PART NO. WLBE50-EN-00

HITACHI

Reliable solutions

Workshop Manual

ZX170W-6

Wheeled Excavator

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TOLBE50-EN
Technical Manual (Troubleshooting)	: Vol. No.TTLBE50-EN
Workshop Manual	: Vol. No.WLBE50-EN
Engine Manual	: Vol. No.ETDC150-EN, EWDC150-EN

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Maintenance Standard Terminology

"Standard"

1. Dimension for parts on a new machine.
2. Dimension of new components or assemblies adjusted to specification. Allowable errors will be indicated if necessary.

"Allowable Limit"

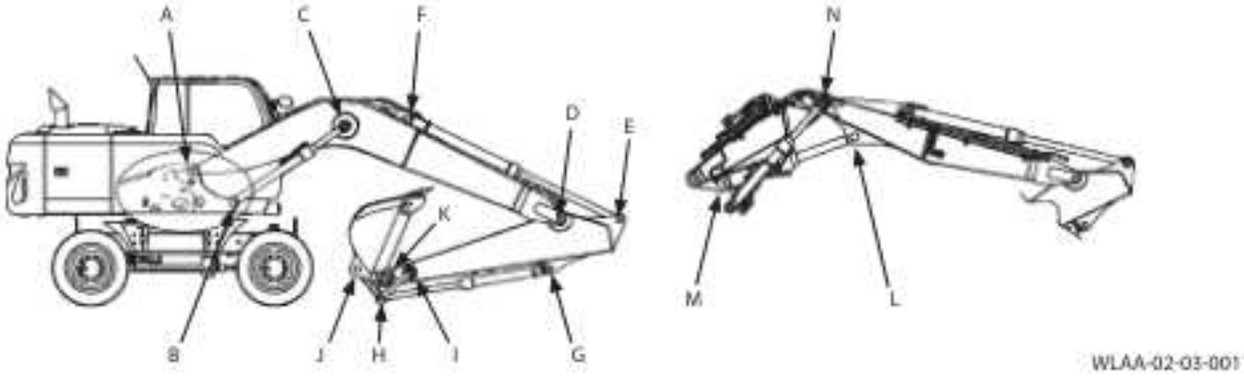
1. Normal machine performance cannot be accomplished after exceeding this limit.
2. Repair or adjustment is difficult after exceeding this limit.
3. Repair or adjustment is impossible after exceeding this limit.
   Therefore, in consideration of operation efficiency and maintenance expense, proper maintenance shall be carried out before reaching the "Allowable Limit".

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Pin and Bushing

Monoblock boom

2-piece boom



WLAA-02-03-001

Unit: mm

	Part Name	Standard	Allowable Limit	Remedy
A	Pin	80	79	Replace
	Bushing (Main Frame)	80	81.5	
	Bushing (Boom)	80	81.5	
B	Pin	80	79	
	Boss (Main Frame)	80	81.5	
	Bushing (Boom Cylinder)	80	81.5	
C	Pin	80	79	
	Bushing (Boom Cylinder)	80	81.5	
	Boss (Boom)	80	81.5	
D	Pin	80	79	
	Boss (Boom)	80	81.5	
	Bushing (Arm)	80	81.5	
E	Pin	71	70	
	Boss (Arm)	71	72.5	
	Bushing (Arm Cylinder)	71	72.5	
F	Pin	71	70	
	Boss (Boom)	71	72.5	
	Bushing (Arm Cylinder)	71	72.5	

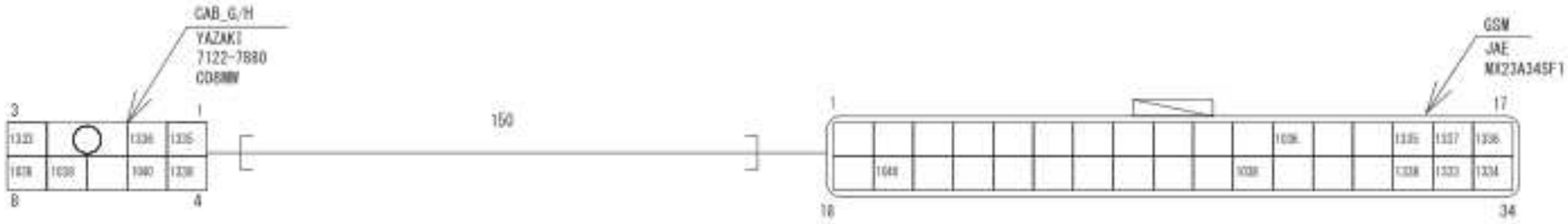
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GSM (MOBILE COMMUNICATION TERMINAL) HARNESS

Applicable Machine

Attach to Vol. No.	Model
TTDAQ50-EN-00	ZX130-6/130LCN-6
TTDAS50-EN-00	ZX135US-6
TTDBR50-EN-00	ZX160LC-6
TTDBS50-EN-00	ZX190LC-6/190LCN-6
TTDC450-EN-00	ZX210-6/210LC-6/210LCN-6/240N-6
TTDFB50-EN-00	ZX225USLC-6/225USRLC-6
TTDC150-EN-01	ZX250LC-6/250LCN-6
TTDDN50-EN-01	ZX300LC-6/300LCN-6
TTDDQ50-EN-01	ZX350LC-6/350LCN-6
TTJAG50-EN-00	ZX470-6/470LC-6/490H-6/490LCH-6/490LCR-6/490R-6/530LCH-6/530LCR-6
TTJBK40-EN-00	ZX670LC-6/690LCH-6/690LCR-6
TTJBL40-EN-00	ZX870-6/870LC-6/890H-6/890LCH-6/890LCR-6/890R-6
TTLAB50-EN-00	ZX140W-6
TTLAC50-EN-00	ZX145W-6
TTLBE50-EN-00	ZX170W-6
TTLBF50-EN-00	ZX190W-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.



