CASE

PROFESSIONAL PARTNER

OPERATOR'S MANUAL

COMPACT CRAWLER EXCAVATOR

CX17B

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TABLE OF CONTENTS

CHAPTER 1
GENERAL INFORMATION
TO THE OWNER 1-1
RIGHT, LEFT, FRONT, AND REAR OF THE MACHINE 1-2
IDENTIFICATION NUMBERS 1-3

CHAPTER 2
SAFETY, AND DECALS
TABLE OF CONTENTS 2-1
SAFETY RULES 2-3
PERSONAL SAFETY 2-3
SAFETY AREA 2-3
UTILITY SAFETY 2-4
OPERATOR PRECAUTIONS 2-4
SAFETY DECALS 2-9

CHAPTER 3
INSTRUMENTS AND CONTROLS
TABLE OF CONTENTS 3-1
MACHINE NOMENCLATURE 3-3
STEPS AND ACCESS HANDLES 3-4
OPERATOR'S COMPARTMENT CONTROLS AND ACCESSORIES 3-5
INSTRUMENT PANEL 3-6
SWITCHES 3-9
CONTROL LEVERS 3-10
ACCESS COVERS AND GUARDS 3-16
OPERATOR'S SEAT ADJUSTMENT 3-17
SEAT BELT 3-17

CHAPTER 4
OPERATING INSTRUCTIONS
TABLE OF CONTENTS 4-1
BEFORE OPERATING THE MACHINE 4-3
OPERATING THE MACHINE 4-3
RUN-IN PERIOD 4-4
STARTING THE ENGINE 4-4
BRINGING THE MACHINE UP TO OPERATING TEMPERATURE 4-6
ENGINE OPERATION 4-7
STOPPING THE ENGINE 4-7
OPERATING THE MACHINE IN COLD WEATHER 4-8
OPERATING THE MACHINE IN HOT WEATHER 4-8
OPERATION 4-8
MACHINE TRAVEL 4-9
HYDRAULIC BREAKER AND NIBBLER OPERATION 4-11
TRANSPORTING THE MACHINE 4-13
OPERATING THE MACHINE IN WATER 4-15
PARKING THE MACHINE 4-16
OPERATING THE MACHINE ON SLOPING GROUND 4-16
OPERATING THE MACHINE ON SOFT GROUND 4-17
MOVING A DISABLED MACHINE 4-17
LOWERING THE ATTACHMENT IN THE EVENT OF A MACHINE FAILURE 4-17
PRACTICES TO IMPROVE EFFICIENCY 4-18
OPERATION WITH RUBBER TRACKS 4-20
MACHINE STORAGE 4-23

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CHAPTER 5
LUBRICATION, FILTERS, AND FLUIDS
TABLE OF CONTENTS ... 5-1
SERVICING INSTRUCTIONS ... 5-3
FLUIDS AND LUBRICANTS ... 5-4
DAILY INSPECTIONS ... 5-7
LUBRICATION AND MAINTENANCE CHART ... 5-8
GREASE FITTINGS AND LUBRICATION POINTS ... 5-10
ENGINE OIL ... 5-14
COOLING SYSTEM ... 5-16
FUEL SYSTEM ... 5-19
RELEASING PRESSURE IN THE HYDRAULIC SYSTEM ... 5-23
HYDRAULIC SYSTEM ... 5-24
AIR FILTER ... 5-31
TRAVEL REDUCTION GEARS ... 5-32

CHAPTER 6
MAINTENANCE AND ADJUSTMENTS
TABLE OF CONTENTS ... 6-1
TRACKS ... 6-3
CHANGING MACHINE WIDTH (CRAWLER FRAME WIDTH) ... 6-5
CHECKING THE CONDITION OF RUBBER TRACKS ... 6-7
TRACK ROLLERS AND IDLERS ... 6-9
BUCKET TOOTH POINTS AND SIDE CUTTERS ... 6-10
REPLACING A BUCKET ... 6-11
FAN AND ALTERNATOR DRIVE BELT ... 6-13
INSPECTING AND CLEANING THE MACHINE ... 6-13
CHECKING FOR CYLINDER LEAKAGE ... 6-13
FIRE EXTINGUISHER (NOT SUPPLIED) ... 6-14
PLASTIC AND RESIN PARTS ... 6-14
WELDING ON THE MACHINE ... 6-14
METRIC TORQUE SPECIFICATIONS ... 6-15

