CX27B Excavators

Operator's Manual

Bur 87458477NA

CASE CONSTRUCTION

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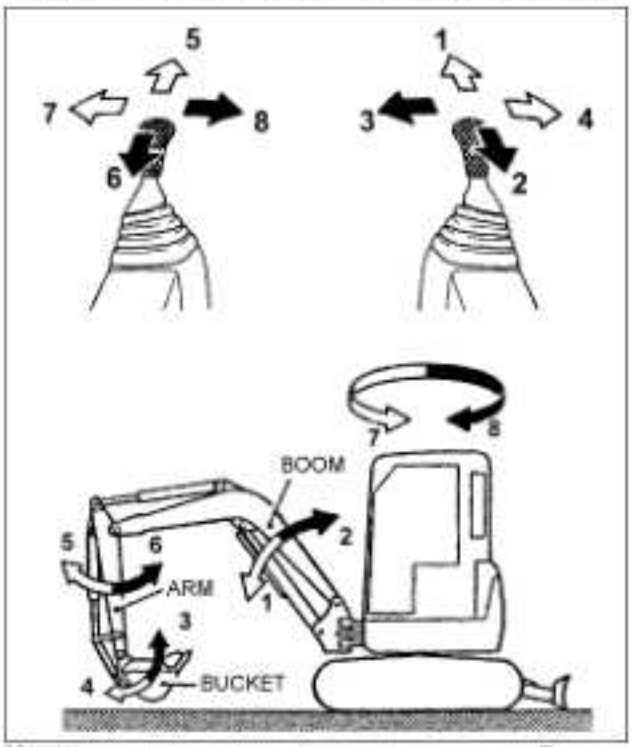
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2. LEFT-HAND CONTROL LEVER (SAE Pattern)

3. RIGHT-HAND CONTROL LEVER (SAE Pattern)



BC02N368 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.

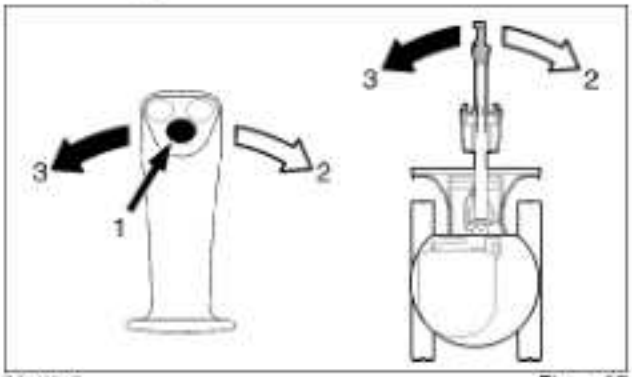
The operator's control levers return to the neutral position when released, and the operation of attachment is stopped.

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



BC02N367 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.*

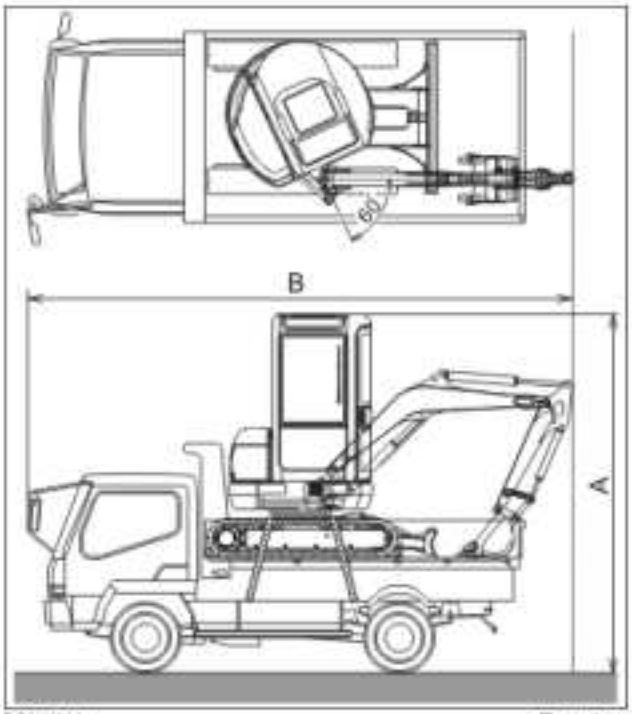
WARNING: *Because the boom swing operating range is wide, carefully operate the attachment paying attention to the surrounding conditions.*

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Optional control pattern is standard and may be changed to suit the operator.

