PART NO. EM18L-1-2

HITACHI

Operator's Manual

EX2500-6

Hydraulic Excavator

Serial No 001001 and up

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MEMO

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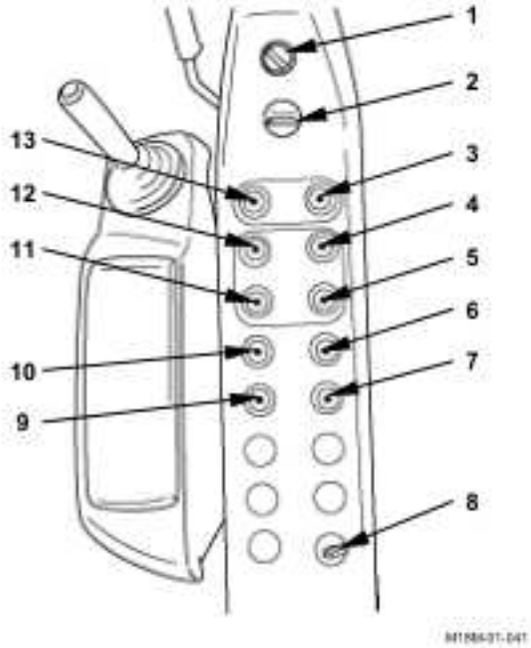
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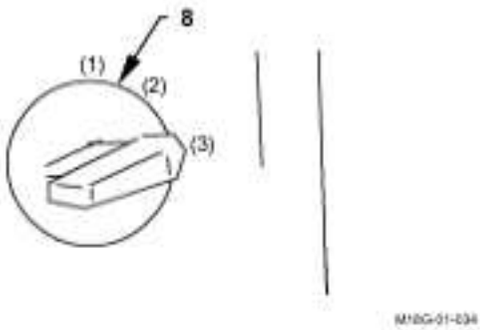
RIGHT CONSOLE

1- Emergency Engine Stop Switch
2- Engine Speed Control Dial
3- Engine Start Switch
4- Dome Light Switch
5- Entrance Light Switch
6- Auto Idle Switch
7- Fast-Filling Switch
8- Key Switch
9- Buzzer Stop Switch
10- Travel Mode Switch
11- Maintenance Light Switch
12- Work Light Switch
13- Engine Stop Switch



KEY SWITCH

1- OFF (Power OFF)
2- ACC (Horn, Radio, etc)
3- ON (Power ON)



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Change Oil --- every 500 hours
(first time after 50 hours)
Replace Filter --- every 500 hours
Clean Breather --- every 500 hours

1. Park the machine on a level surface.

2. Lower the bucket to the ground.

3. Turn the auto-idle switch off.

IMPORTANT: The turbocharger may be damaged if the engine is not properly shut down.

4. Run the engine at slow idle speed without load for five minutes.

5. Stop the engine. Remove the key from the key switch.

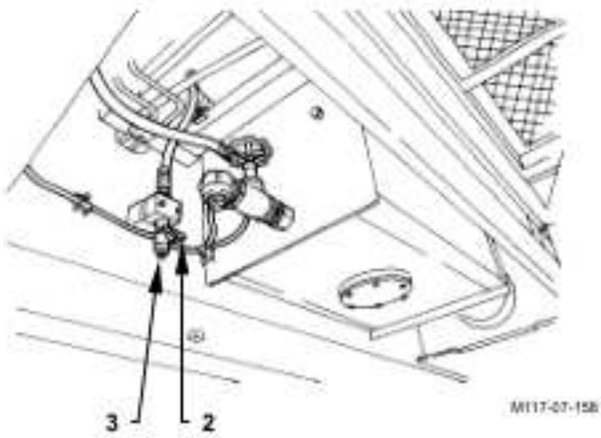
6. Pull the pilot control shut-off lever to the LOCK position.

