CX470C
Crawler Excavator

OPERATOR'S MANUAL

Part number 47510032
1st edition English
April 2013
Replaces part number 47482511

CASE CONSTRUCTION

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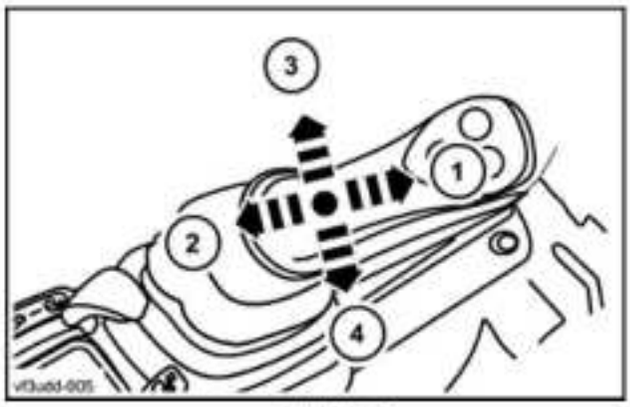
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Boom and upperstructure swing left-hand control lever (optional)

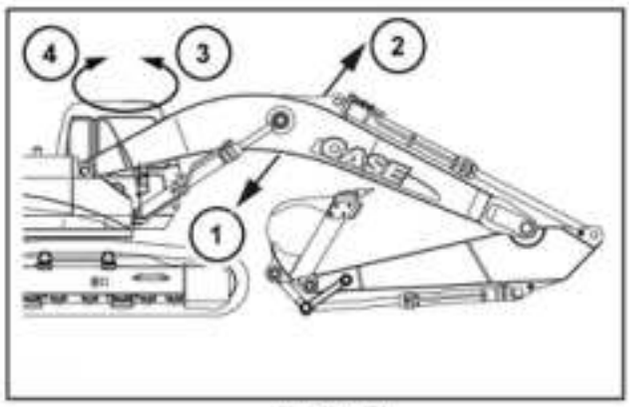
The speed of movement of the boom or the upperstructure swing depends on the control lever tilt angle. In the intermediate position two movements can be obtained simultaneously.

NOTE: *When the upperstructure swing control is released, the upperstructure 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.*



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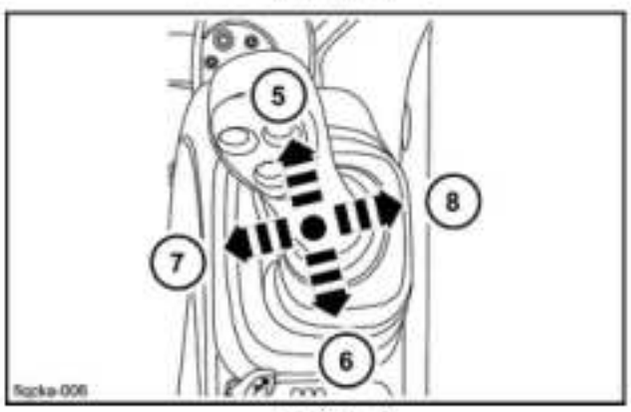
(1) The boom lowers.
(2) The boom raises.
(3) The upperstructure turns to the left.
(4) The upperstructure turns to the right.



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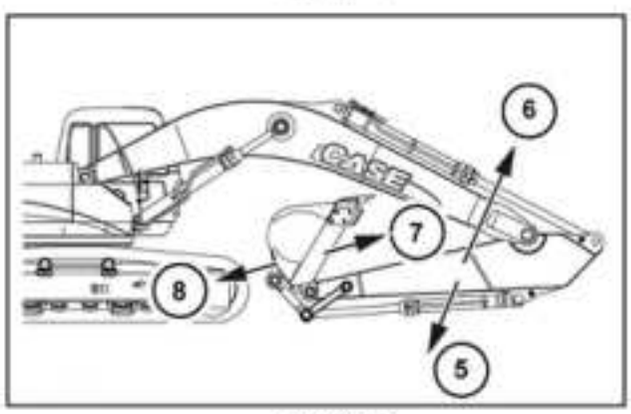
Arm and bucket right-hand control lever (optional)

The speed of movement of the arm or the bucket depends on the control lever tilt angle. In the intermediate position two movements can be obtained simultaneously.



FIGDKA-006 7

(5) The arm extends.
(6) The arm retracts.
(7) The bucket retracts (filling).
(8) The bucket extends (dumping).



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Fuel system

Service specifications

Fuel tank bleeding: Every 10 hours or every day
Filter bleeding: When the float reaches the level **(A)**
Pre-filter bleeding: When the float reaches the level **(A)**
Replace the pre-filter element: Every 250 hours
Replace the filter element: Every 500 hours
Fuel supply pump filter cleaning: Periodically
Fuel tank capacity: **650 l** (**171.7 US gal**)
Type of fuel: (Refer to page **6-5**)

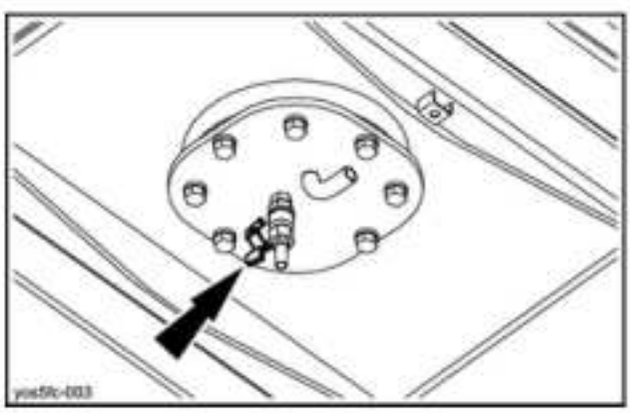
ATTENTION: *Take all necessary precautions during the following operations; no foreign matter must enter the fuel system.*

