PART NO. WNHD-E-00

HITACHI

Workshop Manual

ZW

550-G

Wheel Loader

Service Manual consists of the following separate Part No.

Technical Manual (Operational Principle)	: Vol. No.TONHD-E
Technical Manual (Troubleshooting)	: Vol. No.TTNHD-E
Workshop Manual	: Vol. No.WNHD-E

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CONTENTS

General Information 00-1
Symbols 00-2
Weight of Main Components 00-3
Bolt Tightening Torque 00-4
Hose Band Tightening Torque 00-8
Liquid Gasket and Screw Lock Agent 00-9
Cautions regarding parts removal 00-9
Cautions regarding reassembly 00-9
Screw lock agent application procedure 00-10
How to wind a seal tape 00-10
Cautions Regarding Welding Repair Service 00-11
Cautions Regarding Handling of Bearing 00-13
Bearing installation cautions 00-13
Interference fits for a bearing 00-13
Bearing removal cautions 00-14
Applying and Storing Articulation Stopper 00-15
Applying articulation stopper 00-15
Storing articulation stopper 00-15
Disassembly & Reassembly Chassis Group 14-1
Deck 14-2
Deck removing and installing 14-2
Fuel Tank 14-4
Fuel tank removing and installing 14-4
Hydraulic Tank 14-6
Hydraulic tank removing and installing 14-6
Engine Room 14-9
Engine room removing and installing 14-9
ROPS and Cab 14-11
ROPS removing and installing 14-11
Cab removing and installing 14-12
Floor Board 14-15
Floor board removing and installing 14-15
Boom 14-19
Boom removing and installing 14-19

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Center Pin 14-23
Upper center pin 14-23
Lower center pin 14-24
Center pin removing and installing 14-25
Service Standard Chassis Group 15-1
Linkage 15-2
Linkage Pin Standard Clearance Values 15-3
Liner clearance adjustment 15-3
Center Pin 15-4
Center pin shim adjustment 15-4
Grease nipple installing 15-4
Bearing assy installing 15-4
Bucket Positioner and Boom Kick-Out 15-5
Bucket positioner 15-6
Attachment leveler adjustable angle 15-6
Boom kick-out 15-7
Disassembly & Reassembly Power Group 24-1
Power Line 24-2
Power line tightening torque 24-2
Radiator 24-3
Radiator tightening torque 24-3
Radiator removing and installing 24-4
Fan 24-7
Fan removing and installing 24-7
Engine 24-9
Engine removing and installing 24-9
Propeller Shaft 24-11
Propeller shaft removing and installing 24-11
Air Cleaner 24-14
Air cleaner removing and installing 24-14
Muffler 24-16
Muffler removing and installing 24-16

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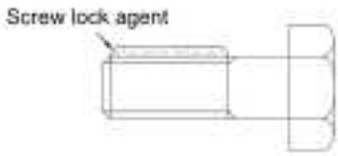
Front Axle Assembly 24-18
Front axle assembly tightening torque 24-18
Front axle assembly removing and installing 24-20
Front axle disassembling and assembling 24-22
Front axle assembly cautions 24-26
Internal Gear Hub 24-32
Internal gear hub disassembling and assembling 24-32
Spider Assembly 24-36
Spider assembly disassembling and assembling 24-36
Special Tool 24-38
Special tool for axle 24-38
Rear Axle Assembly 24-43
Rear axle assembly tightening torque 24-43
Rear axle assembly removing and installing 24-45
Rear axle disassembling and assembling 24-47
Axle Support 24-48
Axle support tightening torque 24-48
Axle support disassembling and assembling 24-49
Axle support disassembling and assembling 24-52
Differential Assembly 24-55
Differential assembly removing and installing 24-55
Differential assembly disassembling and assembling 24-57
Service Standard Power Group 25-1
Propeller Shaft Service Standard 25-2
Axle and Differential Service Standard 25-4
Axle group 25-4
Differential 25-5
Disassembly & Reassembly Torque Converter and Transmission Group 34-1
Torque Converter 34-2
Torque converter removing and installing 34-2
Torque converter disassembling and assembling 34-5
Transmission 34-9
Transmission removing and installing 34-9
Transmission disassembling and assembling 34-15

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Screw lock agent application procedure

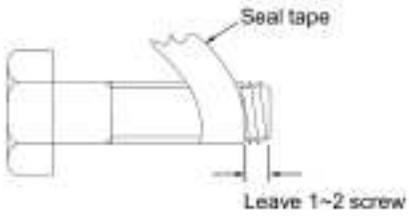
Through-hole

Apply screw lock agent one or two lines on the male threads.



65ZV00002

How to wind a seal tape



65ZV00004

To avoid a piece of seal tape left in the circuit, leave 1 or 2 screws from the end of the thread and start threading it clockwise.

