TEN00016-01

Operation & Maintenance Manual

BULLDOZER

GALEO

D21A-8

D21P-8

SERIAL NUMBERS D21A-83001 and up
D21P-83001

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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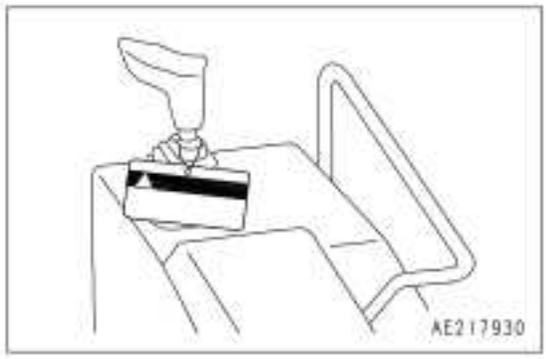
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PRECAUTIONS FOR OPERATION

STARTING ENGINE

If there is a warning tag hanging from the work equipment control lever, do not start the engine or touch the levers.





CHECKS BEFORE STARTING ENGINE

Carry out the following checks before starting the engine at the beginning of the day's work.

- Remove all dirt from the surface of the window glass to ensure a good view.
- Remove all dirt from the surface of the lens of the front lamps and working lamps, and check that they light up correctly.
- Check the coolant level, fuel level, and oil level in engine oil pan, check for clogging of the air cleaner, and check for damage to the electric wiring.
- Adjust the operator's seat to a position where it is easy to carry out operations, and check that there is no damage or wear to the seat belt or mounting clamps.
- Check that the gauges work properly, check the angle of the lights and working lamps, and check that the control levers are all at the neutral position.
- Adjust the mirror to a position which gives a good view to the rear from the operator's seat.
- Check that there are no persons or obstacles above, below, or in the area around the machine.

PRECAUTIONS WHEN STARTING

- Start and operate the machine only while seated.
- Do not attempt to start the engine by short-circuiting the engine starting circuit. Such an act may cause a serious bodily injury or fire.
- When starting the engine, sound the horn as a warning.
- Do not allow anyone apart from the operator to ride on the machine.

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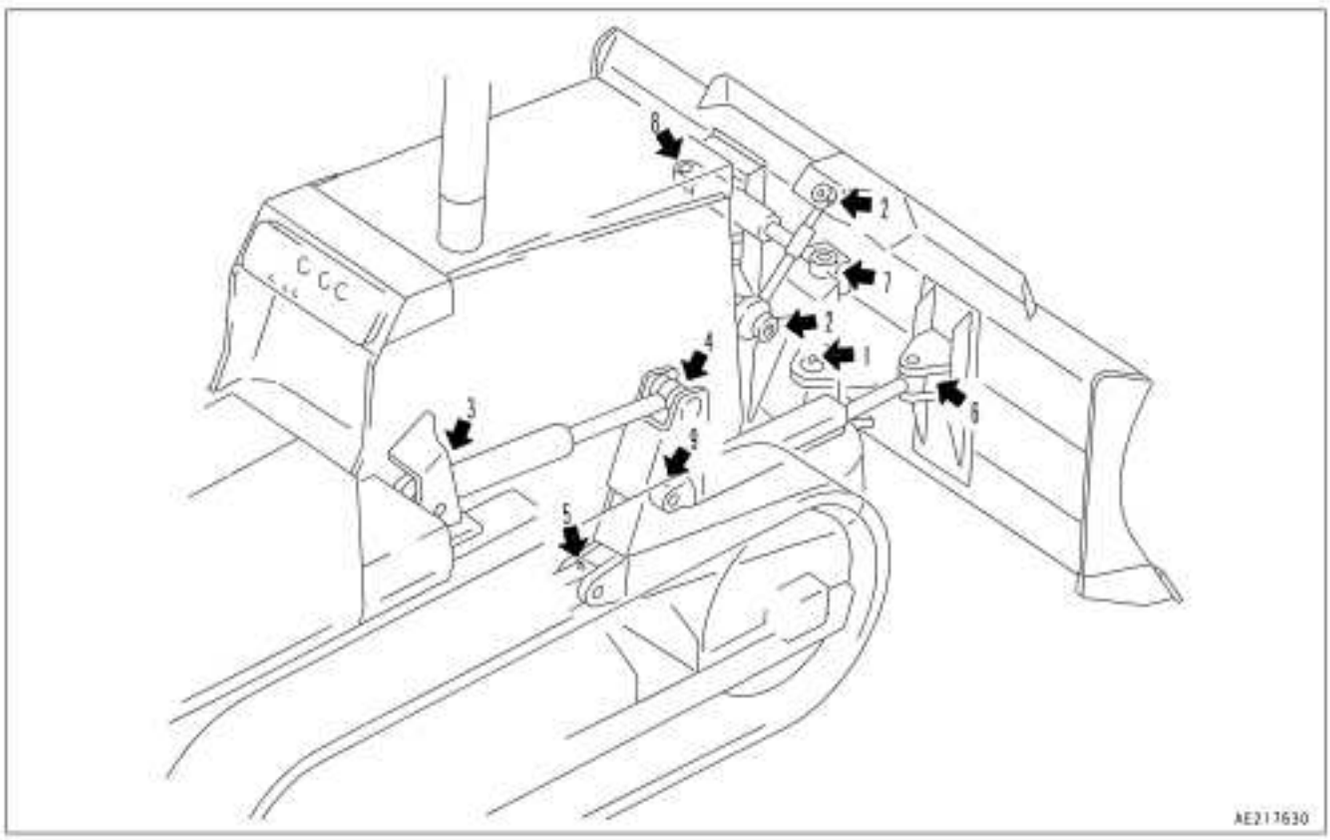
EVERY 250 HOURS SERVICE

Maintenance for every 50 hours service should be carried out at the same time.

