CEBM005502

Shop Manual

KOMATSU®

avance® plus

WA600-3LK

WHEEL LOADER

SERIAL NUMBERS **WA600-3LK - A53001** and UP

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The affected pages are indicated by using the following marks. It is requested that necessary actions be taken to these pages according to the table below.

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●	Page to be replaced	Replace
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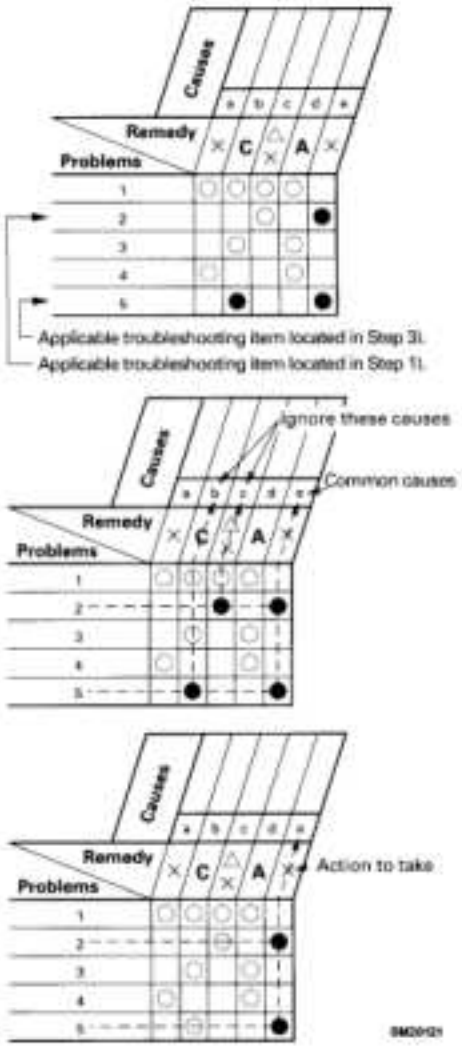
C. Operate the machine and check the troubleshooting items other than those in 1).
Operate the machine and check the items in the same way as in A and if the symptom appears, mark that item. (In the chart on the right, the symptom appears again for item E.

D. Find the appropriate cause from the cause column. In the same way as in Step B, if the symptom appears, the O marks on that line indicate the possible causes. (For item No.5 in the table on the right, the possible causes are **b** or **e**.)

E. Narrow down the possible causes.
There is one common cause among the causes located in Steps B and D. (One cause marked O, appears on the line for both items.) This cause is common to both the symptoms in troubleshooting Steps A and C.
★ The causes which are not common to both troubleshooting items (items which are not marked O for both symptoms) are unlikely causes, so ignore them. (In the example given on the right, the causes for Troubleshooting Item 2 are **c** or **e**, and the causes for Troubleshooting Item 5 are **b** or **e**, so cause **e** is common to both.)

