MidWestTech | Komatsu WD600-1 Wheel Dozer Operation & Maintenance Manual | Public...

SEAM041E0102

Operation & Maintenance Manual

WD600-1

WHEEL DOZER

SERIAL NUMBERS **WD600-10001** and up

KOMATSU

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3. DIRECTIONAL LEVER

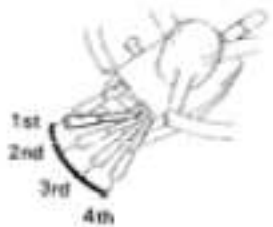


This lever is used to change the direction of travel of the machine.

① Forward
② Reverse
Ⓝ Neutral

- ★ The engine cannot be started if the directional lever is not at N (neutral).
- ★ When operating the directional lever, place your hand on a steering wheel and operate it by your fingers.

4. SPEED CONTROL LEVER



This lever controls the travel speed of machine.

This machine has a 4-FORWARD, 4-REVERSE speed transmission. Place the speed control lever in a suitable position to obtain the desired speed range.

1st and 2nd speeds are used for working.

3rd and 4th speeds are used for traveling.

5. SPEED CONTROL LEVER STOPPER



This stopper prevents the speed control lever from entering the 3rd and 4th positions, when working.

Position ①
Stopper actuated.

Position ②
Stopper released.

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Circuit breaker I

No.	Breaker capacity	Circuit
①	20A	Air conditioner (Fan outside room)
②	10A	Air conditioner (Fan inside room)
③	10A	Radio, Room lamp
④	10A	Cigarette lighter
⑤	10A	Rear wiper Rear washer
⑥	10A	Front wiper Front washer

Circuit breaker II

No.	Breaker capacity	Circuit
①	20A	APS (automatic priming system)
②	10A	APS (automatic priming system)
③	10A	Monitor panel
④	10A	Pitch control solenoid valve
⑤	10A	Rear working lamp
⑥	10A	Front working lamp

Circuit breaker III

No.	Breaker capacity	Circuit
①	20A	Head lamp, parking lamp Clearance lamp, Tail lamp
②	10A	Turn signal lamp
③	10A	Brake lamp, Back up lamp
④	10A	Transmission control valve
⑤	10A	Horn, Parking brake
⑥	10A	Low idling selector solenoid valve

Circuit breaker IV

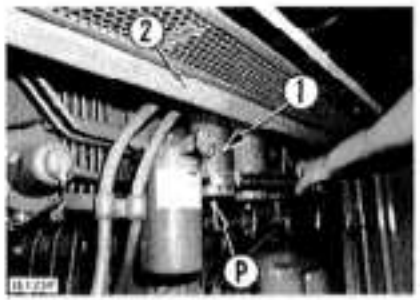
No.	Breaker capacity	Circuit
①	20A	Starting switch
②	10A	Hazard lamp
③	10A	Left head lamp
④	10A	Right head lamp
⑤	20A	Left side clearance lamp
⑥	10A	Right side clearance lamp

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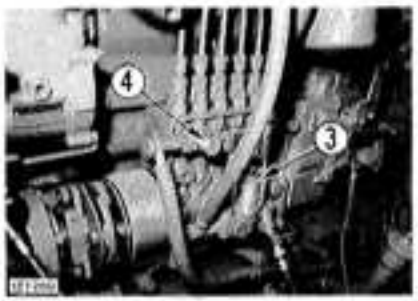
EVERY 500 HOURS SERVICE

★ **Maintenance for every 50, 100 and 250 hours should be carried out at the same time.**

a. FUEL FILTER



1. Remove drain plug (P) on the bottom of the filter to drain fuel.
2. Using a filter wrench, remove cartridge (1) by turning it counterclockwise.
3. Fill the new cartridge with fuel and refit it after applying a dab of oil to the gasket face.



★ To refit the cartridge, place the gasket face in contact with the seal face of the filter stand, then screw up the cartridge 1/2 to 3/4 of a turn (be careful not to tighten it up excessively).

4. After replacing cartridge (1), loosen air vent plug (2).
5. Loosen the knob of feed pump (3) and move the pump up and down to draw off fuel until air ceases to come out of plug (2).
6. Tighten up air vent plug (2).
7. Loosen overflow valve (4). Bleed air from the fuel injection pump using the same procedure as described for the fuel filter.
8. After bleeding air, tighten overflow valve (4).
   Push in the knob of feed pump (3) and tighten it.

★ After replacing the cartridge, start up the engine and check the filter seal face for possible oil leakage.

★ Be sure to use a genuine Komatsu cartridge.

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