Manual No. : W17VE-00

Workshop Manual

ZAXIS

800

Excavator

HITACHI

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SECTION 1
GENERAL INFORMATION



CONTENTS

Group 1 Precautions for Disassembling and Assembling

Precautions for Disassembling and Assembling..... W1-1-1
Maintenance Standard Terminology..... W1-1-7

Group 2 Tightening Torque

Tightening Torque Specification..... W1-2-1
Torque Chart..... W1-2-2
Piping Joint..... W1-2-5
Periodic Replacement of Parts..... W1-2-9

Group 3 Painting

Painting..... W1-3-1

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SECTION 4
FRONT ATTACHMENT



CONTENTS

Group 1 Front Attachment

Remove and Install Front Attachment.... W4-1-1
Remove and Install Bushing W4-1-8
Maintenance Standard W4-1-10
Standard Dimensions for
Arm and Bucket Connection..... W4-1-13
Standard Dimensions for
Arm and Boom Connection W4-1-14

Group 2 Cylinder

Remove and Install Cylinder W4-2-1
Hydraulic Circuit Pressure
Release Procedure..... W4-2-12
Disassemble Cylinder..... W4-2-14
Assemble Cylinder W4-2-18
Maintenance Standard W4-2-24

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SECTION 5
ENGINE AND ACCESSORY



CONTENTS

General Information

General Repair Instruction....0A-1
Illustration Arrows....0A-2
Abbreviations....0A-3
Nut and Bolt Angular Tightening Method....0A-4
Standard Bolt Torque Specifications....0A-6
Recommended Thread Locking Agents....0A-8
Main Data and Specifications....0A-9
Engine External View Drawing....0A-11
Service Standard....0A-12
Torque Specifications....0A-18
Special Tools....0A-25
Troubleshooting....0A-27
Lubricant Application....0A-37
Sealant Application....0A-37

Service Information

Identification....0B-1
Lubrication System....0B-2
Fuel System....0B-2
Cooling System....0B-6
Valve Clearance Adjustment....0B-6
Compression Pressure Measurement....0B-8
Recommended Lubricants....0B-9
Engine Oil Viscosity Chart....0B-9

Engine Mechanical

Service Precautions....6A-2
General Description....6A-2
Fan Center....6A-4
Turbocharger....6A-8
Exhaust Manifold....6A-10
Inlet Manifold....6A-11
Water Pump....6A-14
Alternator....6A-16
Oil Cooler....6A-18
Injection Pump....6A-20
Coupling Assembly....6A-24
Cylinder Head....6A-27
Rocker Arm and Shaft Assembly....6A-47
Camshaft....6A-52
Timing Gears....6A-57
Flywheel Housing....6A-65
Oil Pan....6A-68
Piston....6A-71
Crankshaft....6A-86
Crank Pulley....6A-97
Flywheel....6A-100
Cylinder Body....6A-102

Engine Cooling

Service Precautions....6B-1
General Description....6B-2
Water Pump....6B-3
Thermostat....6B-8

Engine Fuel

Service Precautions....6C-1
General Description....6C-2
Fuel Filter....6C-5
Injection Nozzle Holder....6C-7
Injection Pump....6C-13

Starting and Charging

Service Precautions....6D3-1
Alternator....6D3-2
Starter Motor....6D3-11

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17. Install retaining ring (9) on shaft (34).

CAUTION: The second stage carrier (8) assembly weight: 44 kg (100 lb)

18. Lift and install the second stage carrier (8) assembly into housing (22) by crane.

CAUTION: Ring gear (3) weight: 32 kg (70 lb)

IMPORTANT: Apply THREEBOND #1215 to ring gear (3) mounting face on housing (22).

19. Align the matching marks put when disassembling, install ring gear (3) on housing (22).

20. Install second stage sun gear (7) into second stage carrier (8).

CAUTION: The first stage carrier (6) assembly weight: 24 kg (50 lb)

21. Lift and install the first stage carrier (6) assembly onto second stage carrier (8).

IMPORTANT: Install first stage sun gear (4) with the stepped end face facing downward (thrust plate (5) side).

22. Install first stage sun gear (4) into first stage carrier (6).

CAUTION: Ring gear (2) weight: 23 kg (50 lb)

IMPORTANT: Apply THREEBOND #1215 to ring gear (2) mating face on ring gear (3).

23. Align the matching marks put when disassembling, install ring gear (2) on ring gear (3).

24. Install cocks (24) (2 used) to housing (22). To shut off the port is just to turn the cock handle to horizontal position.

NOTE: For the positions for cock (24), plug (23), refer to page W2-6-6.

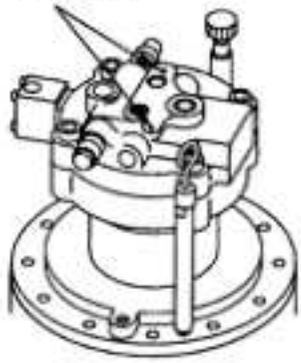
25. Install plug (23) to cock (24).
    Plug: PT 1/2
    : 50 N·m (5.1 kgf·m, 37 lbf·ft)

26. Fill with gear oil.
    Gear Oil: 15 L (3.96 US gal.)

CAUTION: Motor (1) weight: 70 kg (150 lb)

27. Install eyebolts (M10, Pitch 1.5) to motor (1). Lift motor (1) by crane to install it on the swing reducer with bolts (20) (12 used) and spring washers (19) (12 used).
    : 30 mm
    : 110 N·m (11 kgf·m, 80 lbf·ft)

Eyebolt Mounting Positions



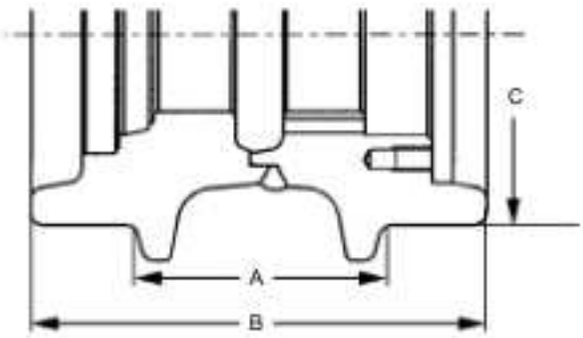
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MAINTENANCE STANDARD

Upper Roller

- Roller



W166-03-06-007

Unit: mm (in)

	Standard	Allowable Limit	Remedy
A	118 (4.6)	–	Clad by welding and finish or replace
B	240 (9.4)	–	
C	200 (7.9)	180 (7.1)	

- Axle and Bushing

Unit: mm (in)

		Standard	Remedy
Axle	Outside Dia.	75 (3.0)	Replace
Bushing	Inside Dia.	75 (3.0)	
	Flange Thickness	4.5 (0.2)	

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