TEN00374-00

Operation & Maintenance Manual

BULLDOZER

D475A-5E0

SERIAL NUMBERS 30126 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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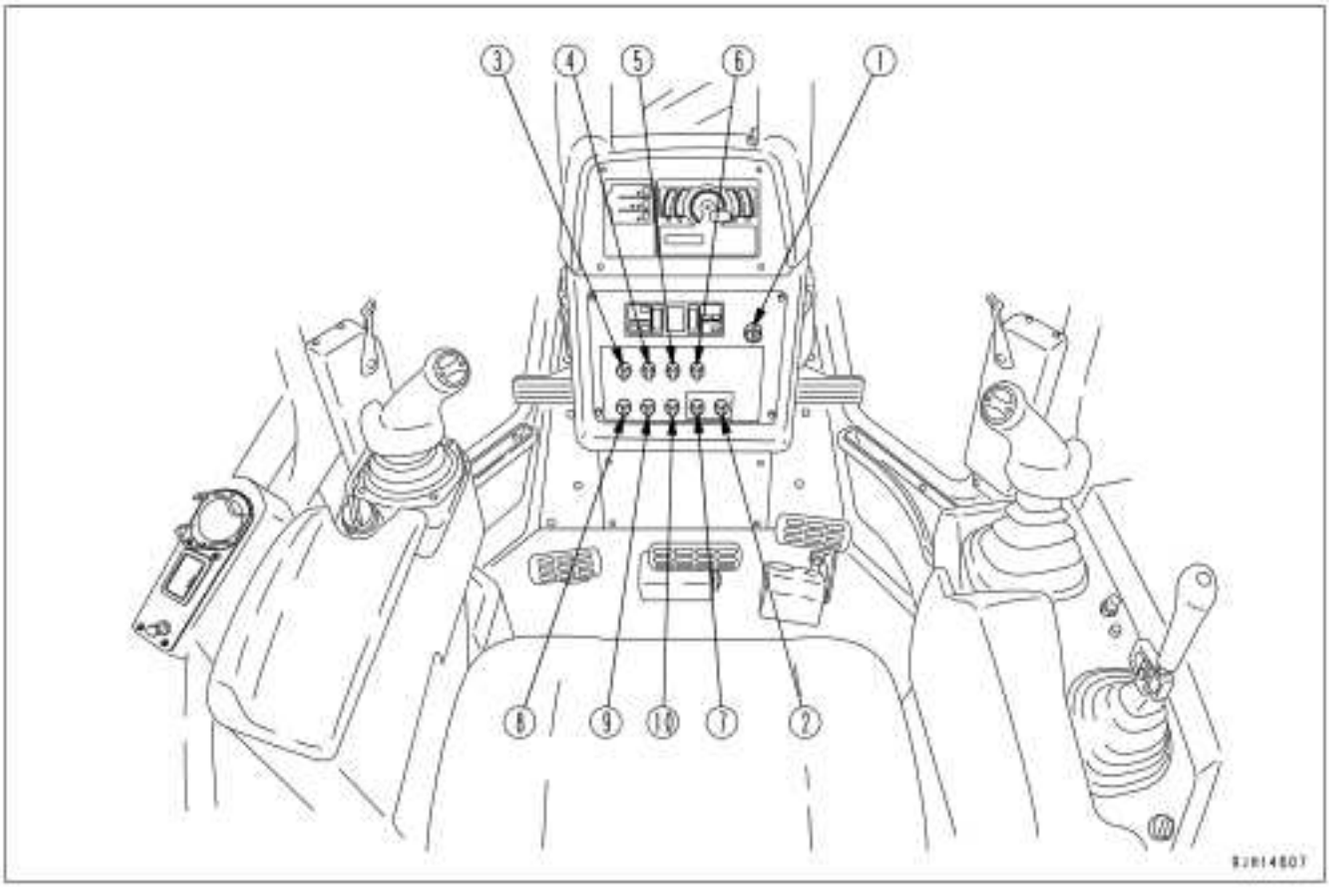
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SWITCHES



