CX330 EXCAVATOR

Operator's Manual

Bur 6-33740NA

CASE
CONSTRUCTION

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1. CONTROL ARM TILT ADJUSTMENT LEVER - This lever enables the operator to tilt the angle of the control arm to suit his convenience. Raise the lever and hold it in this position. Tilt the control arm to the required position and then release the lever.

2. STARTER SWITCH - This switch has four positions, "ON" (contact), "START" (engine ignition), "OFF" (engine shut-down) and "ACC" (accessory current supply). See "Starting the engine" in the "Operating Instructions" Section.

IMPORTANT: *When the starter switch key is in the "ON" position, if the anti-theft device has been programmed, then it will be necessary to enter the code. The message "Password" will be displayed. See "Anti-theft device" in the Operating Instructions Section.*

NOTE: *The starter switch key is also used to lock the cab door, the engine hood, the front storage compartment, the side doors and the fuel tank cap.*

3. ENGINE THROTTLE BUTTON - This button allows engine speed to be increased or lowered. For "low idle" position, turn the button to the left. For "Maximum speed", turn the button to the right.

NOTE: *If there is no change in engine speed, press and release the engine automatic idle speed selector. (See item 5).*

4. See "Heating and ventilation or air conditioning controls".

5. ENGINE IDLE SPEED SELECTOR - This control makes it possible to select automatic engine idle speed manually or automatically, without having to return to the engine throttle button. To select idle speed manually, press and release the control for the engine automatically to go into idle speed; the message "Eng. idling" will appear on the systems display panel. When the control is pressed and released once more the engine will revert to its original speed and the message on the systems display panel will disappear. To select idle speed automatically, press the control for about 3 seconds until the audible alarm device sounds, then release the control. The message "Eng. idling" will appear on the systems display panel. In this position, if no further operations are carried out, the engine will go into idle speed after 5 seconds. (It is possible to increase this lapse of time. See your CASE Dealer). If any controls are then used, (control levers, pedals) the engine will revert to its original speed. To cancel automatic selection, press the control for about 3 seconds. In each of these configurations, a confirmation message appears on the systems display panel. See items 6 and 10 under "Systems display and control panel".

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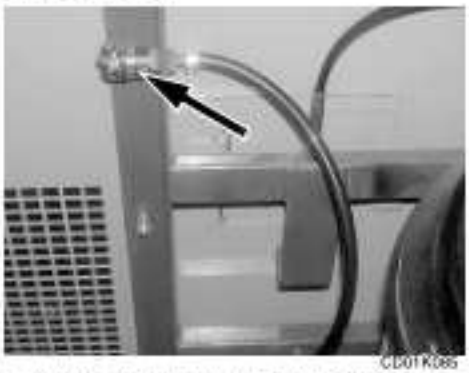
AIR FILTER

INSPECTION

Be sure to carry out regular checks on the air filter, intake manifold, seals and hoses. At the same time, check the intake manifold screws and hose clamps for tightness.

The hoses should be replaced before they are worn.

AIR FILTER RESTRICTION INDICATOR



Located next to the air filter, this indicator shows the state of the air filter elements. When the central zone of the indicator becomes red then the elements must be serviced, irrespective of the next scheduled service interval.
Once the elements have been serviced, press the button on top of the indicator to start a new indication cycle.

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SERVICE SPECIFICATIONS

Inspect and clean the primary element ..... Every 250 hours
or when central zone of the indicator turns red
Replace the primary element ..... Every 1000 hours
or after cleaning six times
Replace the secondary element ..... Every 1000 hours
or after cleaning the primary element three times

IMPORTANT: *The primary element can be cleaned. The secondary element can not be cleaned and must be replaced.*

IMPORTANT: *Observe the air filter service intervals shown above. Clean filters mean longer engine life.*

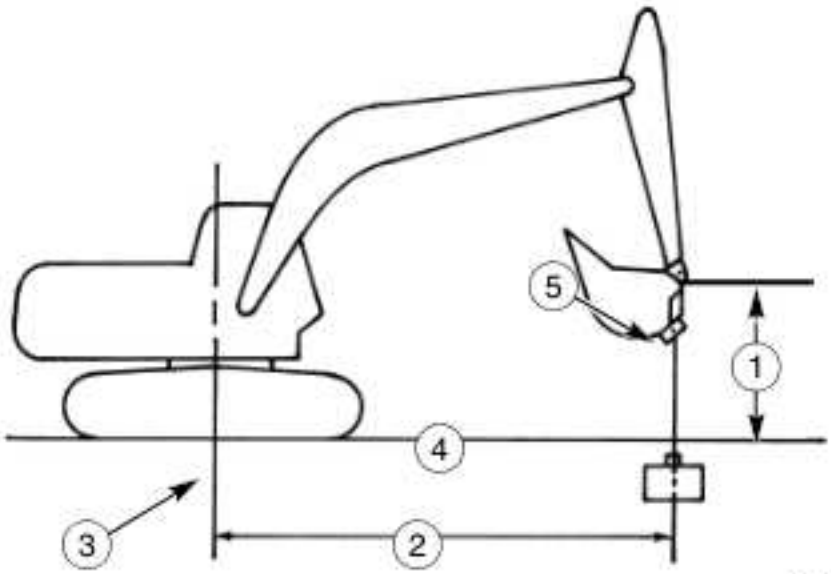
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LIFTING CAPACITIES



1. *Load (Lift) Point Height*
2. *Load (Lift) Point Radius*
3. *Swing Pivot*
4. *Ground Line*
5. *Load (Lift) Point on Bucket*

- The lift point is the lifting eye on the bucket.
- The mass of slings and any auxiliary lifting devices shall be deducted from the rated load to determine the net load that may be lifted.
- All rated lift capacities are based on the machine being level and on a firm supporting surface. For safe working loads, the user is expected to make due allowance for the particular job conditions such as soft or uneven ground, non-level conditions, side loads, hazardous conditions, experience of personnel, etc. The operator and other personnel should fully acquaint themselves with the operator's manual furnished by the manufacturer before operating this machine, and rules for safe operation of equipment shall be adhered to at all times.
- Lifting capacities that are shown in this section do not exceed 75% of the minimum tipping load or 87% of the hydraulic capacity.
- Capacities marked with an asterisk (*) are limited by hydraulic capacities.
- Boom Circuit Pressures 5 260 psi (37.3 MPa)

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