Rear differential assembly	854
Planetary carrier assembly (1 piece)	199
Planetary hub assembly (1 piece)	298
Axle support (Rear axle)	331
Wheel (1 piece)	617
Tire (1 piece)	1,870
Steering valve	45
Steering cylinder (1 piece)	159
Hydraulic tank (dry)	642
Work equipment pump	150
Torque converter charging + cooling + PPC pump	33
Steering + Switch pump	145

042701

MidWestTech | Komatsu WA700-1 Wheel Loader Service Manual | Publication SEBM0... Order the manual at mid-west-tech.com >

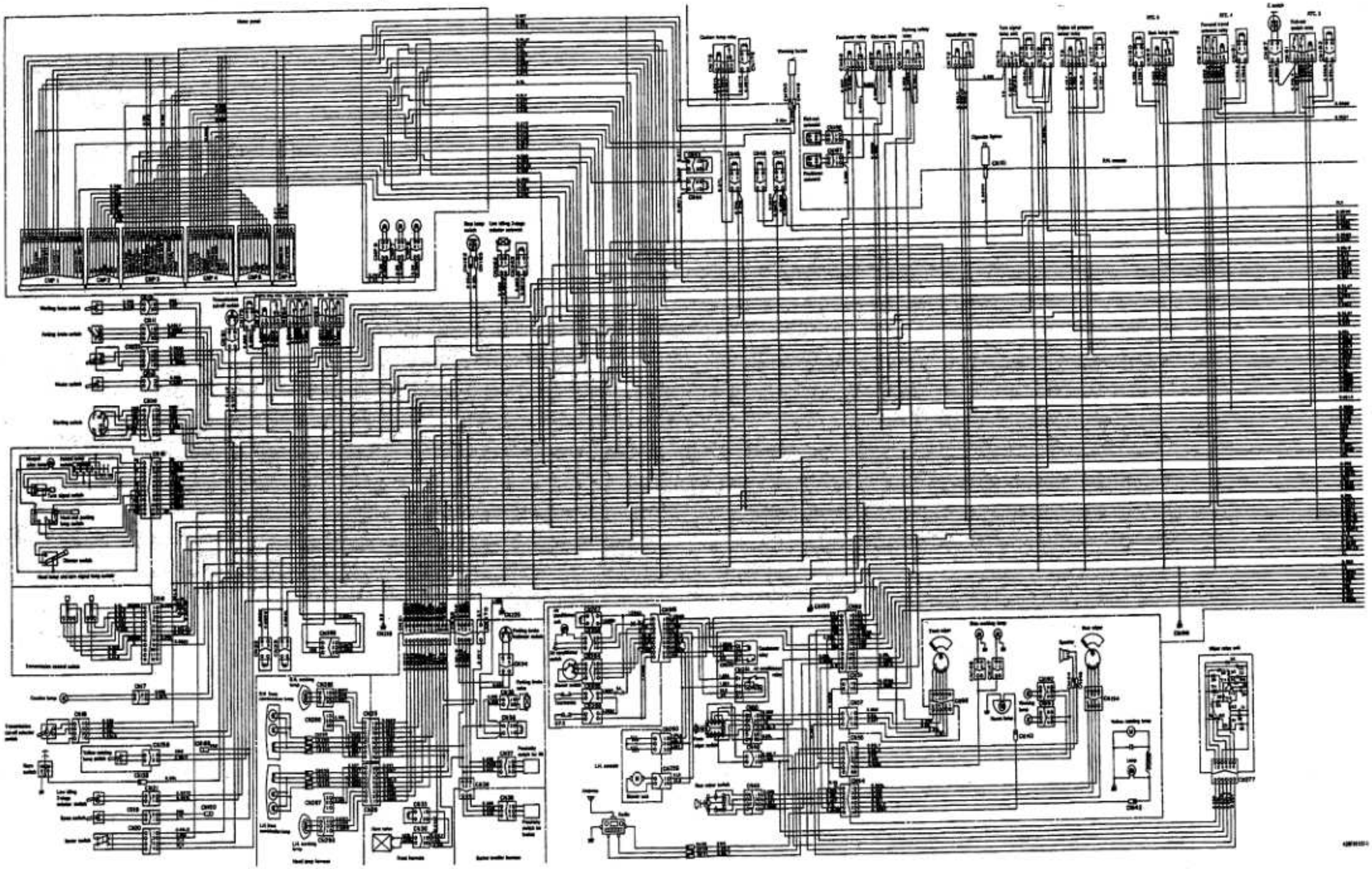
Unit: kg

Machine Model	WA700-1
Serial No.	10001 and up
PPC valve	5.5
Main control valve	95
Lift cylinder (1 piece)	674
Dump cylinder	945
Engine hood	58 (TOP) 31 (Side)
Front frame	4,900
Rear frame	5,700
Bucket link (with bushing)	370
Tilt lever (with bushing)	1,475
Lift arm (with bushing)	5,700
Bucket (with teeth)	6,740
Counterweight	2,325
Fuel tank	566
Battery (1 piece)	64
Cab	310
Air conditioner unit	55
Operator's seat	37
Floor board	348

042701

MidWestTech | Komatsu WA700-1 Wheel Loader Service Manual | Publication SEBM0... Order the manual at mid-west-tech.com >

ELECTRICAL WIRING DIAGRAM CIRCUIT



MidWestTech | Komatsu WA700-1 Wheel Loader Service Manual | Publication SEBM04270104

Order the manual at mid-west-tech.com >