SEN00114-05

Shop Manual

WHEEL LOADER

GALEO

WA380-6

SERIAL NUMBERS WA380- 65001 and up

KOMATSU®

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Display of total loaded volume and display of remaining volume

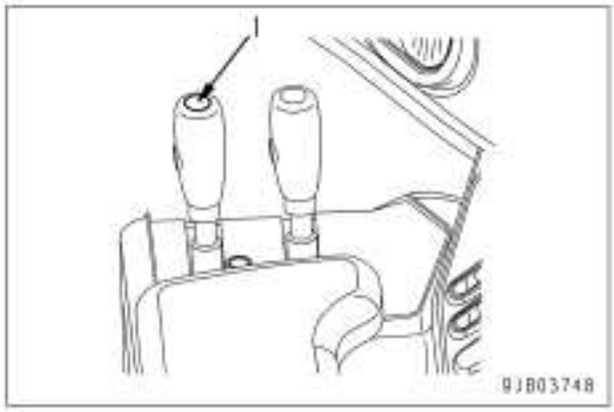
Actual total loaded weight (t)	Display of total loaded volume	Remarks
– –999.5	–999.9	Display of decimal point
–999.4 – –0.1	–***.*	Display of decimal point (the second decimal place is rounded off.)
0 – 9,999.4	****.*	Display of decimal point (the second decimal place is rounded off.)
9,999.5 – 99,999.4	*****	Display of integer (the second decimal place is rounded off.)
99,999.5 –	99,999	Display of integer

Unit of calculated weight

- Calculated weight values are all displayed in SI (metric ton).
  If "MPH" has been selected for speed display in monitor setting, however, it can be switched to short ton (US ton) in service mode optional setting.
  If you switch it to short ton, weight display is also output in short ton (US to) on the printer.

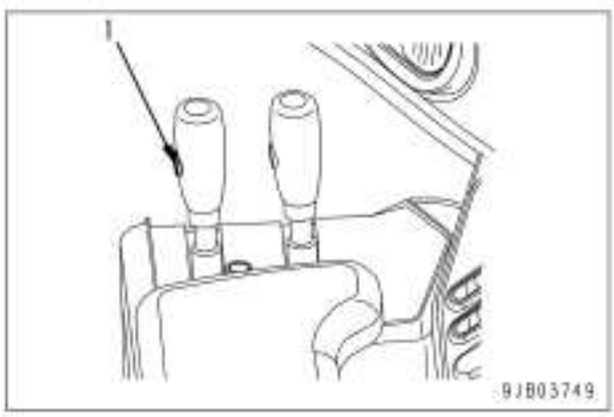
⚠ **In countries where SI unit is adopted, the speed display unit and weight display unit must not be changed to non-SI unit.**

Load meter cancel switch



- When the switch (1) is pressed during the holding time of calculated weight (15 seconds after completion of calculation), the value at the display of bucket-loaded volume is canceled, and the calculated weight is abandoned.)
  In this case, the display of total loaded volume (display of remaining volume) newly added (reduced) is also canceled, and the previous display value is returned.

