PART NO. WDDD-EN-OP-00

HITACHI

Reliable solutions

Workshop Manual

ZX 210LC-5B 330-5 class

330LC-5G · 350LC-5B

Telescopic Arm (Rope type)

Serial No.	ZX210LC-5B	300001 and up
	ZX330LC-5G	400001 and up
	ZX350LC-5B	070008 and up
	Serial Front No.	U3001 and up

Service Manual consists of the following separate Part No.

Technical Manual	: Vol. No.TDDD-EN-OP
Workshop Manual	: Vol. No.WDDD-EN-OP

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SECTION 5
SPECIAL ATTACHMENT



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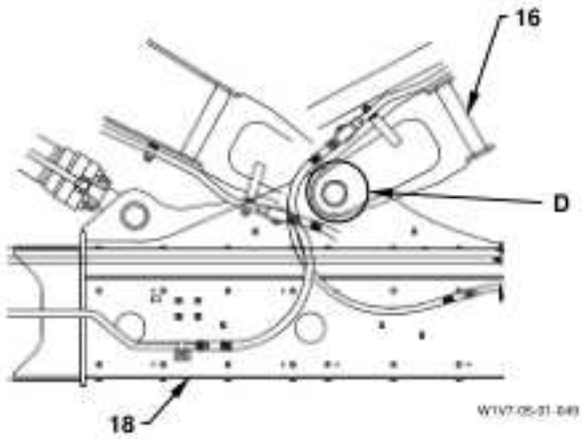
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Installation

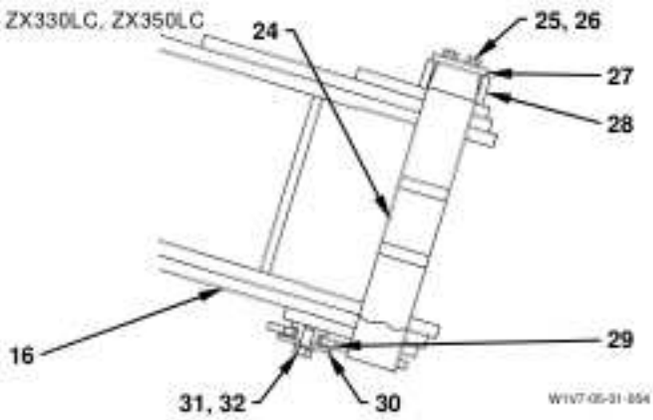
CAUTION: The telescopic arm (18) assembly weight:
ZX330LC-5, ZX350LC-5: 5550 kg (12500 lb)
ZX200LC-5, ZX210LC-5: 3330 kg (7350 lb)

CAUTION: Pin (24) weight:
ZX330LC-5, ZX350LC-5: 51 kg (115 lb)
ZX200LC-5, ZX210LC-5: 31 kg (70 lb)

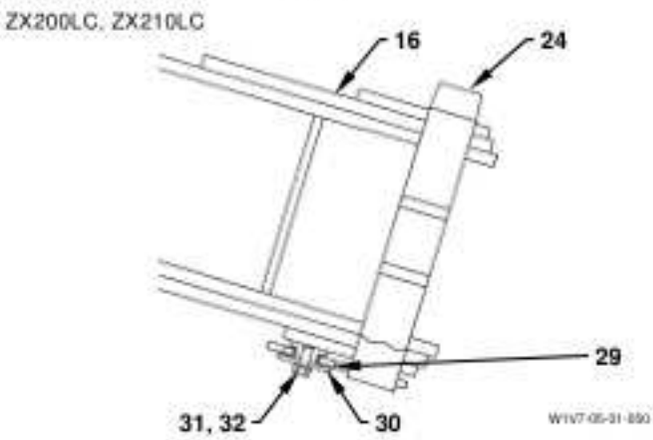
1. Start the engine. Operate the boom lever and align boom (16) with the hole on telescopic arm (18).



2. Attach a nylon sling onto pin (24). Hoist and insert pin (24) into the pin hole. Secure pin (24) to boom (16) with block (29), plate (30), spring washer (32) and bolt (31).
   ZX330LC-5, ZX350LC-5
   : 32 mm
   : 550 N·m (56 kgf·m, 405 lbf·ft)
   ZX200LC-5, ZX210LC-5
   : 27 mm
   : 300 N·m (30.5 kgf·m, 221 lbf·ft)



Detail D



Detail D

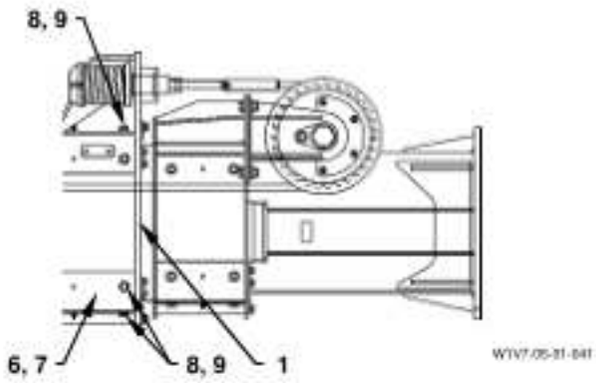
Only for ZX330LC-5, ZX350LC-5

3. Install spacer (28) to pin (24). Secure spacer (28) to pin (24) with stopper (27), washers (26) (2 used) and bolts (25) (3 used).
   : 27 mm
   : 300 N·m (30.5 kgf·m, 221 lbf·ft)

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CAUTION: When removing slide plate (6), attach a nylon sling onto second arm (2) and remove slide plate (6) by moving around.