CHAPTER 7
ELECTRICAL
TABLE OF CONTENTS ... 7-1
ALTERNATOR ... 7-3
STARTER MOTOR ... 7-3
FUSES ... 7-3
BATTERY ... 7-4
CONNECTING A BOOSTER BATTERY ... 7-6
ATTACHMENT LAMPS ... 7-7

CHAPTER 8
SPECIFICATIONS
TABLE OF CONTENTS ... 8-1
ENGINE ... 8-3
HYDRAULIC COMPONENTS ... 8-3
SPEED AND GRADEABILITY ... 8-3
BOOM SWING AND DOZER BLADE ... 8-3
MACHINE OVERALL DIMENSIONS - ROPS CANOPY ... 8-4
WORKING RANGE ... 8-5

CHAPTER 9
INDEX

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Chapter 2

SAFETY, AND DECALS

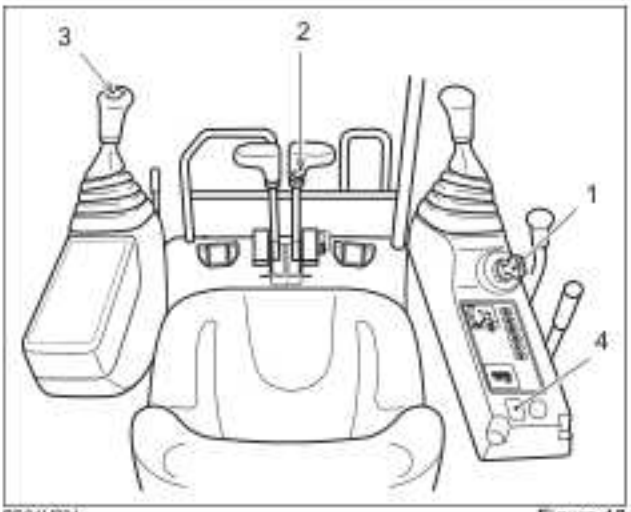
TABLE OF CONTENTS

SAFETY RULES 2-3
PERSONAL SAFETY 2-3
SAFETY AREA 2-3
UTILITY SAFETY 2-4
OPERATOR PRECAUTIONS 2-4
- Personnel 2-4
- General 2-4
- Mounting and Dismounting Precautions 2-5
- Starting and Stopping Precautions 2-5
- Operating Precautions 2-5
- Maintenance Precautions 2-6
- Fuel Handling Precautions 2-7
- Burn Prevention 2-7
- Hazardous Chemical Precautions 2-7
- Transporting Precautions 2-8
- Roll-Over Protective Structure (If Equipped) 2-8
- Fire Extinguisher 2-8
- Seat Belt Precautions 2-8

SAFETY DECALS 2-9

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SWITCHES



BC04H231 Figure 13

1. KEY SWITCH
2. TRAVEL SPEED SELECT SWITCH
3. HORN SWITCH
4. TRAVEL ALARM SELECT SWITCH

1. KEY SWITCH



BC02N353 Figure 14

This switch is used to start or stop the engine.

HEAT POSITION: When engine start-up is difficult in cold climate, turn the key to the HEAT position to activate the pre-heating. Hold the key in the HEAT position for approximately 15 seconds and then turn the key to the START position to start the engine. Release the key after the engine starts.

OFF: In the OFF position, the electrical system is turned off and the engine is stopped.

ON: In the ON position, the machine's electrical circuit is energized. Keep the key in this position while the machine is in operation.

START: Turn the key to the START position to start the engine. Release the key after the engine starts, the key will automatically return to the ON position.

