CX210N EXCAVATOR

Operator's Manual

Bur 6-34760na

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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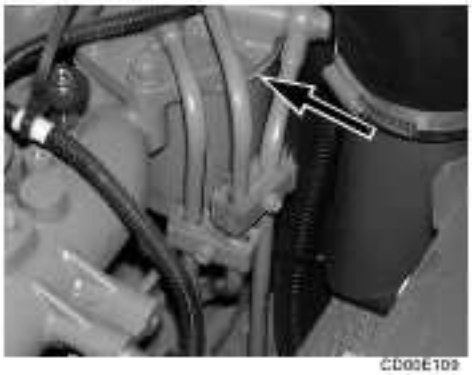
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REPLACING THE FUEL FILTER



Clean the area around the filter head.

Place a receptacle of a suitable capacity under the filter and remove the filter, using a filter wrench.

Apply a thin coat of oil or grease on the new filter seal.

NOTE: Do not fill the new filter with fuel before installing.

Install the new filter. Turn the filter until the seal comes into contact with the filter head and turn an extra half turn by hand.

IMPORTANT: *Do not use a filter wrench to install the filter. Overtightening the filter can damage the seal and filter.*

NOTE: If the engine does not regain full power after replacing the filter, bleed the system.

WARNING: *Completely wipe off any spilled fuel after replacing a filter element or bleeding the system.*

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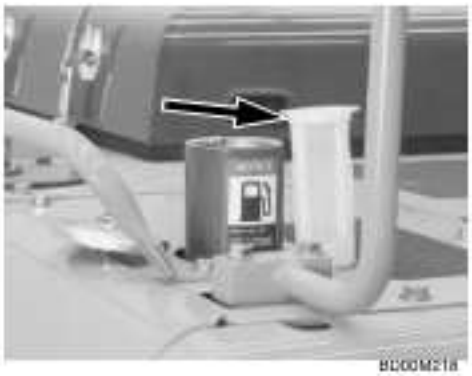
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FUEL TANK FILTER

SERVICE SPECIFICATION

Clean filter ..... Periodically



Remove the filter and clean it in diesel fuel.

NOTE: To refill the fuel tank, see "Fluids and lubricants" in the "Lubrication/Filters/Fluids" Section.

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INSPECTING AND CLEANING THE MACHINE

SERVICE SPECIFICATIONS

Inspect and clean ..... Periodically

Or whenever oil or grease has been spilt on the machine. Clean off with steam or a high pressure water jet.

Take the opportunity during this operation to make a visual check of all the welded components (in case of appearance of cracks), the attachment linkages and check the teeth and tooth tips for correct retention and for wear. Look for any leaks and check the condition of all pipes and hoses.

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