WEAM000904

Operation & Maintenance Manual

WB140-2
WB150-2

BACKHOE-LOADER

SERIAL NUMBER

WB140-2 140F11531 and up

WB150-2 150F10303 and up

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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Page

TABLE OF CONTENTS

FOREWORD 1
INFORMATION ON SAFETY 2
INTRODUCTION 4
INTENDED USES 4
IMPROPER OR UNAUTHORIZED USES 4
MAIN CHARACTERISTICS 5
RUNNING-IN 5
PRODUCT IDENTIFICATION 6
MACHINE SERIAL NUMBER 6
MACHINE IDENTIFICATION PLATE 6
ENGINE SERIAL NUMBER AND EMISSION LABEL 7
FRONT AXLE SERIAL NUMBER 7
REAR AXLE SERIAL NUMBER 7
TRANSMISSION SERIAL NUMBER 8
CAB SERIAL NUMBER 8
CANOPY SERIAL NUMBER 8
SERIAL NUMBERS AND DEALER'S ADDRESS 9

SAFETY AND ACCIDENT PREVENTION

1. GENERAL PRECAUTIONS 12
1.1 • GENERAL SAFETY RULES 12
1.2 • SAFETY DEVICES AND GUARDS 12
1.3 • CLOTHING AND PERSONAL PROTECTION ITEMS 12
1.4 • UNAUTHORIZED MODIFICATIONS 12
1.5 • LEAVING THE OPERATOR'S SEAT 13
1.6 • GETTING ON AND OFF THE MACHINE 13
1.7 • CHECKING THE REAR-VIEW MIRROR 14
1.8 • PREVENTING FIRES DUE TO FUEL AND OIL 14
1.9 • PREVENTING BURNS 14
1.10 • PREVENTING DAMAGE DUE TO ASBESTOS POWDER 15
1.11 • PREVENTING DAMAGE CAUSED BY THE WORK EQUIPMENT 15
1.12 • FIRE EXTINGUISHERS AND FIRST AID KIT 15
1.13 • PRECAUTIONS CONCERNING THE CAB STRUCTURE 16
1.14 • PRECAUTIONS CONCERNING THE EQUIPMENT 16

PRECAUTIONS

2. PRECAUTIONS TO BE TAKEN BEFORE STARTING THE ENGINE 18
2.1 • SAFETY ON THE WORK SITE 18
2.2 • FIRE PREVENTION 18
2.3 • PRECAUTIONS TO BE TAKEN FOR THE OPERATOR'S CAB 18
2.4 • ROOM VENTILATION 19
2.5 • CLEANING WINDOWS, MIRRORS AND LIGHTS - CHECKING THE WINDSHIELD WIPER BLADES AND THE BULBS 19

