CX240B
Tier 3
Excavator

OPERATOR'S MANUAL

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CASE CONSTRUCTION

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Chapter 2
SAFETY AND DECALS

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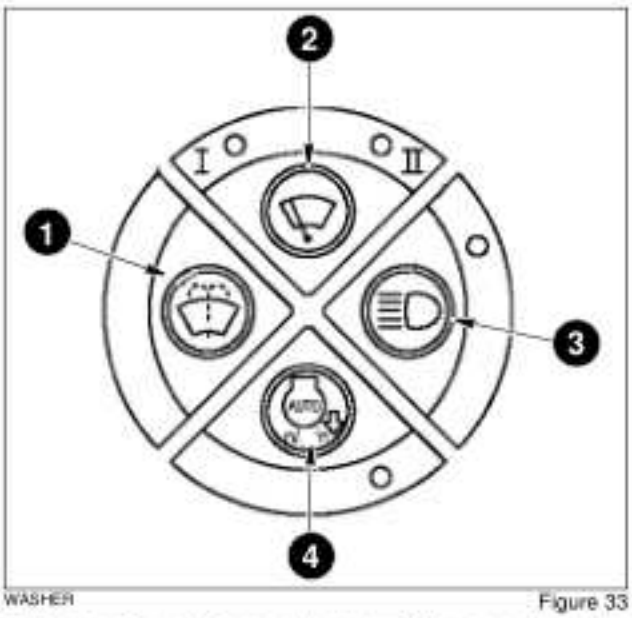
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CONTROL SWITCH



WASHER Figure 33

This four function control switch operates the windshield washer, windshield wiper, work lamps, and the automatic idling switch. It also can be used to enter the password code if the anti-theft device has been set.

NOTE: *The windshield washer and/or wiper will not activate with the front window open.*

1. **Washer Switch:**
   When the switch is pressed, washer fluid is sprayed and the wipers are activated. The washer fluid reservoir is located in the left hand compartment behind the cab and can be lifted out of its support.

IMPORTANT: *Never operate the windshield washer when the reservoir is empty, as this may damage the electric pump.*

2. **Windshield Wiper Switch:**
   This switch has three positions: "Off", "Intermittent" and "Continuous". Press the switch for intermittent operation, the left lamp comes on. Press the switch again to obtain continuous operation, the right lamp will come on. Press the switch once more for the function to cease.

IMPORTANT: *Do not operate the windshield wiper if the windshield is dry, as this may damage the windshield wiper.*

3. **Work Lamp Switch:**
   Press the switch to turn work lights on. Press again to turn lights off.

4. **Auto Idling Switch:**
   When the idle auto switch is pressed, the switch will sound as it switches from normal to auto idling.

   Normal mode: The indicator lamp located to the lower right of the switch will not be illuminated.

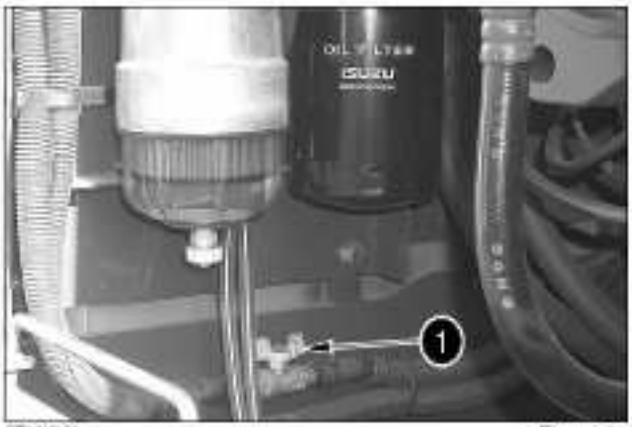
   Auto Idling: The indicator lamp located to the lower right of the switch will illuminate. When auto idling is selected, the engine will run at low idling speed after approximately 5 seconds with the control lever at the neutral position. Operation of the control lever or the throttle volume will allow the engine to return to the original speed automatically.

   If the engine is switched off, the idling chosen during shut down will be held at restart. This switch does not have a default.

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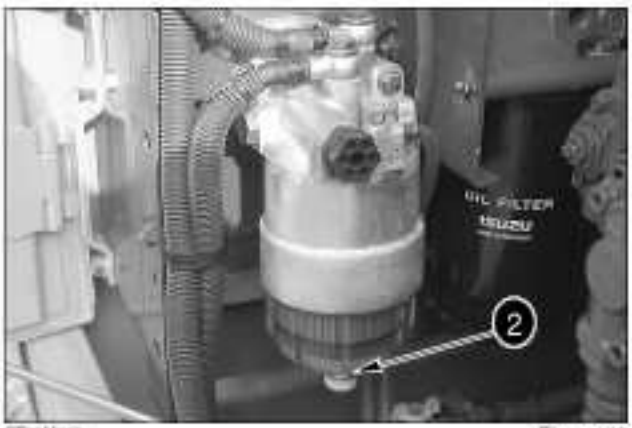
500 HOUR MAINTENANCEREPLACING THE FUEL FILTER

Replace the fuel filter when the hour meter registers 500 hours or more often if conditions require.



