PART NO. WDDN50-EN-01

HITACHI

Reliable solutions

Workshop Manual

ZX
300LC-6
300LCN-6
Hydraulic Excavator

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TODDN50-EN
Technical Manual (Troubleshooting)	: Vol. No.TTDDN50-EN
Workshop Manual	: Vol. No.WDDN50-EN
Engine Manual	: Vol. No.ETDDN50-EN, EWDDN50-EN

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SECTION 1

GENERAL

CONTENTS

Group 1 Precautions for Disassembling and Assembling

Precautions for Disassembling and Assembling W1-1-1-1

Group 2 Tightening

Tightening Bolts and Nuts W1-2-1-1
Piping Joint W1-2-1-4

Group 3 Painting

Painting W1-3-1-1

Group 4 Bleeding Air

Bleeding Air from Hydraulic System W1-4-1-1
Bleeding Air from Fuel System W1-4-1-2
Air Bleeding from the Diesel Exhaust Fluid Defrosting Piping W1-4-1-4

Group 5 Preparation

Preparation before Inspection and Maintenance W1-5-1-1
Hydraulic Circuit Pressure Release Procedure W1-5-1-3
Pressure Release from Hydraulic Oil Tank W1-5-1-4
Pressure Release from Expansion Tank W1-5-1-5

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SECTION 2

MAINTENANCE STANDARD

CONTENTS

Group 1 Upperstructure

Pump Device W2-1-1-1
Swing Motor W2-1-2-1

Group 2 Undercarriage

Travel Motor W2-2-1-1
Sprocket W2-2-1-3
Front Idler W2-2-2-1
Upper Roller W2-2-3-1
Lower Roller W2-2-3-2
Track W2-2-4-1

Group 3 Front Attachment

Pin and Bushing W2-3-1-1
Side Cutter (2021232, 2021233) W2-3-1-3
Point (4512365) W2-3-1-4
Standard Dimensions for Arm and Bucket Connection W2-3-1-5
Standard Dimensions for Arm and Boom Connection W2-3-1-6
Cylinder W2-3-2-1

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SECTION 3

UPPERSTRUCTURE

CONTENTS

Group 1 Cab
Removal and Installation of Cab W3-1-1-1
Dimensions of Cab Glass W3-1-2-1

Group 2 Counterweight

Group 3 Main Frame
Removal and Installation of Main Frame W3-3-1-1

Group 4 Engine
Removal and Installation of Engine W3-4-1-1

Group 8 Pump Device
Removal and Installation of Pump Device W3-8-1-1
Removal and Installation of Coupling W3-8-2-1
Disassembly of Pump Device W3-8-3-1
Assembly of Pump Device W3-8-3-9
Disassembly of Regulator W3-8-4-1
Assembly of Regulator W3-8-4-3
Disassembly of Solenoid Valve Unit W3-8-5-1
Assembly of Solenoid Valve Unit W3-8-5-3
Structure of Pilot Pump W3-8-6-1

Group 9 Control Valve
Removal and Installation of Control Valve W3-9-1-1
Disassembly of Housing W3-9-2-1
Assembly of Housing W3-9-2-3
Disassembly of Control Valve (A Side) W3-9-3-1
Assembly of Control Valve (A Side) W3-9-3-9
Disassembly of Control Valve (B Side) W3-9-4-1
Assembly of Control Valve (B Side) W3-9-4-10

Group 10 Swing Device
Removal and Installation of Swing Device W3-10-1-1
Disassembly of Swing Reduction Gear W3-10-2-1
Assembly of Swing Reduction Gear W3-10-2-6
Disassembly of Swing Motor W3-10-3-1
Assembly of Swing Motor W3-10-3-4

Group 11 Pilot Valve
Removal and Installation of Pilot Valve (Left) W3-11-1-1
Removal and Installation of Pilot Valve (Right) W3-11-2-1
Removal and Installation of Travel Pilot Valve W3-11-3-1
Disassembly of Pilot Valves (Right and Left) W3-11-4-1
Assembly of Pilot Valves (Right and Left) W3-11-4-4
Disassembly of Travel Pilot Valve W3-11-5-1
Assembly of Travel Pilot Valve W3-11-5-5

