PART NO. EM18N-1-1

HITACHI

Operator's Manual

EX5500-6

Hydraulic Excavator

Serial No 001001 and up

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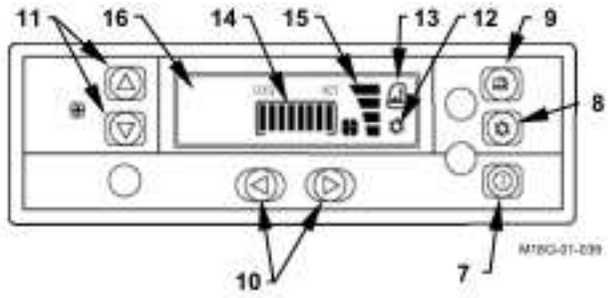
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8. Air Conditioner Switch
9. Ventilation Shift Switch
10. Temperature Control Switches
11. Blower Control Switches
12. Air Conditioner Indicator
13. Ventilation Indicator
14. Temperature Indicator
15. Blower Speed Indicator
16. Liquid Crystal Display (LCD)

- Power switch (7)
  Press power switch (7) to turn power ON. Press it again to turn power OFF.
- Air Conditioner Switch (8)
  Press air conditioner switch (8) to turn ON the air conditioner. Press it again to turn it OFF.
- Air Conditioner Indicator (12)
  Air conditioner indicator (12) will light when the air conditioner is turned ON.
- Ventilation Shift Switch (9)
  Press ventilation shift switch (9) to shift ventilation to circulation mode. Press it again to shift it to fresh air mode.
- Ventilation indicator (13)
  Circulation
  Fresh Air

NOTE: When the fresh air mode is selected, the cab is slightly pressurized, preventing dust from entering into the cab.

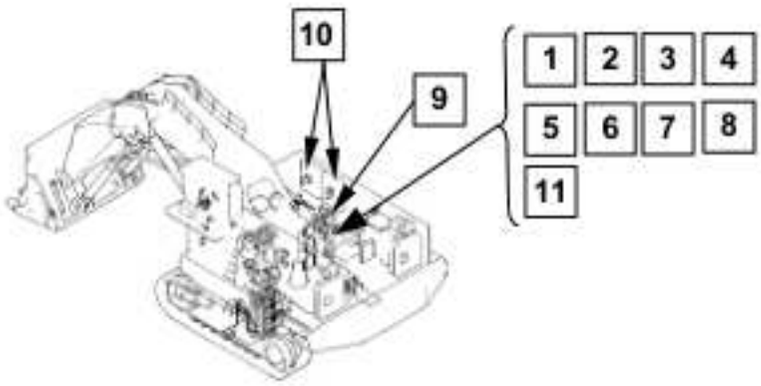
- Temperature Control Switches (10)
  Press temperature control switch ⊕ (10) to increase the temperature.
  Press temperature control switch ⊖ (10) to decrease the temperature.
- Temperature Indicator (14)
  The number of the lit LCD indicates the relative temperature of the air blowing out. The higher the number of the lit LCD, the higher the temperature of the air blowing out is.

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D. HYDRAULIC SYSTEM

Parts	Quantity	Interval (hours)								
		10	50	250	500	1500	2000	2500	4000	12000
1. Check Hydraulic Oil Level	1	■								
2. Drain Hydraulic Oil Tank Sump	1			■						
3. Replace Full-Flow Filter Element and Drain Filter Element	7		✱		■					
4. Replace Bypass Filter Element	1		✱		■					
5. Replace Pilot Oil Filter Element	2		✱		■					
6. Change Hydraulic Oil	6200 L (1638 US gal)						★	★	★	
7. Clean Suction Filter	6	When changing Hydraulic Oil								
8. Replace Suction Filter	6									■
9. Replace High-Pressure Filter	12									■
10. Clean Oil Cooler Core	4				■					
11. Check Hoses and Lines (for leak, loose)	–	■								
Check Hoses and Lines (for crack, bend, etc.)	–			■						

NOTE: ✱ First time only.
★ Hydraulic oil changing interval differs according to the kind of Hydraulic oil used.



