SEBM005207

Shop Manual

KOMATSU®

D155AX-3

Super Dozer

SERIAL NUMBERS **D155AX-3 - 60001** and up

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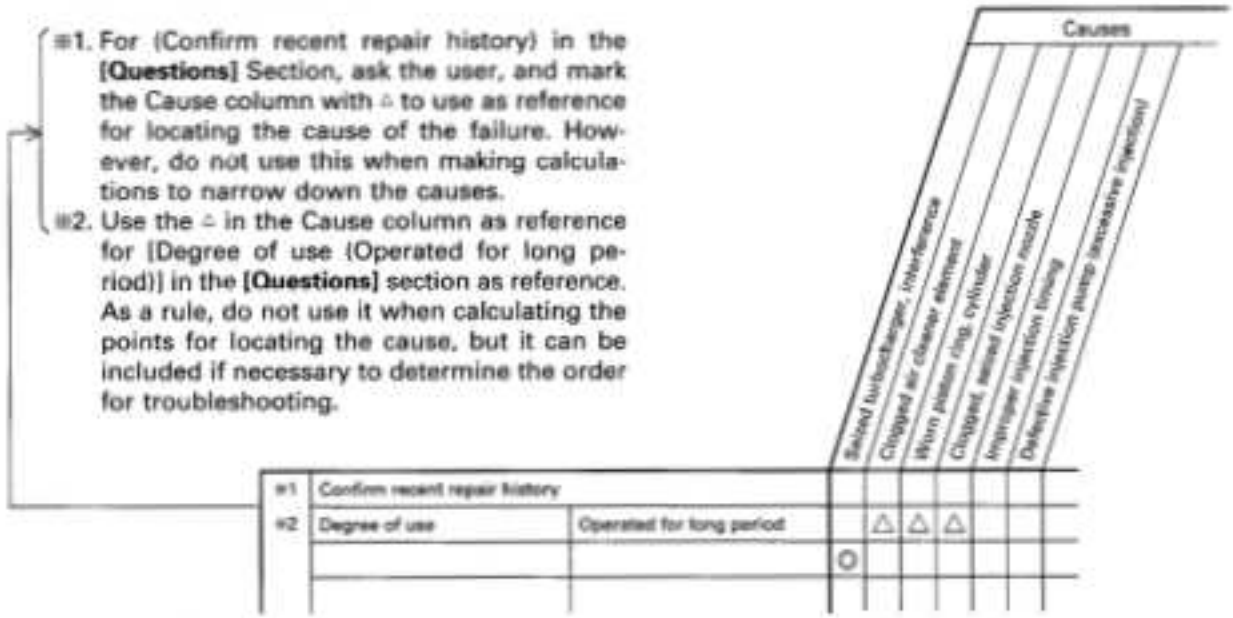
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The basic method of using the troubleshooting chart is as follows.
Items listed for **[Questions]** and **[Check items]** that have a relationship with the Cause items are marked with ○, and of these, causes that have a high probability are marked with ◎.
Check each of the **[Questions]** and **[Check items]** in turn, taking note of the ○ or ◎ marks in the chart for the horizontal lines of symptoms applicable to the machine. The vertical column (Causes) that has the highest number of applicable ○ or ◎ marks is the most probable cause, so start troubleshooting for that item to make final confirmation of the cause.

※1. For (Confirm recent repair history) in the **[Questions]** Section, ask the user, and mark the Cause column with △ to use as reference for locating the cause of the failure. However, do not use this when making calculations to narrow down the causes.
※2. Use the △ in the Cause column as reference for (Degree of use (Operated for long period)) in the **[Questions]** section as reference. As a rule, do not use it when calculating the points for locating the cause, but it can be included if necessary to determine the order for troubleshooting.



