CX60C
Mini Excavator

OPERATOR'S MANUAL

Part number 48069040
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November 2016

CASE CONSTRUCTION

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Every 50 hours

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Forward controls

⚠ WARNING

Unexpected machine movement!
Pilot controls have two different backhoe controls patterns; before operating the machine, check which control function is active.
Failure to comply could result in death or serious injury.

W0165A

This machine is equipped with a lever pattern valve that allows the operator to select between the " ISO type" controls pattern or the " A type" controls pattern by changing the position of the valve.
Before starting machine operation, select the desired controls pattern, and change the position of the valve accordingly. Refer to page **4-13**.

Control levers

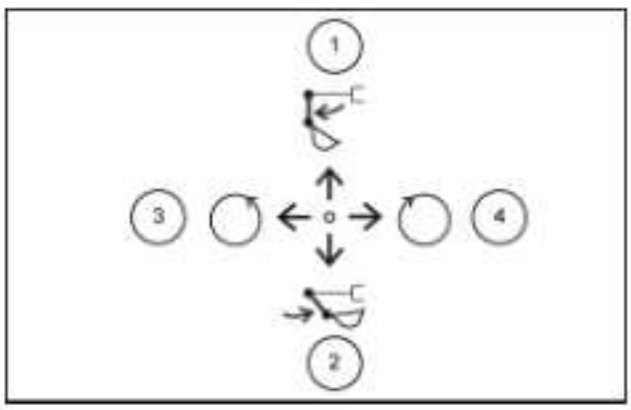
Pattern: ISO type

Left-hand control lever:

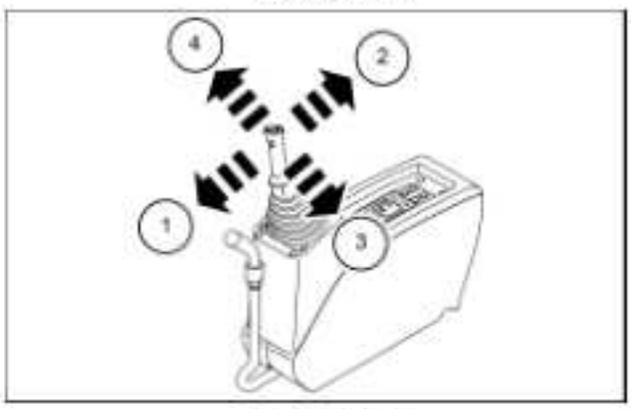
1. The dipper arm extends.
2. The dipper arm retracts.
3. The upper structure swings to the left–hand side.
4. The upper structure swings to the right–hand side.

NOTE: *the speed of movement of the arm or the swing depends on the control lever tilt angle. In the intermediate position two movements can be obtained simultaneously.*

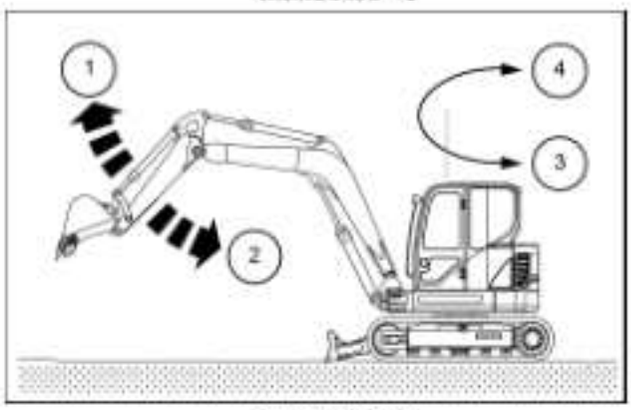
NOTE: *when the upper structure swing control is released, the upper structure may continue to rotate due to the force of inertia. In this event, make allowance for the extra movement by releasing the control slightly earlier.*



