SEAM008101

Operation & Maintenance Manual

KOMATSU®

D41E,P-6

BULLDOZER

SERIAL NUMBERS D41E - B20001 and up
D41P - B20001

March 1996

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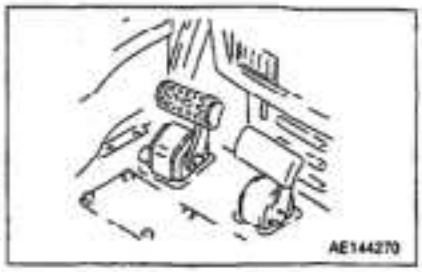
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4. INCHING PEDAL



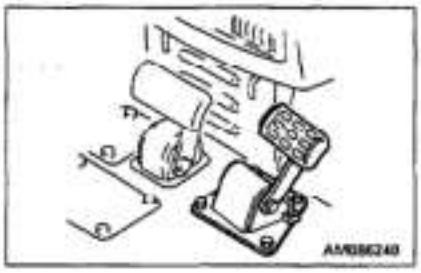
⚠ WARNING

Do not place your foot on this pedal unnecessarily.

This pedal is used to engage or disengage the power from the engine. Use it for fine control of the travel. When the pedal is partially depressed, the power is cut off; if the pedal is depressed fully, the brake is applied and the machine will stop.

Use this pedal when approaching the target position.

5. DECELERATION PEDAL



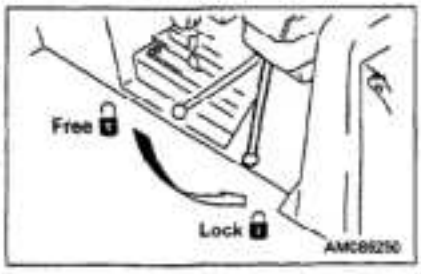
⚠ WARNING

- **Do not place your foot on this pedal unnecessarily.**
- **When passing over the top of a hill or when a load is dumped over a cliff, the load is suddenly reduced, so there is danger that the travel speed will also increase suddenly. To prevent this, depress the decelerator pedal to reduce the travel speed.**

This pedal is used for reducing the engine speed or stopping the machine.

Depress this pedal to reduce the speed when shifting between forward and reverse or when stopping the machine.

6. PARKING LEVER



⚠ WARNING

When the machine is parked, always set the parking lever to the LOCK position.

This lever is used to apply the parking brake.

NOTICE

The engine will not start if the parking brake lever is not at the LOCK position.

REMARK

When the steering and directional lever is at the FORWARD or REVERSE position, if the parking brake lever is operated to the LOCK position, the steering and directional lever will automatically return to the N position.

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11.12.3 SPECIFICATIONS

RADIO

- **FM**

Tuning method	: PLL synthesizer method
Reception frequency	: 76.0 – 90.0 MHz
Intermediate frequency	: 10.7 MHz
Sensitivity	: Max. 18 dB (S/N 30 dB)
Second channel interference ratio	: Min. 40 dB
Separation rate	: Min. 20 dB
S/N ratio	: Min. 50 dB
Stop sensitivity	: 19 – 35 dB

- **AM**

Tuning method	: PLL synthesizer method
Reception frequency	: 522 – 1629 kHz
Intermediate frequency	: 450 kHz
Sensitivity	: Max. 35 dB (S/N 20 dB)
Second channel interference ratio	: Min. 50 dB
S/N ratio	: Min. 40 dB
Stop sensitivity	: 24 – 40 dB (DX) 44 – 60 dB (Lo)

TAPE

Playback method	: 4 track, 2 program, stereo playback, auto reverse
Wow & Flutter	: Max. 0.1% (TYP, WRMS)
Separation	: 45 dB (TYP)
Cross talk	: 50 dB (TYP)
Playback frequency characteristics	: 125 Hz 0 ± 3 dB 315 Hz 0 dB 8000 Hz 0 ± 5 dB

OTHERS

Compatible load impedance	: 8 Ω x 2
Max. output	: 12 W + 12 W
Rated output	: 8 W + 8 W (1 kHz, 10%, 8 Ω)
Voltage	: DC24V
Current	: Max. 4A (at max. output)
Outside dimensions	: Width 184 mm, Height 56 mm, Depth 160 mm
Weight	: Approx. 1.6 kg

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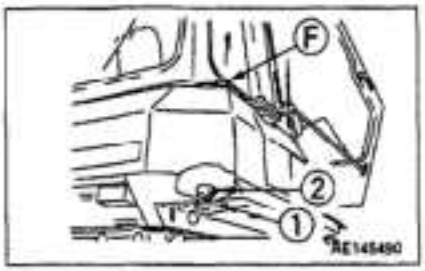
24.7 EVERY 2000 HOURS SERVICE

Maintenance for every 50, 250, 500 and 1000 hours service should be carried out at the same time.

24.7.1 CHANGE OIL IN HYDRAULIC TANK, REPLACE HYDRAULIC OIL FILTER CARTRIDGE

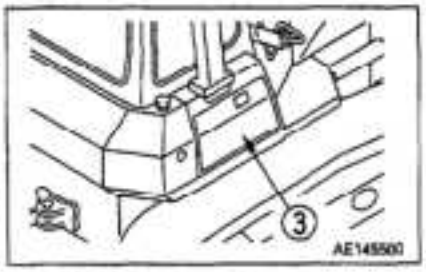
⚠ WARNING

The oil is at high temperature immediately after the machine has been operated. Wait for the oil to cool down before changing the oil. When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it carefully.



Prepare the following.
- Container to catch drained oil: Min. 37 ℓ capacity
- Refill capacity: 37 ℓ (9.77 US gal, 8.14 UK gal)

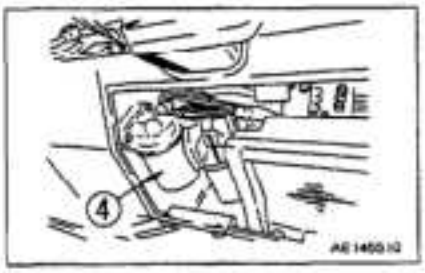
1. Lower the blade on the ground securely, stop the engine and slowly turn the cap of oil filler Ⓕ to release the internal pressure. Then, remove the cap.



2. Remove drain cover ① at the bottom of the hydraulic tank.
3. Loosen drain valve ② to drain the oil, then tighten valve ② again. After tightening, install drain cover ①.
   When loosening drain valve ②, be careful not to get the oil on you.

REMARK

When draining the oil, connect a drain hose (07286-02660) to the drain tube to make the direction of drainage easier.



4. Open cover ③.
5. Using a filter wrench, turn filter cartridge ④ to the left to remove.
6. Clean the filter holder, coat the seal surface of the new filter cartridge with engine oil (or coat thinly with grease), then install.
7. When installing, bring the packing surface into contact with the seal surface of the filter holder, then tighten approx. 2/3 turns. Always use a genuine Komatsu cartridge.
8. Add the specified amount of engine oil through the oil filler Ⓕ. For details of the oil to use, see "20. USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE".
9. Check that the oil is at the specified level. For details, see "24.4 EVERY 250 HOURS SERVICE".
10. Close cover ③.

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