5. Remove bolts (8) (16 used) and washers (9) (16 used) from first arm (1). Remove slide plates (6) (8 used) and shim (7) from first arm (1).
   : 19 mm

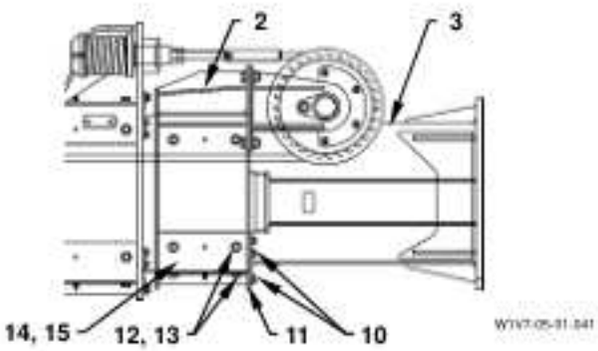


CAUTION: As slide plate (14) is adjusted with shim (15), assign a number for each set and keep it in order to easily get back to the original position.

6. Remove sems bolts (10) (8 used) from stoppers (11) (4 used). Remove stoppers (11) (4 used) from second arm (2).

CAUTION: When removing slide plate (14), attach a nylon sling onto third arm (3) and remove slide plate (14) by moving around.

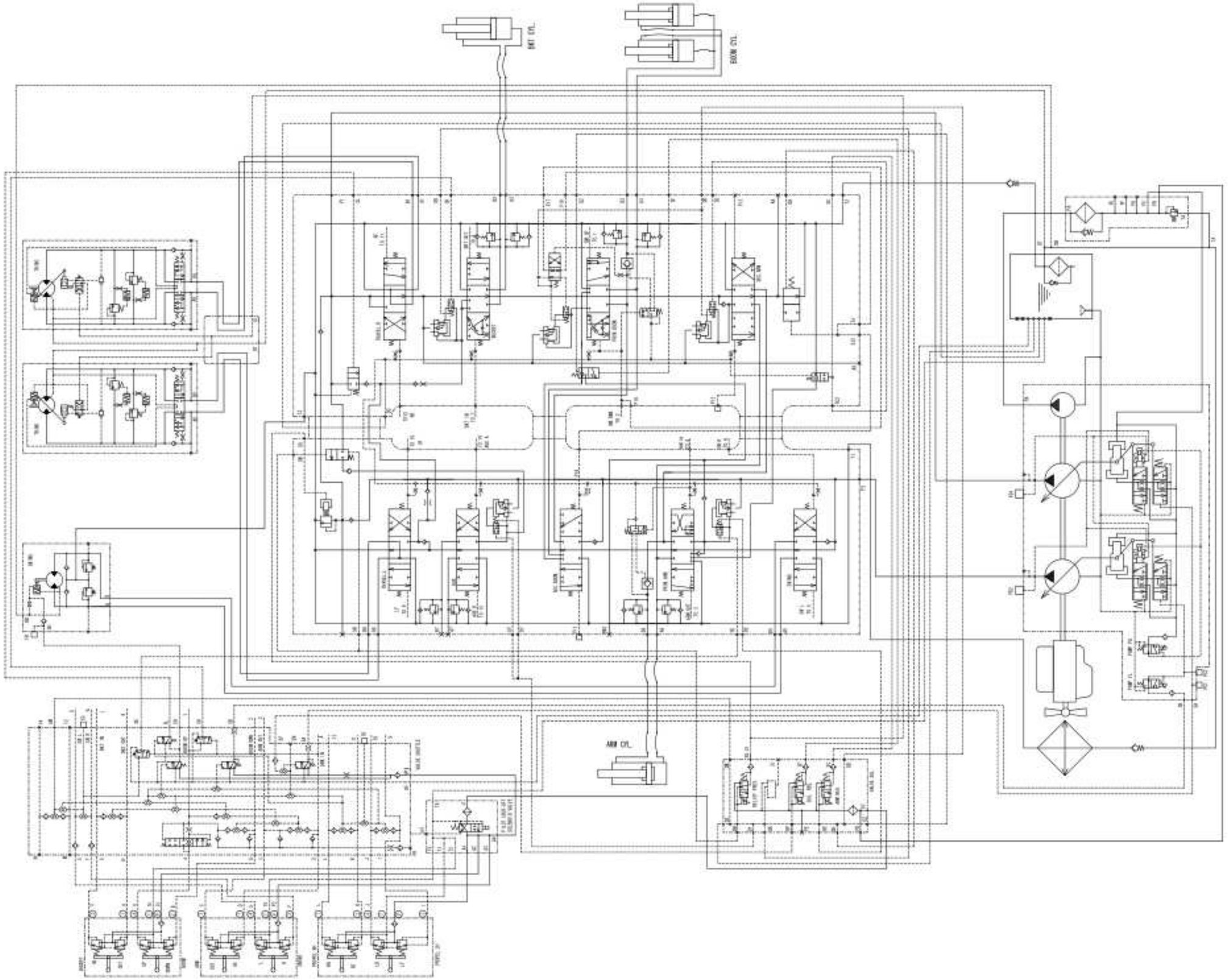
7. Remove bolts (12) (16 used) and washers (13) (16 used) from second arm (2). Remove slide plates (14) (8 used) and shim (15) from second arm (2).
   : 19 mm



