SEBM041E0104

SHOP MANUAL

KOMATSU®

WD600-1

MACHINE MODEL SERIAL No.

WD600-1 10001 and up

This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

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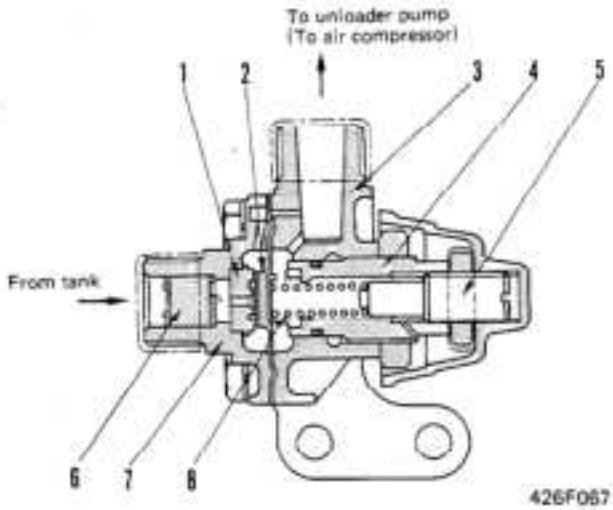
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AIR GOVERNOR

Specification

Open valve pressure: 8.4 kg/cm²
Close valve pressure: 7.3 kg/cm²

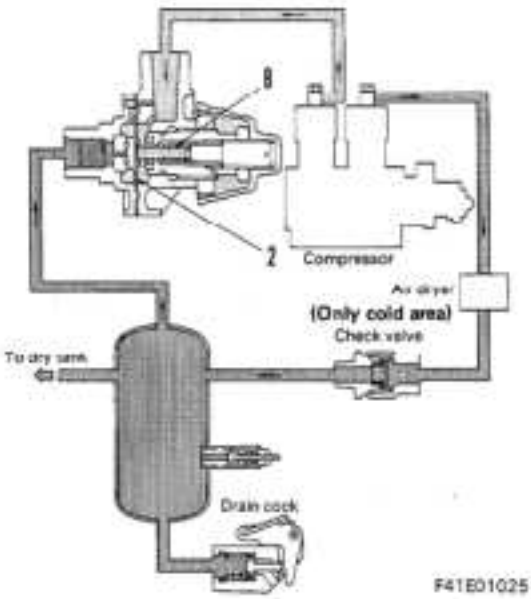


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1. Seat
2. Diaphragm
3. Body
4. Sleeve
5. Adjusting screw
6. Filter
7. Cover
8. Spring

FUNCTION

- The tank port is connected to the air tank, and the unloader port is connected to the unloader valve of the air compressor. The air pressure inside the air tank is always kept within the specified pressure range. If the pressure starts to rise above the specified pressure, the operation of the air compressor stops so that the air pressure does not rise any further. If the pressure drops below the specified pressure, the operation of the air compressor starts again to prevent any drop in the pressure.



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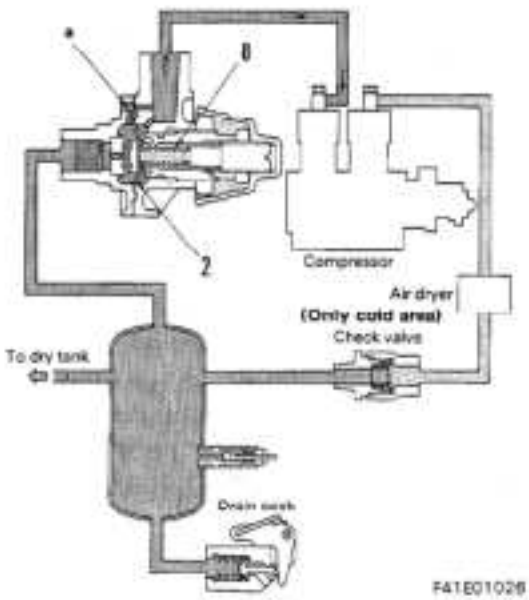
OPERATION

When pressure inside air tank is below specified level.

