OM560C99/1E

OPERATOR'S MANUAL

560C

SERIAL NUMBERS
15001 AND UP



DRESSTA Co. Ltd.
A JOINT VENTURE OF KOMATSU AMERICA INTERNATIONAL CO. AND HUTA STALOWA WOLA S.A

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INSTRUMENTS AND CONTROLS

53. CONTROL LEVER LOCKING PLATE (FIG. 4.8)



Fig. 4.8. Control Lever Locking Plate

1- Locking Plate 2 - Locking Bar

Locking plate 1 is used to lock the control levers in the neutral position. In the drawing the plate is shown in the non-locked position.

54. HAZARD LIGHTS WITH CONTROL LIGHT
Switch on hazard lights in case of malfunction of loader in a hazardous place e.g. building site.
Red light comes on when hazard lights are switched on.

55. DIRECTIONAL SIGNAL SWITCH
Used to switch on right or left turn signal (forward or backward movement of the switch).
Green lights come on when the directional signal is switched on.

WARNING! When roading the machine, engage the hydraulic control lever locking plate. Accidental actuation of the levers may cause personal injury or damage of the machine.

4.4. SUSPENSION SEAT

WARNING! Before driving the machine, adjust the seat and fasten the seat belt. Adjust the seat belt to fit snugly and low around the hips to lessen the chance and severity of injury in the event of an accident. Never wear the seat belt across the abdomen.

WARNING! Do not adjust the seat position while the machine is moving, because a lose of control may result.

Stop the machine, apply the parking brake and then adjust the seat as described below.

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5.4.5. REFILL SPECIFICATIONS AND CAPACITIES

Chart 2.

Lubrication point	Capacity [l]	Grade	Temp. +49° to –7°C	Temp. +21° to –23°C	Temp. -12° to –34°C	Temp. -12° to –54°C
Crankcase	57	EO1	Engine oil per B21-0002 CE, CF-4 or CD per API SAE 15W/40 | SAE 5W/30 | SAE 5W/40 NOTE: Refer to Operating and Maintenance Instruction of Cummins Engine			Arctic grease Per HMS B21-0001
Hydraulic System	382	HDTF LUB EO2	Hydraulic & Transmission Fluid Per HMS B21-0006 passing Test C-4/TO-4*) SAE 10W Or Engine oil per HMS B21-0003 or CD MIL-L-2104C SAE 10W			
Transmission and Converter System	144	HDTF	Hydraulic & Transmission Fluid Per HMS B21-0006 passing Test C-4/TO-4*) SAE 10W			
Drive Axles (each) Steering Gear Housing	80 0.33	MPL	Transmission oil per HMS B22-0003 or GL-5, MIL-L-2105C SAE 85W/140 | SAE 80W/90 | SAE 80W/90 | SAE 85W/140 |			Arctic grease Grade 75 Per HMS B22-0003
All Lube Fittings	As required	MPG	Mylti-purpose grease per HMS B27-0002 Or Lithium Grease NLG12 with 3% MoS			Arctic grease Per HMS B27-0003
Cooling System	101		Antifreeze per HMS B21-0001 50% antifreeze concentrate 50% water			62% antifreeze concentrate 35% water
Fuel Tank	625		Diesel oil per HMS B32-0001 or ASTM D975 1D 2D			DFA

*) oil should not include viscosity improving additives

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5.11.3. CHANGING THE LUBRICATING OIL FILTERS

Change the engine lubricating oil and filters at every oil change interval.

1. Drain the crankcase oil as outlined in 5.11.2.
2. Open the engine side access door on the right side of the machine.

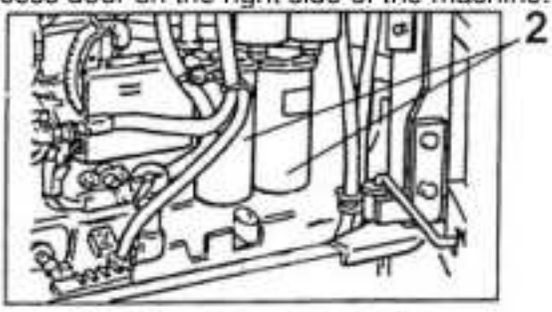


Fig. 5.32. Lubricating Oil Filters

3. Clean the area around two full flow oil filters (2).
4. Using a filter wrench, remove the two full flow oil filters by turning them counterclockwise. Discard the filters in a suitable manner if they are not needed for any reason.
5. Clean the filter gasket surface of the filter header for each filter. The oil filter O-ring may stick on the filter header. Make sure the O-ring is removed.
6. Fill the new filter with clean engine oil. Then, apply a thin coat of clean engine oil to the seal of the filter, as shown in Fig. 5.33.

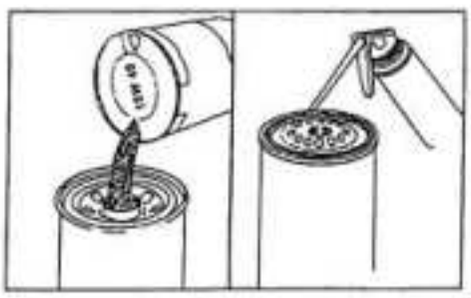


Fig. 5.33. Preparing Filters for Installation.

