Operation & Maintenance Manual

SEAM021204T

D155AX-5

BULLDOZER

SERIAL NUMBERS D155AX-75001 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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SPECIFICATIONS

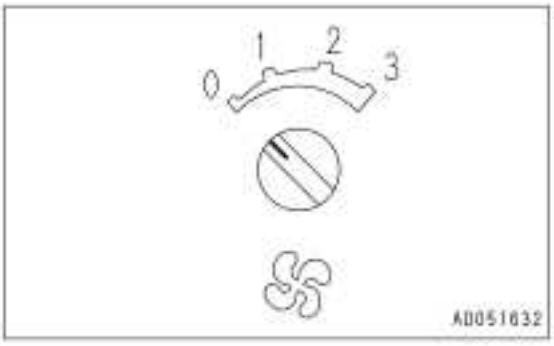
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BLOWER SWITCH

This switch (2) acts as the wind flow control switch and main switch when heating.

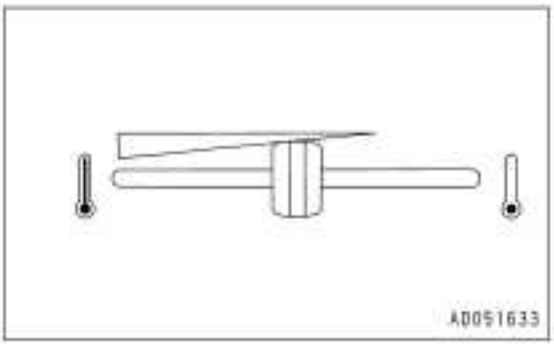
- The air flow can be set to three stages: 1 (LOW), 2 (MEDIUM) , 3 (HIGH).
- If the switch is set to 0, the power is switched off and the heater stops.



TEMPERATURE CONTROL LEVER

This lever (3) is used to control the temperature for heating.

- When the temperature control lever is moved to the right, the temperature of the air coming from the vents becomes lower.
- When the temperature control lever is moved to the left, the temperature of the air coming from the vents becomes higher.



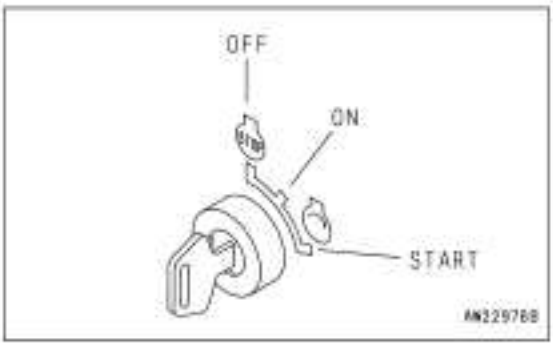
STARTING SWITCH

This switch (4) is used to start the engine.

OFF position: OFF
The key can be inserted or withdrawn. The switches for the electric system are all turned off and the engine is stopped.

ON position: ON
In this position, electric current flows in the charging and lamp circuits.
Keep the starting switch key at the ON position while the engine is running.

START position: START
This is the position to start the engine. Hold the key at this position while ranking. Release the key immediately after the engine has been started. The key will return to ON position when released.
Do not turn the starting switch key to the START position while the engine is running.



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GUIDE TO MAINTENANCE

Do not carry out any inspection and maintenance operation that is not found in this manual.

CHECK SERVICE METER

Check the service meter reading every day to see if the time has come for any necessary maintenance to be carried out.

KOMATSU GENUINE REPLACEMENTPARTS:

Use Komatsu genuine parts specified in the Parts Book as replacement parts.

KOMATSU GENUINE OILS:

Use Komatsu genuine oils and grease. Choose oils and grease with proper viscosities specified for ambient temperature.

ALWAYS USE CLEAN WASHER FLUID:

Use automobile windshield washer fluid, and be sure not to let any dirt get into it.

CLEAN OIL AND GREASE:

Use clean oil and grease. Also, keep the containers of the oil and grease clean. Keep foreign materials away from oil and grease.

CHECKING FOREIGN MATERIALS DRAINED OIL:

After oil is changed or filters are replaced, check the old oil and filters for metal particles and foreign materials. If large quantities of metal particles or foreign materials are found, always report to the person in charge, and carry out suitable action.