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		Page
3.	**PRECAUTIONS TO BE TAKEN WHEN WORKING**	**20**
3.1	• STARTING THE ENGINE	20
3.2	• RULES FOR ROAD TRAVEL	20
3.3	• CHECKS FOR TRAVELING IN REVERSE	21
3.4	• MOVING THE MACHINE	22
3.5	• WORKING ON SLOPES	22
3.6	• PREVENTING ELECTROCUTION	23
3.7	• VISIBILITY	24
3.8	• WORKING ON ICY OR SNOW-COVERED SURFACES	24
3.9	• PREVENTING DAMAGE CAUSED BY THE WORK EQUIPMENT	24
3.10	• WORKING ON LOOSE GROUND	24
3.11	• PARKING THE MACHINE	25
4.	**TRANSPORTING THE MACHINE ON OTHER VEHICLES**	**26**
4.1	• LOADING AND UNLOADING	26
4.2	• THE ROUTE	26
5.	**THE BATTERY**	**27**
5.1	• SAFETY PRECAUTIONS FOR WORK ON BATTERIES	27
5.2	• STARTING THE ENGINE WITH JUMP LEADS	28
6.	**PRECAUTIONS FOR EMERGENCY RECOVERY**	**29**
7.	**PRECAUTIONS TO BE TAKEN DURING MAINTENANCE**	**30**
7.1	• WARNING PLATES	30
7.2	• TOOLS	30
7.3	• PERSONAL PRECAUTIONS	30
7.4	• EQUIPMENT	31
7.5	• WORKING UNDER THE MACHINE	31
7.6	• KEEPING THE MACHINE CLEAN	31
7.7	• RUNNING THE ENGINE DURING MAINTENANCE	32
7.8	• PERIODICAL CHANGE OF THE PARTS THAT ARE CRITICAL FOR SAFETY	32
7.9	• RULES FOR REFUELING AND ADDING OIL	33
7.10	• LEVEL OF COOLANT IN THE RADIATOR	33
7.11	• USING LAMPS	33
7.12	• BATTERY AND ALTERNATOR PRECAUTIONS	34
7.13	• PRECAUTIONS CONCERNING THE STARTER	34
7.14	• PRECAUTIONS REGARDING HIGH PRESSURE HOSES	35
7.15	• PRECAUTIONS TO BE TAKEN WHEN WORKING ON HIGH PRESSURE SYSTEMS	35
7.16	• PRECAUTIONS FOR MAINTENANCE WORK INVOLVING HIGH TEMPERATURES AND PRESSURES	35
7.17	• THE RADIATOR COOLING FAN AND FAN BELT	36
7.18	• WASTE MATERIALS	36
7.19	• PRECAUTIONS FOR INFLATING TIRES	36
7.20	• PRECAUTIONS FOR THE INSTALLATION OF THE EXHAUST SYSTEM TAILPIPE	37
7.21	• PRECAUTIONS FOR THE USE OF THE synthetic biodegradable oil type HEES	37
8.	**SAFETY PLATES**	**38**
8.1	• POSITION OF THE SAFETY PLATES	38
8.2	• POSITION OF THE PICTOGRAMS	52
8.3	• PICTOGRAMS AND RELEVANT MEANINGS	54
8.4	• VIBRATIONS TO WHICH THE OPERATOR IS SUBJECTED	57

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Page

TECHNICAL SPECIFICATIONS

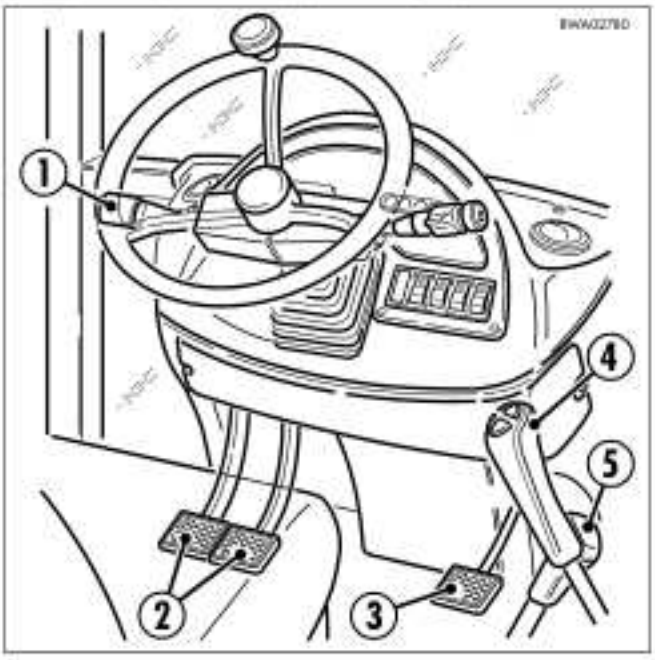
9. TECHNICAL DATA 60
9.1 • STANDARD OVERALL DIMENSIONS 60
9.2 • TECHNICAL CHARACTERISTICS WB140R-2 (ASPIRATED ENGINE) 61
9.3 • TECHNICAL CHARACTERISTICS WB140R-2 (TURBOCHARGED ENGINE) 62
9.4 • TECHNICAL CHARACTERISTICS WB150R-2 63
9.5 • LIFTING CAPACITIES 64
9.5.1 • • SYMBOL TABLE 64
9.5.2 • • LIFTING CAPACITY WB140R-2 65
9.5.3 • • LIFTING CAPACITY WB150R-2 67