- The air pressure inside the tank is below the specified pressure, so diaphragm (2) is pushed to the left by the force of spring (8).
- There is no pressure on the unloader valve, so the air compressor continues to operate.

When pressure inside air tank is above specified level.

- When the pressure at port **B** of the air tank goes above the specified pressure, diaphragm (2) is pushed to the right. The compressed air from the air tank passes through passage a and actuates the unloader valve of the air compressor.



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TROUBLESHOOTING CHART No. M-2.

WHEN STARTING SWITCH IS TURNED ON, ALL MONITOR PANEL LAMPS LIGHT UP BUT DO NOT GO OUT.

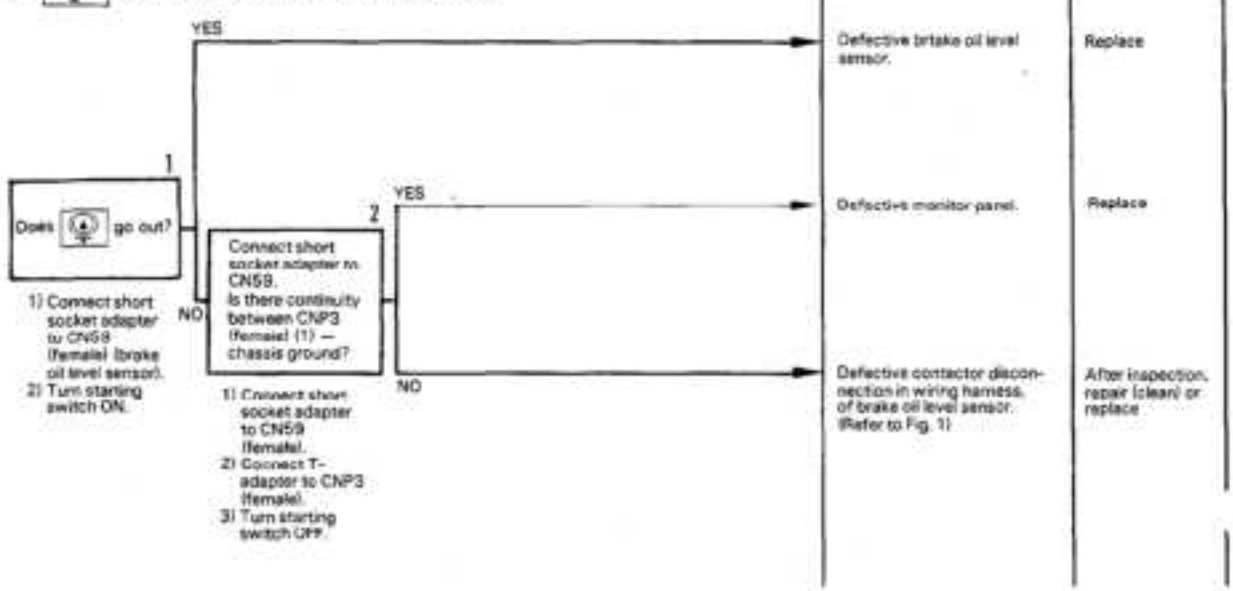
Cause	Remedy
Defective monitor panel.	Replace

TROUBLESHOOTING CHART No. M-3.

WHEN STARTING SWITCH IS TURNED ON (DO NOT START ENGINE), AND THERE IS NO ABNORMALITY IN MACHINE, CHECK BEFORE STARTING ITEM FLASHES.

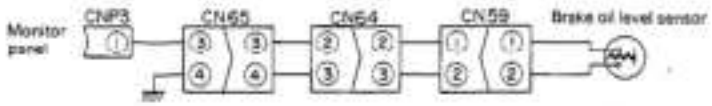
(Fluide level of CHECKS BEFORE STARTING items are correct)

a) (BRAKE OIL LEVEL) FLASHES.