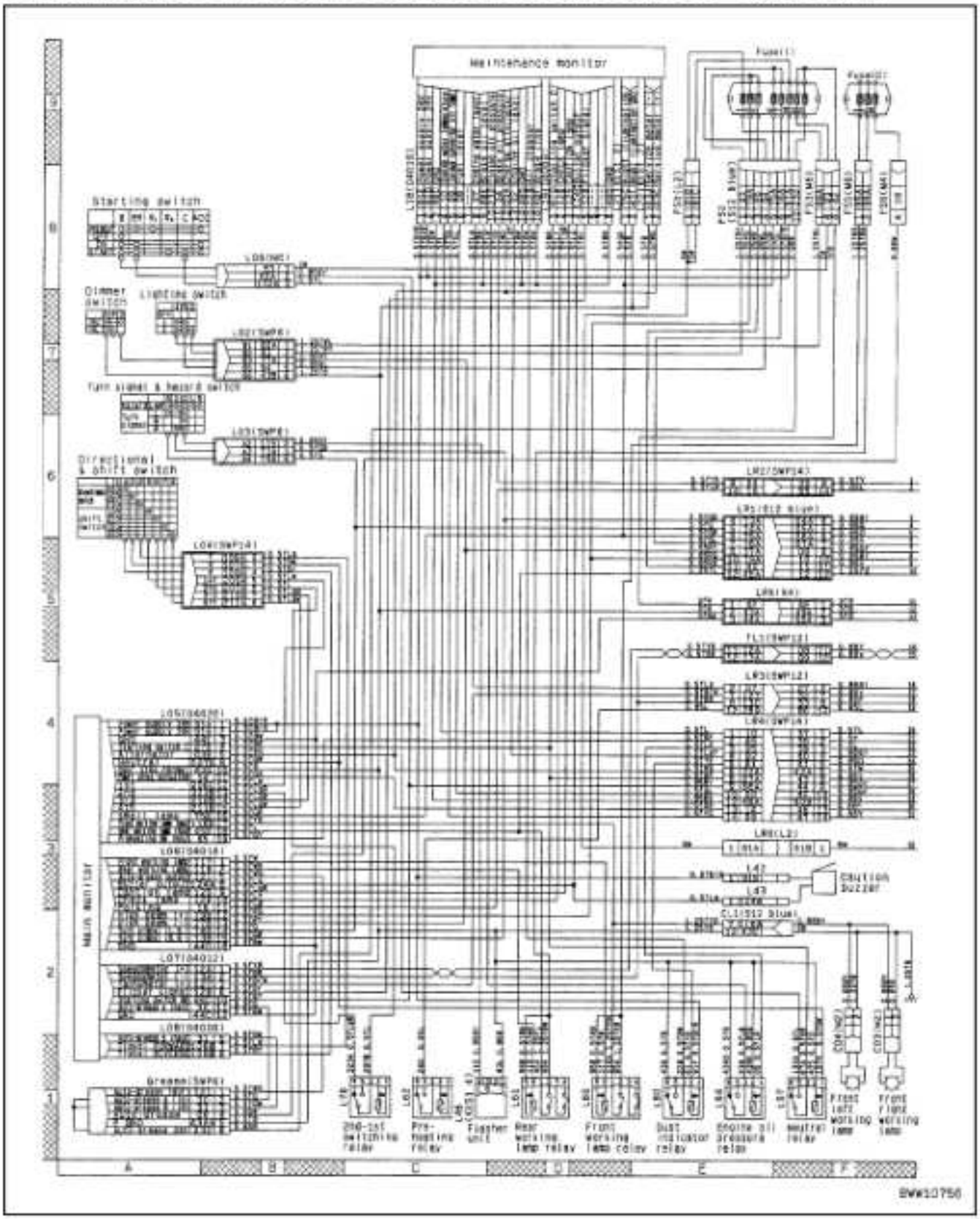
F. Repeat the operations in Steps C, D and E until one cause (one common cause) remains.
★ If the causes cannot be narrowed down to one cause, narrow the causes down as far as possible.

G. Remedy
If the causes are narrowed down to one common cause, take the action given in the remedy column.
The symbols given in the remedy column indicate the following:
X: Replace
△: Repair
A: Adjust
C: Clean



