CEAM021802

Operation & Maintenance Manual

PC350LC-8
PC350HD-8

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC350LC-8 A10001 and up
PC350HD-8 A00001 and up

ENGINE 6D114E-3

March 2016

KOMATSU®

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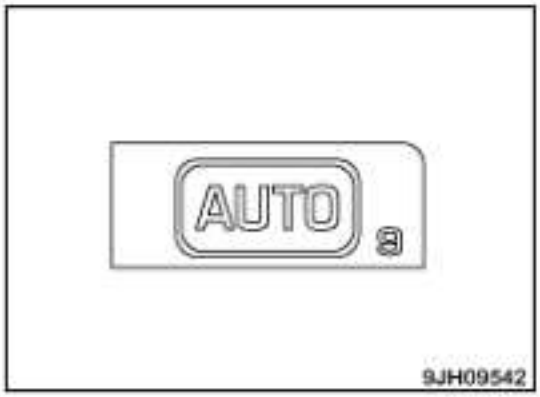
Auto Switch

With switch (5), the air flow, vents, and air source (RECIRC/FRESH) are automatically selected according to the set temperature.

- Press switch (5), then use temperature control switch (3) to set the temperature, and run the air conditioner under automatic control.
- When switching from automatic operation to manual operation, it is possible to use the switches to select the vents and air source (RECIRC/FRESH).

Remark

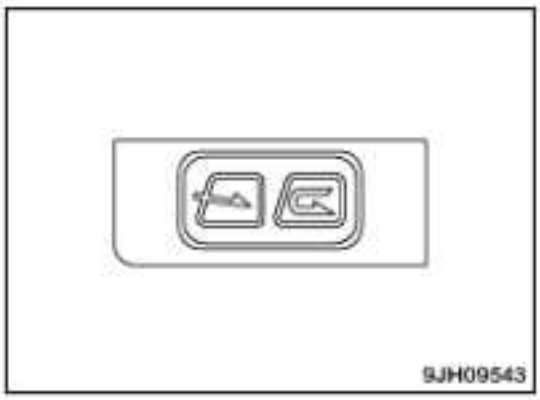
When Auto Mode is selected, if the set temperature is set to 18.0°C (64.4°F) or 32.0°C (89.6°F), the air flow is always set to High, but this is not a problem.



Fresh/recirc Selector Switch

Switch (6) is used to switch the air source between recirculation of the air inside the cab and intake of fresh air from the outside.

- During automatic operation, the selection of inside air (RECIRC) and outside air (FRESH) is performed automatically.

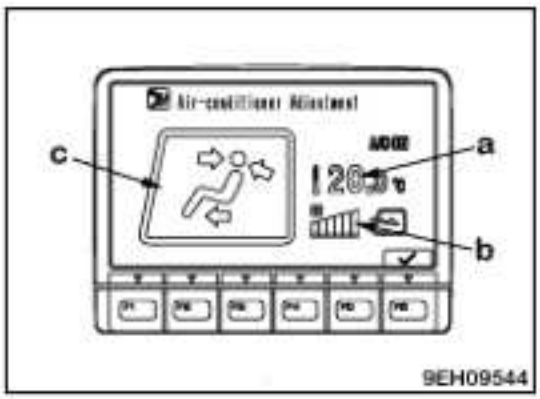


RECIRC	Outside air is shut off and only air inside the cab is circulated. Use this setting to perform rapid cooling of the cab or when outside air is dirty.
FRESH	Outside air is taken into the cab. Use this setting to take in fresh air when performing demisting.

Display Monitor

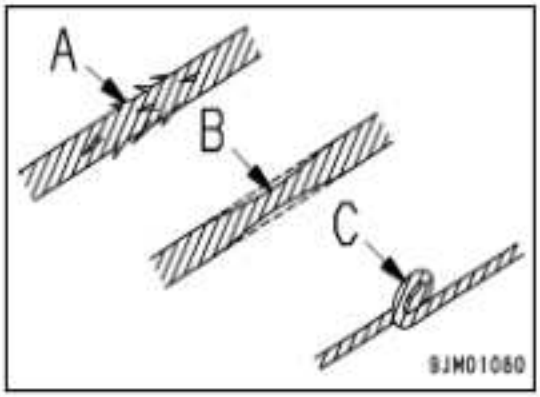
Monitor (7) displays the status of temperature setting (a), air flow (b), and vents (c).

- When OFF switch (1) is pressed, the display of temperature setting (a) and air flow (b) goes out, and operation stops.



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Towing The Machine



⚠ WARNING

Serious injury or death could result if a disabled machine is towed incorrectly or if there is a mistake in the selection or inspection of the wire rope.

