SEBM010303

# SHOP MANUAL

KOMATSU®

avance LOADER CUSTOM

# WA320-3

MACHINE MODEL

**WA320-3 CUSTOM**

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.

- WA320-3 CUSTOM mount the SA6D102E-1 engine.
  For details of the engine, see the 102 Series Engine Shop Manual.

MidWestTech | Komatsu Avance Custom WA320-3 Wheel Loader Service Manual | Publication SEBM010303

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

# SPECIFICATIONS

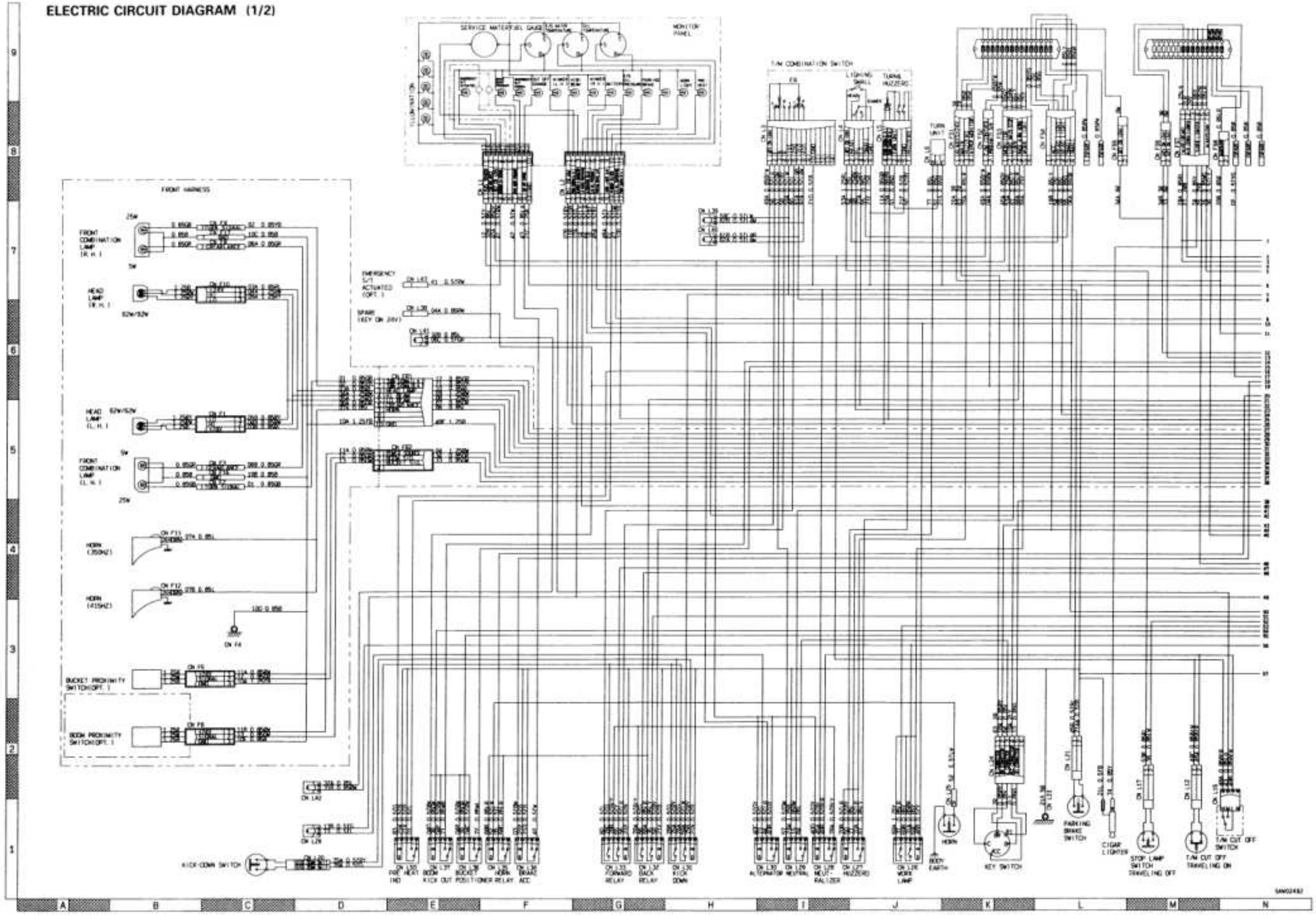
| Machine model | | | | WA320-3 CUSTOM |
|---|---|---|---|---|
| Serial No. | | | | 50001 and up |
| Weight | Operating weight | | kg | 12,970 |
| | Distribution (front) | | kg | 5,875 |
| | Distribution (rear) | | kg | 7,095 |
| Performance | Bucket capacity (piled) | | $m^3$ | 2.7 (with BOC) |
| | Rated load | | N (kg) | 42,365 (4,320) |
| | Travel speed | FORWARD 1st | km/h | 7.5 |
| | | FORWARD 2nd | km/h | 12.0 |
| | | FORWARD 3rd | km/h | 21.0 |
| | | FORWARD 4th | km/h | 34.0 |
| | | REVERSE 1st | km/h | 7.8 |
| | | REVERSE 2nd | km/h | 12.5 |
| | | REVERSE 3rd | km/h | 22.0 |
| | | REVERSE 4th | km/h | 35.0 |
| | Max. rimpull | | N (kg) | 119,640 (12,200) |
| | Gradeability | | deg | 25 |
| | Min. turning radius | Center of outside wheel | mm | 5,160 |
| | | Outside portion of chassis | mm | 6,080 |
| Dimensions | Overall length | | mm | 7,320 |
| | Overall width (chassis) | | mm | 2,585 |
| | Bucket width (with BOC) | | mm | 2,740 |
| | Overall height (top of cab) | | mm | 3,335 |
| | (Bucket raised) | | mm | 5,265 |
| | Wheelbase | | mm | 3,030 |
| | Tread | | mm | 2,050 |
| | Min. ground clearance | | mm | 400 |
| | Height of bucket hinge pin | | mm | 3,885 |
| | Dumping clearance (tip of BOC) | | mm | 2,850 |
| | Dumping reach (tip of BOC) | | mm | 1,035 |
| | Bucket dump angle (fully raised) | | deg | 47 |
| | Bucket tilt angle (SAE carring position) | | deg | 48 |
| | Digging depth (10° dump) (with BOC) | | mm | 295 |

U41903C



MidWestTech | Komatsu Avance Custom WA320-3 Wheel Loader Service Manual | Pu... Order the manual at mid-west-tech.com >

## ELECTRIC CIRCUIT DIAGRAM (1/2)






MidWestTech | Komatsu Avance Custom WA320-3 Wheel Loader Service Manual | Publication SEBM010303
Order the manual at mid-west-tech.com >