TEN00727-02

Operation & Maintenance Manual

BULLDOZER

D37EX -24
D37PX -24
D39EX -24
D39PX -24

SERIAL NUMBERS
D37EX- 85001
D37PX- 85001
D39EX- 95001
D39PX- 95001
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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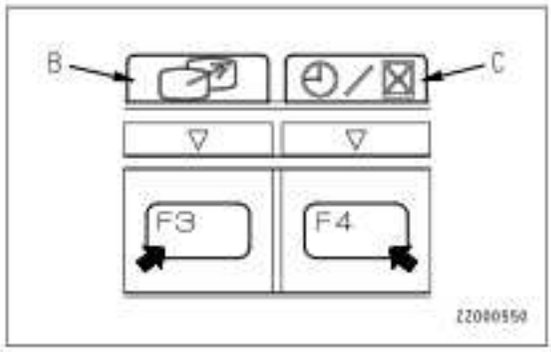
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(B) Switch F3: Camera image selector switch.

(C) Switch F4: Service meter / clock display selector switch



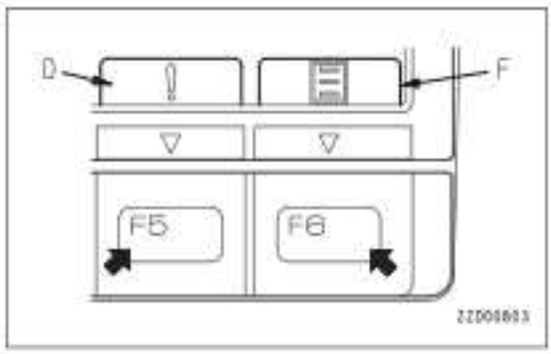
(D) Switch F5: Current Abnormality display switch

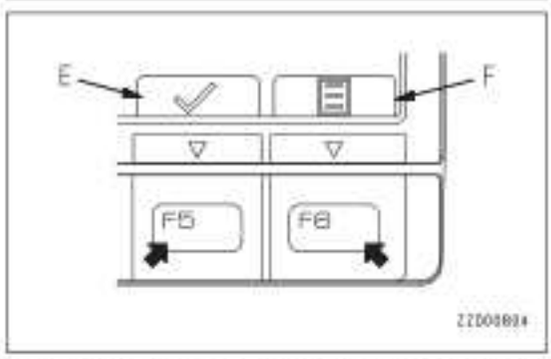
(Only while caution lamp is lit)

(E) Switch F5: Energy saving (ECO) guidance erase switch

(While ECO guidance is displayed)

(F) Switch F6: User menu display switch

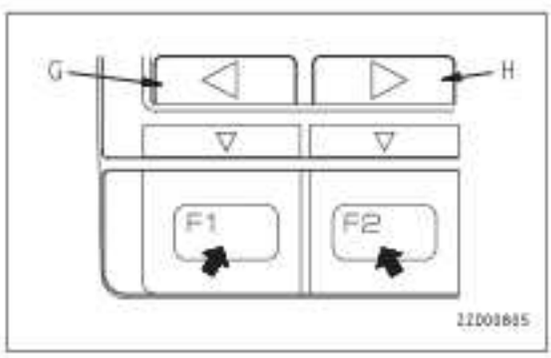




Guidance icons and their functions differ with the contents of the displayed screen, but representative guidance icons frequently used and their functions are as follows:

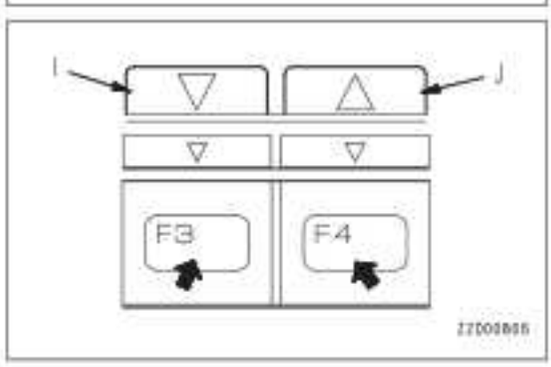
(G) Switch F1 or F3: Moves to the left item. (When on the left end, it moves to the right end.)

