CX130B
Tier 3
Crawler Excavator

OPERATOR'S MANUAL

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CASE CONSTRUCTION

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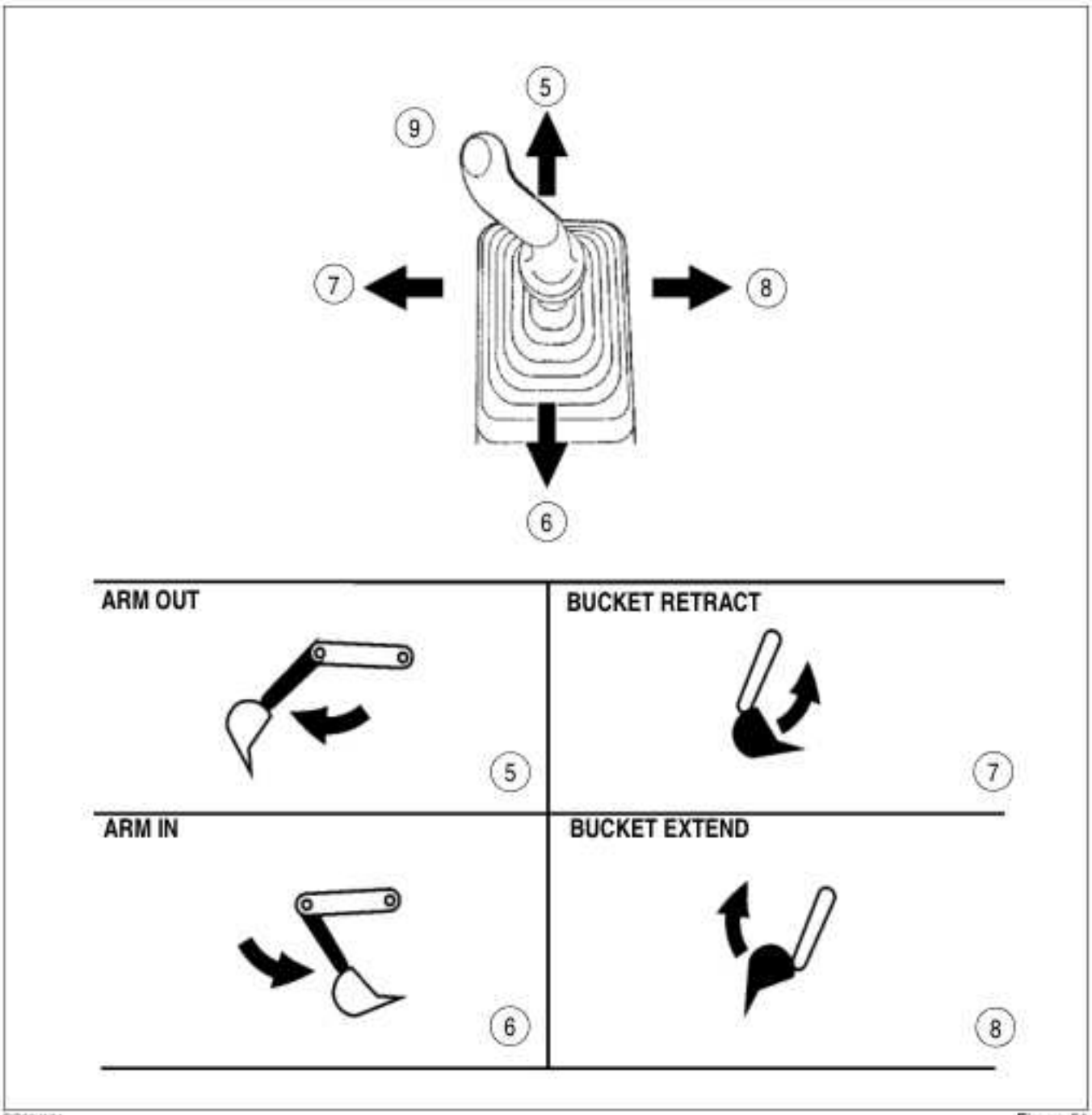
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OPTIONAL CONTROL PATTERN
BOOM AND BUCKET RIGHT-HAND CONTROL LEVER



BC06J124

Figure 51

5.Arm out

6.Arm in

9. NEUTRAL (HOLD) When the control levers are returned to NEUTRAL (HOLD), all movement stops. When released, both control levers return to NEUTRAL (HOLD) automatically.

7.Bucket close (retracts)

8.Bucket open (extends)

NOTICE: *When the upper structure swing control is released it may continue to rotate due to the force of inertia. Make allowance for the extra movement by releasing the control slightly earlier*

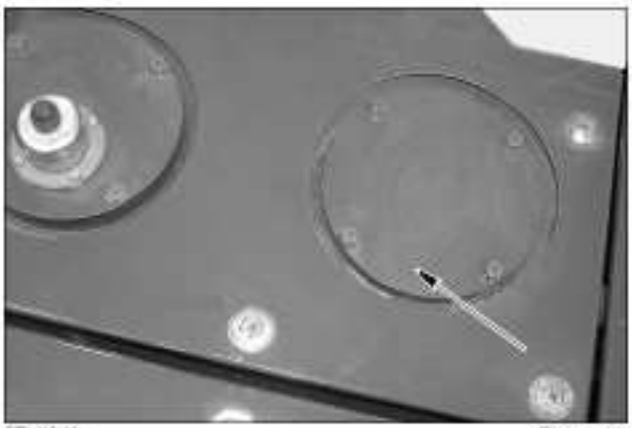
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250 HOUR MAINTENANCE