2. TRAVEL SPEED SELECT SWITCH



BC02N354 Figure 15

Use this switch to select travel speed, HIGH (2nd speed) or LOW (1st speed). When the starter switch is turned to the OFF position, the travel speed is automatically set to LOW. Select the desired speed before starting travelling.



BC02N348 Figure 16

1. LOW SPEED - 2.3km/h (1.4mph)

Select this speed when travelling on rough or soft terrains, slopes, in narrow places, when powerful tractive force is required, or loading or unloading from a truck / trailer.



BC02N350 Figure 17

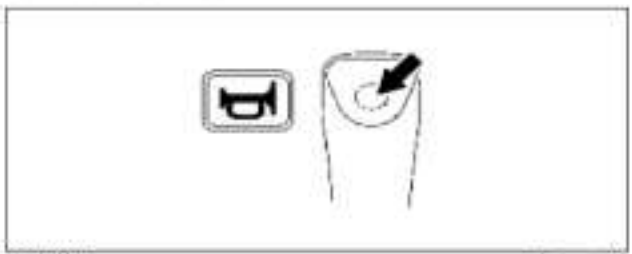
1. HIGH SPEED - 4.3km/h (2.7mph)

Set to HIGH when travelling on flat, hard ground.

WARNING: *Move the machine in LOW speed when loading/unloading the machine on to a truck/trailer and when on a slope. Sudden change of the machine travel speed can cause the machine to roll over.*

CE-NA000

3. HORN SWITCH

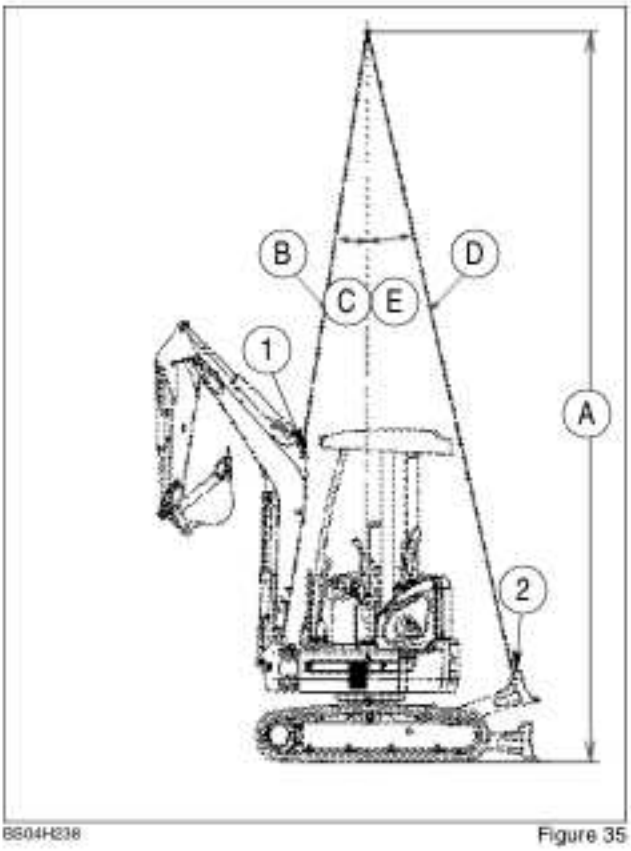


BC04H232 Figure 18

IMPORTANT: *Always sound the horn before operating the machine. Sound the horn before starting engine, traveling, rotating (swinging) or operating the attachments.*

Depress this switch, provided on the top of right operating lever to sound the horn.

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BS04H238 Figure 35

A. 4 600MM (15FT 1IN)
B. 2 700 MM (8FT 10IN). ONE CABLE
C. 10 DEGREES
D. 4 500 MM (14FT 9IN). TWO CABLES, ONE EACH SIDE
E. 15 DEGREES
1. CONNECT 1 CABLE SHACKLE HERE
2. CONNECT 2 CABLE SHACKLES HERE, 1 EACH SIDE OF BLADE
APPROXIMATE WEIGHT WITH RUBBER SHOE: 1 620 KG (3 570 LBS).
APPROXIMATE WEIGHT WITH IRON SHOE: 1 680 KG (3 700LBS).

