OPERATOR'S MANUAL

EH50.B
EXCAVATOR

NEW HOLLAND
CONSTRUCTION

87054148NA

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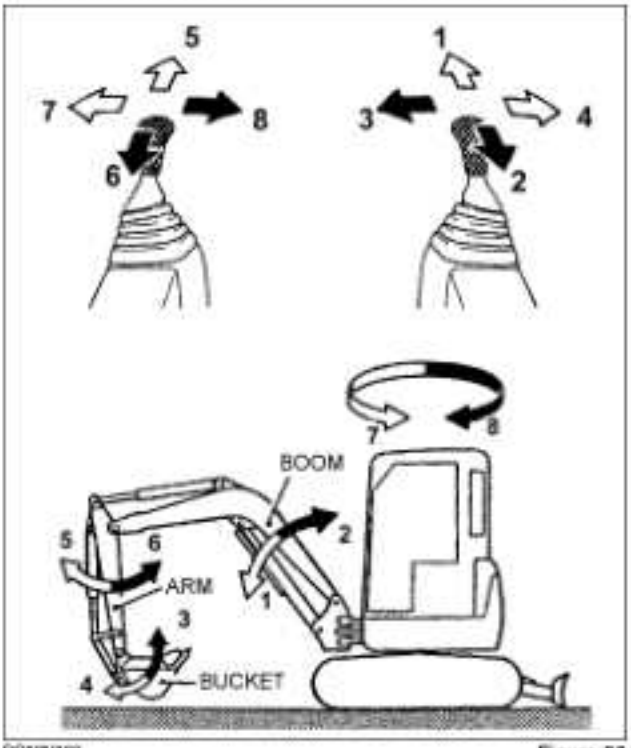
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2. LEFT-HAND CONTROL LEVER (SAE Pattern)

3. RIGHT-HAND CONTROL LEVER (SAE Pattern)



BC02N066 Figure 36

1. BOOM DOWN (RIGHT-HAND CONTROL LEVER)
2. BOOM UP (RIGHT-HAND CONTROL LEVER)
3. BUCKET IN (RIGHT-HAND CONTROL LEVER)
4. BUCKET OUT (RIGHT-HAND CONTROL LEVER)
5. ARM OUT (LEFT-HAND CONTROL LEVER)
6. ARM IN (LEFT-HAND CONTROL LEVER)
7. ROTATION LEFT (LEFT-HAND CONTROL LEVER)
8. ROTATION RIGHT (LEFT-HAND CONTROL LEVER)

These two levers activate each operation shown in the illustration.

All functions can be activated simultaneously.

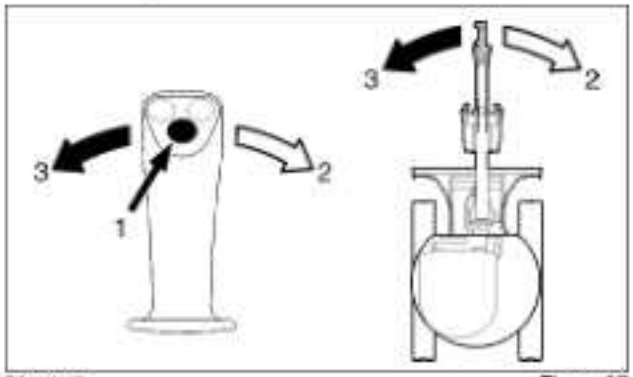
The operator's control levers return to the neutral position when released, and the operation of attachment is stopped.

WARNING: *Confirm for safety around the working area. Also ensure that each lever operation is in accordance with the operating pattern indicated on the labels.*

If labels do not match the operator's control pattern, replace them immediately to avoid accidents and/or injury.

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Boom Swing Function Switch



BC02N067 Figure 37

1. BOOM SWING/REMOTE CONTROL SWITCH
2. RIGHT-HAND SWING
3. LEFT-HAND SWING

Operate the control lever right and left keeping the switch on the grip of the left-hand control lever pressed, and the boom swings right and left.