FUEL STRAINER:

If your machine is equipped with a fuel strainer, do not remove it while fueling.

WELDING INSTRUCTIONS:

- Turn off the engine starting switch.
- Do not apply more than 200V continuously.
- Connect grounding cable within 1m (3.3 ft) from the area to be welded. If grounding cable is connected near instruments, connectors, etc., the instruments may have troubles.
- Avoid seals or bearings from being between the area to be welded and the position of grounding point.
- Do not use the area around the work equipment pins or the hydraulic cylinders as the grounding point.

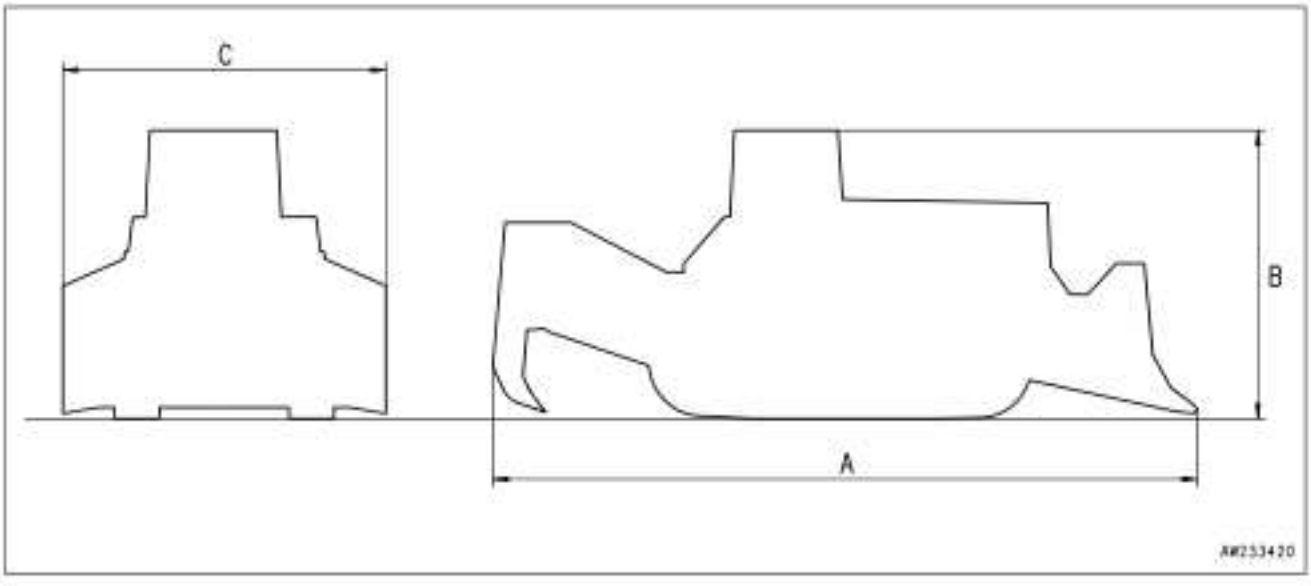
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SPECIFICATIONS

D155AX-5

	Item		Unit	D155AX-5
	Operating weight (without operator)		kg(lb)	38,500 (84,893) *1
	Blade (straight tiltdozer) Unit weight (including cylinder)		kg(lb)	4,900 (10,805)
	Ripper unit weight		kg(lb)	3,710 (8,181)
	Name of engine		—	Komatsu SA6D140E-3 diesel engine
	Engine horsepower		Kw{HP}/rpm	231{310}/1,900
A	Overall length		mm(ft in)	8,155(26'9")
B	Overall height		mm(ft in)	3,500(11'6")
C	Overall width		mm(ft in)	3,955(12'12")
	Travel speed (1st/2nd/3rd)	Forward	km/h(MPH)	3.5/6.2/10.8(2.2/3.9/6.7)
		Reverse	km/h(MPH)	4.8/8.4/13.9(3.0/5.2/8.6)

***1 Hydraulic tiltdozer (semi U-dozer)**
With hydraulic variable multi-shank ripper, ROPS, cab, 560 mm (22.1 in) HD shoe, side cover.



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