NOTE: *See Chapter 8 (Specifications) for additional weight information.*

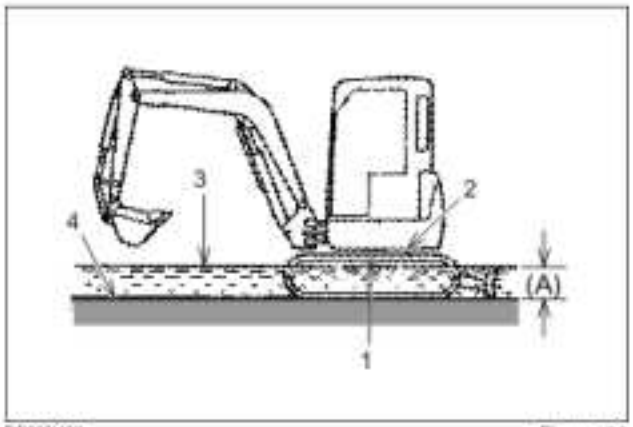
1. Put the machine and boom in the position shown.
2. Shut down the engine, remove the starter switch key, raise the function cancellation lever.
3. Make sure that the control function cancellation lever is in the raised position (Locked).
4. Make sure all control levers are set in the NEUTRAL position.
5. Make sure that all doors, hoods, and access panels are correctly locked.
6. Install a shackle to the boom (1). Connect the cable (wire rope) the shackle.
7. Install shackles at the two positions (2) provided at each end of the dozer blade. Connect the cables (wire ropes) to the shackles.
8. If any of the cables (wire ropes) contact the machine when the cables (wire ropes) are in position, use wood blocks and soft material to protect the machine from damage.
9. Slightly lift the machine to confirm the balance, then lift up the machine.

OPERATING THE MACHINE IN WATER

1. Make sure that the bottom of the stream, or water in which you will work, can support the weight of the machine.
2. Only the undercarriage up to the upper roller can be below water level.

   IMPORTANT: *Never work in water if the water level is higher than the track upper roller.*

   IMPORTANT: *Do not operate in a fast flowing stream.*
3. Before using the machine in water, inject large quantities of fresh grease into the attachment linkages and the dozer blade (if equipped), also on the turntable and its gear teeth.
4. After operating in sea water, thoroughly wash the machine to remove salt.



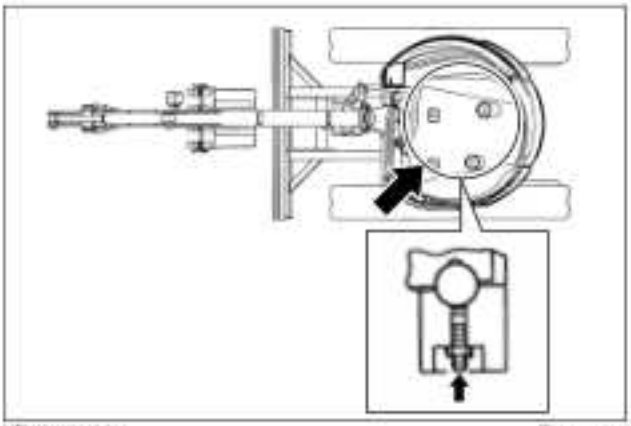
BC02N402 Figure 36

A. MAXIMUM WATER DEPTH

1. UPPER ROLLER
2. SWING BEARING
3. WATER SURFACE
4. BOTTOM OF A RIVER

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Lubricating the Turntable (Swing) Bearing



UPW0240038UJ01 Figure 13

1. Apply grease at the grease fitting until the old grease is replaced.
2. Rotate the upper structure 90°. (4 times).
3. Repeat steps 1 and 2 until all four positions are lubricated.

IMPORTANT: *If the grease is white because of moisture content or contamination, replace with new grease.*

LUBRICATION - 2000 HOURS

LUBRICATING THE TURNTABLE (SWING) GEAR

Contact your dealer for procedures. Change the grease immediately if the machine has been immersed in water in order to protect the pinion and internal gears from damage.

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