(1) Starting switch
(2) Buzzer cancel switch
(3) Front lamp/working lamp switch
(4) Rear lamp switch
(5) Fan rotation selector switch
(6) Auto shift down switch
(7) Information switch
(8) Extra strong wind flow switch
(9) Additional heater switch (if equipped)
(10) Working lamp switch inside engine room (if equipped)

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EVERY 500 HOURS SERVICE

Maintenance for every 250 hours should be performed at the same time.

CHANGE OIL IN ENGINE OIL PAN, REPLACE ENGINE OIL FILTER CARTRIDGE

⚠ WARNING

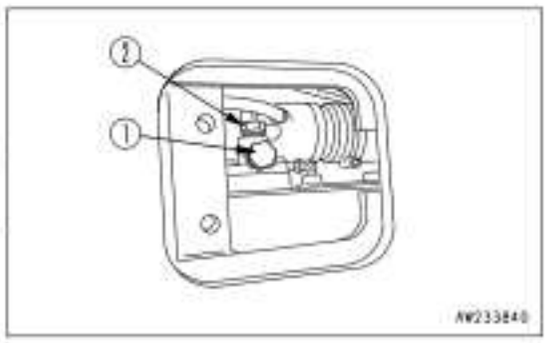
The oil is at high temperature after the engine has been operated, so never change the oil immediately after finishing operations. Wait for the oil to cool down before changing it.

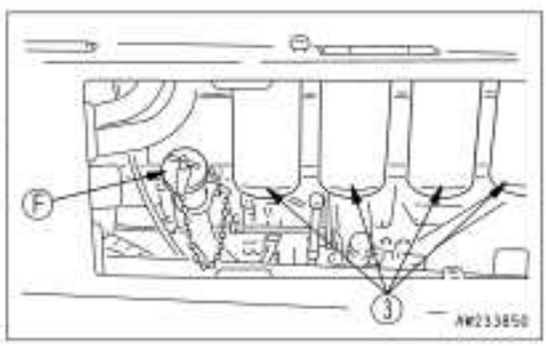
NOTICE

If fuel has a high sulphuric content, shorten the replacement interval of engine oil. For more details, see "RECOMMENDED FUEL, COOLANT, AND LUBRICANT (PAGE 4-12)".

- Use a venturi component type for the engine oil filter.
- Refill capacity: 121 liters (31.97 US gal)
- Prepare a socket wrench and filter wrench.

1. Open cover under the chassis. Set a container to catch oil under drain valve (2).
2. Remove drain plug (1) and slowly open drain valve (2), and drain the oil.
   Take care not to open drain valve (2) so much that the stopper pin in the valve is distorted.
   Tightening torque for drain plug (1): 68.6 ± 9.81 Nm (7 ± 1 kgm, 50.6 ± 7.2 lbft)
   Tightening torque for drain valve (2): 63.7 ± 14.7 Nm (6.5 ± 1.5 kgm, 47.0 ± 10.8 lbft)
3. Check the drained oil, if there is excessive metal particles or foreign material, contact your Komatsu distributor.
4. Close drain valve (2) and insert and tighten drain plug (1).
5. Use a filter wrench and remove each filter cartridge (3) in turn, starting from the front of the machine.
6. Clean the filter holder, fill the new filter cartridge with engine oil, coat the packing surface and thread with engine oil (or coat it thinly with grease), then install the filter cartridge.
7. When installing the filter cartridge, bring the packing surface into contact with the filter holder, then tighten a further 3/4 to 1 turn.



