UEBM000901

SHOP MANUAL

KOMATSU®

PC340, PC340LC-6K
PC340NLC-6K

MACHINE MODEL	SERIAL NUMBER
PC340-6K	**K32001 and up, K34001 and up**
PC340LC-6K	**K32001 and up, K34001 and up**
PC340NLC-6K	**K32001 and up, K34001 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.

- PC340-6K mount the SAA6D108E-2 engine.
  For details of the engine, see the Engine Shop Manual.

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HYDRAULIC CIRCUIT DIAGRAM

★ For details of this page, see Section 90.

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METHOD OF USING TROUBLESHOOTING CHARTS

This troubleshooting chart is divided into three sections: **questions, check items, and troubleshooting**. The questions and check items are used to pinpoint high probability causes that can be located from the failure symptoms or simple inspeciton without using troubleshooting tools.

Next, troubleshooting tools or direct inspection are used to check the high probability causes to make final confirmation.

[Questions]

Sections Ⓐ + Ⓑ in the chart on the right corresponds to the items where answers can be obtained from the user. The items in Ⓑ are items that can be obtained from the user, depending on the user's level.

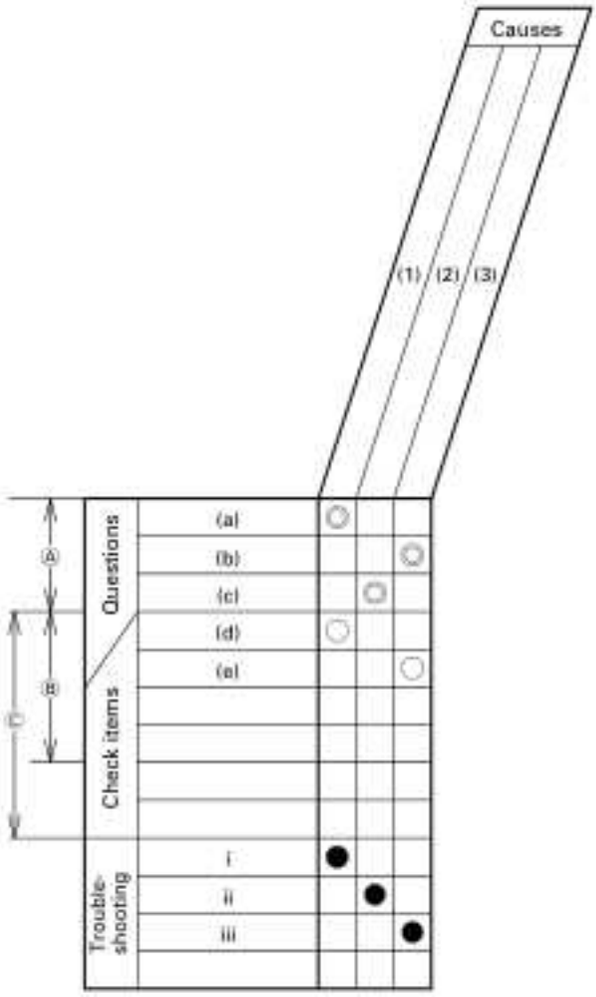
[Check items]

The serviceman carries out simple inspection to narrow down the causes. The items under Ⓒ in the chart on the right correspond to this.

The serviceman narrows down the causes from information Ⓐ that he has obtained from the user and the results of Ⓒ that he has obtained from his own inspection.

[Troubleshooting]

