SEAM000202

Operation & Maintenance Manual

D575A-2

BULLDOZER

SERIAL NUMBERS D575A :10002 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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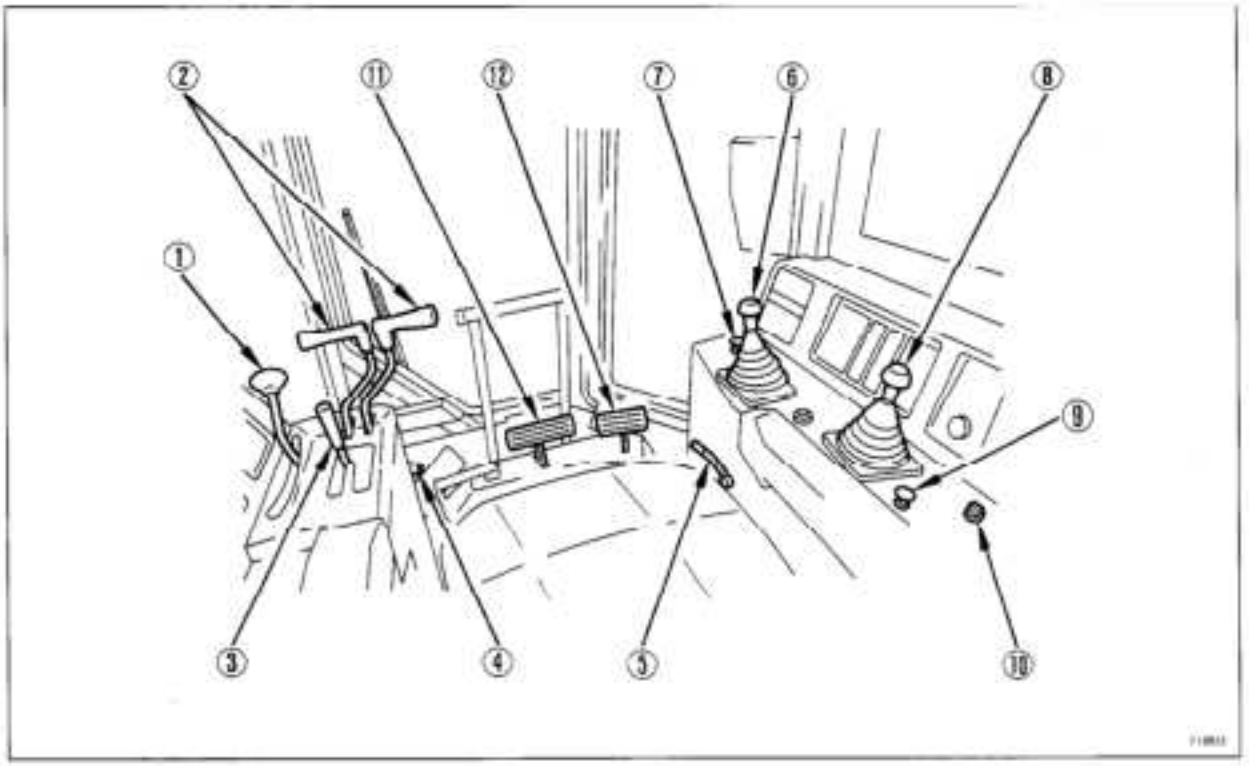
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11.3 CONTROL LEVERS AND PEDALS



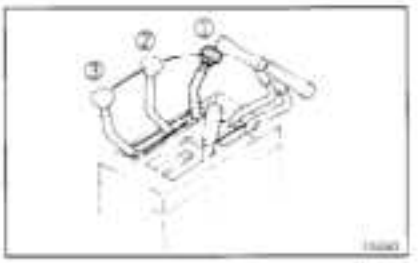
1. FUEL CONTROL LEVER

This lever is used to control the engine speed and output.

① Engine stop position:
Push the lever fully.

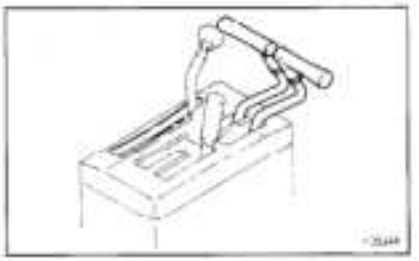
② Low idling position:
Pull the lever from engine stop position ① until you feel the operating force falls off.

③ Full speed position:
Pull the lever fully from low idling position ②.



2. STEERING LEVER

This lever is use to steer the machine. If the lever is moved partially in the direction of turn, the machine, the steering clutch is disengaged and the machine turns gradually.
If the lever is moved more, the steering brake is applied and the machine will turn on the spot.



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20. USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE

PROPER SELECTION OF FUEL, COOLANT AND LUBRICANTS

RESERVOIR	KIND OF FLUID	AMBIENT TEMPERATURE	CAPACITY	
		−22 −4 14 32 50 68 86 104°F −30 −20 −10 0 10 20 30 40°C	Specified	Refill
Engine oil pan	Engine oil	SAE 30 SAE 10W SAE 10W-30 SAE 15W-40	143 ℓ 37.9 US gal 31.5 UK gal	129 ℓ 34.1 US gal 28.4 UK gal
Power train oil pan (incl. transmission, torque converter and bevel gear cases)		SAE 30 SAE 10W	490 ℓ 129 US gal 108 UK gal	345 ℓ 91.1 US gal 75.9 UK gal
Damper case		SAE 30	2.4 ℓ 0.63 US gal 0.53 UK gal	2.4 ℓ 0.63 US gal 0.53 UK gal
Hydraulic system		SAE 10W	750 ℓ 198 US gal 165 UK gal	300 ℓ 79.2 US gal 66.0 UK gal
Final drive case	Gear oil	SAE 140 SAE 85W-140 SAE 80	(each) 140 ℓ 40 US gal 30.8 UK gal	(each) 140 ℓ 40 US gal 30.8 UK gal
Fuel tank	Diesel fuel	ASTM D975 No. 2 ※	2100 ℓ 554 US gal 462 UK gal	—
Cooling system	Water	Add antifreeze	320 ℓ 84.5 US gal 70.4 UK gal	—
Gear coupling	Gear oil	JIS K2219 ZType ISO UG680	1.5 ℓ 0.4 US gal 0.33 UK gal	1.5 ℓ 0.4 US gal 0.33 UK gal

※ ASTM D975 No. 1

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24. SERVICE PROCEDURE

24.1 INITIAL 250 HOURS SERVICE

Carry out the following maintenance only after the first 250 hours.

- **FUEL FILTER, REPLACE CARTRIDGE**
- **TRANSMISSION FILTER, TRANSMISSION LUBRICATING FILTER AND TORQUE CONVERTER OIL FILTER, REPLACE ELEMENTS**
- **POWER TRAIN OIL PAN (INCL. TRANSMISSION, TORQUE CONVERTER AND BEVEL GEAR CASES), CHANGE OIL AND CLEAN STRAINER**
- **HYDRAULIC TANK AND FILTER, CHANGE OIL, REPLACE ELEMENT AND CLEAN STRAINER**
- **FINAL DRIVE CASE AND FILTER, CHANGE OIL AND REPLACE ELEMENT**
- **PPC (PROPORTIONAL PRESSURE CONTROL) FILTER, REPLACE ELEMENT**
- **ENGINE VALVE CLEARANCE, CHECK AND ADJUST**

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS, 1000 HOURS and 2000 HOURS SERVICE.

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