PART NO. WLAC50-EN-00

HITACHI

Reliable solutions

Workshop Manual

ZX
145W-6
Wheeled Excavator

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TOLAC50-EN
Technical Manual (Troubleshooting)	: Vol. No.TTLAC50-EN
Workshop Manual	: Vol. No.WLAC50-EN
Engine Manual	: Vol. No.ETLAB50-EN, EWLAB50-EN

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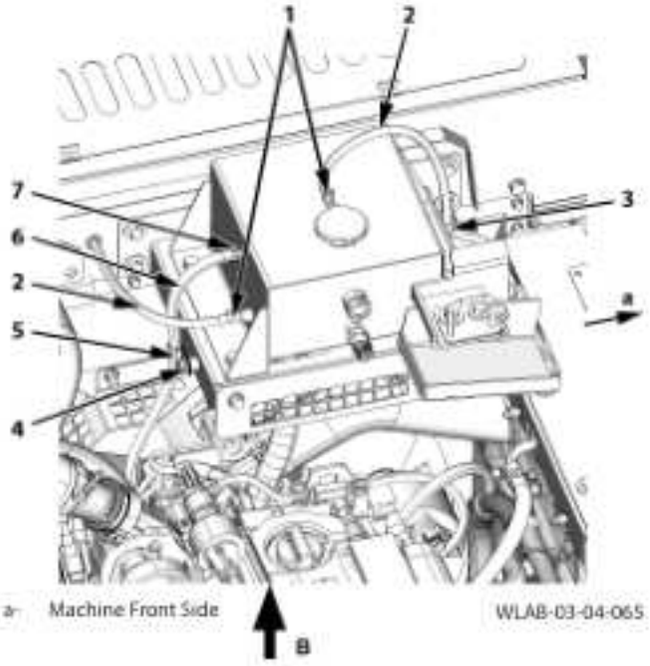
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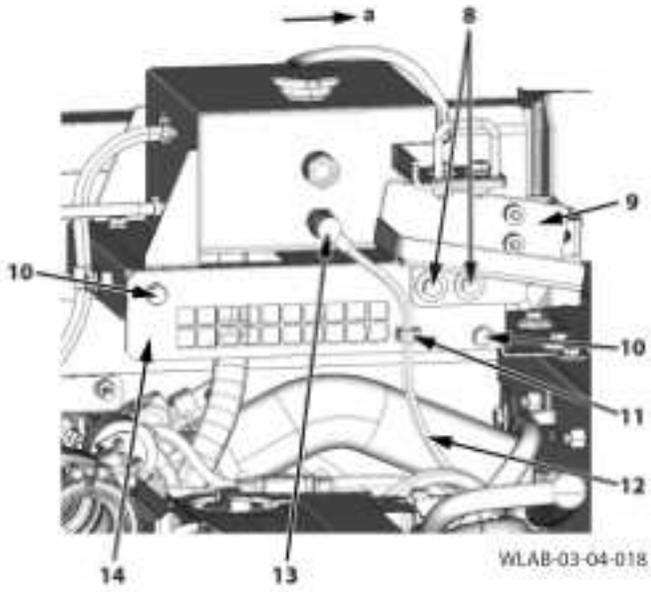
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a- Machine Front Side

WLAB-03-04-065

View B



WLAB-03-04-018

a- Machine Front Side

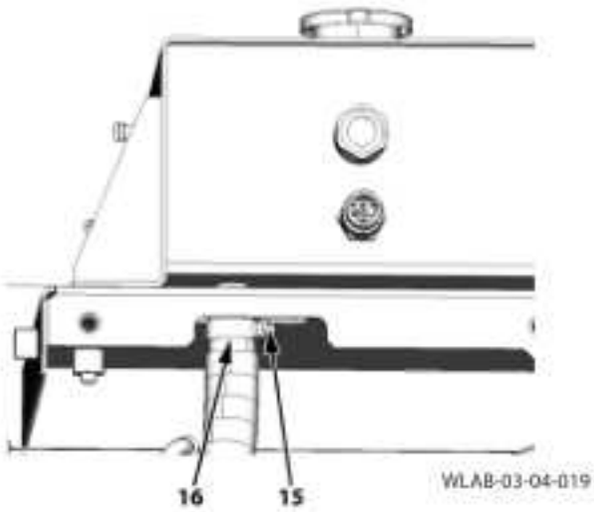
22. Remove clips (1) (2 used) and clip (7). Disconnect hoses (2) (2 used) and hose (6).
23. Disconnect connector (13).
24. Remove bolt, washer (4). Remove hoses (2) (2 used) and wire harness (12) from clips (3, 5, 11).