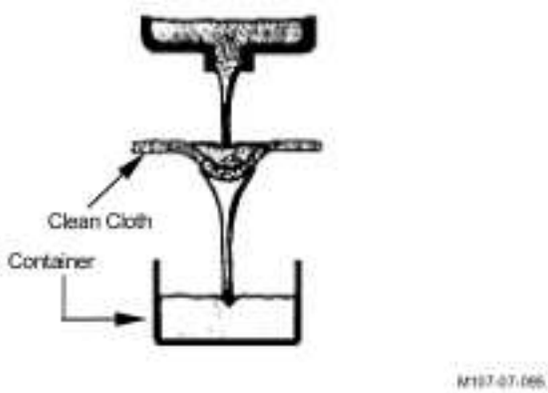
WARNING: Gear oil may be hot just after operation. Wait for gear oil to cool before starting work.

7. Prepare a container of 26 liter (6.9 US gal) or more capacity for the drain oil.

8. Remove drain plug (3) on the pump transmission housing, and loosen cock (2) to drain the oil.

9. Check if foreign material like metal particles are included in the drain oil by filtering it with a clean cloth.

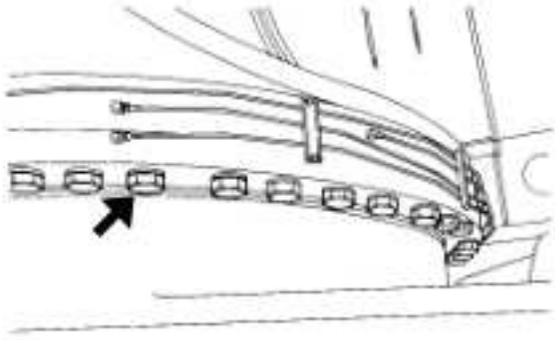




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15. Swing bearing mounting bolts.

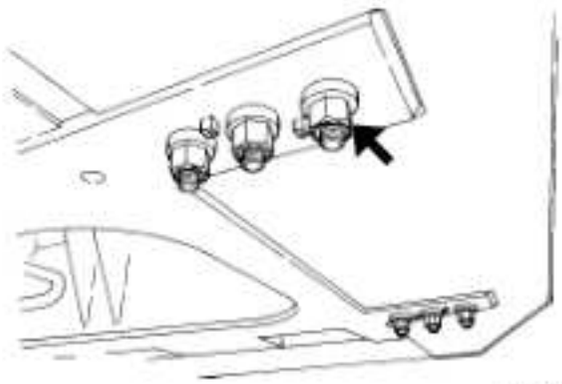
Tool: 75 mm
Torque: 4900 N·m (500 kgf·m, 3620 lbf·ft)



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16. Counterweight mounting nuts.

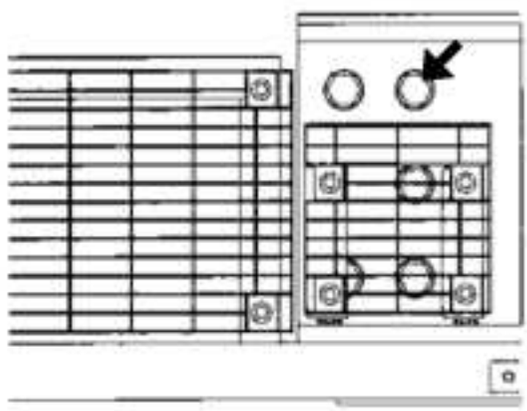
Tool: 75 mm
Torque: 4900 N·m (500 kgf·m, 3620 lbf·ft)



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17. Engine bed mounting bolts.

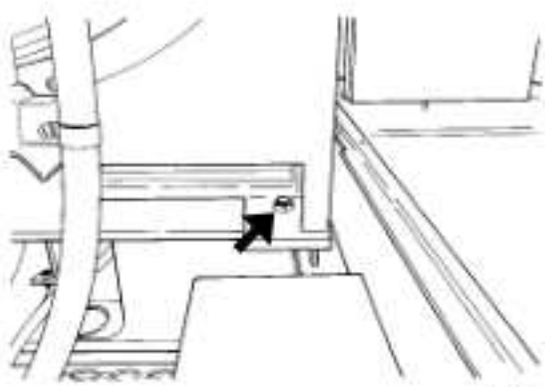
Tool: 46 mm
Torque: 1420 N·m (145 kgf·m, 1050 lbf·ft)



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18. Oil cooler mounting nuts.

Tool: 36 mm
Torque: 690 N·m (70 kgf·m, 510 lbf·ft)



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