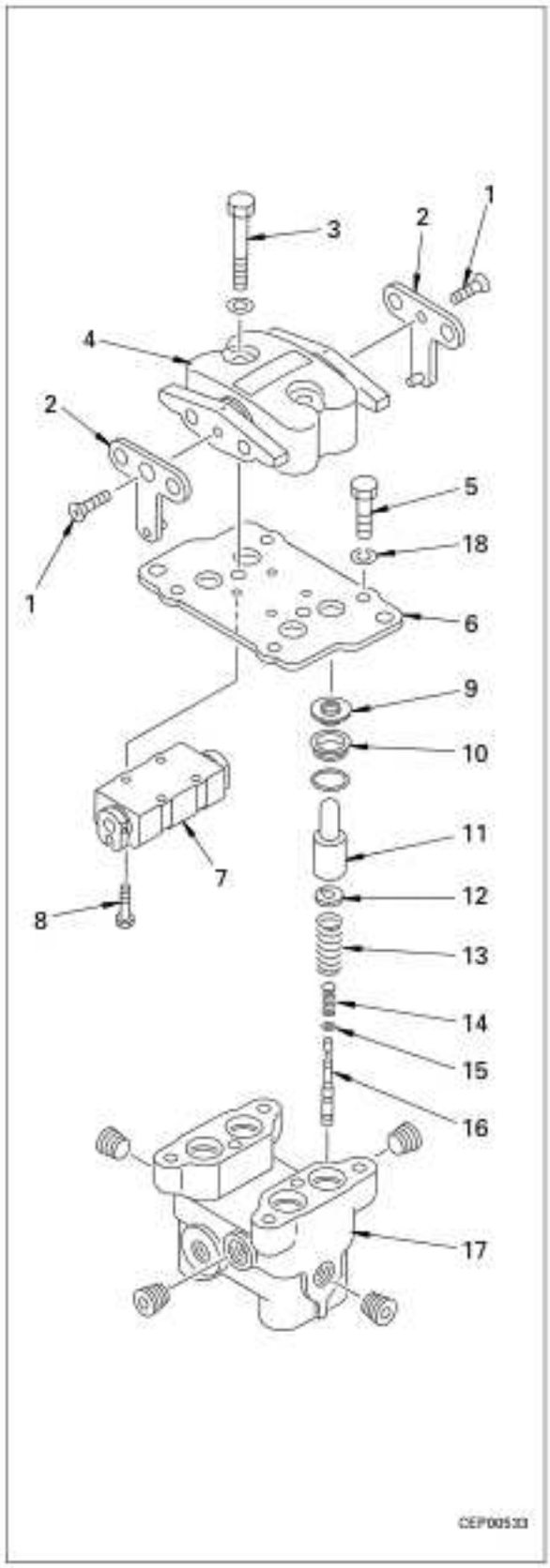
Troubleshooting is carried out in the order of probability, starting with the causes that have been marked as having the highest probability from information gained from **[Questions]** and **[Check items]**.