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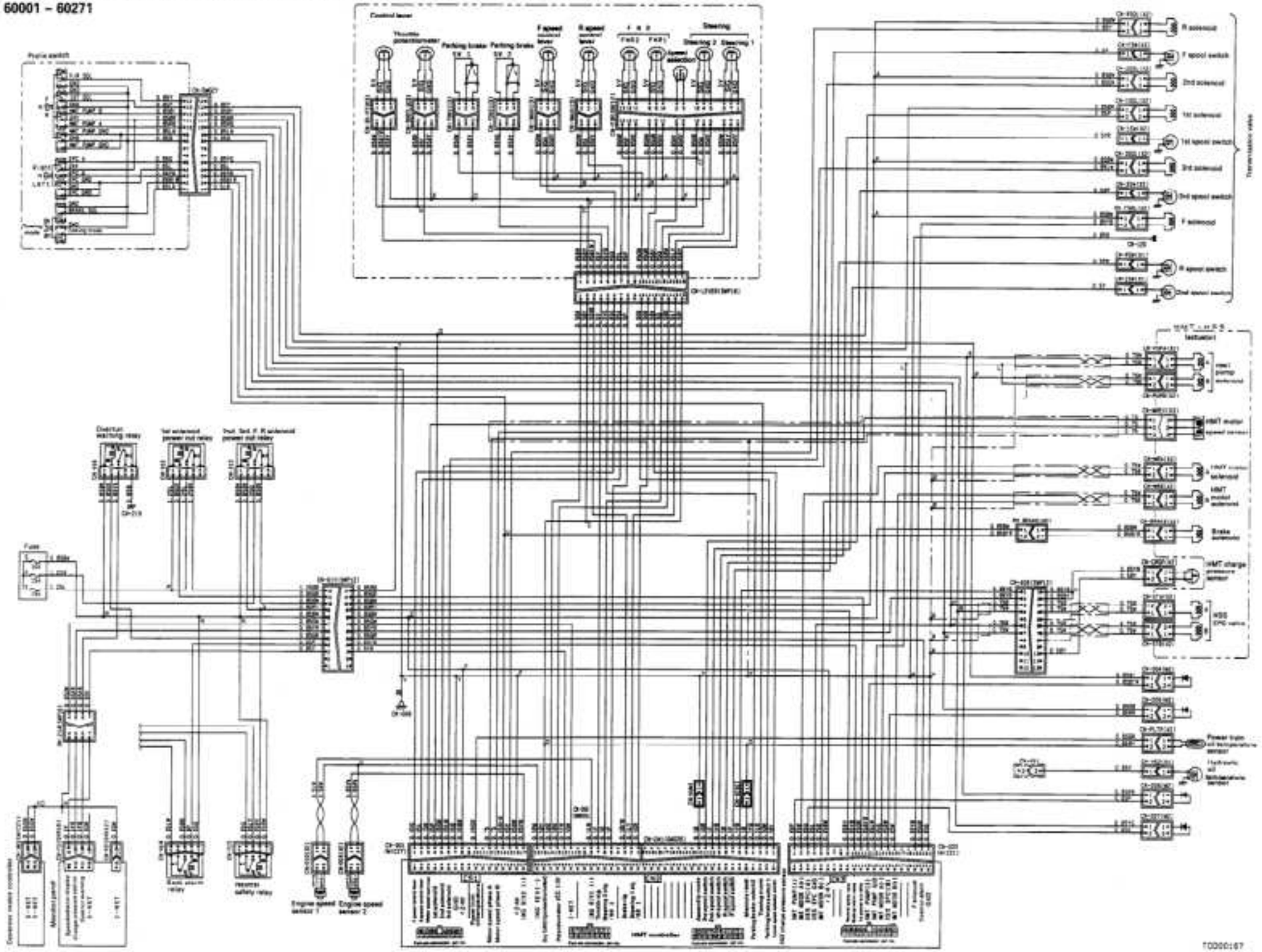
Cause	Remedy
Defective HMT controller	Replace
System has been reset	—
Short circuit with chassis ground in wiring harness between CN003 (female) (12) and PUPB (female) (2)	Replace wiring harness
Defective HMT pump servo solenoid [B]	Replace
Contact of 24V wiring harness with wiring harness between CN003 (female) (13) – PUPA,PUPB (female) (1)	Replace wiring harness
Short circuit with chassis ground in wiring harness between CN003 (female) (1) and PUPA (female) (2)	Replace wiring harness
Defective HMT pump servo solenoid [A]	Replace

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ELECTRICAL CIRCUIT DIAGRAM OF HMT CONTROLLER SYSTEM

Serial No. : 60001 – 60271



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