RETURN FILTER REPLACEMENT (RUN-IN)

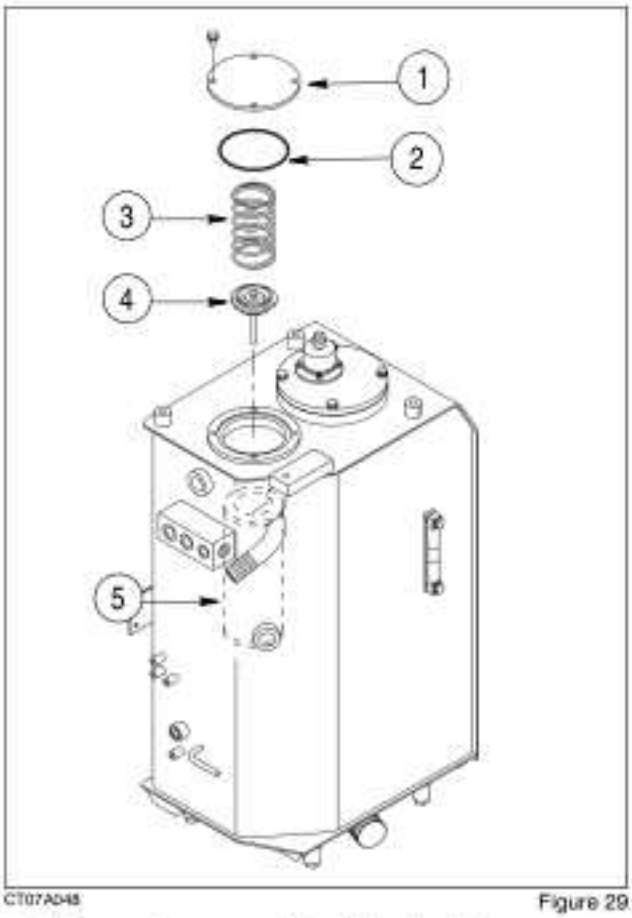
Replace the hydraulic return filter when the machine is new and the hour meter registers 250 hours. Replace the hydraulic fluid return filter when the hour meter registers every 2000 hours thereafter or sooner if conditions so require.

1. Keep all non-authorized personnel clear of the area. Release all pressure in the hydraulic reservoir. See "Releasing Pressure in the Hydraulic System." Clean the top of the hydraulic reservoir and clean the return filter cover.



CT06K103 Figure 28

2. Remove the upper plate (1) on the hydraulic reservoir.
3. Clean the top of the hydraulic reservoir and clean the return filter cover.



CT07A048 Figure 29

4. Remove the cover (1) and O-ring (2).
5. Take out the spring (3), valve (4) and return filter (5).
6. Install a new filter. Clean the spring (3) and valve (4) and assemble them.
7. Check O-ring (2), and replace it if worn or damaged.
8. Install the cover (1).
9. Check the level of the hydraulic fluid and add more fluid, if necessary. See "Filling the Reservoir".

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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)

NOTICE: *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.*

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

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

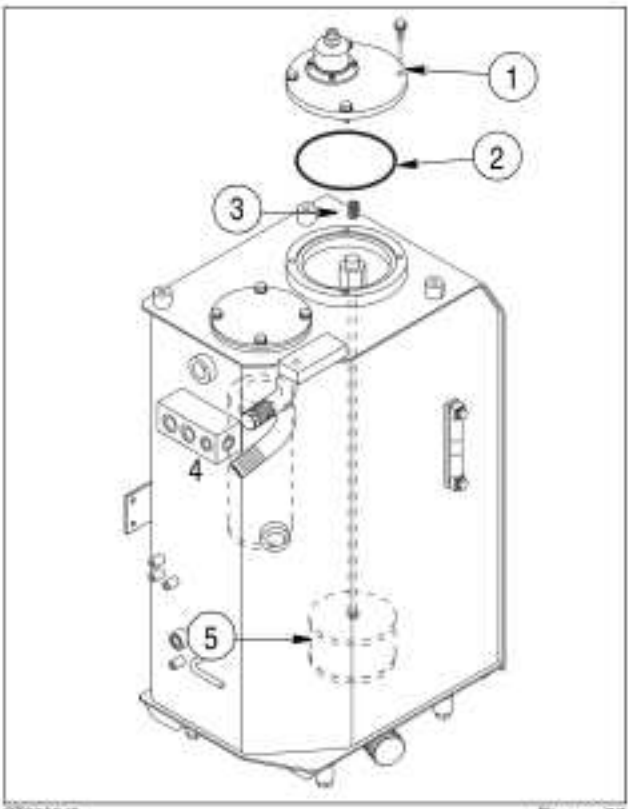
CLEANING THE INLET FILTER

1. Park the machine on a firm, level surface. 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 62

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.



CT07A048 Figure 63

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".

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

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