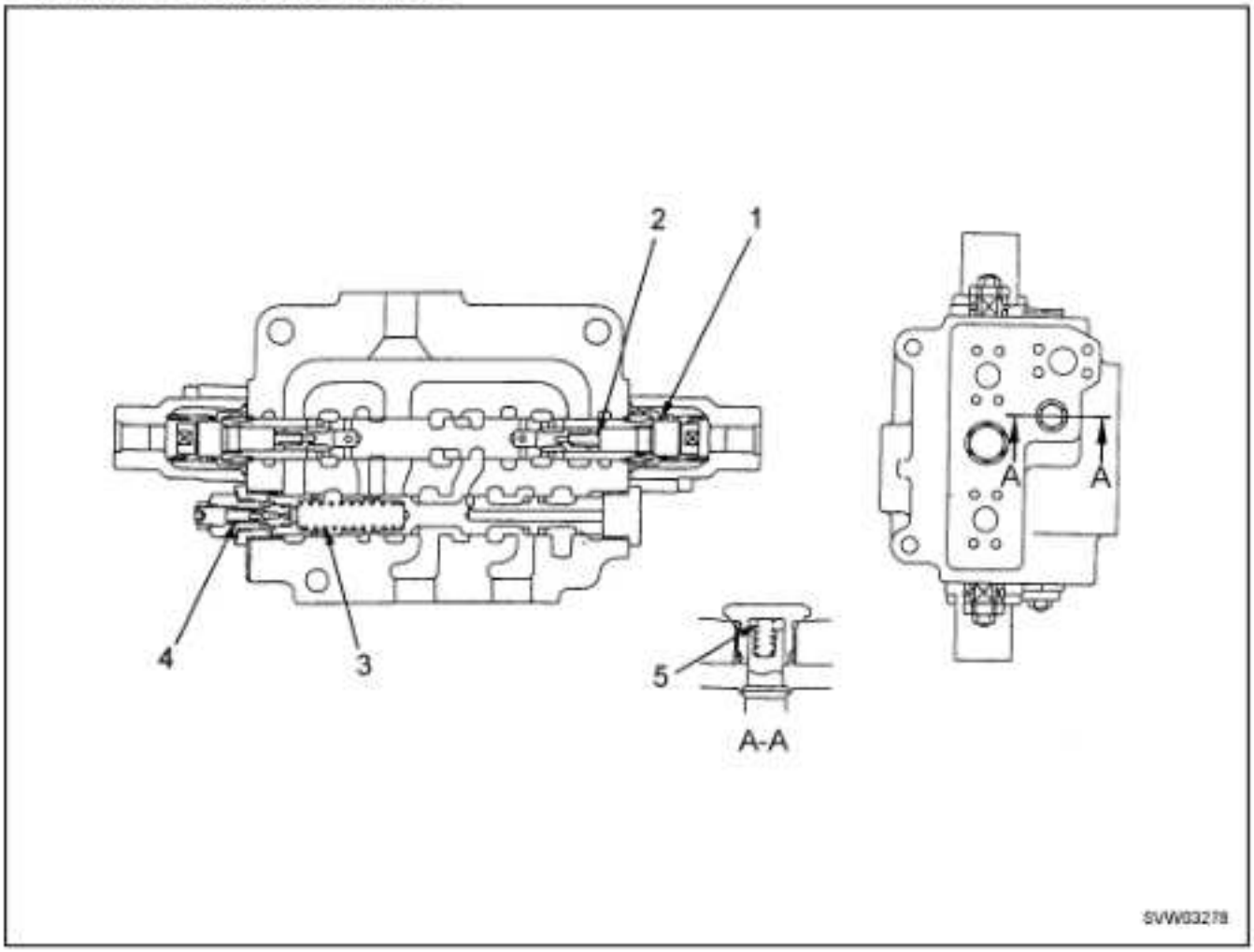
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MAINTENANCE MONITOR ELECTRICAL CIRCUIT DIAGRAM