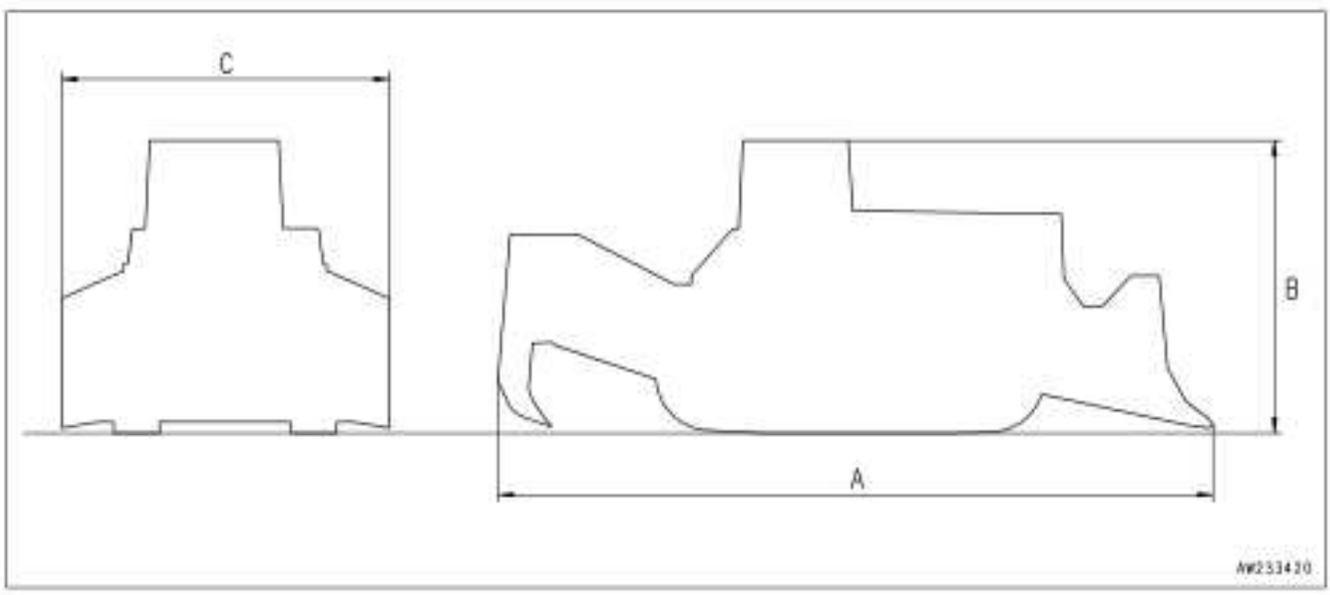


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SPECIFICATIONS

	Item		Unit	D475A-5E0	
				Semi- U tiltdozer *1	Full- U tiltdozer *2
	Operating weight (without operator)		kg (lb)	110,670 (224,027)	110,610 (243,895)
	Blade Weight of attachment (incl. cylinder)		kg (lb)	16,500 (36,383)	18,800 (41,454)
	Ripper Weight of attachment		kg (lb)	9,720 (21,433)	7,360 (16,229)
	Engine model		-	Komatsu SAA12V140E-3 diesel engine	
	Engine flywheel horsepower		kW (HP) / rpm	664 (890) / 2000	
A	Overall length		mm (ft in)	11,335 (37' 2")	12,065 (39' 7")
B	Overall height		mm (ft in)	4,646 (15' 3")	
C	Overall width		mm (ft in)	5,265 (17' 3")	6,205 (20' 4")
	Travel speed (1st / 2nd / 3rd)	Forward	km/h (MPH)	3.3 / 6.2 / 11.2 (2.1 / 3.9 / 7.0)	
		Reverse	km/h (MPH)	4.2 / 8.0 / 14.0 (2.6 / 5.0 / 8.7)	

*1: Including a semi- U tiltdozer, multi-shank ripper, 710 mm-wide track shoe, ROPS, cab and air conditioner
*2: Including a full- U tiltdozer, giant ripper, 710 mm-wide track shoe, ROPS, cab and air conditioner



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