HITACHI

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SERIAL NO .....

ENGINE TYPE NO .....

HYDRAULIC TRANSM. TYPE/NO .....

MASTER KEY SWITCH NO .....

CAB KEY NO ..... FUEL FILLER CAP KEY NO. .....

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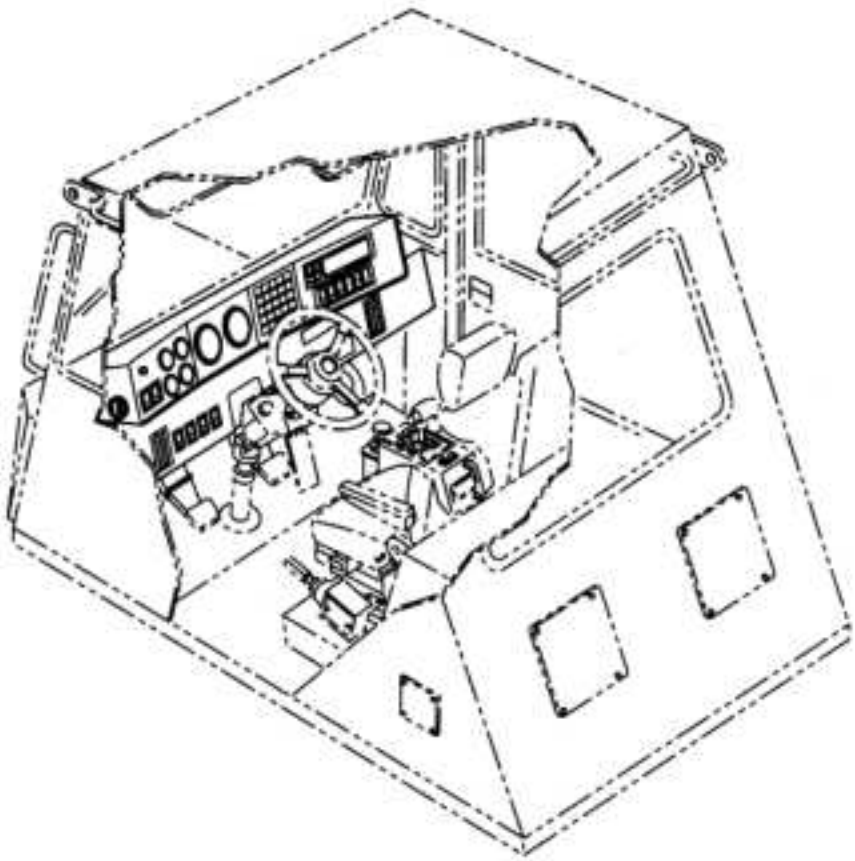
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INSTRUMENT PANEL



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The instrument panel is explained throughout the following pages. The description and operation of other operator's controls can be found in the Operators Controls section in this manual.

WARNING!

Before operating the machine, the operator must know the location and proper operation of all controls. Read this manual carefully.

WARNING!

Observe the gauges and warning lights while operating the machine. Do not operate the machine when gauges and warning lights are not working properly.

Note: The master key switch must be turned to the "ON" position when checking instruments and controls.

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TRANSPORTING

1. Due to the size and weight of the machine it will have to be disassembled to conform to the following:

   - Capacity of the transporting truck(s).
   - Local weight limitations of roadways.
   - Necessity of road permits for transporting.

   Refer to **Loading Dump Body** and **Loading Chassis** later in this section.

2. Two cranes with a minimum lifting capacity of 32 Tonnes (35 tons) will be required to load the dump body and chassis on trailers.

3. Load bearing chains, cables or slings with a minimum 22680 kg (50,000 lb.) capacity will be required.

4. A shipping kit secured the hoist cylinders and rear ride struts when the machine was shipped from the factory. These items can be fabricated and are shown, beginning on the next page.

5. Always load and unload on a level surface.

6. Use adequate chains, blocks, cables, etc. to secure the dump body and chassis to trailer floor. Reference **NAMEPLATES, WARNING, AND INFORMATION DECALS** in the **PRESENTATION** section of this manual for machine tie down locations.

7. Transporting in foggy, dusty, or stormy weather conditions requires additional care.

Note: ***Reference; "Parking Machine, Short Term Storage" for required procedures prior to transporting of the machine.***

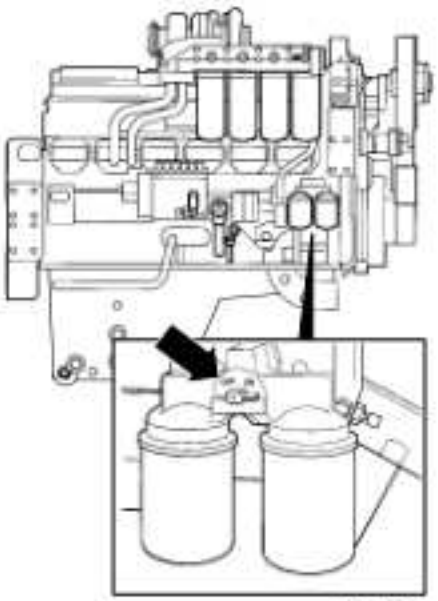
Note: ***Refer to the EH1600/EH1700 Field Assembly and or Service Manual for additional references pertaining to removals and disassemblies.***

Note: ***It is important that you know the overall height, width, and weight of the dump body and of the chassis when transporting. Check with local officials for any special permits, escort requirements, or regulations that may be necessary.***

Note: ***The body control lever should also be secured in the hold position to prevent accidental movement of the body cylinders during shipment.***

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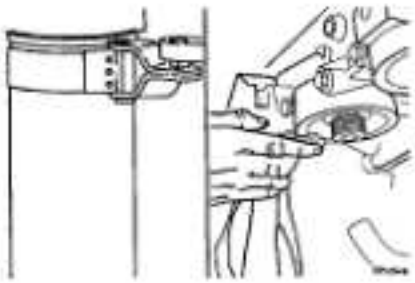
Put the machine in the SERVICE POSITION



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Change Coolant Filter

1. Turn the valve on the filter head to the "**OFF**" position.
2. Clean the area around the coolant filter head.



3. Remove the filter with a strap or filter wrench.

Note: ***The O-ring can stick on the filter head. Make sure the O-ring is removed.***

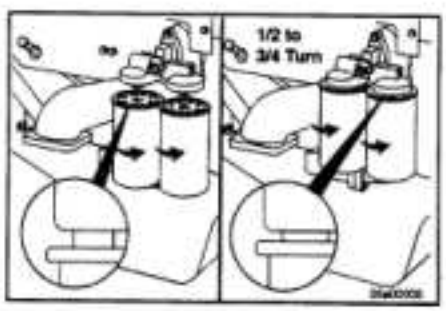
4. Discard the filter after draining remaining coolant out of the filter and into a container.
5. Clean the O-ring sealing surface of the filter head.
6. Apply a light even coat of lubricating oil to the O-ring sealing surface prior to installing the filter.



Note: ***Do not allow oil to get into the filter, it adversely affects the coolant additive concentrate.***

7. Position the filter to the filter head. Tighten the filter by hand until the seal touches the filter head. Tighten an additional 1/2 to 3/4 turn. Move the filter head valve to the "**ON**" position.

Note: ***Mechanical overtightening of the coolant filter can distort the threads or damage the filter seal.***



8. Start the engine and check for leaks at the filter head. If seals leak, shut down the engine and remove the filter and check the sealing surface. Usually it does not help to tighten the filter further.

Refer to the SPECIFICATIONS SECTION of this manual for torques, recommended lubricants, capacities, etc.

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