    : 17 mm
25. Remove bolts, washers (8) (2 used). Remove the bracket (9) assembly.

    : 17 mm
26. Remove bolts, washers (10) (2 used). Remove cover (14).

    : 17 mm
27. Remove clamp (15). Disconnect hose (16).

    : 7 mm



WLAB-03-04-019

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Disassembly of Brake Valve

1. Remove socket bolts (2) (4 used). Remove cover (1) and O-ring (8) from valve casing (3).

   : 10 mm

2. Remove socket bolts (10) (4 used). Remove cover (9) and O-ring (8) from valve casing (3).

   : 10 mm

IMPORTANT: Remove counterbalance valve (4) by rotating. If not, it may be stuck.

3. Slowly remove counterbalance valve (4) from valve casing (3) by rotating.

CAUTION: Spring (12) may fly out when removing plug (11).

4. Remove plugs (11) (2 used), O-rings (14) (2 used), springs (12) (2 used), and check valves (13) (2 used).

   : 36 mm

5. Remove check valves (17) (2 used) from valve casing (3) by using a socket wrench.

6. Remove plug (7) and O-ring (15) from valve casing (3).

7. Remove shuttle valve (16) from valve casing (3).

   : 4 mm

8. Remove plug (5) from valve casing (3).

9. Remove orifice (6) from valve casing (3).

   : 3 mm

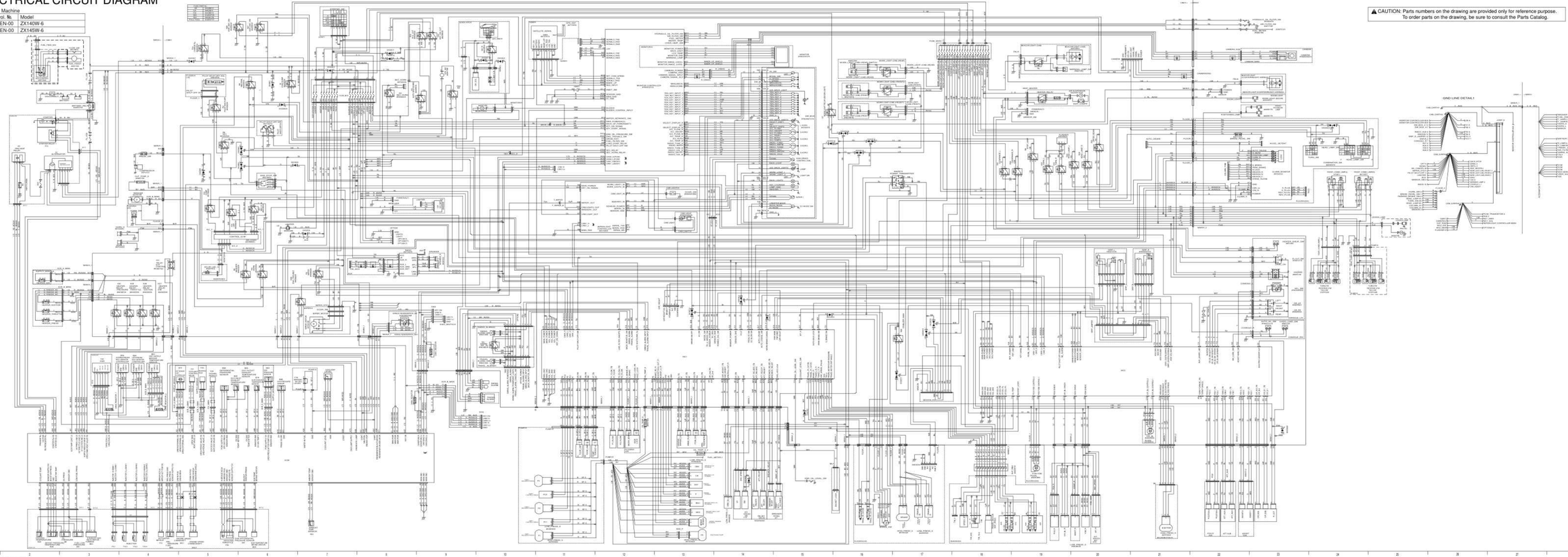
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ELECTRICAL CIRCUIT DIAGRAM