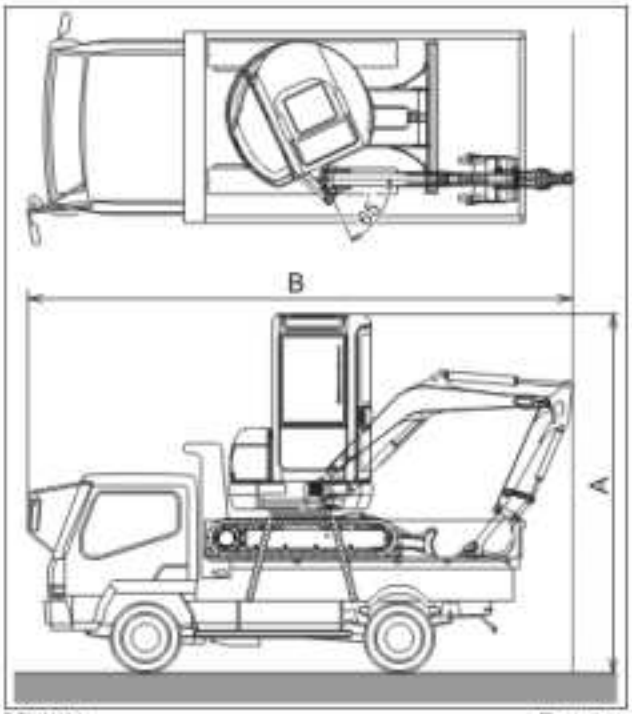
1. Switch . . . . . Pressed (ON)
2. Operate lever right . . . . . Right-hand boom swing
3. Operate lever left . . . . . Left-hand boom swing

IMPORTANT: *The swing operation does not stop even if the switch is turned off during the swing operation. To switch from boom swing to upperstructure swing the left control lever must return to the neutral position.*

WARNING: *Because the boom swing operating range is wide, carefully operate the attachment paying attention to the surrounding conditions.*

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BS04H028

Figure 28
Figure 29

A. OVERALL HEIGHT B. OVERALL LENGTH

14. Measure the distance between the ground and the highest point of the machine. You must know the overall height. See Machine overall dimensions in the Chapter 8 (Specifications).

LIFTING PROCEDURES FOR THE MACHINE

WARNING: *Lifting the machine must be done very slowly.*

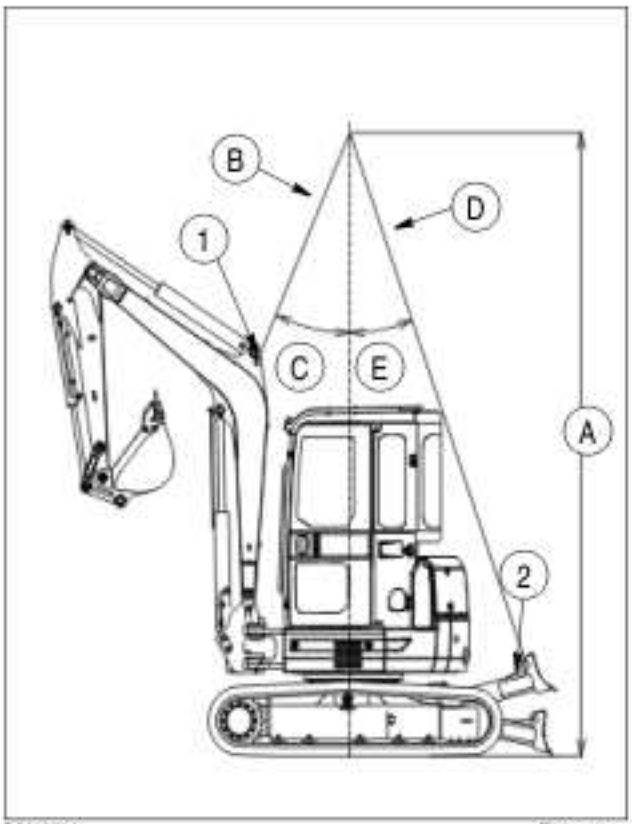
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WARNING: *Make sure that there is no one under or near the machine while it is being lifted.*

