Operation & Maintenance Manual

EEAM023402

D155AX-5

BULLDOZER

SERIAL NUMBER
D155AX - 76243 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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OPERATIONS AND CHECKS BEFORE STARTING ENGINE

⚠ WARNING

- **When starting the engine, check and make sure the work equipment lock lever (4) and parking 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 lever (1) to the LOCK position, regardless of whether the engine is running or stopped.**

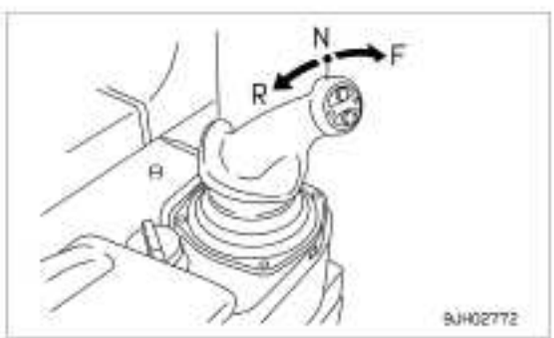




1. Check that parking lever (1) is locked. If this lever is not in the LOCK position, the engine will not start.



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



REMARK
The engine cannot be started if joystick (steering, directional, and gearshift lever) (2) is not in the N position.
If joystick (steering, directional, and gearshift lever) (2) is in F or R, the letter P on display panel A will flash.

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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
- Replace charge filter element
- Change oil in hydraulic tank, replace hydraulic oil filter element.

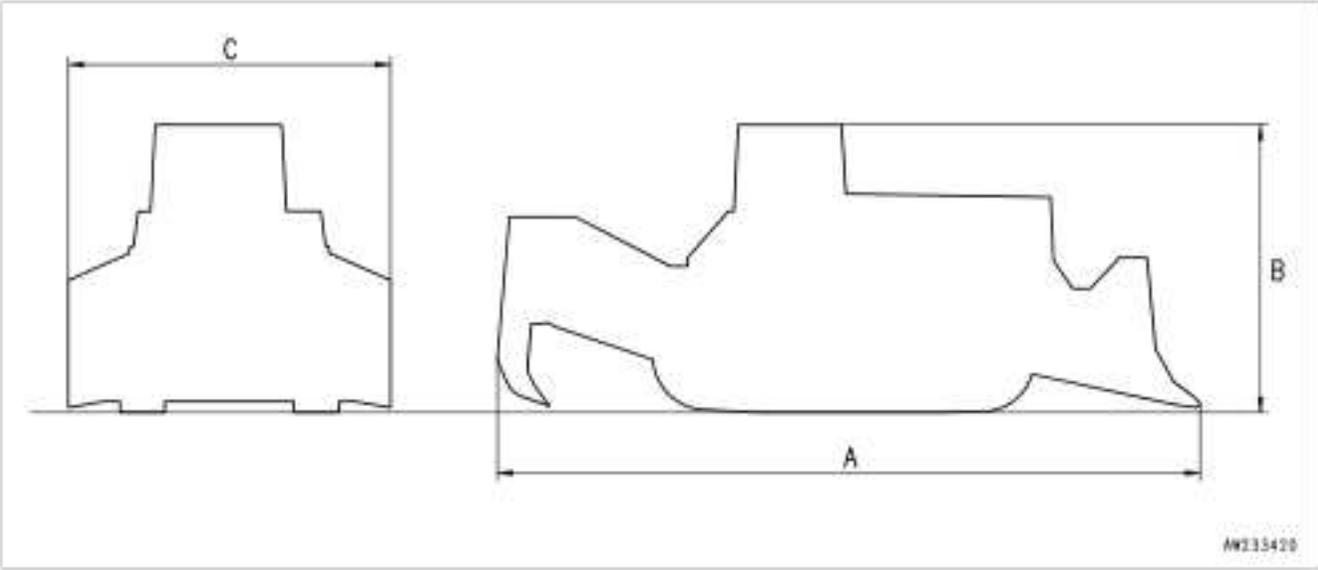
For details of the method of replacing or maintaining, see EVERY 500 HOURS, EVERY 1000 HOURS and EVERY 2000 HOURS SERVICE.

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SPECIFICATIONS

	Item		Unit	D155AX-5
	Operating weight (without operator)		kg	39,500 *1
	Blade (straight tiltdozer) Unit weight (including cylinder)		kg	4,900
	Ripper unit weight		kg	3,710
	Name of engine		-	Komatsu SA6D140E-3 diesel engine
	Engine horsepower		kW (HP)/rpm	231(310)/1,900
A	Overall length		mm	8,155
B	Overall height		mm	3,500
C	Overall width		mm	3,955
	Travel speed (1st/2nd/3rd)	Forward	km/h	3.5/6.2/10.8
		Reverse	km/h	4.8/8.4/13.9

*1: Hydraulic tiltdozer (semi U-dozer)
With hydraulic variable multi-shank ripper, ROPS, cab, 560 mm HD shoe, side cover, air conditioner.



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