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Fig. 1

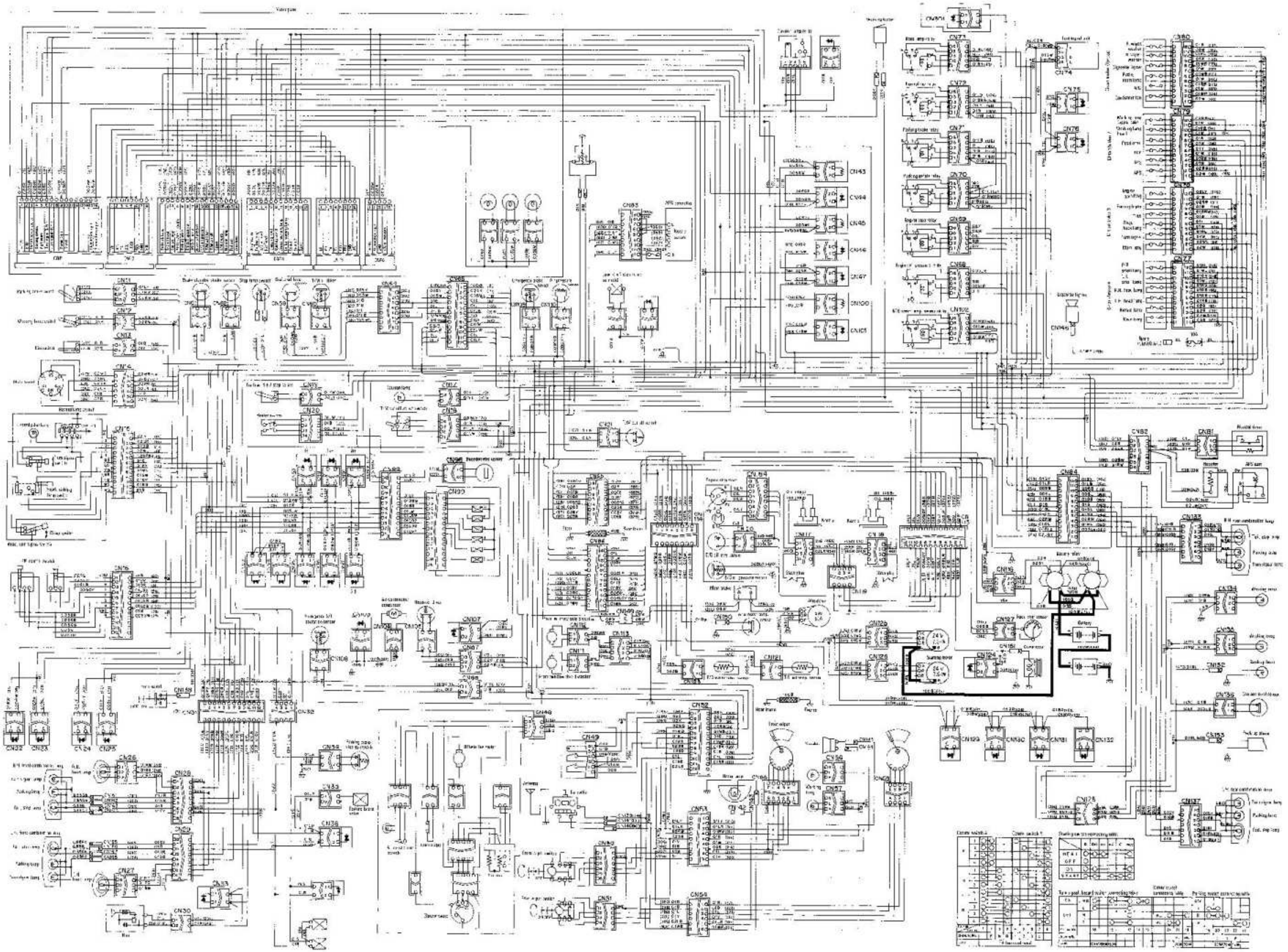


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Troubleshooting tools	Tester	Short socket adapter
	T-adapter (for DL)	T-adapter or socket adapter (for Econoseal)

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ELECTRICAL WIRING DIAGRAM CIRCUIT



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