1



2



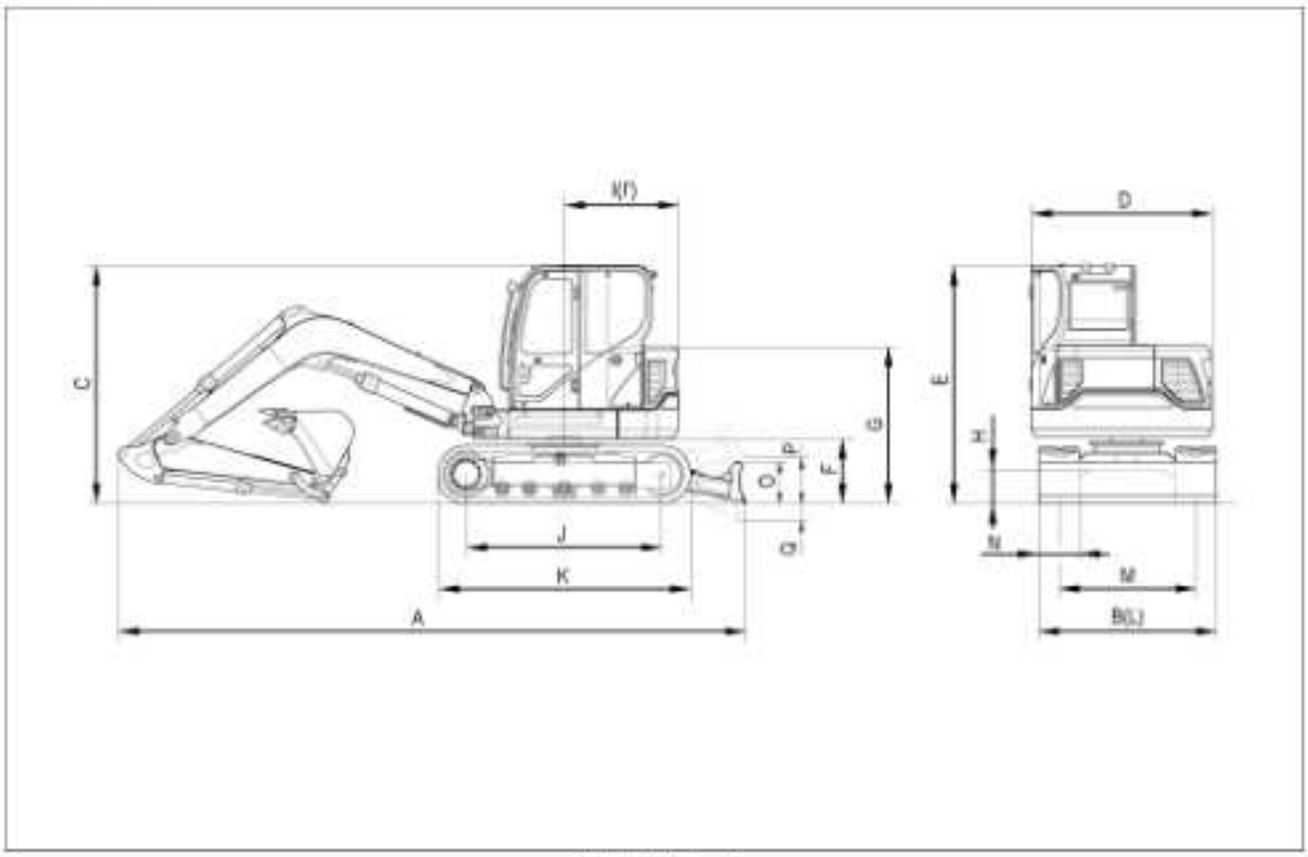
3

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Maintenance action	Check	Grease	Replace	Change fluid	Drain fluid	Adjust	Cleaning	Page no.
Every 6000 hours								
Diesel Particulate Filter (DPF) - SF filter						x		6-60
Every 9000 hours								
Diesel Particulate Filter (DPF) - SF and DOC filters		x						6-60
When necessary								
Bulb replacement		x						6-61
Diesel Particulate Filter (DPF) regeneration						x		6-63
Air-conditioning system filters		x						6-64
Control levers			x					6-64
Plastic and resin parts						x		6-64