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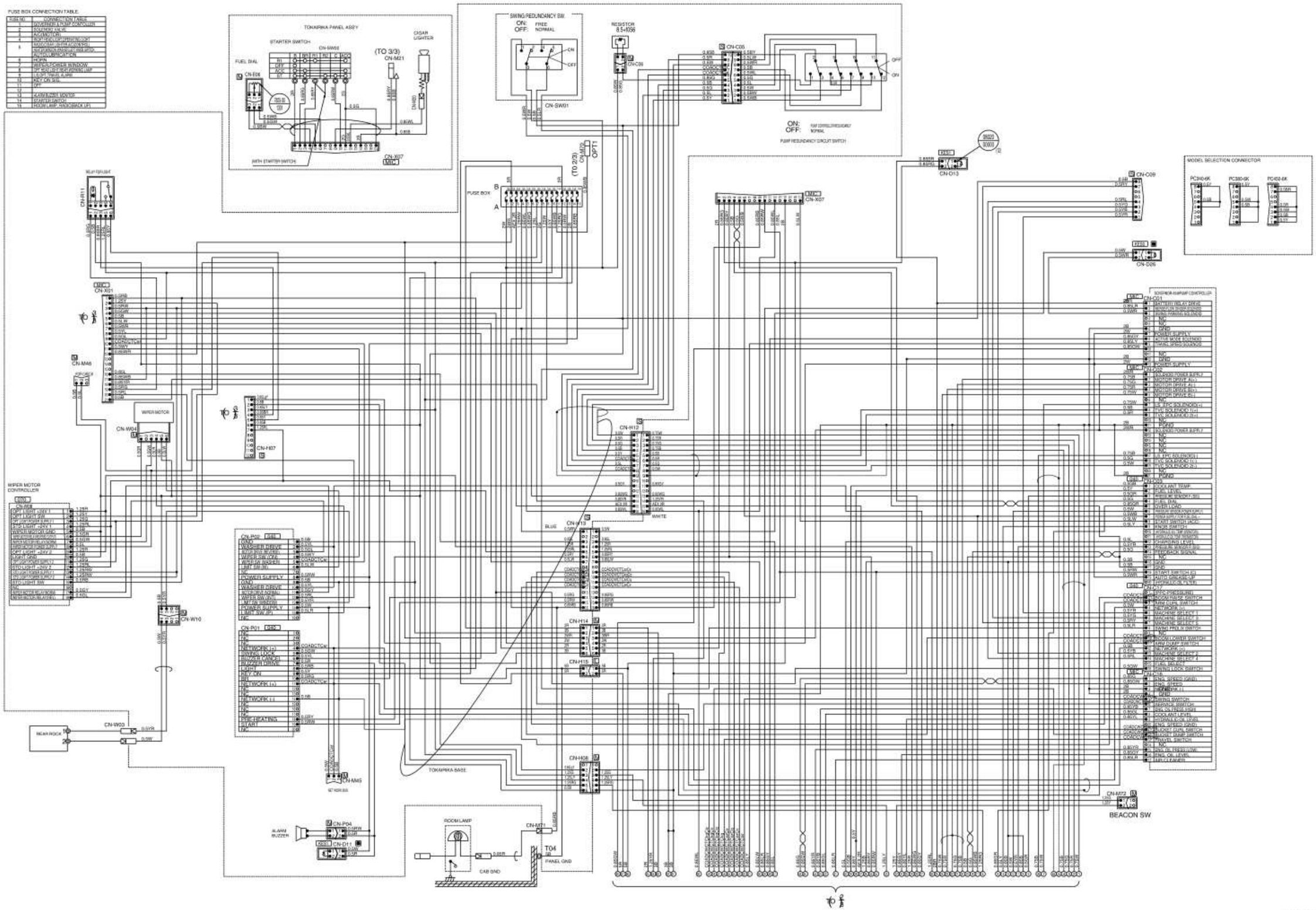
ASSEMBLY OF TRAVEL PPC VALVE ASSEMBLY

1. Assemble valve (16) in body (17).
2. Assemble shim (15) and spring (14) to valve (16).
   - ★ Assemble the same number and thickness of shim (15) as was removed during disassembly.
     Standard shim thickness: 0.3 mm
   - ★ Spring (14) is not symmetrical at the top and bottom, so assemble with the small coil diameter (inside diameter) at the shim end.
3. Assemble spring (13), retainer (12), and piston (11).
   - Outside circumference of piston, body hole: **Grease (G2- LI)**
4. Fit O-ring to collar (10) and assemble in body (17), then install seal (9).
5. Install damper assembly (7) to plate (6), then tighten mounting bolts (8).
   - Mounting bolt: **Thread tightener (LT-2)**
   - Mounting bolt:
     4.4 ± 0.5 Nm {0.45 ± 0.05 kgm}
6. Install plate (6) and damper assembly (7) as one unit, then tighten mounting bolts (5).
   - ★ Temporarily assemble standard washer (1.6 mm) for washer (18).
     After completing the assembly, measure the difference in the angle when the left and right levers are operated fully. If the angle is greater than 0.7°, change the thickness of washer (18) to make the difference less than 0.7°.
     - ★ Washer thickness: 1.0, 1.3, 1.6 mm
     - ★ If the washer is thinner by 0.3 mm, the angle of the full stroke is 0.39° greater.
   - Mounting bolt:
     30.9 ± 3.4 Nm {3.15 ± 0.35 kgm}
7. Install case and shaft assembly (4), then tighten mounting bolts (3).
   - Rocking portion of shaft, contact portion of lever and piston: **Grease (G2-LI)**
   - Mounting bolt:
     27.9 ± 3.4 Nm {2.85 ± 0.35 kgm}
8. Install lever (2), then tighten screw (1).
   - Rocking portion of lever pin and plate:
     Grease (G2-LI)
   - Screw: **8.8 ± 1.0 Nm {0.9 ± 0.1 kgm}**



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ELECTRIC CIRCUIT DIAGRAM (1/3)



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