NEW HOLLAND

EXCAVATOR

E18SR

OPERATOR'S MANUAL

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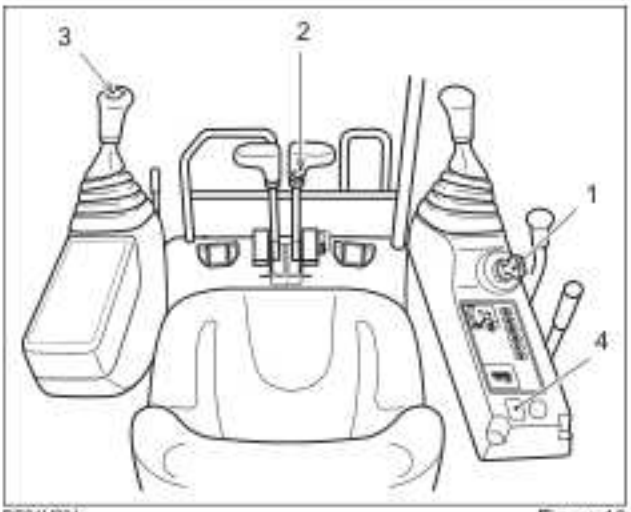
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SWITCHES



BS04H231 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.



BC02N349

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.

Figure 16



BC02N350

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

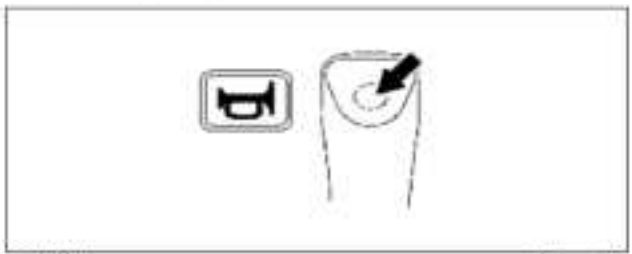
Set to HIGH when travelling on flat, hard ground.

Figure 17

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

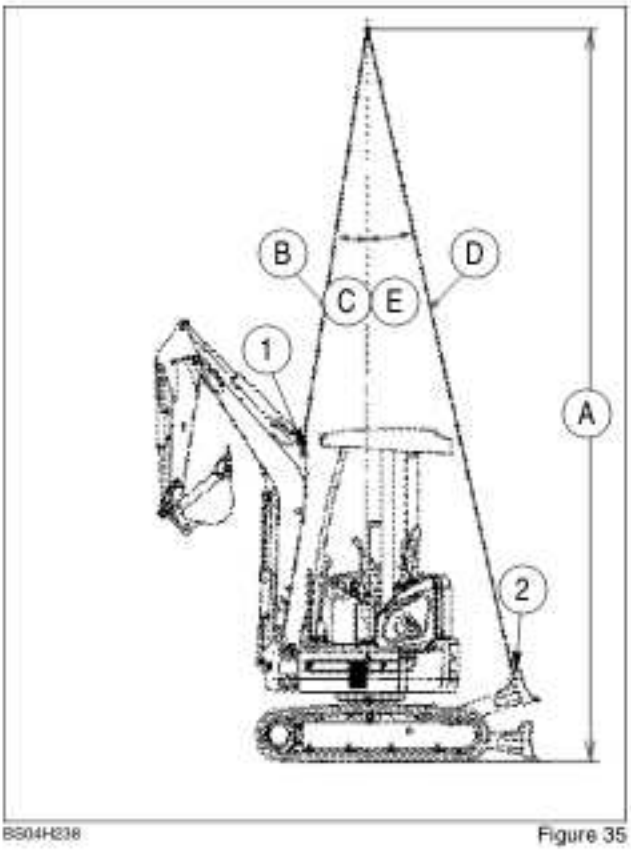


BS04H232 Figure 18

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.*

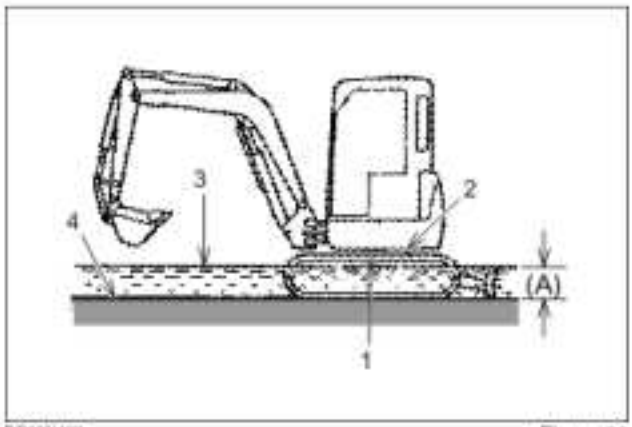
1. Put the machine and boom in the position shown.
2. Shut down the engine, remove the starter switch key, raise the function cancellation lever.
3. Make sure that the control function cancellation lever is in the raised position (Locked).
4. Make sure all control levers are set in the NEUTRAL position.
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.



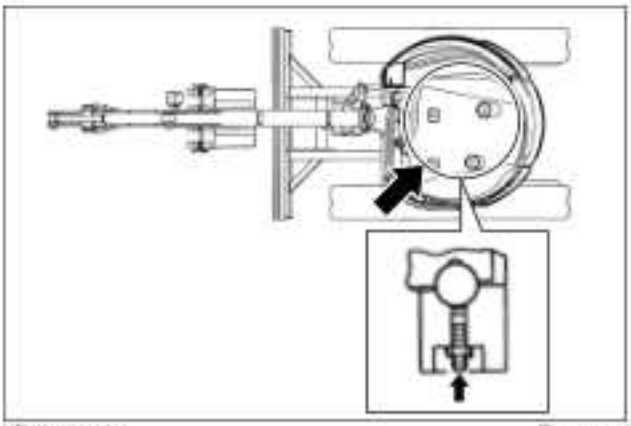
BC02N402 Figure 36

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



UPW0240388J01 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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