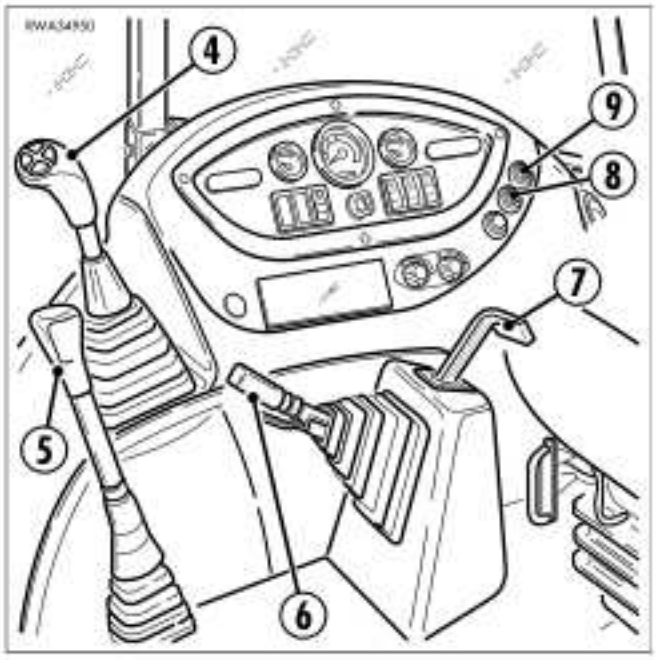
DESCRIPTION AND USE OF THE MACHINE

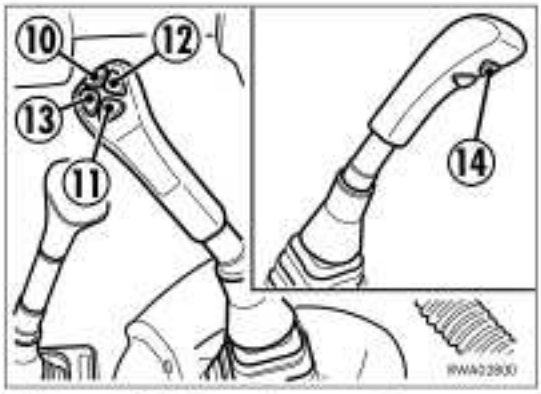
10. SAFETY LOCKS 70
10.1 • FRONT LOADER LOCK 70
10.2 • BACKHOE LOCKS 72
11. GENERAL VIEWS 73
11.1 • FRONT GENERAL VIEW 73
11.2 • BACKHOE GENERAL VIEW 74
11.3 • CAB INSIDE GENERAL VIEW 75
12. INSTRUMENTS AND CONTROLS 76
12.1 • FRONT INSTRUMENTS 76
12.2 • SIDE INSTRUMENTS 80
12.3 • PUSH BUTTONS ON THE FRONT LOADER CONTROL LEVER 85
12.4 • PUSH BUTTON ON THE GEARSHIFT LEVER 86
12.5 • ELECTRICAL ACCESSORIES 86
12.6 • MACHINE CONTROLS 87
13. FUSES AND RELAYS 100
13.1 • EQUIPMENT FUSES AND RELAYS 100
13.2 • ENGINE FUSES AND RELAYS 102
14. GUARDS, CAB AND DRIVER'S SEAT 105
14.1 • ENGINE HOOD 105
14.2 • CANOPY 105
14.3 • CAB 106
14.4 • VENTILATION AND HEATING 108
14.5 • SEAT 109
14.6 • SAFETY BELT 109
14.7 • FIRE EXTINGUISHER 110
14.8 • FIRST AID KIT 110
14.9 • TECHNICAL DOCUMENTATION 110
14.10 • ADDITIONAL TOOL CASE (if provided) 110
15. USE OF THE MACHINE 111
15.1 • CHECKS BEFORE STARTING THE ENGINE 111
15.1.1 • • VISUAL CHECKS 111
15.1.2 • • DAILY CHECKS 111
15.1.3 • • OPERATIONAL CHECKS 112