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Attach to Vol. No. : TTDCD-EN-00, TTDDE-EN-00

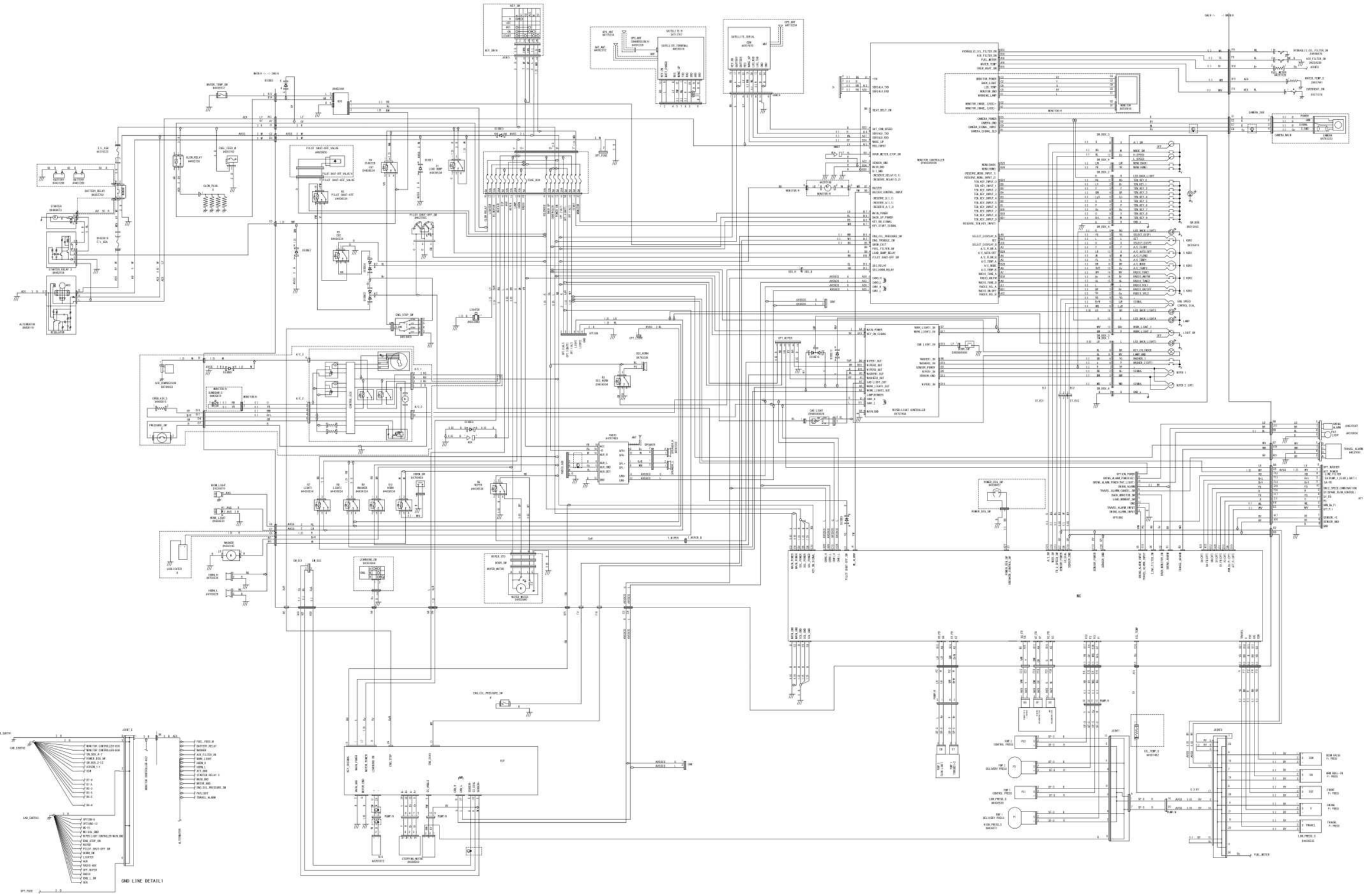
ZX200-5G HYDRAULIC CIRCUIT DIAGRAM (STANDARD)



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ZX200-5G/330-5G ELECTRICAL CIRCUIT DIAGRAM

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.



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