WIRE			FROM		TO		WIRE
Label	Size	Color	UNIT	PIN	UNIT	PIN	Kind
1036	0.3	R	GSM	12	CAB_G/H	8	AVSS
1038	0.3	WL	GSM	28	CAB_G/H	7	AVSS
1040	0.3	RW	GSM	19	CAB_G/H	5	AVSS
1333	0.5	B	GSM	33	CAB_G/H	3	AVSS
1334	0.5	B	GSM	34	(1333)		AVSS
1335	0.5	RB	GSM	15	CAB_G/H	1	AVSS
1336	0.5	L	GSM	17	CAB_G/H	2	AVSS
1337	0.5	L	GSM	16	(1336)		AVSS
1338	0.5	LY	GSM	32	CAB_G/H	4	AVSS

TTLBE50-EN-00



* MAKE No. 1040 LONG

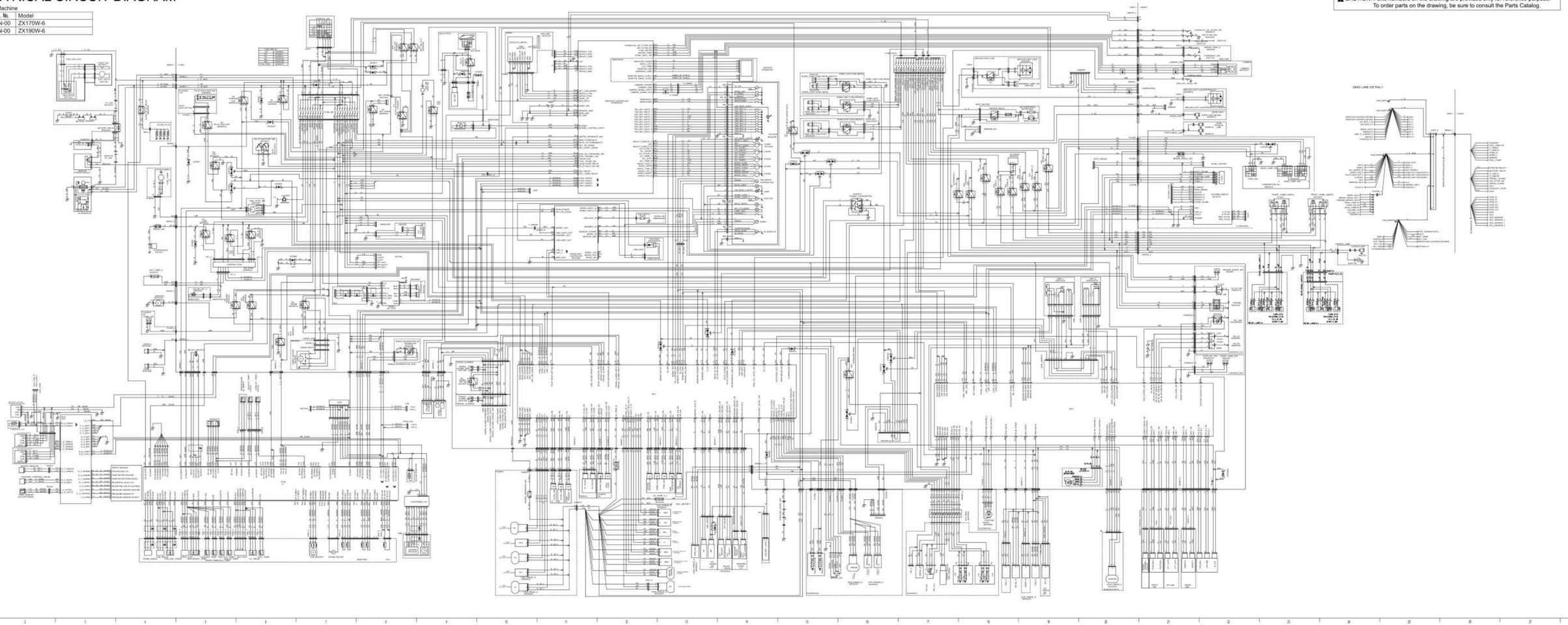
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ELECTRICAL CIRCUIT DIAGRAM

Applicable Machine

Attach to vol. No.	Model
TTLBE50-EN-00	ZX170W-6
TTLBF50-EN-00	ZX190W-6

⚠ CAUTION: Parts numbers on the drawing are provided only for reference purpose.
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