OPERATOR'S MANUAL

EH15.B
MINI EXCAVATOR

NEW HOLLAND
CONSTRUCTION

87054145NA

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Chapter 3

INSTRUMENTS AND CONTROLS

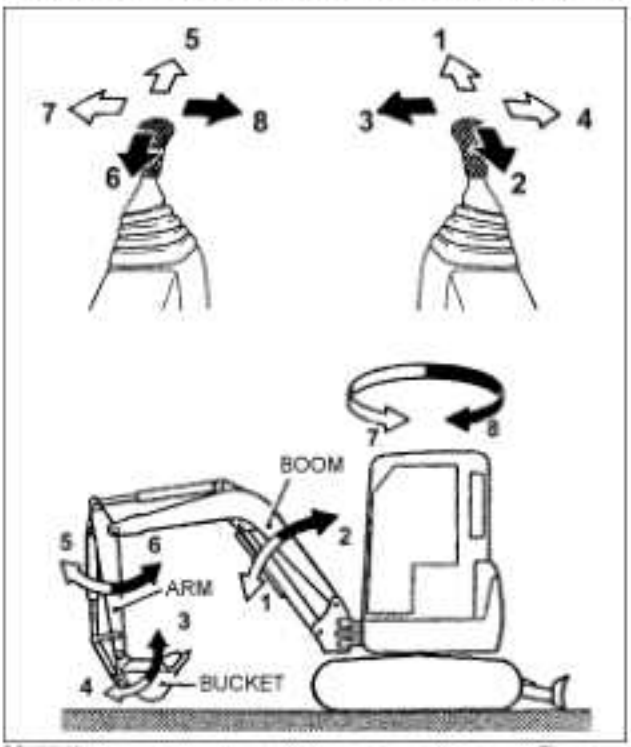
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2. LEFT-HAND CONTROL LEVER (SAE Pattern)

3. RIGHT-HAND CONTROL LEVER (SAE Pattern)



BC02N066 Figure 22

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.

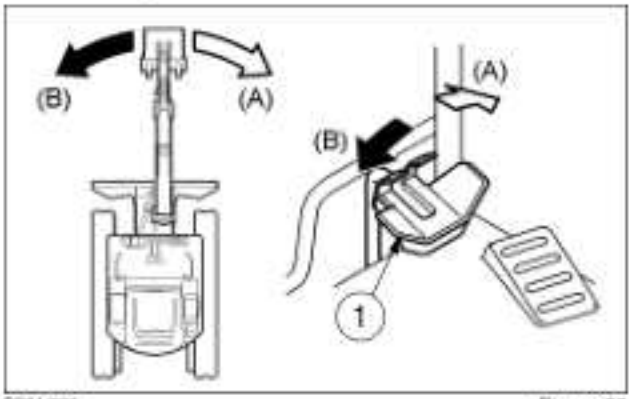
The operator's control levers return to the neutral position when released, and the operation of attachment is stopped.

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



BS04J282 Figure 23

1. BOOM SWING CONTROL PEDAL
A. RIGHT-HAND SWING
B. LEFT-HAND SWING

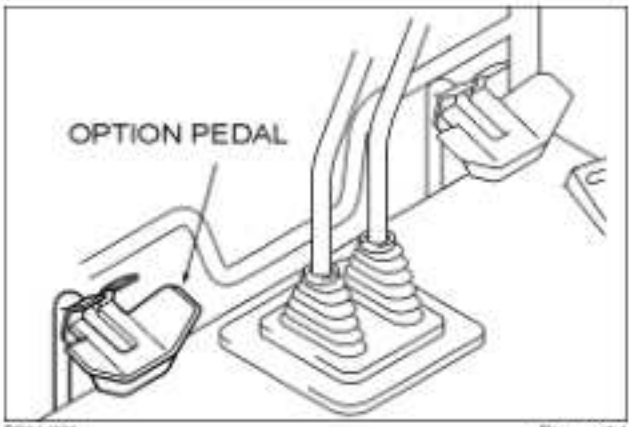
Depress the pedal to the right to activate the boom Right-Swing.

Depress the pedal to the left to activate the boom Left-Swing.