(H) Switch F2 or F4: Moves to the right item. (When on the right end, it moves to the left end.)



(I) Switch F3: Moves to the item below (forward). (When on the last line, it moves to the first line.)

(J) Switch F4: Moves to the item above (backward). (When on the first line, it moves to the last line.)



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EVERY 500 HOURS MAINTENANCE

Maintenance for every 50 and 250 hours should be performed at the same time.

METHOD FOR CHANGING OIL IN ENGINE OIL PAN, REPLACING ENGINE OIL FILTER CARTRIDGE

⚠ WARNING

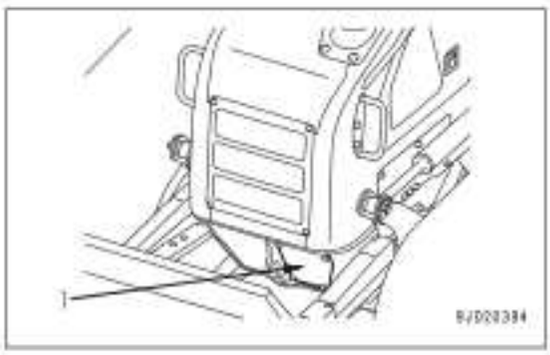
Immediately after the engine is stopped, its parts and oil are still very hot, and may cause burn injury. Wait for the temperature to go down, and then start the work.

Refill capacity: 11 ℓ {2.91 U.S.Gal}

Prepare a socket wrench and a filter wrench.

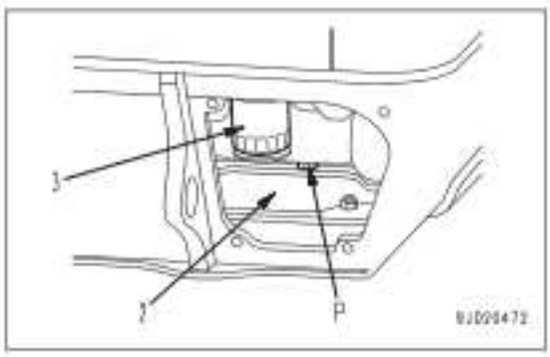
Prepare a container to catch the drained oil.

1. Remove the cover (1) under the front cover.

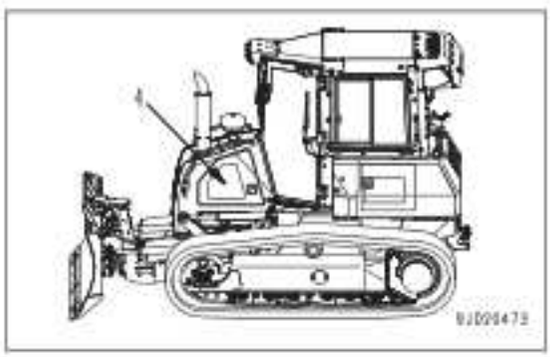


2. Remove the undercover (2).
3. Place a container under the drain plug (P) to receive the oil.
4. Loosen the drain plug (P) to drain oil. Do it slowly so that you do not get splashed with the drained oil.
5. Tighten the drain plug (P).
6. Check the drained oil.

   If there are excessive metal particles or foreign material, contact your Komatsu distributor.



7. Install the undercover (2) and cover (1).
8. Turn the engine oil filter cartridge (3) counterclockwise to remove by using the filter wrench.
9. Fill the new filter cartridge with clean oil, coat the packing face and thread portion with oil (or coat thinly with grease), then install the filter cartridge.
10. After the packing surface reaches the filter head, tighten the new filter cartridge 3/4 to 1 turn.
11. After replacing the filter cartridge, open the engine side cover (4) on the left side of the machine.