ATTENTION: *When you deal with fuel, please do not bring fire close. After exchange of the filter and scupper of fuel should wipe off the fuel which fell.*

NOTICE: *Do not work in any environment in which anything other than fuel will get into fuel lines. (Sites with strong wind, blowing dust, etc.). Wash hands before operations. Do not use gloves. Do not open the packaging for the filter kit until you start the installation work. Do not reuse any fuel remaining within the cover. For persistent dirt within the cover, wipe it off with a clean rag, then clean with clean diesel fuel. Do not use parts cleaner because it could affect the case cover. Do not touch the inside of the element. Completely wipe off any spilt fuel after changing a filter element or bleeding the system.*

Draining the fuel tank

1. Place a receptacle of a suitable capacity under the drain plug.
2. Open the drain valve located at the bottom of the tank and drain the accumulated sediment and water.
3. After draining, close the drain valve.

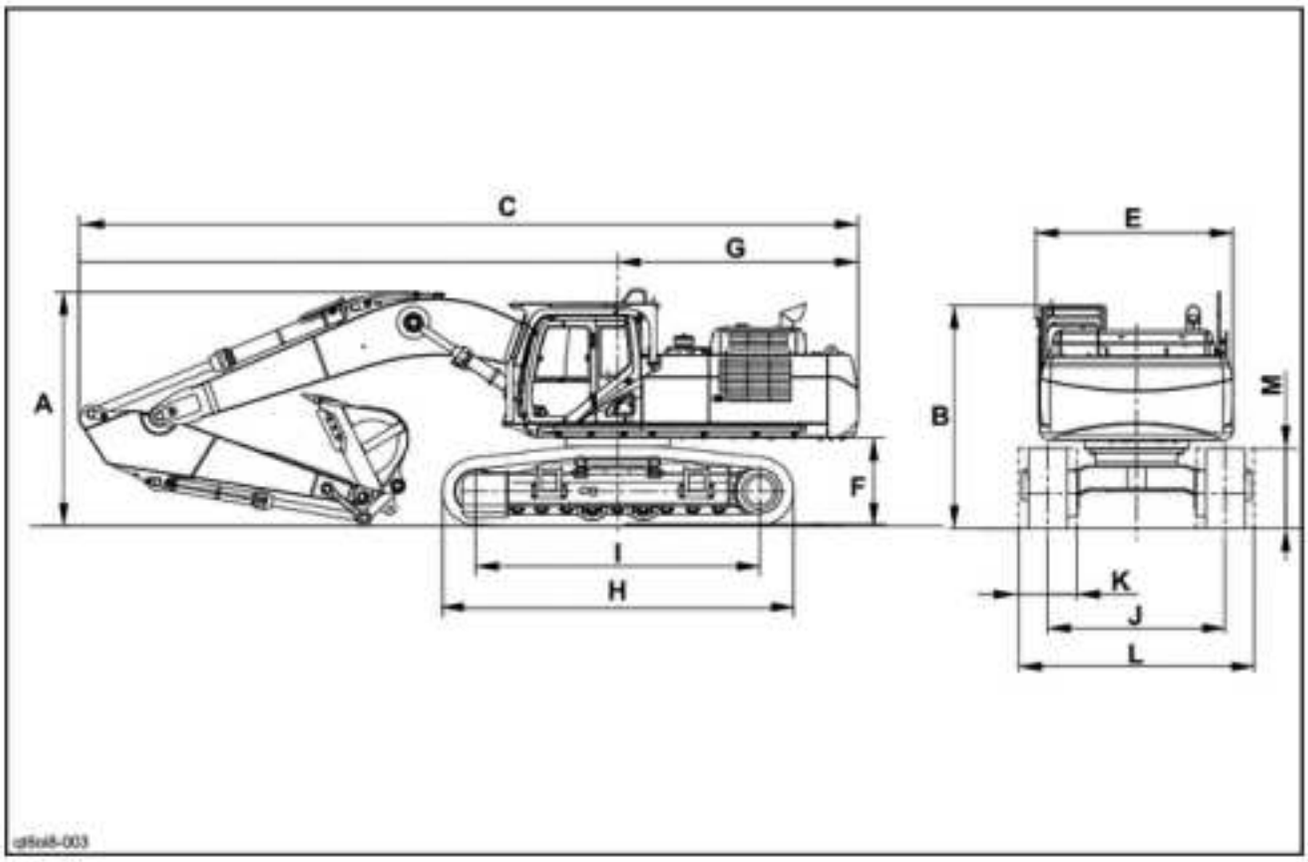


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Overall machine dimensions (Short attachment 6.55 m (257.87 in) boom)

Fixed undercarriage



QT6068-003A 3

Arm	2.53 m (99.61 in)
(A)	3.76 m (148.03 in)
(B)	3.44 m (135.43 in)
(C)	11.68 m (459.84 in)
(E)	3.06 m (120.47 in)
(F)	1.33 m (52.36 in)
(G)	3.72 m (146.46 in)
(H)	5.45 m (214.57 in)
(I)	4.40 m (173.23 in)
(J)	2.75 m (108.27 in)
(K) (standard track pads)	0.90 m (35.43 in)
(L)	3.65 m (143.70 in)
(M)	1.24 m (48.82 in)

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