CASE

PROFESSIONAL PARTNER

OPERATOR'S MANUAL

CRAWLER EXCAVATOR

CX700 TIER III

87364242 NA

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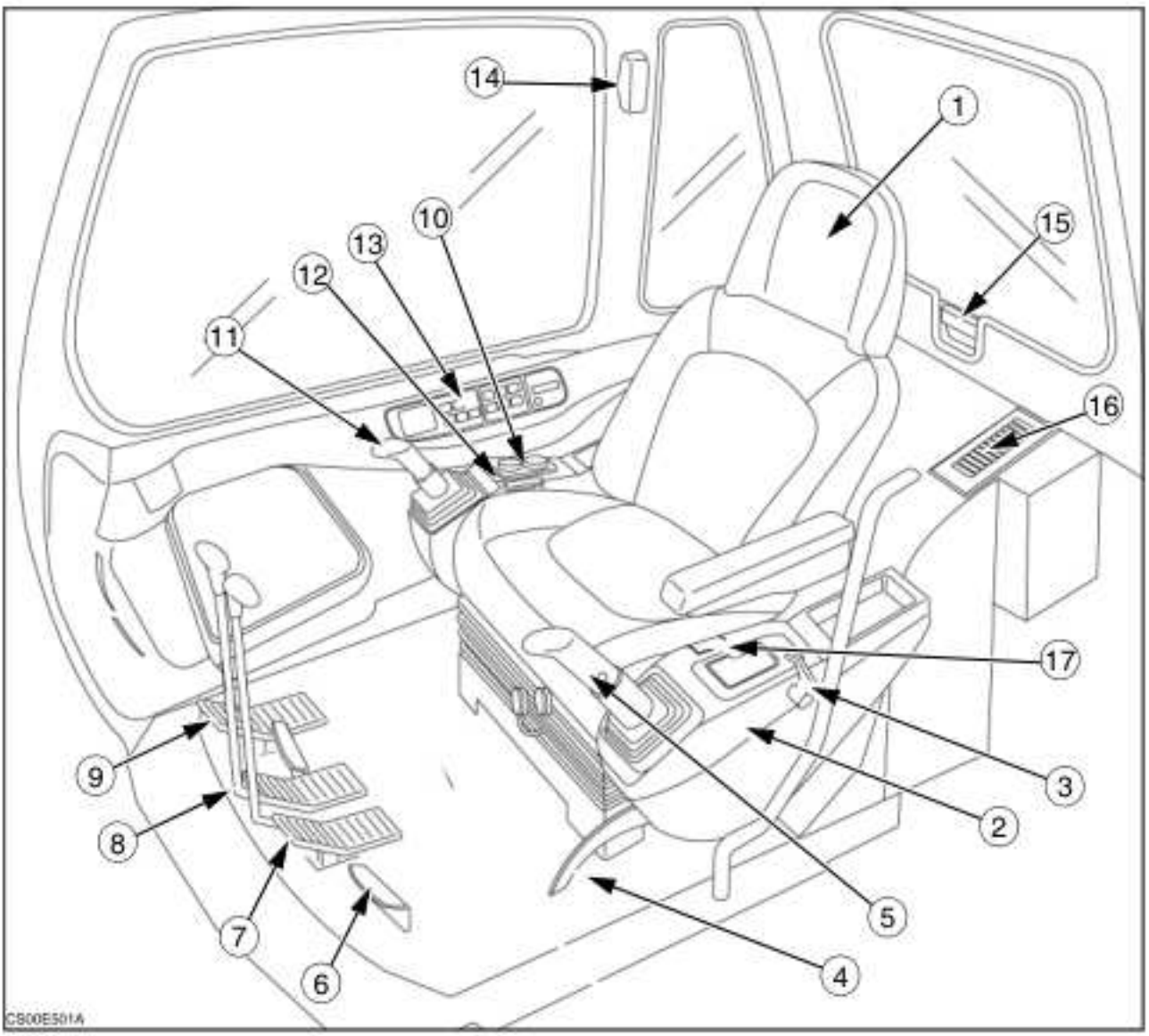
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POSITION OF THE OPERATOR'S COMPARTMENT CONTROLS AND ACCESSORIES

⚠ WARNING ⚠

Before starting the engine, make sure that you are fully aware of the location of and the function of each control. Incorrect operation of the controls can cause serious injuries.



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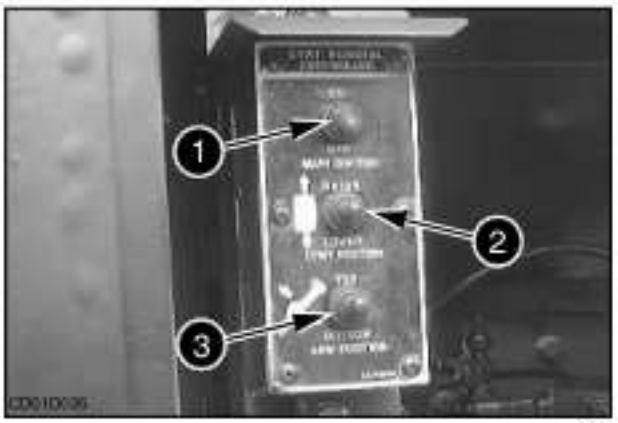
1. Operator's seat
2. LH control arm
3. Function cancellation lever
4. Safety bar
5. Left-hand control lever, dipper and upperstructure swing controls, horn
6. Footrest
7. Left-hand travel control pedal and lever
8. Right-hand travel control pedal and lever
9. Option pedal
10. RH control arm
11. Right-hand control lever, boom and bucket controls, engine idle
12. Right-hand control arm tilt adjustment lever
13. Systems display and control panel
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17. Left-hand control arm tilt adjustment and function cancellation lever

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5. Place the control box switch (1) in the "ON" position.