CT05K009 Figure 48

1. Filters are located behind the right engine access door.
2. Place a receptacle of a suitable capacity under the prefilter.
3. Close the valve on the supply line (1).



CT05M016 Figure 49

4. Clean the area around the filter head.
5. Place a receptacle of a suitable capacity under the filter and remove the filter, using a filter wrench.
6. Apply a thin coat of oil or grease on the new filter seal.

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



CT05M016 Figure 50

7. Install the new filter. Turn the filter until the seal comes into contact with the filter head. Tighten the body to a torque of 20 ft lbs to 23 ft lbs (27.5 to 31.3 Nm). Do not over tighten. Retighten the bleed plug (2).
8. Bleed the system.

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.*

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2000 HOUR MAINTENANCE

Perform the following when the machine hour meter registers 2000 hours or warning gauges so indicate.

HYDRAULIC SYSTEM

Service Specifications

Reservoir capacity	39 Gal. (147 Liters)
Total system capacity	66 Gal. (250 Liters)
Type of oil	Case Hy-Tran Ultra® (MAT 3505)

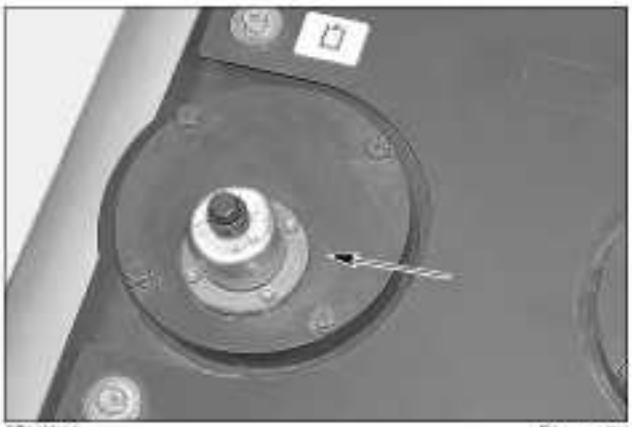
IMPORTANT: *If the machine is new or if a major part has been overhauled or replaced in the hydraulic system, replace the pilot filter and return filter after 50 hours of operation. After that, replace these filters at the stipulated interval.*

IMPORTANT: *After replacing the hydraulic fluid, it is necessary to bleed all air from the hydraulic components. See "Bleeding Air from the Hydraulic Components".*

IMPORTANT: *If metal filings are discovered in the replaced filters, see your CASE Dealer.*

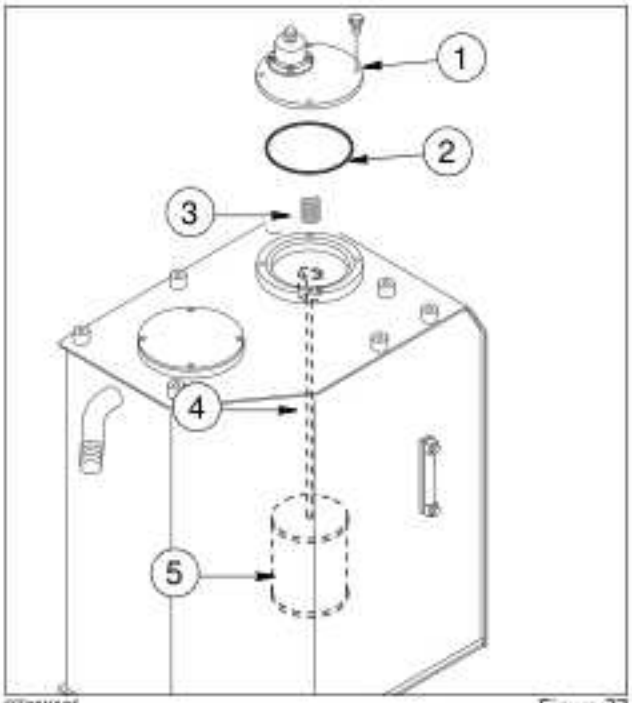
CLEANING THE INLET FILTER

1. Keep all non-authorized personnel clear of the area. Release all pressure in the hydraulic reservoir. See "Releasing Pressure in the Hydraulic System."



CT06K102 Figure 76

2. Clean the top of the hydraulic reservoir and the inlet filter cover.
3. Remove the cover (1) and O-ring (2) and spring (3) on the top of the inlet filter rod assembly.
4. Remove the inlet filter (3) and clean with solvent. Dry completely and check for any damage. If there is any damage on the surface, replace with a new filter.



CT06K105 Figure 77

5. Install a new O-ring (2) and install the inlet filter (5), spring (3), and rod assembly (4).
6. Install the cover (1).
7. Check the level of the hydraulic fluid and add more if necessary. See "Filling the Reservoir".

NOTE: *Install a new inlet filter when the hydraulic oil is replaced.*

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