TEN00310-01

Operation & Maintenance Manual

BULLDOZER

D155AX-6

SERIAL NUMBERS 80807 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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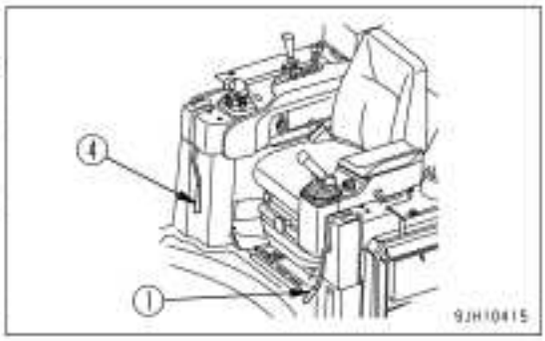
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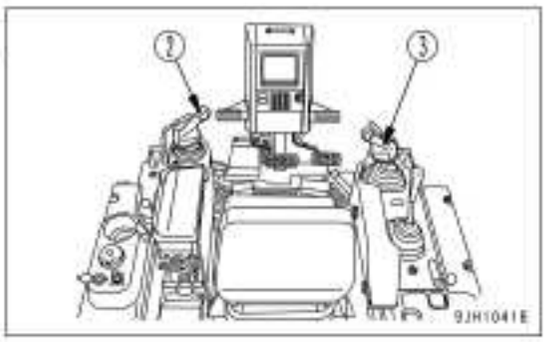
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OPERATIONS AND CHECKS BEFORE STARTING ENGINE

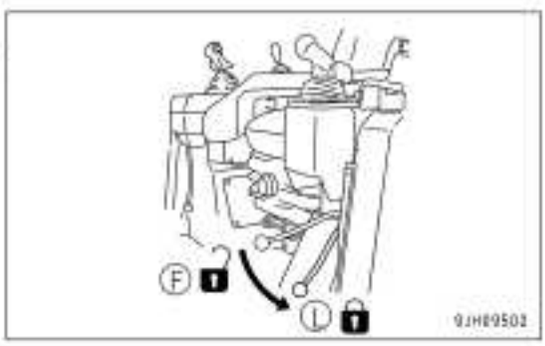
⚠ WARNING

- When starting the engine, check and make sure the work equipment lock lever (4) and parking brake lever (1) are secured in the LOCK position.
  If the control levers are not locked and they are touched by accident when starting the engine, the work equipment may move unexpectedly, and this may lead to a serious injury or death.
- When standing up from the operator's seat, always set the work equipment lock lever (4) and parking brake lever (1) to the LOCK position, regardless of whether the engine is running or stopped.

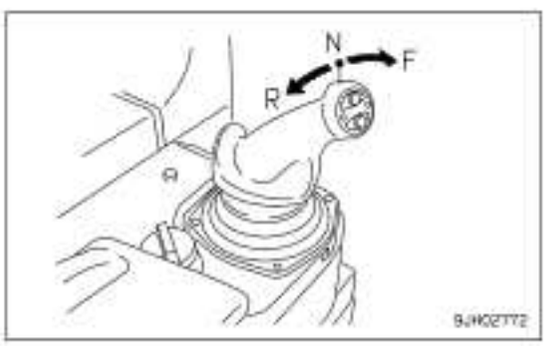




1. Check that parking brake lever (1) is locked.
   If this lever is not in the LOCK position (L), the engine will not start.



2. Check that joystick (2) is in the N (neutral) position.



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SERVICE PROCEDURE

INITIAL 250 HOURS SERVICE (ONLY AFTER THE FIRST 250 HOURS)

Perform the following maintenance only after the first 250 hours.

- Replace power train oil filter element
- Change oil in power train case, wash strainers (power train pump strainer, scavenging pump strainer)
- Change oil in final drive case
- CHANGE OIL IN HYDRAULIC TANK, REPLACE HYDRAULIC OIL FILTER ELEMENT

For details of the method of replacing or maintaining, see EVERY 500 HOURS, EVERY 1000 HOURS and EVERY 2000 HOURS SERVICE.

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EVERY 2000 HOURS SERVICE

Maintenance for every 250, 500 and 1000 hours service should be carried out at the same time.

CHANGE OIL IN HYDRAULIC TANK, REPLACE HYDRAULIC OIL FILTER ELEMENT

⚠ WARNING

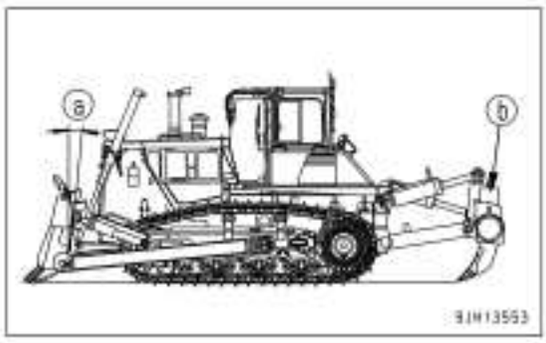
The oil is at high temperature immediately after the machine has been operated. Wait for the oil to cool down before changing the oil.

When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it carefully.

- Oil replacement amount: 85 liters (22.46 US gal)

1. Park the machine on the flat ground, hold it in the following posture suitable for an oil check and then stop the engine.

(Sigmadozer)
Lower the blade on the ground so that angle (a) of its backside is 6°.
Lower ripper (b) on the ground vertically so that the pin is at the lowest position.



<Reference>

Item		Dimension	Item		Dimension
Blade (DUAL)	Tilt Cylinder length	1,292mm (50.9in)	Blade (SINGLE)	Tilt Cylinder length	1,292mm (50.9in)
				Brace	1,292mm (50.9in)
Ripper (VGR,VMR)	Lift Cylinder length	1,543mm (60.8in)	Ripper (VGR,VMR)	Lift Cylinder length	1,543mm (60.8in)
	Tilt Cylinder length	1,607mm (63.3in)		Tilt Cylinder length	1,607mm (63.3in)

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