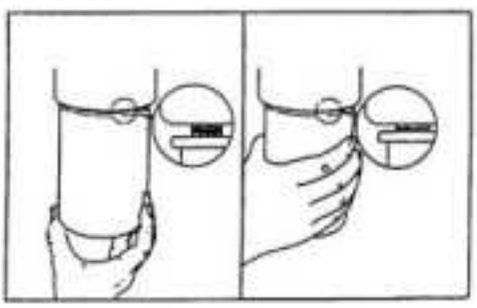


Fig. 5.34. Method of Oil Filter Installation

IMPORTANT: *If the filter is not filled with engine oil, there will be a lack of lubrication during the delay until the filters are pumped full of oil. This lack of lubrication is harmful to the engine.*

7. Install the filter on the filter header until the filter seal contacts the seal surface of the filter header and then, turn the filter an additional 1/2 to 3/4 turn by hand, Fig. 5.34. Do not overtighten the filter or damage may result to the filter seal or threads. Use genuine filters only.

5.11.4. FILLING WITH OIL.

1. Remove oil drain line. Check that automatic drain valve is tight. Install and tighten the metal locknut.
2. Remove oil filler cap 2, Fig. 5.29. Fill the engine with the type and quantity of engine oil specified on the oil filler. The type of lubricant used depends on the ambient temperature. Select according to the table specified in REFILL SPECIFICATIONS AND CAPACITIES CHART.
3. After refilling the engine with oil and before starting the engine, perform the procedure outlined under 4.12.3. STARTING AFTER OIL CHANGE OR LONGER STORAGE. This procedure insures that the engine receives proper lubricating oil flow. Lack of lubrication will damage the engine.

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SPECIFICATIONS

6.7. WIRING DIAGRAM

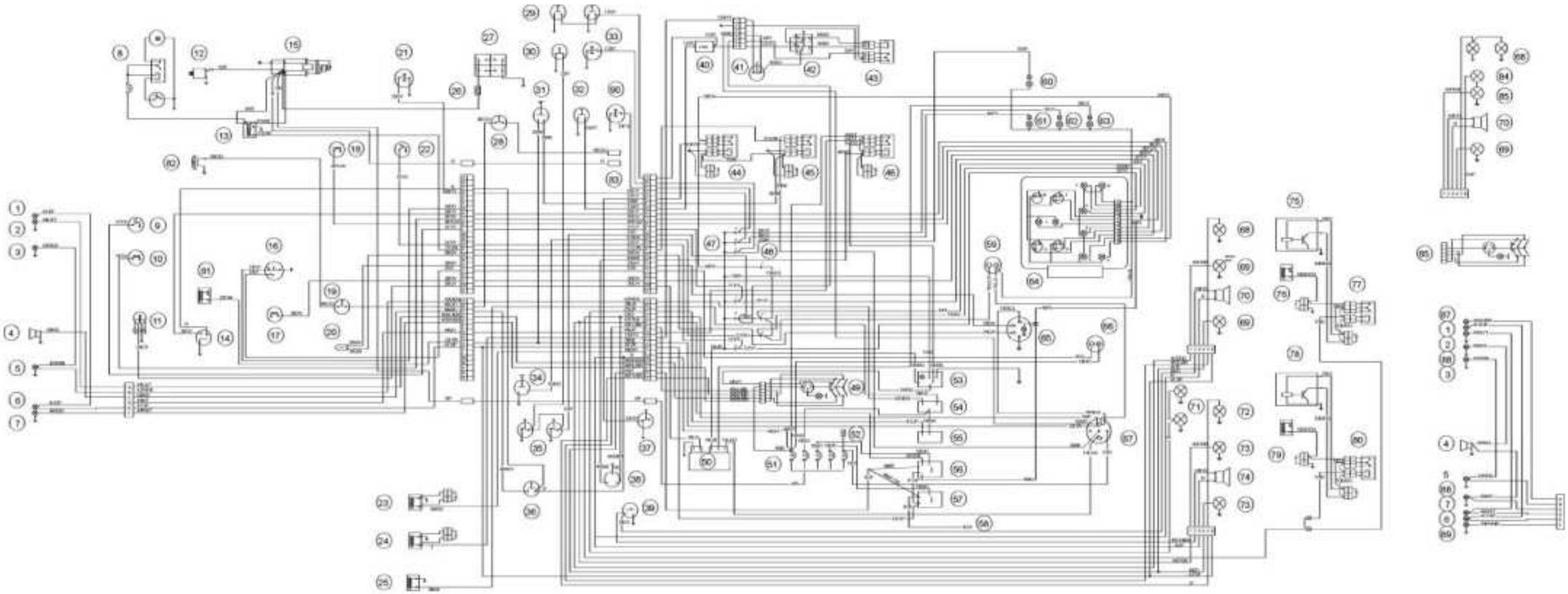


Fig. 6.5. Wiring Diagram

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