LUBRICATING

1. Lower the blade to the ground, then stop the engine.
2. Using a grease pump, pump in grease through the grease fittings shown by arrows.
3. After greasing, wipe off any old grease that was pushed out.

POWER ANGLE, POWER TILTDOZER

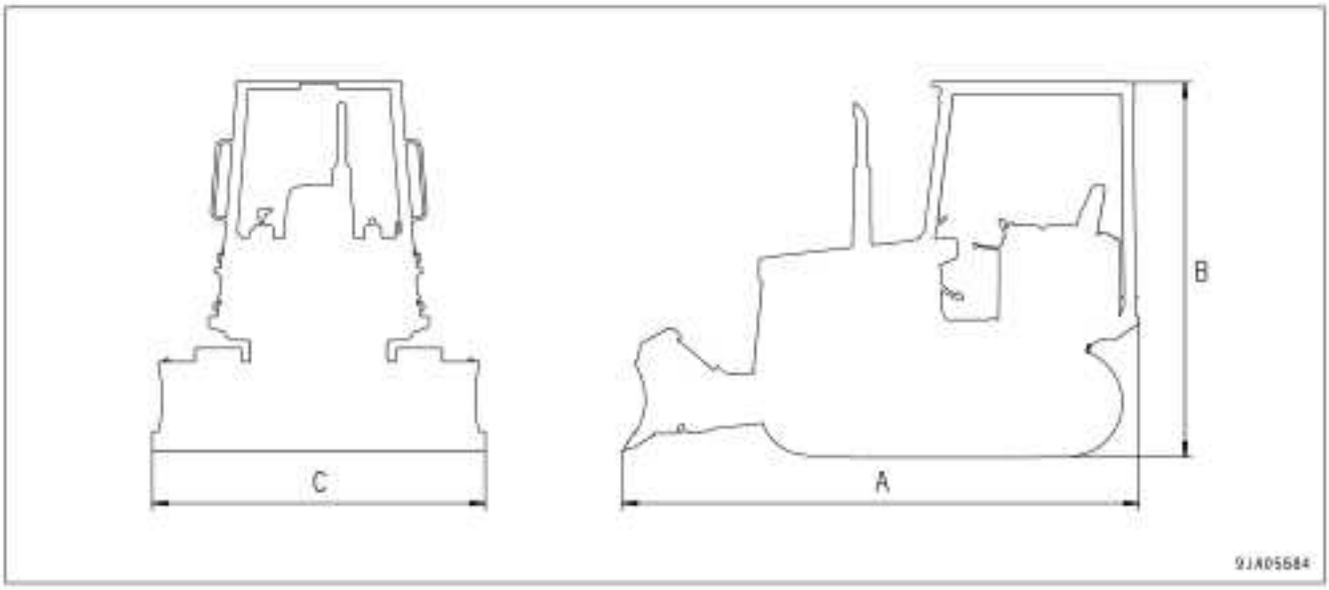


1. Angle, tilt frame center pin (1 place)
2. Brace pin (2 places)
3. Lift cylinder bottom pin (2 places)
4. Lift cylinder head end (2 places)
5. Angle, tilt frame support pin (2 places)
6. Angle cylinder head pin (2 places)
7. Tilt cylinder head pin (1 place)
8. Tilt cylinder bottom pin (1 place)
9. Angle cylinder bottom pin (2 places)

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SPECIFICATIONS

	Item		Unit	D21A-8		D21P-8	
				Steel shoes	Rubber shoes	Steel shoes	Rubber shoes
	Machine weight		kg (lb)	3,940 (8.688)	3,980 (8,776)	4,320 (9,526)	4,360 (9,614)
	Name of engine		-	Komatsu 4D94LE-2 diesel engine			
	Engine horsepower		kW(HP)/rpm	29.4 (39) / 2450			
A	Overall length		mm (ft in)	3,365 (11'0")	3,365 (11'0")	3,350 (10'12")	3,350 (10'12")
B	Overall height		mm (ft in)	2,450 (8'0")	2,440 (8'0")	2,475 (8'1")	2,450 (8'0")
C	Overall width		mm (ft in)	2,170 (7'1")	2,170 (7'1")	2,560 (8'5")	2,560 (8'5")
	Travel speed (1st/2nd)	Forward	km/h (MPH)	2.6/4.4 (1.6/2.7)	2.8/4.8 (1.7/3.0)	2.6/4.4 (1.6/2.7)	2.8/4.8 (1.7/3.0)
		Backward	km/h (MPH)	3.3/5.6 (2.1/3.5)	3.6/6.1 (2.2/3.8)	3.3/5.6 (2.1/3.5)	3.6/6.1 (2.2/3.8)



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