NOTE: *Engine speed will automatically rise to 1700 rpm.*

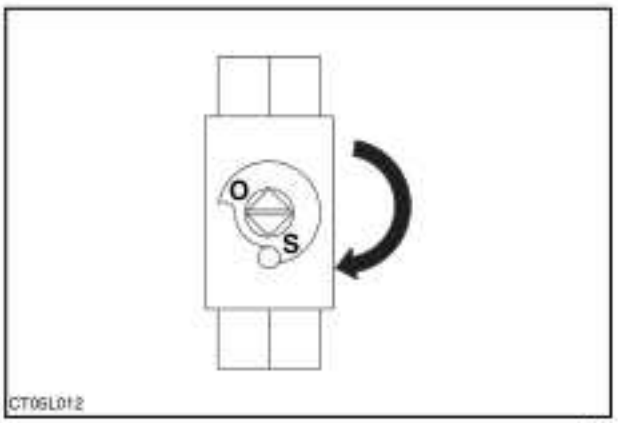
6. Tilt the switch (2) towards "RAISE" position in order to raise the counterweight 180 mm.
7. Tilt the switch (3) towards "BOTTOM" position. Lower the counterweight to the ground.
8. Remove the counterweight retaining pins.
9. Tilt switches (2) and (3) to return to normal position.
10. Place switch (1) in the "OFF" position.
11. Close the supply valve.
12. Install the lower panel.



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INSTALLATION

1. Place the machine and the counterweight on flat, hard, level ground.
2. Bring the machine to about 0.63 m from the counterweight and lower the attachment to the ground.
3. Open the supply valve.

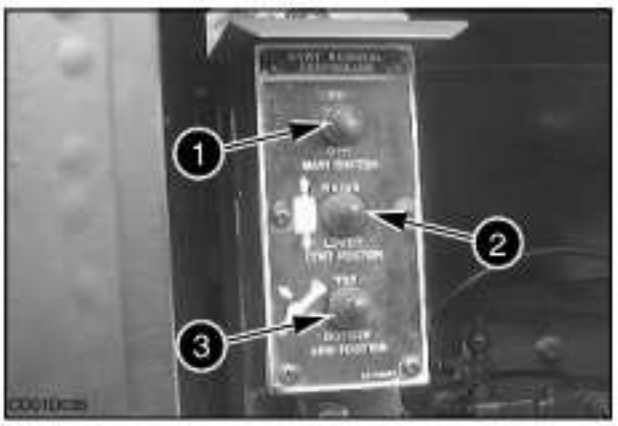


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4. Place the control box switch (1) in "ON" position.
5. Tilt switches (2) and (3) to lower the hitching system.
6. Fasten the hitching system to the counterweight.
7. Tilt the switch (3) towards "TOP" position and bring the handling arm up against the rear upperstructure plate.
8. Tilt switch (2) to the "LOWER" position to engage the assembly.
9. Open the engine hood and install the two upper counterweight bolts. Close the hood.
10. Remove the lower panel (under the engine) and then install the two lower counterweight bolts.

NOTE: *The retaining hardware must be tightened to a torque of 2256 to 2550 Nm.*

11. Place switch (1) in the "OFF" position. Close the supply valve.
12. Install the lower cover plate.



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7. Coat the seal of each new filter with a fine film of oil.
8. Install the new filters. Turn the filters until the seals come into contact with the filter head then tighten an extra half turn by hand.

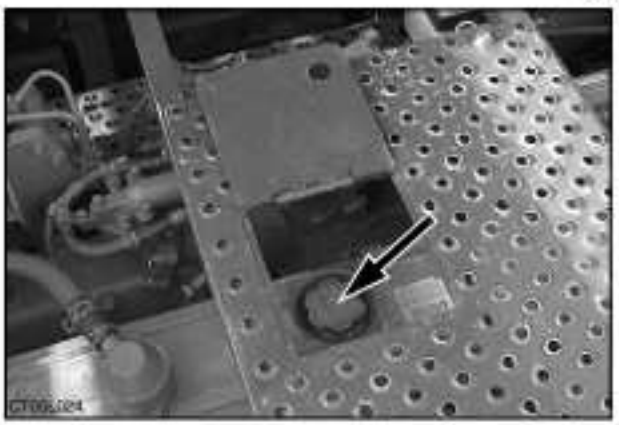
IMPORTANT: *Do not use a filter wrench to tighten the filters. Excessive tightening can damage the filters and the seals.*



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9. Fill the engine with new engine oil. Install the filling plug, close the access hatch.
10. Run the engine for a few minutes and check that there are no leaks. Check the level again and top up if necessary.

IMPORTANT: *Always wait fifteen minutes to allow the oil to return to the sump before checking the oil level.*



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