SHOP MANUAL

KOMATSU®

WA450-3 LL

LOG LOADER

MACHINE MODEL	SERIAL NUMBER
WA450-3LL	**50305 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.

- WA450-3LL mount the S6D125 engine.
  For details of the engine, see the 125 Series Engine Shop Manual.

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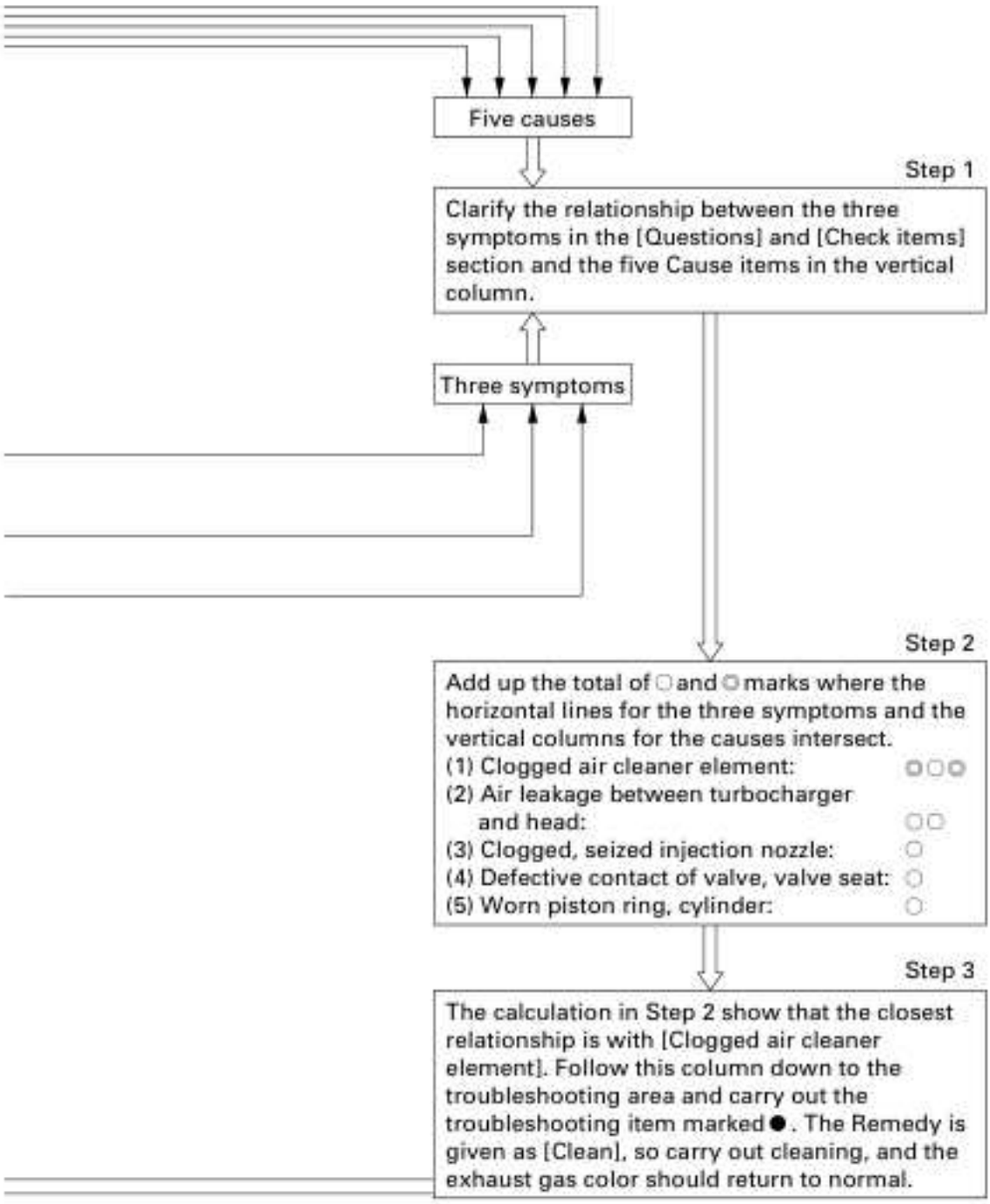
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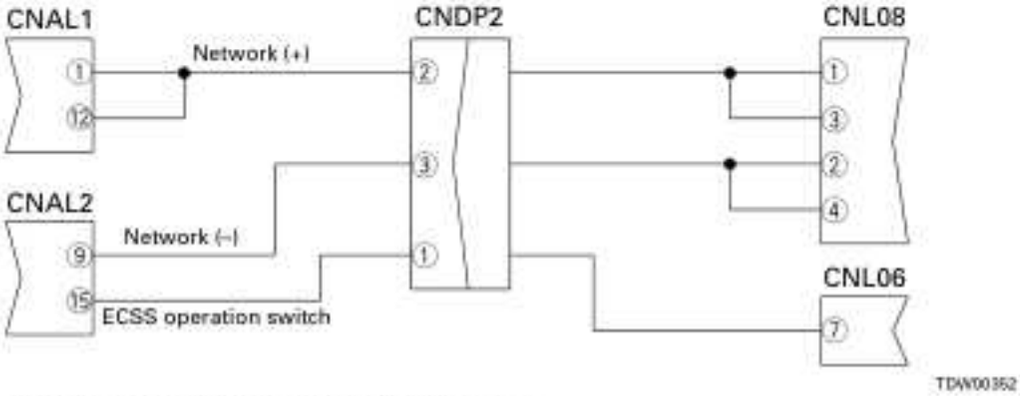
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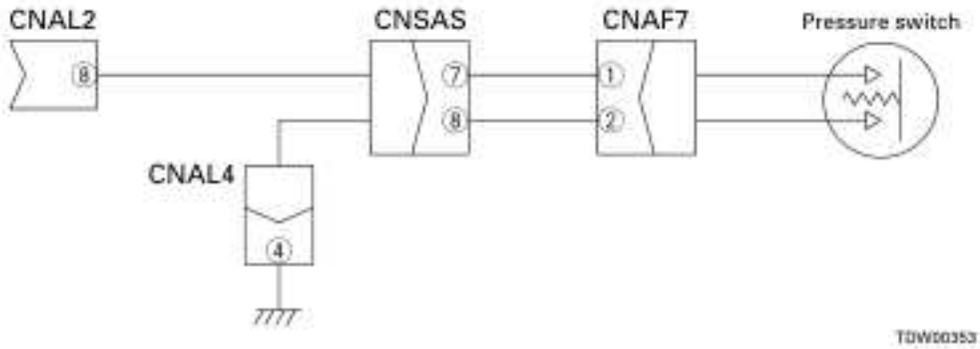