M18N4-31-001

Brand Names of Recommended Hydraulic Oil

Kind of Lubricant	Hydraulic Oil					
Where to be applied	Hydraulic System					
Change Interval	4000 hours		2500 hours		2000 hours	
Environmental Temp. / Manufacturer	–20 to 50°C (–4 to 122°F)	–10 to 50°C (14 to 122°F)	–20 to 50°C (–4 to 122°F)	–10 to 50°C (14 to 122°F)	–20 to 50°C (–4 to 122°F)	–10 to 50°C (14 to 122°F)
Hitachi	Super EX 46HN					
Idemitsu Kosan			Super Hydro 46 WRHU			
British Petroleum					Bartran HV46	
Caltex Oil						Rando Oil HD46
Texaco INC.						Rando Oil HD46
Chevron U.S.A INC.						Chevron AW46
Esso						NUTO H46
Mobil Oil						DTE 25
Remarks	Anti-wear type hydraulic oil					

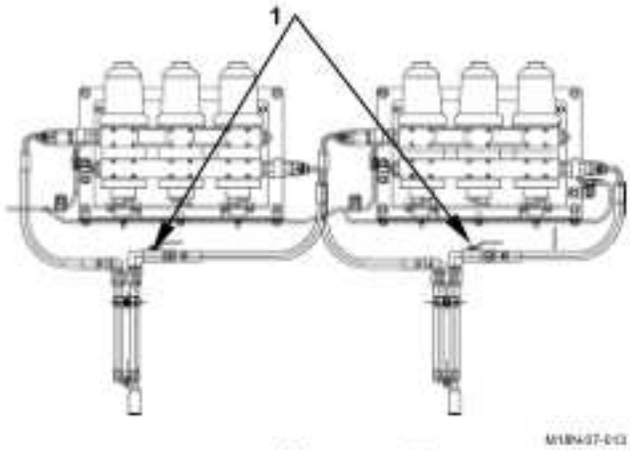
NOTE: Use proper hydraulic oil in accordance with the atmospheric temperature.
The machine shipped from the factory is filled with oil marked ■

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3 **Replace Fuel Element**
--- every 250 hours

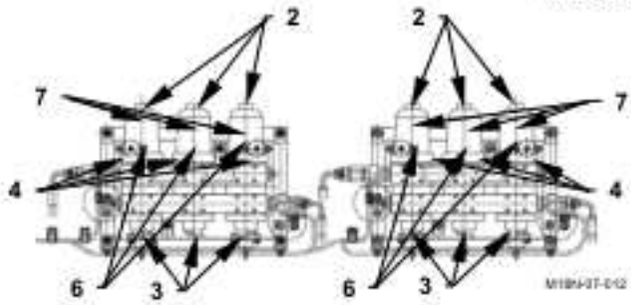
IMPORTANT: When fuel level reaches top of filter element in clear cover before 250 hours, replace fuel element before change interval.

Be sure to prepare a container large enough to collect fuel when replacing fuel filter to avoid ground contamination and for safety.



1. Stop the engines.

WARNING: Fuel may be hot just after operation. Be sure to wait for fuel to cool before starting work.



2. Close cock (1) on the inlet line.
3. Loosen fuel vent cap (2) to break the air lock in the filter.
4. Open drain valve (3) and drain the fuel level below collar (4) level, then close drain valve (3).
5. Using Collar/Vent Cap Wrench (5), remove clear cover (6) by removing collar (4). Discard the o-ring from clear cover (6). (A new o-ring is supplied with the new filter.)
6. Remove filter element (7). Be sure the sealing grommet is removed from the center stud.
7. Install new filter element (7) (supplied with a sealing grommet inserted into the element.) on the center stud by pushing down.
8. After checking the new o-ring (supplied with the new filter) at clear cover (6) is in place, install clear cover (6) and collar (4). Hand tighten collar (4) until seated. Do not use Collar/Vent Cap Wrench (5) to tighten.
9. Remove fuel vent cap (2) from the top of clear cover (6). Fill clear cover (6) with enough clean fuel to cover the bottom half of the filter element.
10. Reinstall fuel vent cap (2) and tighten by hand only.
11. Open cock (1) on the inlet line.
12. Start the engines. When the lubrication system reaches its normal operating pressure, increase engine speed for one minute.



Refer to the manual for Cummins Engine.

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