Group 12 Solenoid Valve
Removal and Installation of Pilot Shut-Off Solenoid Valve W3-12-1-1
Removal and Installation of 5-Spool Solenoid Valve Unit W3-12-2-1
Removal and Installation of 2-Spool Solenoid Valve Unit W3-12-3-1
Disassembly of Pilot Shut-Off Solenoid Valve W3-12-4-1
Assembly of Pilot Shut-Off Solenoid Valve W3-12-4-3
Structure of 5-Spool Solenoid Valve Unit W3-12-5-1
Structure of 2-Spool Solenoid Valve Unit W3-12-6-1

Group 13 Signal Control Valve
Removal and Installation of Signal Control Valve W3-13-1-1
Structure of Signal Control Valve W3-13-2-1

Group 14 Aftertreatment Device
Removal and Installation of Aftertreatment Device W3-14-1-1

Group 15 DEF Tank
Removal and Installation of DEF Tank W3-15-1-1

Group 16 Coolant Control Valve
Removal and Installation of Coolant Control Valve W3-16-1-1

Group 17 DEF Supply Module
Removal and Installation of DEF Supply Module W3-17-1-1

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Maintenance Standard Terminology

"Standard"

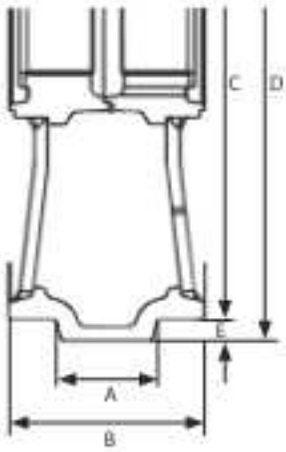
1. Dimension for parts on a new machine.
2. Dimension of new components or assemblies adjusted to specification. Allowable errors will be indicated if necessary.

"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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Front Idler



W166-03-05-001

Unit: mm

	Standard	Allowable Limit	Remedy
A	102	[97]	Build up welding and hand finishing or replace
B	204	-	
C	572	[567]	
D	617	-	
E	22.5	25	

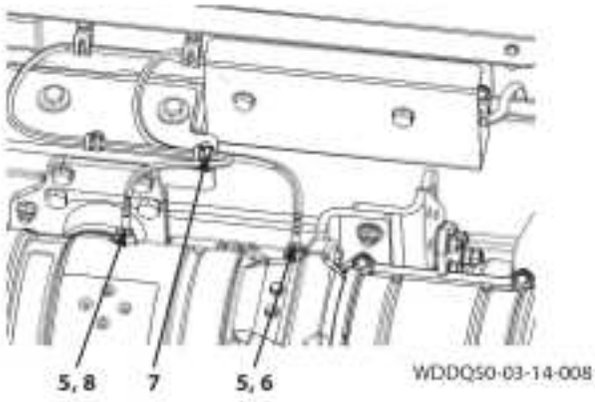
Axle and Bushing

Unit: mm

		Standard	Allowable Limit	Remedy
Axle	Outer Diameter	85.0	[84.2]	Replace
Bushing	Inner Diameter	85.0	[85.8]	
	Flange Thickness	2.0	[1.6]	

NOTE: Values in [ ] are just for reference.

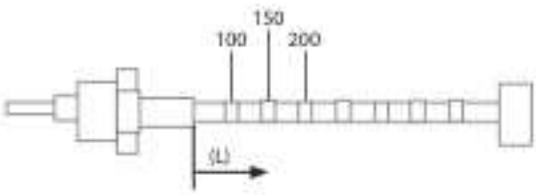
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WDDQS0-03-14-008

Clip (7) Position for Wire Harness (8)

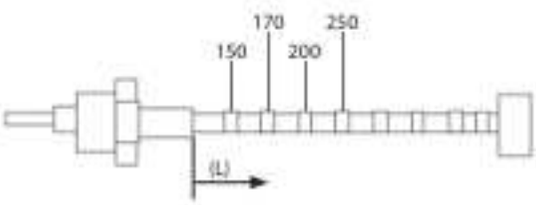
Distance (L) from Sensor (5) (mm)	100	150	200
Color of Mark	White	Yellow	White
Clip No.	-	(7)	-



WDCK-03-14-003

Clip (7) Position for Wire Harness (6)

Distance (L) from Sensor (5) (mm)	150	170	200	250
Color of Mark	Yellow	Red	White	Yellow
Clip No.	(7)	-	-	-