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D-1 (f-(1)) Related electric circuit diagram
ECSS operation switch and network



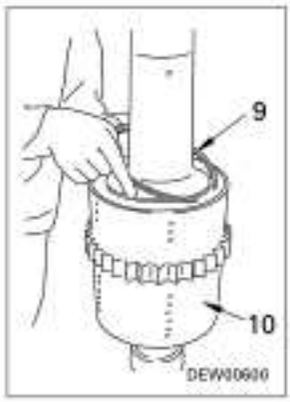
D-1 (f-(2)), (f-(3)) Related electric circuit diagram
Pressure switch system

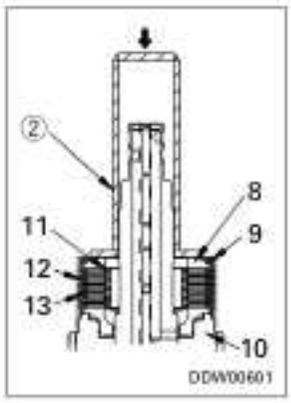


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3) End plate
Assemble end plate (8) to clutch case (10), then push with tool ②, and secure with snap ring (9).

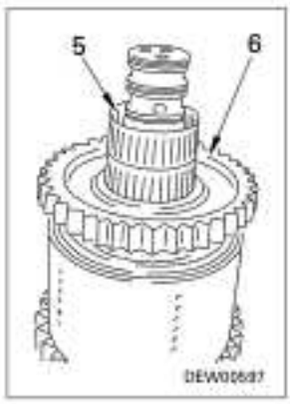


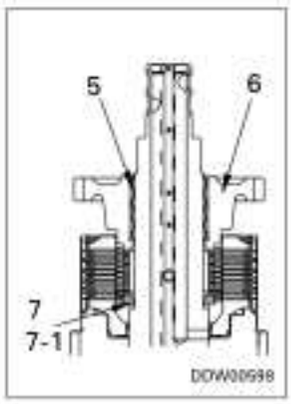


4) Needle bearing, FORWARD gear
i) Assemble spacer (7-1) and thrust washer (7) inside clutch case in order.
★ Before assembling the spacer, warm it up at 80°C – 120°C for 80 minutes.

Thrust washer (7): **Oil (EO10-CD)**

ii) Install FORWARD gear (6) to shaft, and assemble needle bearing (5).