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Dimensions



1

(A) Overall length	**5600 mm (220.5 in)**
(B) Overall width, with **380 mm (15.0 in)** shoe	**1980 mm (78.0 in)**
(C) Overall height	**2550 mm (100.4 in)**
(D) Superstructure width	**1950 mm (76.8 in)**
(E) Overall height of cab	**2550 mm (100.4 in)**
(F) Ground clearance of counterweight	**660 mm (26.0 in)**
(G) Engine cover height	**1670 mm (65.7 in)**
(H) Minimum ground clearance	**380 mm (15.0 in)**
(I) Rear-end distance	**1080 mm (42.5 in)**
(I') Rear-end swing radius	**1080 mm (42.5 in)**
(J) Distance between tumblers	**1990 mm (78.3 in)**
(K) Undercarriage length	**2530 mm (99.6 in)**
(L) Undercarriage width	**1980 mm (78.0 in)**
(M) Track gauge	**1600 mm (63.0 in)**
(N) Track shoe width, standard	**380 mm (15.0 in)**
(O) Height of blade	**350 mm (13.8 in)**
(P) Ground clearance of blade up	**200 mm (7.9 in)**
(Q) Depth of blade down	**700 mm (27.6 in)**

Boom length: **2.9 m (114.173 in)**
Arm length: **1.48 m (58.268 in)**
With boom swing system

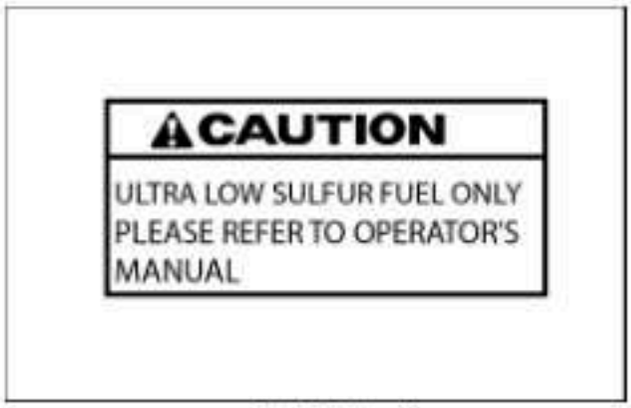
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(24) Ultra low sulfur fuel

Location: this sign is located on the left–hand side of the fuel filler neck.

Quantity: 1

This sign indicates to use low sulfur fuel only (sulfur content < **15 ppm**).



26

(25) Warning front window

Location: this sign is located on the front window of the cab.

Quantity: 1

Be careful that the front window may be promptly closed.



27

(26) Stay fix-cab

Location: this sign is located on the front window of the cab.

Quantity: 1

This sign warn the operator to be sure to support the stay when the window needs to be opened.
The opened window may be closed by the external or natural force.

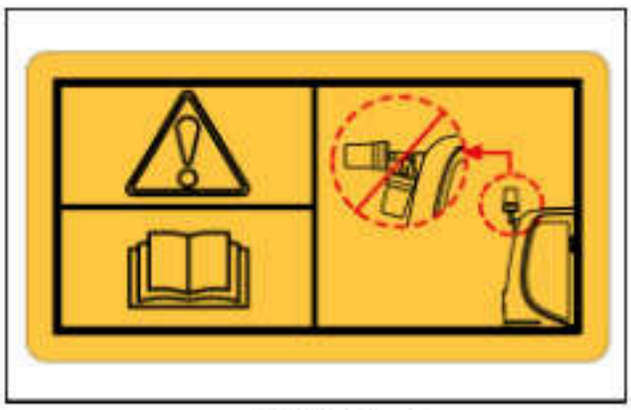


28

(27) Beacon light

Location: this sign is located on the rear outside of the cab.

This sign indicates to make sure that the beacon light maintains a vertical position.
A horizontal position can result in a decrease in life time of the light due to the infiltration of foreign substances such as dust or water.
During the machine transfer, change the position of the light to the horizontal position.