Applicable Machine

Attach to vol. No.	Model
TTLAB50-EN-00	ZX140W-6
TTLAC50-EN-00	ZX145W-6

⚠ CAUTION: Parts numbers on the drawing are provided only for reference purpose.
To order parts on the drawing, be sure to consult the Parts Catalog.



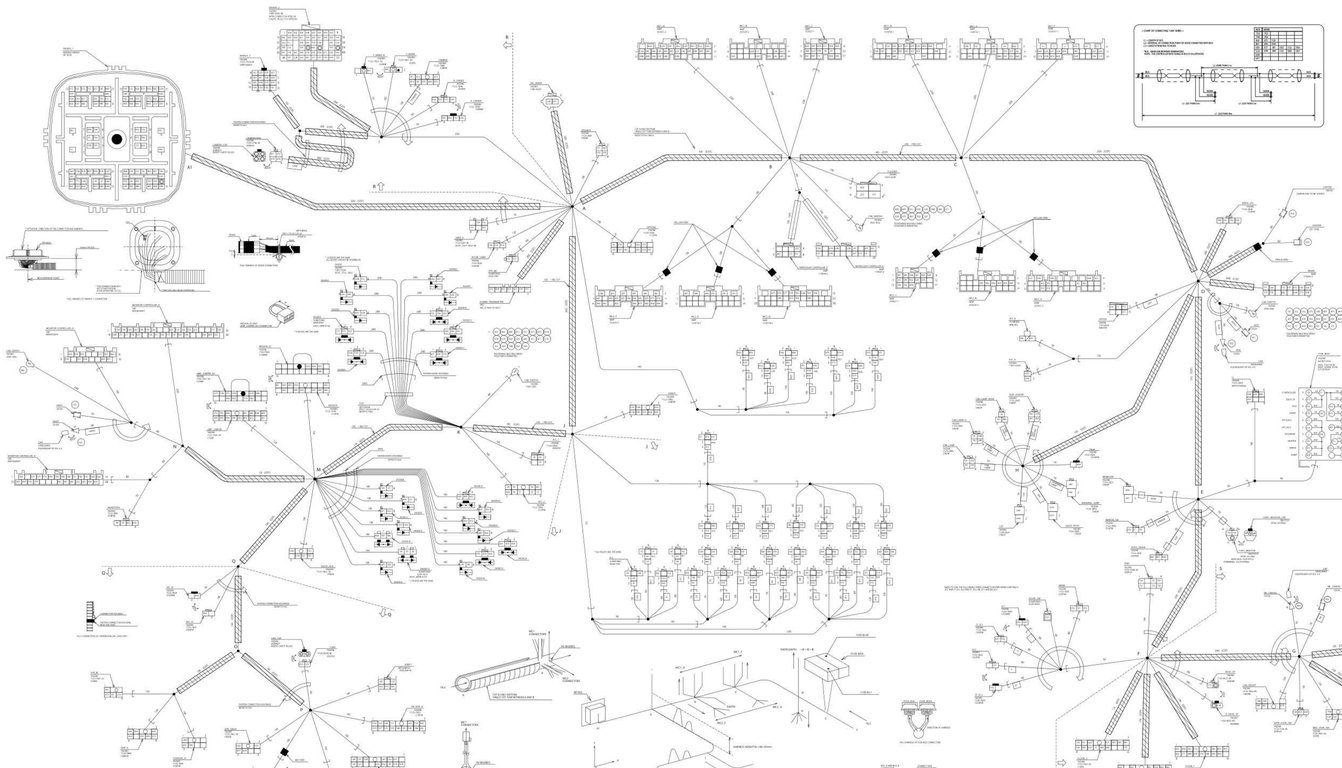
TTLAC50-EN-00(20170131)

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CAB HARNESS

Applicable Machine

Attach to vol. No.	Model
YTLAB50-EN-00	ZX140W-6
TTLAC50-EN-00	ZX140W-6



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