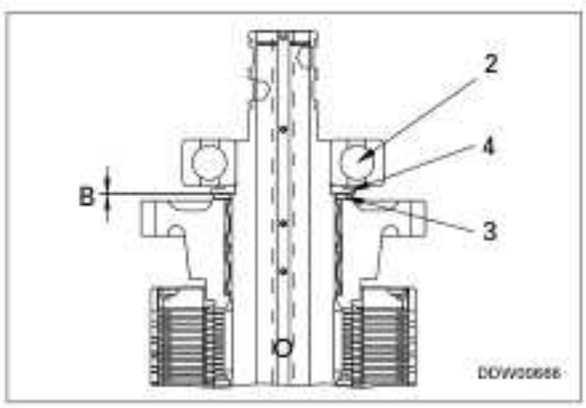




5) Bearing, thrust washer
i) Assemble thrust washer (3) and spacer (4) to shaft in order.
★ Before assembling bearing (2) and spacer (4), warm them up at 80°C – 120°C for 80 minutes.
★ When press fitting the bearing, check that there is no clearance.

Thrust washer (3): **Oil (EO10-CD)**

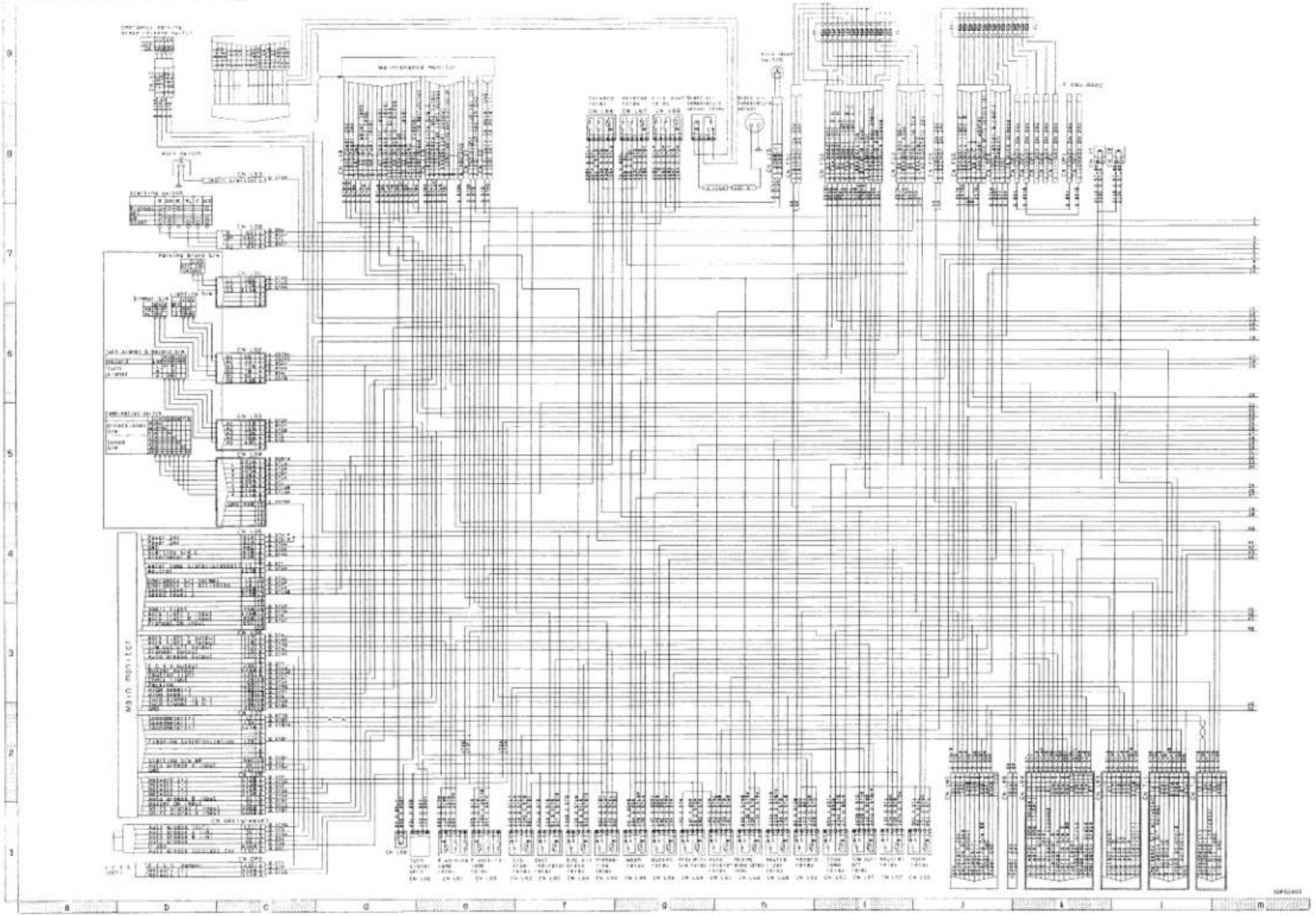
ii) Press fit bearing (2) to shaft.
★ After press fitting the bearing, check the dimension of clearance **B** between spacer (4) and thrust washer (3).
★ **B**: 0.27 – 1.23 mm
(FORWARD clutch end)



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ELECTRIC CIRCUIT DIAGRAM (3/4)



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