NOTE: *The control pattern may be changed to the backhoe pattern by removing the floor plate and changing the control pattern valve.*

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BC02N398 Figure 28

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.*

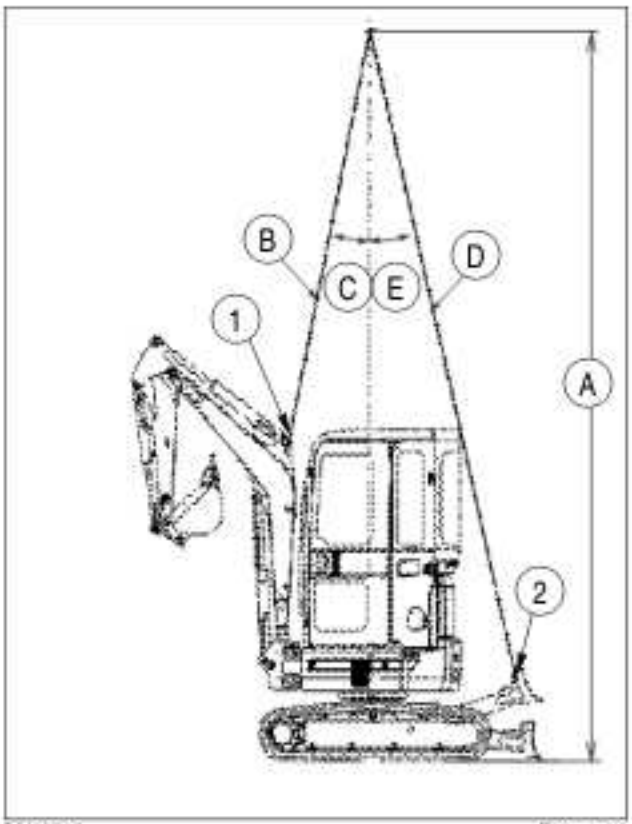
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WARNING: *Make sure that there is no one under or near the machine while it is being lifted.*

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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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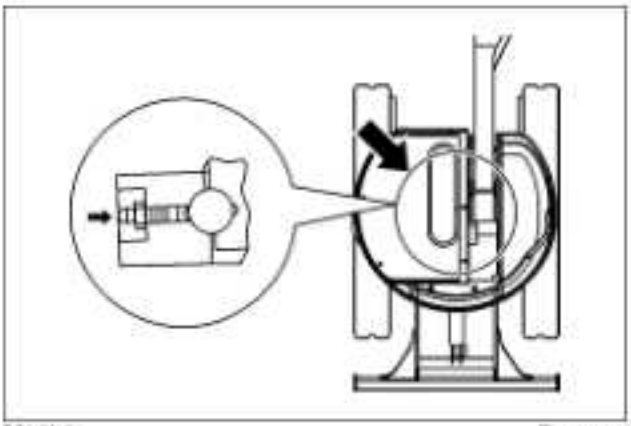
BS04H237 Figure 29

A. 5 000 MM (197 IN)
B. 2 800 MM (110 IN)
C. 15 DEGREES
D. 4 600 MM (181 IN)
E. 16 DEGREES
1. CONNECT 1 CABLE SHACKLE HERE
2. CONNECT 2 CABLE SHACKLES HERE. 1 EACH SIDE OF BLADE
   APPROXIMATE WEIGHT WITH RUBBER SHOE: 2 660 KG (5 870 LBS).
   APPROXIMATE WEIGHT WITH IRON SHOE: 2 790 KG (6 150 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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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°. (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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