TEN00190-00

Operation & Maintenance Manual

D61EX-15E0
D61PX-15E0

CRAWLER DOZER

SERIAL NUMBERS D61EX-15E0 B45001 and up
D61PX-15E0 B45001 and up

January 2007

KOMATSU

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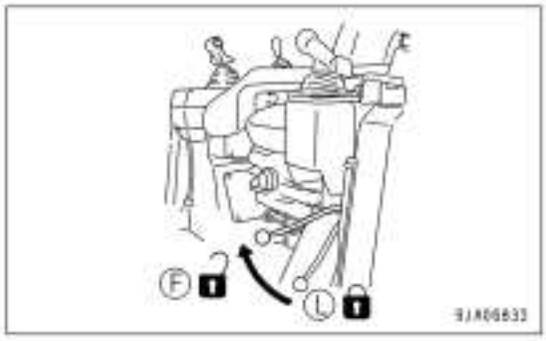
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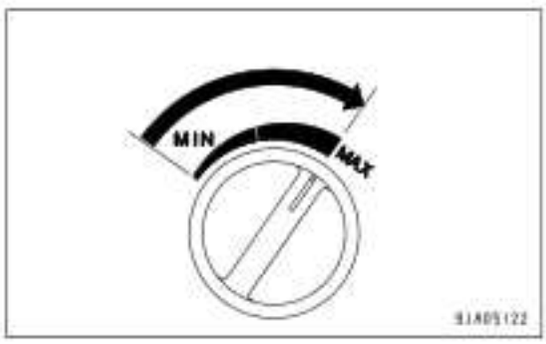
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3. Set parking brake lever (3) to the FREE position (F).

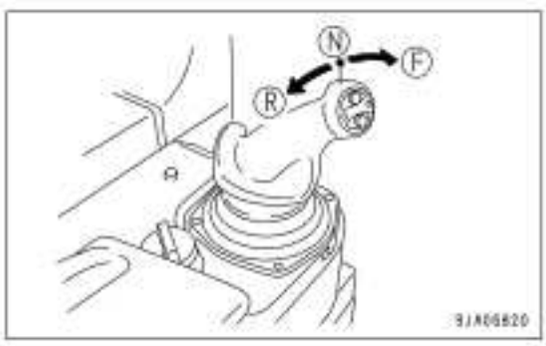


REMARK
When starting the machine off on a steep slope, depress brake pedal (4) before setting parking brake lever (3) to FREE position (F).

4. Turn fuel control dial (5) to the full speed (MAX) position, and fully depress decelerator pedal (6).



5. Move steering, forward-reverse, gear shift lever (7) to the FORWARD position (F) or REVERSE position (R), gradually release the decelerator pedal (6) and allow the machine to move.



REMARK
- When starting the machine off on a steep slope, release brake pedal (4) slowly, then release the decelerator pedal gradually.
- Check that the backup alarm sounds when steering, forward-reverse, gear shift lever (6) is placed in REVERSE position. If the alarm does not sound, please contact your Komatsu distributor.

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If the machine gets stuck in the mud or a heavy thing needs to be towed, install a towing wire rope to the draw bar pin.



WHEN ENGINE DOES NOT START

⚠ WARNING

- **If action has been taken to release the brakes, the brakes cannot be used, so never let anyone travel on the machine when it is being towed.**
- **When towing a machine downhill, connect another machine behind the machine being towed and use the brakes on this machine to control the braking.**
- **When carrying out the towing operation, do not let any person enter the area around the machine being towed.**

If the engine does not work and the machine is to be moved, it is necessary to carry out preparatory work to install a pump to release the brakes.
For details of the equipment needed to tow a machine when the engine does not work, please contact your Komatsu distributor.
To release the brakes, install a brake release pump on the machine to be towed and connect the hose at the pressure side of the pump to the brake. Use the pressure of the pump to apply pressure to the brake and release the brake. For details, see the next page. Follow the procedure and carry out the operation correctly.

CONNECTING BRAKE RELEASE PUMP

It is possible to use a service hydraulic pump to release the brakes on the problem machine and tow it.

- Part number of hydraulic pump: 790-190-2000

Main specifications of hydraulic pump

Discharge amount: 6.8 liters/minute 3.9MPa(40kg/cm^2)
Discharge pressure: 13.7MPa(140kg/cm^2)
Tank capacity: 20 liters (5.28 US gal)
Rated horsepower: DC24V 750W
Oil used: SAE10W
Weight: 9.5 kg (20.95 lb)
Hose length: 1.5 m (59.1 in)

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EVERY 1000 HOURS SERVICE

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