Operation & Maintenance Manual

TEN00070-00

PC58UU-3

HYDRAULIC EXCAVATOR

SERIAL NUMBERS 22301 and up

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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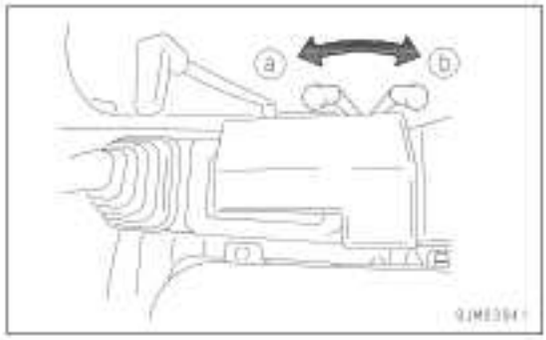
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Fuel Control Lever

This lever (4) is used to control the engine speed and output.
(a) Low idle: Push the lever fully
(b) High idle: Pull the lever fully

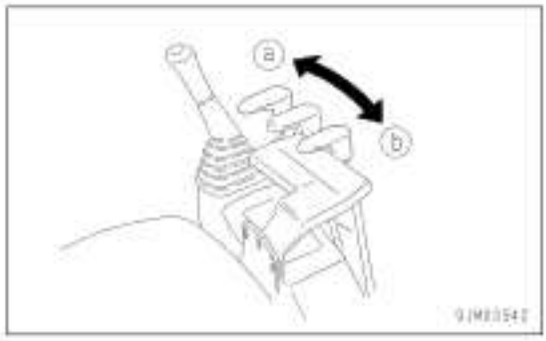


Blade Control Lever

NOTICE

- **This lever is not locked even when the lock lever is at the LOCK position, so when not operating the blade, be careful not to touch this lever.**
- **When continuing with the work using the blade for more than an hour, keep a close watch on the possible rise of the coolant temperature.**

This lever (5) is used to control the blade.
(a) Lower
(b) Raise



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EVERY 100 HOURS MAINTENANCE

LUBRICATING

⚠ WARNING

When lubricating the swing circle and the swing pinion, do not swing the upper structure while carrying out the lubricating.

NOTICE

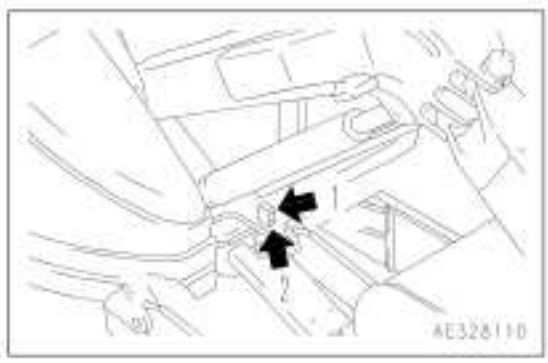
- **For the first 100 hours on new machines where the parts are settling in, carry out greasing every ten hours.**
- **After digging operations under water, be sure to grease the pins which were submerged.**

- Prepare a grease gun

1. Using a grease pump, pump in grease through the grease fittings shown by arrows.
2. After greasing, wipe off any old grease that was pushed out.

(1) Swing circle (1 place)
(2) Swing pinion (1 place)

When lubricating the swing circle and swing pinion, turn the chassis little by little to change the position while carrying out the lubrication.



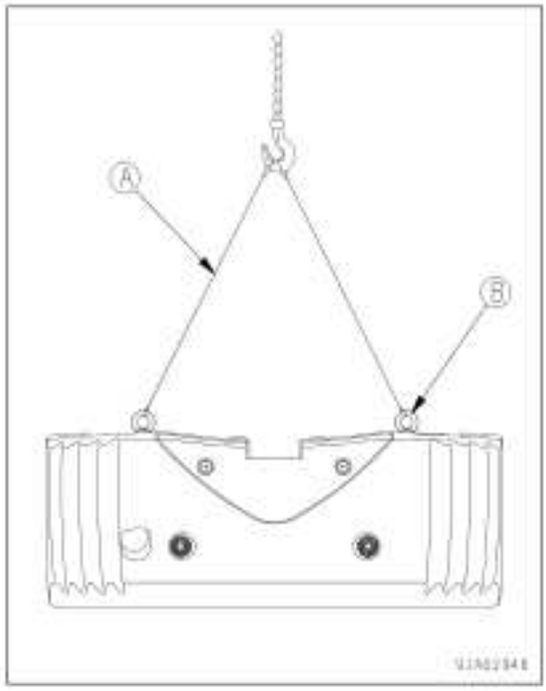
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REMARK
An appropriate length of the wire rope is as indicated below.

(A) Wire rope: Total length 800 mm (31.5 in)
Rope diameter 9 mm (0.4 in)

(B) Eyebolt

X Weight (additional counterweight) weight: 170 kg (375 lb)



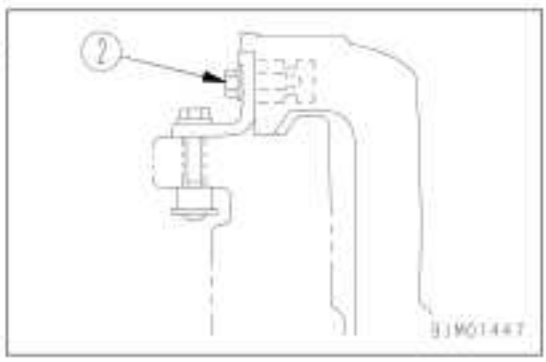
3. Tighten X Weight (additional counterweight) securing bolts (1).

   M20 bolt x 2 pcs.
   Tightening torque: 549 ± 58.8 N·m



4. Disconnect the wire rope from the crane.
5. Open the engine cover and tighten additional counterweight hook securing bolts (2).

   M12 bolt x 2 pcs.
   Tightening torque: 113 ± 9.81 N·m
   (11.5 ± 1 kgf·m, 83.2 ± 7.2 lbft)



6. Install the nameplate in the following manner that was removed in the step in Item 1. above.
   1) Put a rubber washer inside the nameplate.
   2) After confirming that the collar thrust through the rubber washer, tighten the screws.



NOTICE
If the screws are tightened, as the washer is misaligned or the nameplate is dislocated, the nameplate may be broken. Be careful to avoid such misalignment or dislocation.

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