TEN00473-02

Operation & Maintenance Manual

HYDRAULIC EXCAVATOR

PC160LC-8

SERIAL NUMBERS 25056 and up

ecot3

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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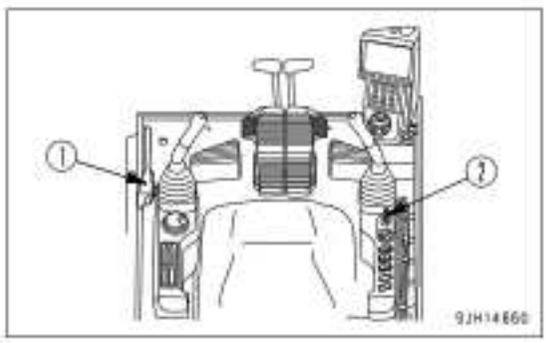
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Operations Before Starting Engine

⚠ WARNING

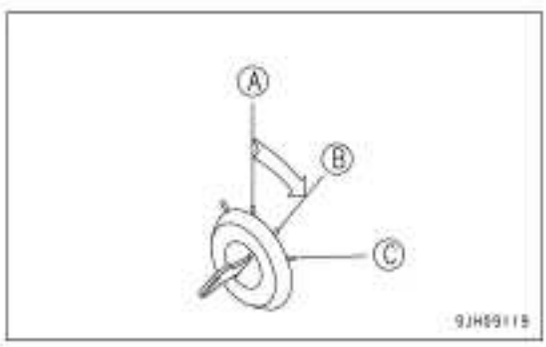
When starting the engine, check that the lock lever is securely at LOCK position.
If the lock lever is not locked securely and the control levers or control pedal are touched when the engine is started, the machine may move unexpectedly, and this may lead to serious personal injury.



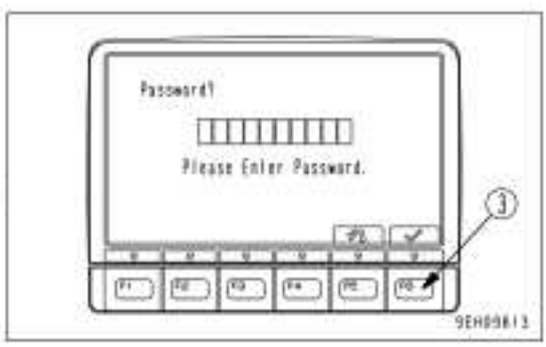
1. Check that lock lever (1) is at LOCK position (L).
2. Check that each control lever and control pedal is at NEUTRAL position.
   If the control levers and control pedal are not being touched, they will be at NEUTRAL position.



3. Insert the key in starting switch (2), turn the key to ON position (B), then carry out the following checks.



- If a password has been set, the input display screen will be displayed on the monitor screen.
  After inputting the password, press Enter switch F6 (3).



REMARK
Contact your Komatsu distributor for details of the method of setting, changing, or cancelling the password.

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TRANSPORTATION

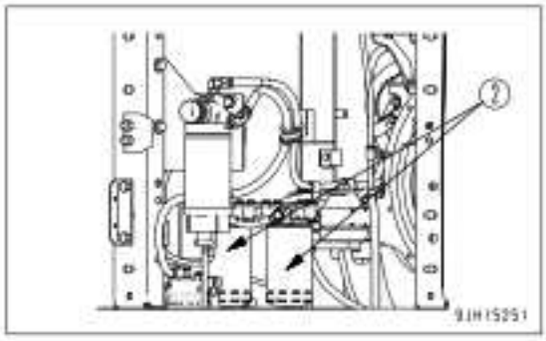
When transporting the machine, observe all related laws and regulations, and be careful to assure safety.

TRANSPORTATION PROCEDURE

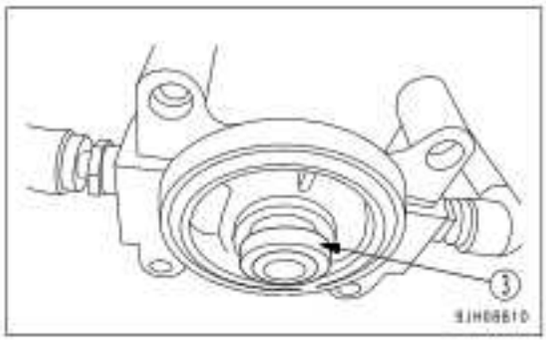
- Select the method of transportation to match the weight and dimensions given in "SPECIFICATIONS (PAGE 5-2)".
  Note that the weight and dimensions given in SPECIFICATIONS may differ according to the type of shoe or arm, or other attachments.
- Please consult your Komatsu distributor for details of the procedure for transporting machines with a protective guard installed for the operator's cab.

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(Machine of poor fuel arrangement specification)

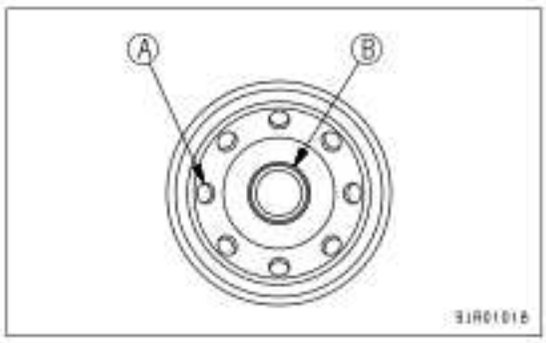


- Replace inner seal (3) with a new part.



NOTICE

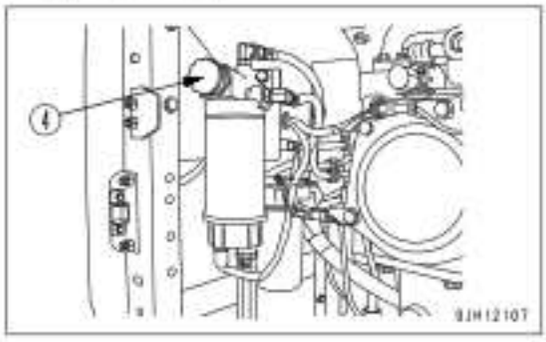
- **Do not fill the new filter cartridge with fuel.**
- **Remove cap (B) and install the filter cartridge.**



6. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it 3/4 of a turn.
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten the correct amount.
7. Turn the valve (1) at the bottom of the fuel tank to OPEN position (O).
8. After completing the replacement of filter cartridge (2), bleed the air.

Bleed the air as follows:

9. Fill the fuel tank with fuel (to the position where the float is at the highest position).
10. Loosen the knob of feed pump (4), pull it out, then pump it in and out until the movement becomes heavy.



REMARK

- It is not necessary to remove the plug at the top of the fuel prefilter and fuel main filter.
- After the engine runs out of fuel, use the same procedure to operate feed pump (4) and bleed the air.

11. Push in the knob of feed pump (4) and tighten it.

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