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WARNING: *Improper lifting method and/or roping manner might cause a movement or slip of the machine while it is lifted up, resulting serious injury or damages on the machine.*

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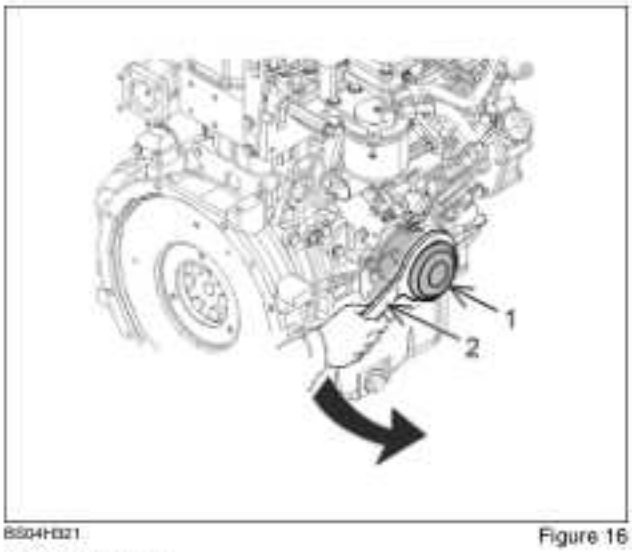
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Figure 30

A. 4 800 MM (190 IN)
B. 2 000 MM (78.7 IN)
C. 24 DEGREES
D. 4 400 MM (173.2 IN)
E. 20 DEGREES
1. CONNECT 1 CABLE SHACKLE HERE
2. CONNECT 2 CABLE SHACKLES HERE. 1 EACH SIDE OF BLADE
   APPROXIMATE WEIGHT WITH RUBBER SHOE: 4 800 KG (10 580 LBS).
   APPROXIMATE WEIGHT WITH IRON SHOE: 4 900 KG (10 800 LBS)

IMPORTANT: *The cables (wire ropes) to be used for lifting the machine should have sufficient capacity for the machine weight.*

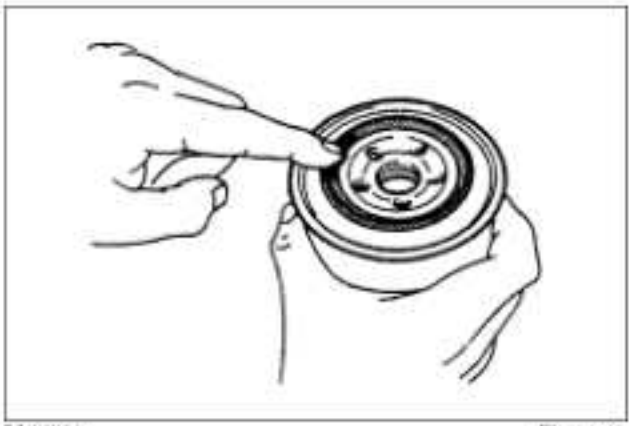
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BS04H021 Figure 16

1. OIL FILTER
2. FILTER WRENCH

7. Use the filter wrench (2) to rotate the oil filter (1) counterclockwise to loosen the oil filter. Remove the oil filter (1).



BC03N232 Figure 17

8. Coat the seal of the new filter with a light film of engine oil.
9. Install the new filter. Turn the filter until the seal comes into contact with the filter head by hand. Then tighten an additional 1/2 to 2/3 turn.

   IMPORTANT: *Do not use a filter wrench to tighten the filter. Excessive tightening can damage the filter and the seals.*
10. Fill the engine with new engine oil. Install the filler cap.
11. Run the engine for a few minutes and check that there are no leaks. Stop the engine.
12. Install the access cover below the engine oil drain plug.
13. Check the oil level and add additional oil if necessary.

    IMPORTANT: *Always wait approximately ten minutes to allow the oil to return to the reservoir before checking the oil level.*

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