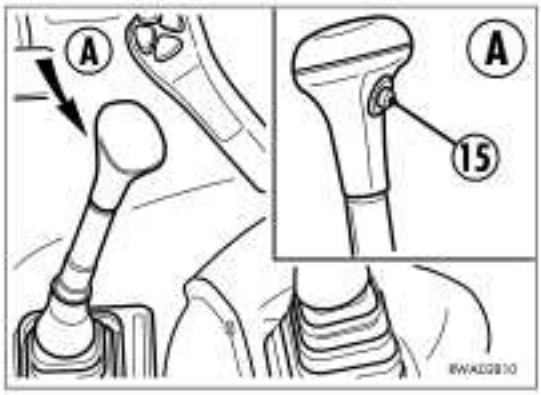
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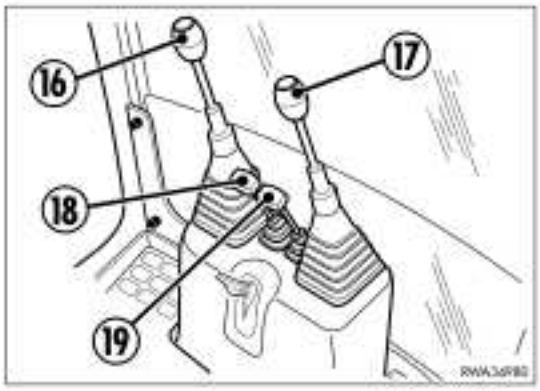
12.6 MACHINE CONTROLS











1 - Directional control lever
2 - Brake pedals
3 - Accelerator
4 - Front loader control lever
5 - Gearshift lever
6 - Parking brake
7 - Hand accelerator
8 - Backhoe boom lock control switch
9 - Available for optional equipment switch
10 - Declutch push button
11 - Differential locking push button
12 - Multipurpose bucket opening control push button
13 - Multipurpose bucket folding control push button
14 - Front loader speed control push button
15 - Declutch push button
16 - Left backhoe control lever
17 - Right backhoe control lever
18 - Left stabilizer control lever
19 - Right stabilizer control lever

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28.8 MAINTENANCE EVERY 500 HOURS OF OPERATION

N.	PART	OPERATION	PAGE
a	Engine oil	Change	182
b	Engine oil filter	Change	183
c	Hydraulic oil drain filter	Change	184
d	Fuel filter	Change	185
e	Fuel tank	Drain condensate	186
f	Hydraulic oil tank (Only for machines with synthetic biodegradable oil)	Drain condensate	187

28.9 MAINTENANCE EVERY 1000 HOURS OF OPERATION

N.	PART	OPERATION	PAGE
a	Front axle	Change oil	188
b	Rear axle	Change oil	189
c	Hydraulic transmission	Change oil	190
d	Hydraulic transmission filter	Change	191
e	Engine valves	Check clearance	191

28.10MAINTENANCE EVERY 2000 HOURS OF OPERATION

N.	PART	OPERATION	PAGE
a	Hydraulic oil and suction filter	Change oil and clean filter	192
b	Coolant	Change	194
c	Braking system oil	Change	196
d	Alternator and starter	Check	196

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30.2 CHARACTERISTICS OF THE OPTIONAL EQUIPMENT FOR MODEL WB140-2

(Specific weight of the material handled = 1.8 tons/cu.m)

MACHINE

EQUIPMENT	MAX. WEIGHT kg (lb)	MAX. DIMENSIONS		MAX. SAE CAPACITY cu.m (cu.yd.)	MAX. OPERATING PRESSURE bar (psi)	MAX. FLOW RATE l/min. (gpm)
		Width mm (inch)	Height mm (inch)			
Front bucket	450 (992)	2320 (91.4)	940 (37)	1.1 (1.44)	— —	— —
Front multipurpose bucket	750 (1654)	2340 (92.1)	1015 (40)	1.00 (1.30)	185 (2682)	75 (19.8)
Forks on front bucket	190 (419)	● ●	● ●	❑ ❑	— —	— —
Pallet forks	320 (706)	1800 (70.8)	800 (31.5)	❑ ❑	— —	— —

BACKHOE

Backhoe bucket	200 (441)	930 (36.6)	— —	0.305 (0.40)	— —	— —
Ditch-cleaning bucket	220 (485)	1600 (63)	— —	0.250 (0.33)	— —	— —
Trapezoidal bucket	190 (419)	2100 (82.6)	900 (35.4)	0.300 (0.40)	— —	— —
Hydraulic hammer	450 (992)	— —	— —	— —	160 (2320)	80 (21.2)
Drill	360 (794)	800 ✱ (31.5) ✱	2000 ▲ (78.7) ▲	— —	200 (2900)	120 (31.7)
Clamshell bucket	350 (772)	650 (25.6)	1800 (70.8)	0.200 (0.26)	200 (2900)	120 (31.7)

● Fork length 1140 mm (44.9 inch)

❑ Max. capacity 2000 kg (4409 lb)

✱ Measure referred to the tool diameter

▲ Measure referred to the tool length

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