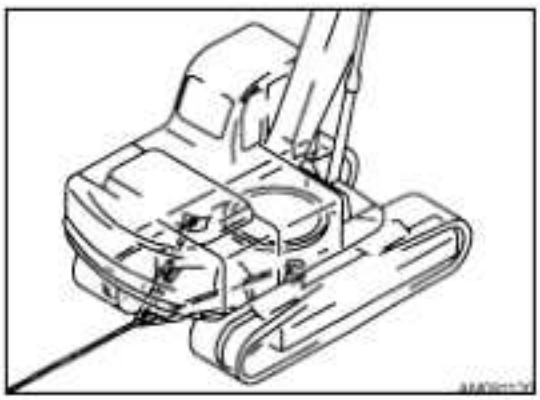
- **Always check that the wire rope used for towing has ample strength for the weight of the machine being towed.**
- **Never use a wire rope which has cut strands (A), reduced diameter (B), or kinks (C). There is danger that the rope may break during the towing operation.**
- **Always wear leather gloves when handling wire rope.**
- **Never tow a machine on a slope.**
- **During the towing operation, never stand between the towing machine and the machine being towed.**
- **Operate the machine slowly and be careful not to apply any sudden load to the wire rope.**

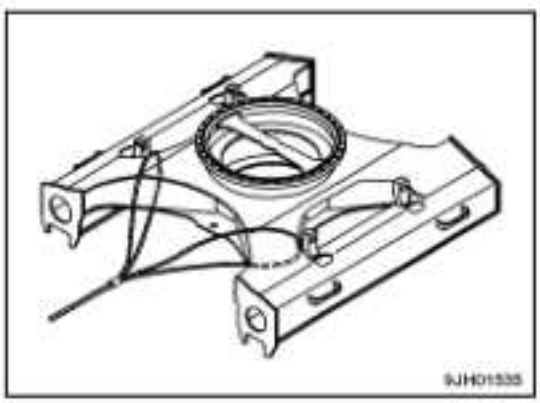
Remark

The maximum towing capacity for this machine is 197,100 N (20,100 kgf).

Always carry out towing operations within the maximum towing capacity.

- If the machine sinks in mud and cannot get out under its own power, or if the drawbar pull of the excavator is being used to tow a heavy object, use a wire rope as shown in the diagram on the right.
- Place pieces of wood between wire ropes and body to prevent damage to ropes and body.
- Hold the wire rope level and direct it straight to the track frame.
- When towing a machine, travel at a speed of less than 1 km/h for a distance of only a few meters to a place that is suitable for carrying out repairs.
  This is for use only in emergencies.





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Every 1000 Hours Maintenance

Maintenance for every 50, 250 and 500 hours should be carried out at the same time.

Replace Fuel Main Filter Cartridge

⚠ WARNING

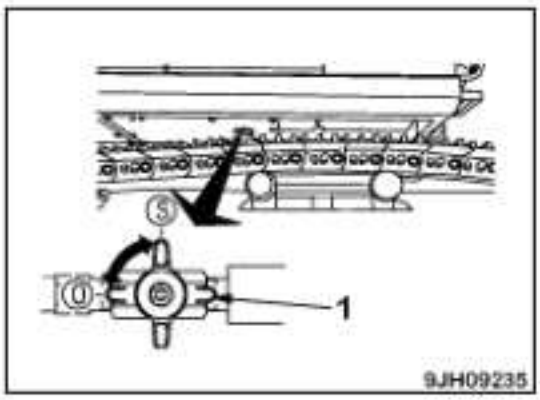
- **After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.**
- **High pressure is generated inside the engine fuel piping system when the engine is running. When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.**
- **Do not bring any fire or flame close.**

Remark

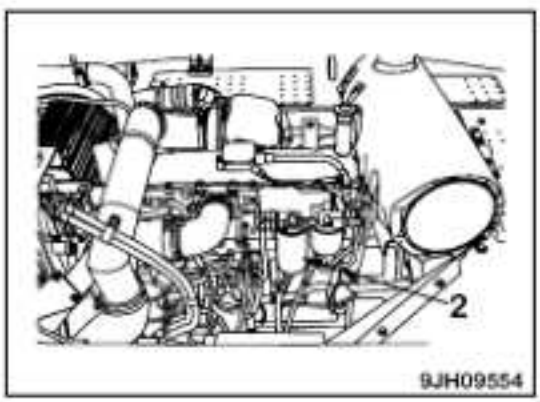
- *Genuine Komatsu fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine Komatsu part.*
- *The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle.*
- *If any part other than a genuine Komatsu filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.*
- *When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.*

- Container to catch the oil.
- Prepare a filter wrench.

1. Turn the valve (1) at the bottom of the fuel tank to the CLOSE position (S).



2. Open the engine hood.
3. Set the container to catch the fuel under the filter cartridge.
4. Using a filter wrench, turn filter cartridge (2) counterclockwise to remove it.
5. Clean the filter holder, coat the packing surface of the new filter cartridge thinly with oil, then install the filter cartridge to the filter holder.



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