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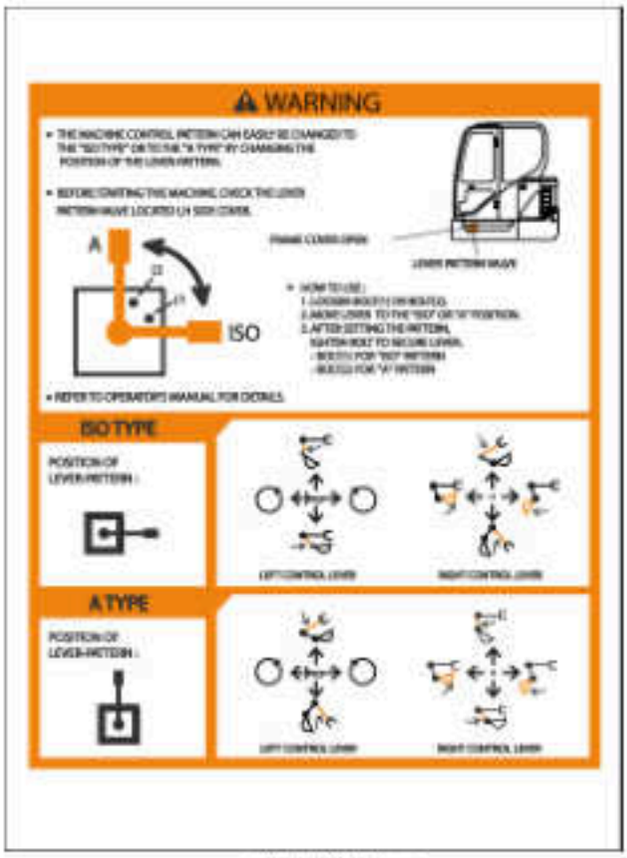
Hydraulic control lever operating pattern

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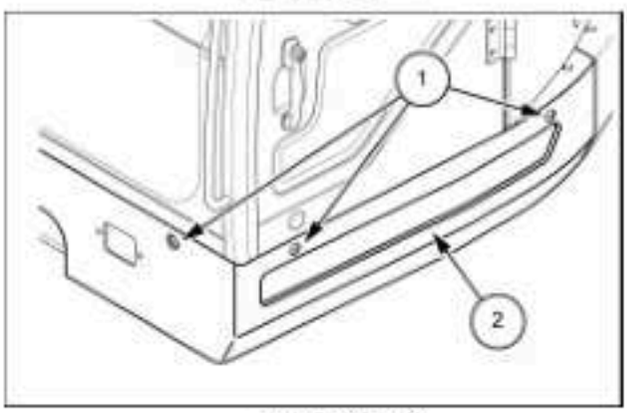
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NOTICE: *whenever a change is made to the machine control pattern, also replace the pattern label in the cab to match the new pattern.*

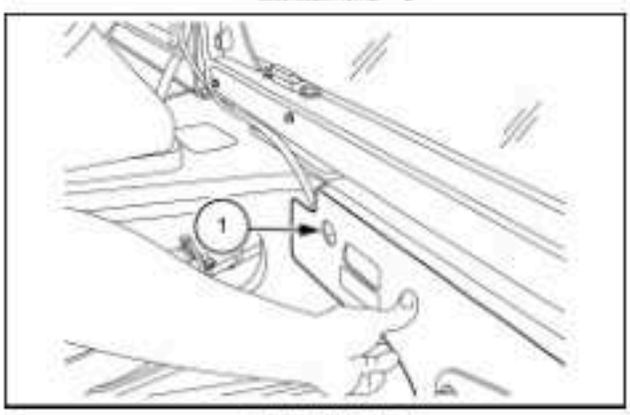


SMIL18MEX1079BA 1

To access the change pattern valve, remove the four bolts **(1)**, and then remove the left-hand panel **(2)**.



SMIL18MEX1127AB 2



SMIL18MEX0277AB 3

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