CEAM016705

Operation & Maintenance Manual

WB156-5
WB156PS-5

BACKHOE LOADER

SERIAL NUMBERS	WB156-5	A63001 and up
	WB156PS-5	A73001 and up
ENGINE	4D102LE-2	

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TABLE OF CONTENTS

INTRODUCTION

FOREWORD 0-2
SAFETY INFORMATION 0-3
Safety labels 0-4
APPROVED AND NON-APPROVED USES 0-5
Approved Functions 0-5
Non-approved Functions 0-5
PRODUCT INFORMATION 0-6
Main Features 0-6
Breaking-in the New Machine 0-6
Synthetic Biodegradable Oil Types 0-6
PRODUCT IDENTIFICATION 0-7
Machine Serial Number 0-7
Machine Identification Plate 0-7
Engine Serial Number and Emission Label 0-8
Front Axle Serial Number 0-8
Rear Axle Serial Number 0-8
Transmission Serial Number 0-9
Cab Serial Number 0-9
Canopy Serial Number 0-9
SERIAL NUMBERS AND DISTRIBUTOR INFORMATION 0-10
TABLE OF CONTENTS 0-11

SAFETY

SAFETY AND WARNING DECALS 1-2
Location of Safety Decals 1-2
Safety and Warning Decals 1-5
GENERAL SAFETY RULES AND PRECAUTIONS 1-13
General Safety Rules 1-13
If Abnormalities are Found 1-13
Safety at Job Site 1-14
Safety Features 1-14
Clothing and Personal Protective Equipment 1-14
Keep Machine Clean 1-15
Fire and Explosion Prevention 1-15
Fire Caused by Fuel, Oil, Antifreeze, or Window Washer Fluid 1-15
Fire Caused by Accumulation of Flammable Material 1-16
Fire Caused by Electric Wiring 1-16
Fire Caused by Hydraulic Line 1-16
Explosion Caused by Lighting Equipment 1-16
Action if Fire Occurs 1-16
Asbestos Hazard Alert 1-17
Keep Operator's Cab Clean 1-17
Room Ventilation 1-17
Burn Prevention 1-18

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Hot Coolant 1-18
Hot Oil 1-18
PRECAUTIONS FOR OPERATION 1-19
Seat Belt Inspection 1-19
Leaving the Operator's Seat 1-20
Mounting and Dismounting 1-21
Checking the Rearview Mirrors 1-21
Crush or Pinch Point Dangers 1-21
Fire Extinguisher and First Aid Kit 1-22
Inside Operator's Compartment 1-22
Cleaning Windows, Mirrors and Lights 1-22
Checking the Windshield Wiper Blades and Bulbs 1-22
Precautions When Using ROPS 1-23
Unauthorized Modifications 1-23
Precautions for Attachments 1-23
Quick Coupler Attachment 1-23
Large Attachments 1-24
PRECAUTIONS BEFORE STARTING OPERATIONS 1-25
Hand Signals 1-25
Pre-operational Checks 1-25
Starting Your Work Operations 1-25
Work Site Hazards 1-26
Working on Loose or Unstable Ground 1-26
Visibility 1-26
Precautions to be Taken When Using Synthetic Biodegradable Oil (HEES) 1-26
Avoid Dangerous Situations 1-27
Working Clearances 1-29
High Voltage Lines 1-29
RULES FOR ROAD TRAVEL 1-30
Travel Precautions 1-30
Rules for Traveling in Reverse 1-31
Traveling on Snow or Frozen Surfaces 1-32
Traveling on Slopes 1-32
Traveling on Loose or Unstable Ground 1-33
Parking the Machine 1-34
PRECAUTIONS DURING MAINTENANCE OPERATIONS 1-35
Warning Tags 1-35
Equipment Storage 1-35
Working Under the Machine 1-36
Using Drop Lamps 1-36
Keeping the Machine Clean 1-36
Running the Machine During Maintenance 1-37
Rules for Refueling the Machine 1-37
Cooling System Precautions 1-37
Battery Precautions 1-38
Hazards 1-39
Using Booster Cables 1-40
Starting the Machine with Booster Cables 1-40
High-Pressure Hoses 1-41

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Safety Handling of High-pressure Hoses 1-41
Precaution for High Fuel Pressure 1-41
High-Temperature Areas 1-41
Rotating Parts 1-42
Disposal of Waste Materials 1-42
Inflating Tires 1-42
Accumulator 1-43
Critical Parts 1-43