Load meter subtotal switch

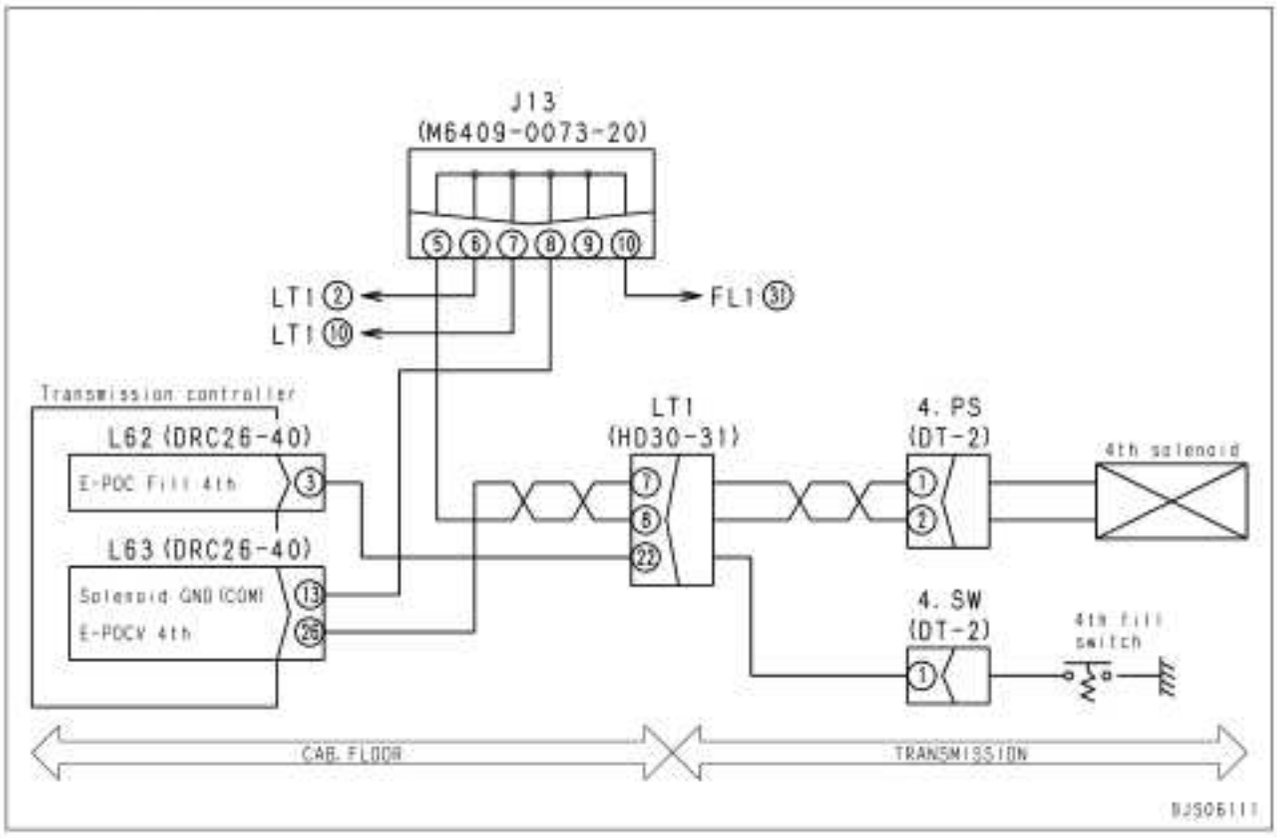


- To clear the display of total loaded volume (in addition mode) or display of remaining volume (in reduction mode), continuously press the switch (1) at least 2 seconds.
- When outputting the data to the printer, just hit switch (1).

Specifications	Operation after operating switch
Printer not installed	Clears the display of total loaded volume (display of remaining volume).
Printer installed	Outputs saved subtotal data on the printer. After the output, the subtotal data is cleared.

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Circuit diagram related to 4th clutch ECMV solenoid



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Troubleshooting of engine (S-mode)

Method of using troubleshooting chart

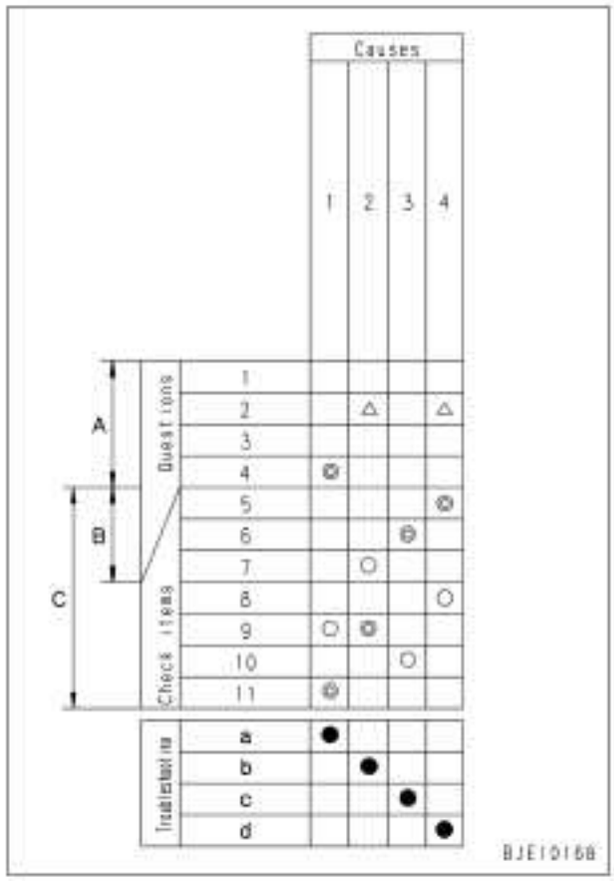
The troubleshooting chart consists of "questions", "check items", "causes", and "troubleshooting" blocks.
The "questions" and "check items" narrow down the causes to highly probable "causes" by simple inspection or from symptoms without using a diagnostic tool.
Then, the final verifications of "causes" are carried out by checking the narrowed down "causes" in the order of their probability with diagnostic tools or by direct inspection following the "troubleshooting" procedure.

Questions:
Information to be obtained by questioning the user or operator, and which corresponds to the sections (A) and (B) in the right chart.
Section (A) includes basic information, and section (B) contains items which can be obtained depending on the level of the user or operator.

Check items:
Items checked by the serviceman in order to narrow down the causes, section (C) of the right chart is corresponding to them.

Causes:
Items to be narrowed down by the questions and check items.
The serviceman narrows down the causes to highly probable causes according to the information from (A), (B) and (C).

Troubleshooting:
Items to be verified at the end in order to check if the narrowed down causes are the true factors causing the failure. The verification is carried out by applying diagnostic tools or implementing direct inspection in the order of probability.



This troubleshooting chart marks the content of the questions and check items with △, ○ or ◎ according to their closer relationship with the causes.
△ : A cause that can be referred to in relation to the question or check item.
○ : A cause that is related to the question or check item.
◎ : A cause particularly probable among those marked with ○ above.
★ Count the priority level of each marking as ◎ > ○ when determining the cause.
Don't count △ when determining the cause. The item with this marking may be counted, however, if no difference is present than this and the cause cannot be determined.

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Electrical diagrams and drawings
Electrical circuit diagram (1/2)



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