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:

T_1:	137 N-m (14 kgf-m) (101 lb-ft)	Width across flats	17 mm (0.669 in)
T_2:	14.7 N-m (1.5 kgf-m) (11 lb-ft)	Width across flats	5 mm (0.197 in)
T_3:	14.7 N-m (1.5 kgf-m) (11 lb-ft)	Width across flats	5 mm (0.197 in)
T_4:	58.8 N-m (6 kgf-m) (43 lb-ft)	Width across flats	8 mm (0.315 in)
T_5:	98.1 N-m (10 kgf-m) (72 lb-ft)	Width across flats	30 mm (1.181 in)
T_6:	118 N-m (12 kgf-m) (87 lb-ft)	Width across flats	36 mm (1.417 in)
T_7:	16.7 N-m (1.7 kgf-m) (12 lb-ft)	Width across flats	12 mm (0.472 in)
T_8:	78.5 N-m (8 kgf-m) (58 lb-ft)	Width across flats	24 mm (0.945 in)



L_1: Screw lock agent (Loctite® 262) application

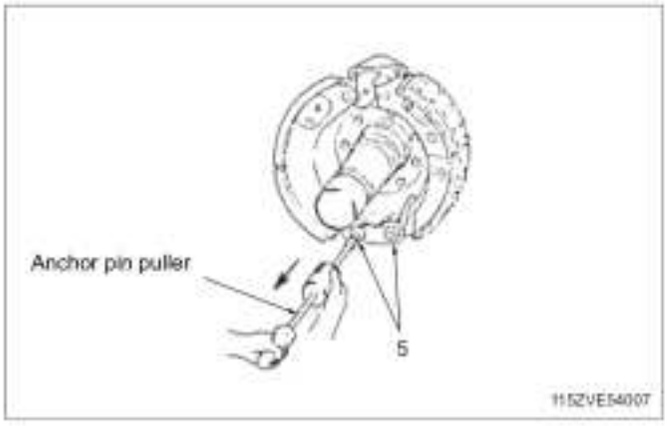
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Parking brake assembly disassembling

IMPORTANT

- Clean the outer surface of the parking brake assembly.
- Place the removed parts according to the disassembly order.
- Carefully remove each part so that it is not scratched or dented.

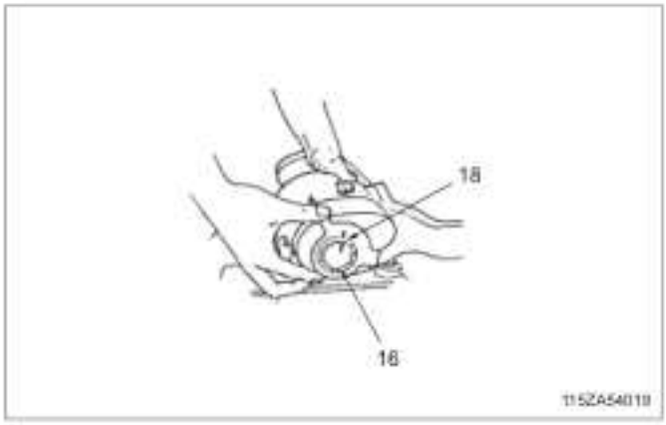
[Refer to the drawing of parking brake assembly when disassembling.]



1. Remove dust cover (50).

   : Bolt (31): 34 N-m (3.5 kgf-m) (25 lb-ft)

2. Remove return spring (23).



3. Remove bolt (8) and lock plate (6).

   : Bolt (8): 34 N-m (3.5 kgf-m) (25 lb-ft)

4. Remove anchor pin (5).

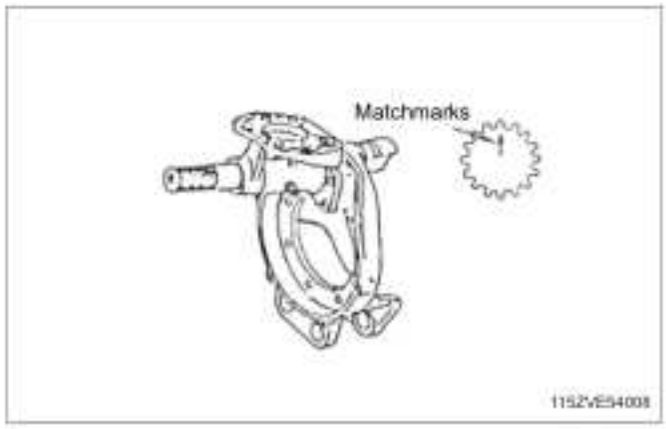
Note

- Use an anchor pin puller using the thread of the anchor pin for ease removing.
  Anchor thread size: M16x1.5
- Apply a coat of grease to the anchor pin when reassembly.

5. Remove cam roller (24) from the brake shoes (21)(22).

Note

Apply a coat of multipurpose-type EP/Moly grease to the inner surface of the cam roller.



6. Remove snap ring (19) and then remove stopper plate (18), spacer (32) and adjuster assembly (17). Align the matchmarks of camshaft (16) and stopper plate (18) and then fix them with stop ring (19) when reassembly.

7. Pull out camshaft (16).

Note

When assembly of the camshaft, insert the shaft so that the end face of the shaft upward.

8. Remove bolt (14) and then remove bracket (9) from anchor bracket (1).

   : Bolt: 157 N-m (16.0 kgf-m) (116 lb-ft)

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