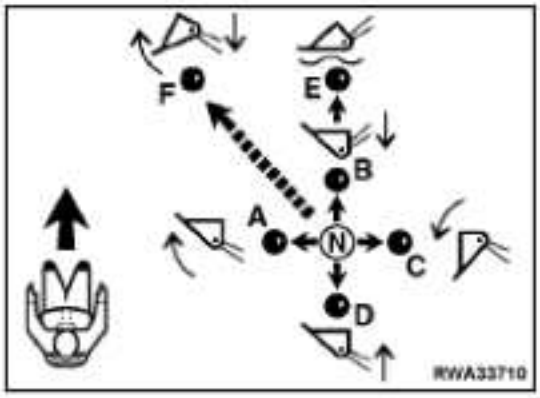
OPERATION

GENERAL VIEW OF MACHINE 2-2
Front View of Machine 2-2
Rear View of Machine 2-3
OPERATION CONTROLS 2-4
In the Cab (Joystick Controls) 2-4
Steering Column Switches 2-5
Directional Control Switch (Standard) 2-5
Speed Selector Switch (PS Model Only) 2-5
Multifunctional Switch 2-5
Front Instrument Panel and Controls 2-6
Side Instrument and Controls 2-10
Cab Switches and Electric Accessories 2-18
Front Work Light Switch 2-18
Rear Work Light Switch 2-18
Rear Windshield Wiper Switch 2-18
Rear Windshield Washer Switch 2-18
Overhead Lamp (Dome) 2-19
Power Outlet 2-19
Power Outlet Socket 2-19
Front End Loader Controls 2-20
Loader Declutch Control Button 2-20
Multipurpose Bucket Open Button 2-20
Differential Lock Button 2-21
Multipurpose Bucket Close Button 2-21
Front Loader Speed Control Button 2-21
Kick Down Button (Power Shift Only) 2-22
Gear Shift Lever Controls (Power Shuttle Only) 2-22
Declutch Button 2-22
Changing Speed Ranges 2-22
PS Model Control Lever 2-23
Directional Control Lever 2-23
Brakes, Parking Brake, Accelerator, and Throttle Control 2-24
Brake Pedals 2-24
Parking Brake 2-25
Accelerator Pedal 2-25
Hand Throttle 2-26
CAB ENVIRONMENT AND SAFETY EQUIPMENT 2-27
Heating and Ventilation System 2-27

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Control Lever Positions

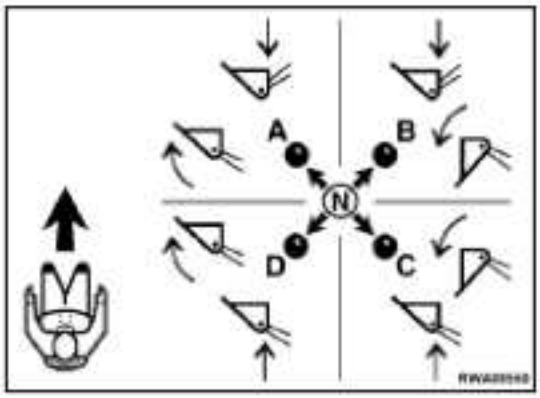
Loader Bucket and Arm Operations



- When the control lever is moved forward or backward and at right and left angles, the bucket and arm move in the positions indicated in the illustration.

  N - Neutral position (no boom or bucket movement)
  A - Bucket curl back
  B - Arm lower
  C - Bucket dump
  D - Arm raise
  E - Arm in free float position
  F - Self leveling (return to dig)

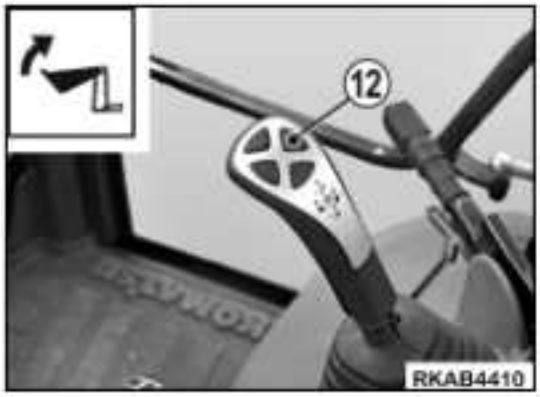
Dual Functional Bucket and Arm Positions



- When the lever is operated in the direction shown in the illustration, a dual function of the bucket and arm can be achieved.

  N - Neutral position (no boom or bucket movement)
  A - Arm lowering - Bucket curling
  B - Arm lowering - Bucket dumping
  C - Arm raising - Bucket dumping
  D - Arm raising - Bucket curling

Multipurpose Bucket Opening Push Button



- On machines equipped with a multipurpose (4-in-1) bucket, the bucket is controlled by the push button (12) positioned on the loader control lever.
- Press the button to open the bucket; when the button is released, the bucket stops.

Remark

This control is also used to activate a hydraulic quick coupling device or other hydraulic attachment.

Multipurpose Bucket Close Push Button



- On machines equipped with a multipurpose (4-in-1) bucket, closing the bucket is controlled by the push button (13) positioned on the loader control lever.
- Press the button to fold the bucket; when the button is released, the bucket stops.

Remark

Do not use the "Arm In Free Float Position" when traveling forward. The bucket will dig in and lift the machine. The float feature should only be used when traveling in reverse, performing grading operations.

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Lubricating Drive Shafts

- Lubrication must be done after carefully cleaning the grease fittings, by attaching the grease pump and using the prescribed grease.

★ See "FUEL, COOLANT, AND LUBRICANTS" on page 3-8.

- Once lubrication has been completed, make sure that all the points have been lubricated. Remove the contaminated grease that may have spread out of the joints.









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Backhoe Unit

Equipment	Max. Weight kg (lb)	Max. Dimensions		Max. SAE Capacity cu. m (cu. yd.)	Max. Operating Pressure bar. (psi)	Max. Flow Rate per Minute
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 (2844)	120 (31.7)
Clamshell bucket	350 (772)	650 (25.6)	1800 (70.8)	0.200 (0.26)	200 (2844)	120 (31.7)

● - Fork length 1140 mm (44.9 in)
❑ - Maximum capacity 2000 kg (4409 lb)
※ - Measurement referenced to the tool diameter
▲ - Measurement referenced to the tool length

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