WARNING: *Lock the boom swing control pedal when this function is not being used, failure to do so may cause serious accidents.*

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

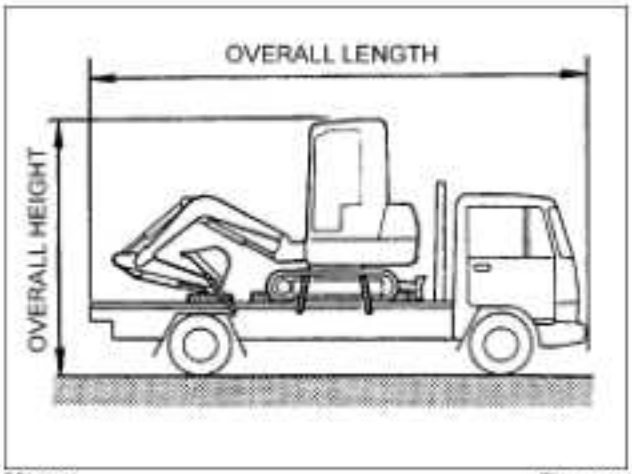
Option Pedal (Nibbler & Breaker)



BS04J271 Figure 24

This pedal is used to operate optional attachments, nibbler & breaker.

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BS04J240 Figure 29

15. 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.*

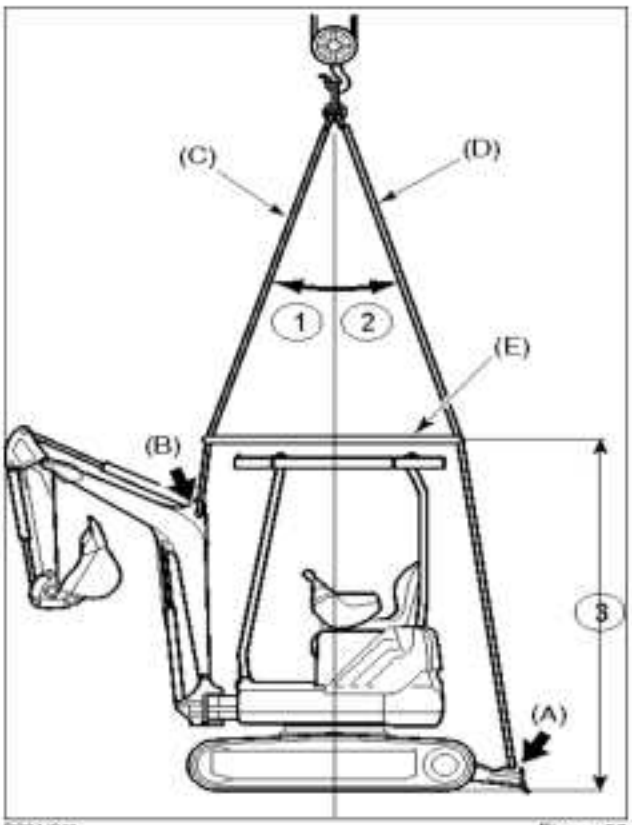
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WARNING: *Make sure that there is no one under or near the machine while it is being lifted.*

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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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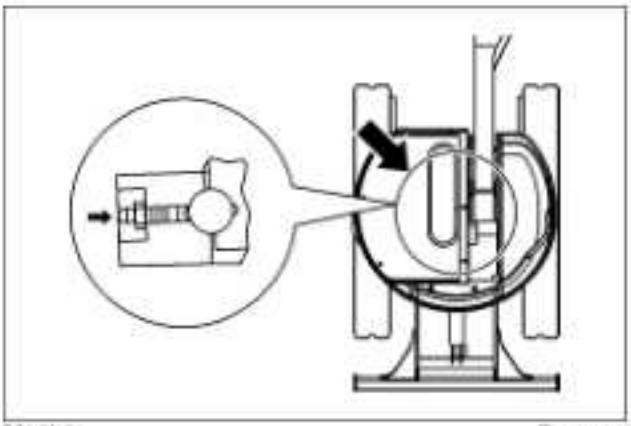
BS04J241 Figure 30

A. CONNECT 2 CABLE SHACKLES HERE. 1 EACH SIDE OF BLADE
B. CONNECT 1 CABLE SHACKLE HERE
C. 3000 MM (118 IN)
D. 4 500 MM (177 IN)
E. SPREADER BARS (3) 1300MM (51.2 IN)
1. 35 DEGREES
2. 35 DEGREES
3. 2700 MM (106.3 IN)
APPROXIMATE WEIGHT: 1 390 KG (3 064 LBS). WITH 50KG (110 LB. BUCKET)

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

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Lubricating the Turntable (Swing) Bearing



BC02N256 Figure 13

1. Apply grease at the grease fitting until the old grease is replaced.
2. Rotate the upper structure 90°.
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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