WDCK-03-14-002

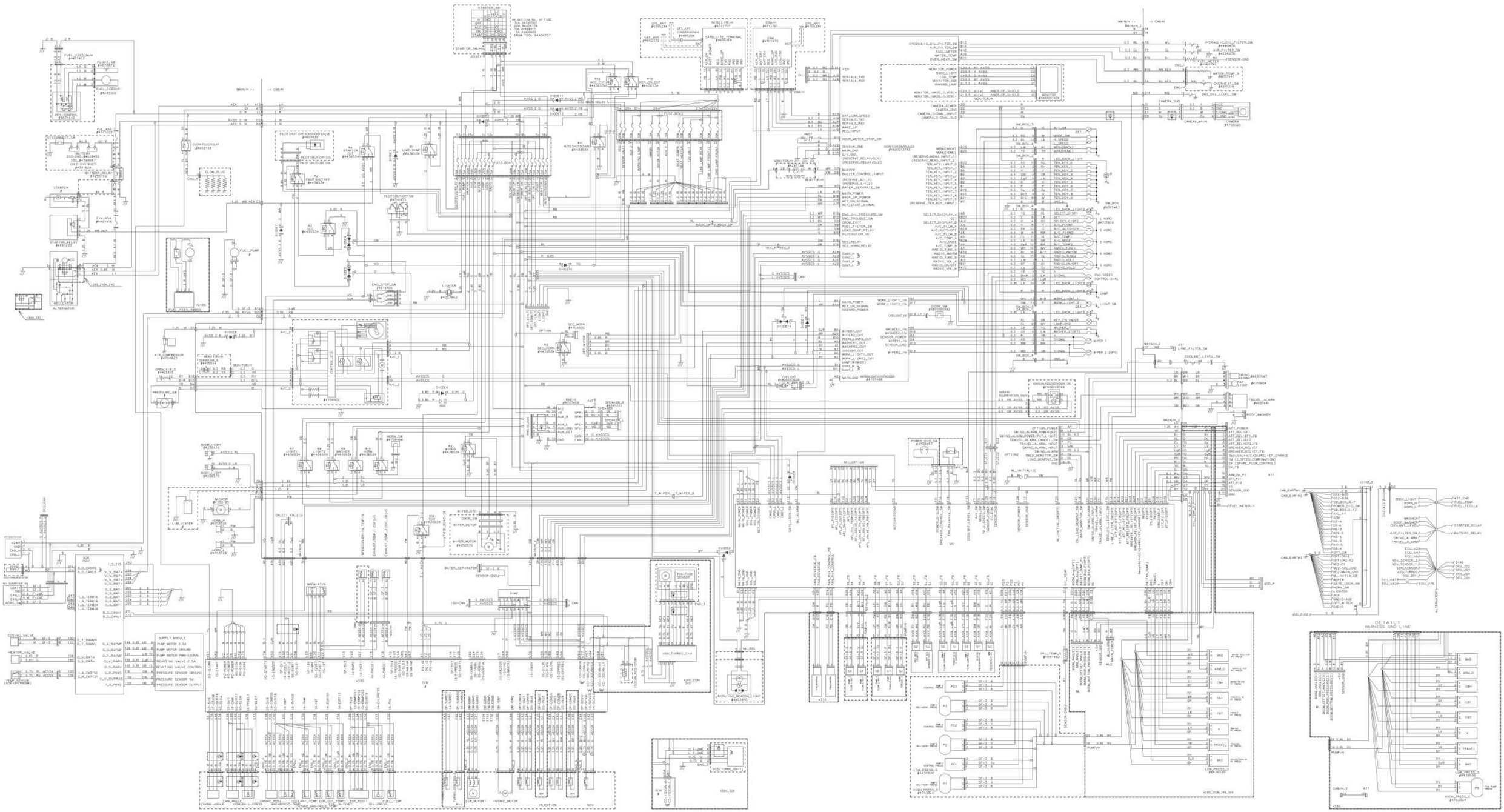
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ELECTRICAL CIRCUIT DIAGRAM

Applicable Machine

Attach to vol. No.	Model
TTDC150-EN-00	ZX250LC-6/ 250LCN-6
TTDDN50-EN-00	ZX300LC-6/ 300LCN-6
TTDDQ50-EN-00	ZX350LC-6/ 350LCN-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.



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