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STEERING DEMAND VALVE

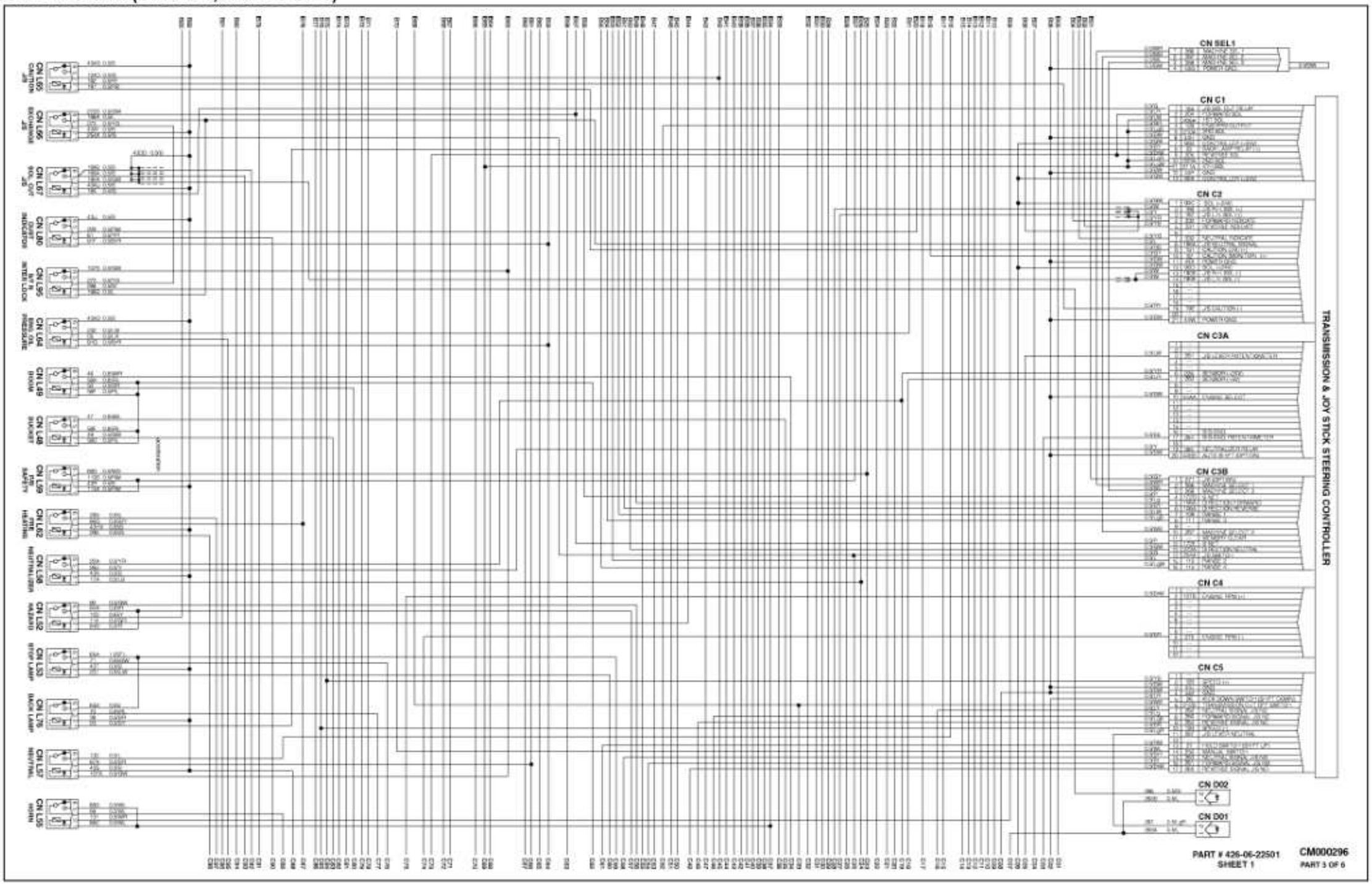


Unit: mm

No.	Check Item	Criteria					Remedy
		Standard Size			Repair Limit		
		Free Length	Installation Length	Installation Load	Free Length	Installation Load	
1	Steering spool return spring	41.8	38	7.6 kg		6 kg	
2	Load check valve spring	20.9	13.2	0.9 kg		0.71 kg	
3	Demand spool return spring	90.8	83	41.8 kg	---	33.4 kg	Replace
4	Relief valve spring	24.0	22.19	18.6 kg		14.8 kg	
5	Check valve return spring	20.9	13.2	0.9 kg		0.71 kg	

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CIRCUIT DIAGRAM (SHEET 1, PART 3 OF 6)



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