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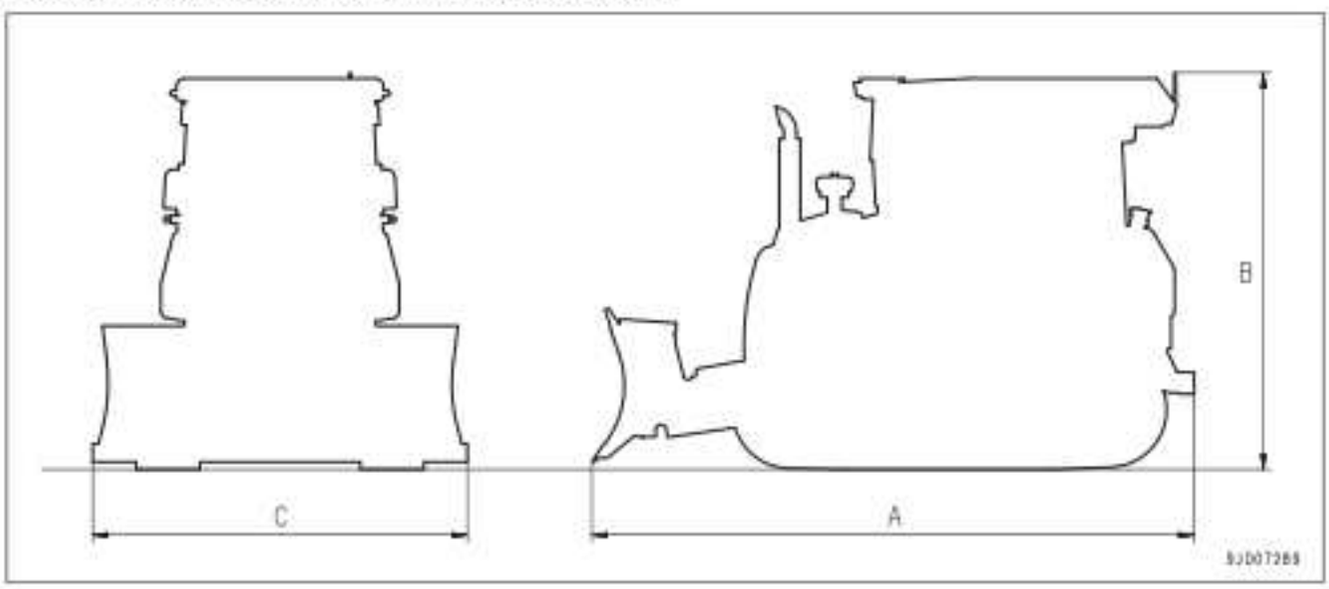
SPECIFICATIONS

SPECIFICATIONS:D37EX-24

With power angle power tilt dozer, ROPS cab

	Item		Unit	D37EX-24
	Machine weight		kg { lb}	8920 {19669} [8780 {19360}]
	Engine model		-	Komatsu SAA4D95LE-7A diesel engine
	Rated horse-power	SAE J1995 (gross)	kW { HP} / min^{-1} { rpm}	67.7 {90.7} / 2200 {2200}
		ISO 9249 /SAE J1349 (net)		66.1 {88.6} / 2200 {2200}
A	Overall length		mm {ft in}	4275 {14' 0"}
B	Overall height (including KOMTRAX antenna)		mm {ft in}	2785 {9' 2"} [2775 {9' 1"}]
C	Overall width		mm {ft in}	2710 {8' 11"}
	Travel speed (Quick shift mode)	Forward (1st/2nd/ 3rd)	km/h { MPH}	3.4/5.6/8.5 {2.1/3.5/5.3}
		Reverse (1st/2nd/ 3rd)	km/h { MPH}	4.1/6.5/8.5 {2.5/4.0/5.3}
	Travel speed (Variable shift mode)	Forward	km/h { MPH}	0.8 to 8.5 {0.5 to 5.3}
		Reverse	km/h { MPH}	0.8 to 8.5 {0.5 to 5.3}

[ ]: Machines equipped with conventional type track shoe



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