SEBM028803

SHOP MANUAL

KOMATSU®

D41E,P-6

MACHINE MODEL	SERIAL NUMBER
D41E-6	**B40001 and up**
D41P-6	**B40001 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.

- D41E,P-6 mounts the SA6D102E-2 engine.
  For details of the engine, see the 102 Series Engine Shop Manual.

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Connector No.	Connector type	No. of pins	Location	Address			
				Arrangement drawing	E mode system diagram	M mode system diagram	Wiper system diagram
CN98	KES	4	Condenser relay	D-8	Q-6		
CN99	DT	2	Fan stepless speed changer solenoid	B-5	B-3		
CN100	DT	2	Intermediate connector	C-8	P-6		
CN101	Terminal	1	Ground (Cab)	H-2		F-2	
CN102	Terminal	1	Ground	A-4			
CN103	Terminal	1	Ground	E-1	D-6	C-5	
CN104	Terminal	1	Ground	J-1	B-5		
CN105	Terminal	1	Engine oil pressure switch	E-1		F-7	
CN106	Terminal	1	Ground	D-7	N-7	F-9	
CN107	Terminal	1	Heater relay inlet	F-1	P-9	F-9	
CN108	Terminal	1	Heater relay output	F-1	Q-9	F-9	
CN109	Terminal	1	Heater relay coil drive	D-6	P-9	F-9	
CN110	Terminal	1	Heater relay coil ground	F-1	Q-9	F-9	
CN111	Terminal	1	Starting switch (C)	I-2	B-9	B-9	
CN112	Terminal	1	Starting switch (ACC)	H-2	B-9		
CN113	Terminal	1	Starting switch (R1)	I-1	B-9	B-9	
CN114	Terminal	1	Starting switch (BR)	I-1	B-9		
CN115	Terminal	1	Starting switch (B)	I-2	B-9	A-9	
CN116	Terminal	1	Alternator (R)	B-1	N-9	C-9	
CN117	Terminal	1	Alternator (B)	B-1	N-9	D-9	
CN118	Terminal	1	Alternator (E)	A-2	N-9	D-9	
CN119	Terminal	1	Alternator (E circuit ground)	C-1	N-8	D-8	
ACC	YAZAKI	2	Accessory (Cab specification)	L-5			
CIG	YAZAKI	2	Cigarette lighter (Cab specification)	L-5			
CNFL	DT	2	Rear right additional light (Cab specification)	E-9			
CNFR	DT	2	Rear left additional light (Cab specification)	D-8			
CNRL	DT	2	Front right additional light (Cab specification)	H-8			
CNRR	DT	2	Front left additional light (Cab specification)	G-9			
FB1			Fuse BOX	I-4	O-3	E-2	
FB2			Fuse BOX	I-5	O-3	E-2	
GND1	Terminal	1	GND (Cab specification)	K-8			C-1
GND2	Terminal	1	GND (Cab specification)	K-8			
GND3	Terminal	1	GND (Cab specification)	L-7			E-3
GND4	Terminal	1	GND (Cab specification)	G-9			

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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 inspection without using troubleshooting tools.

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

[Questions]

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

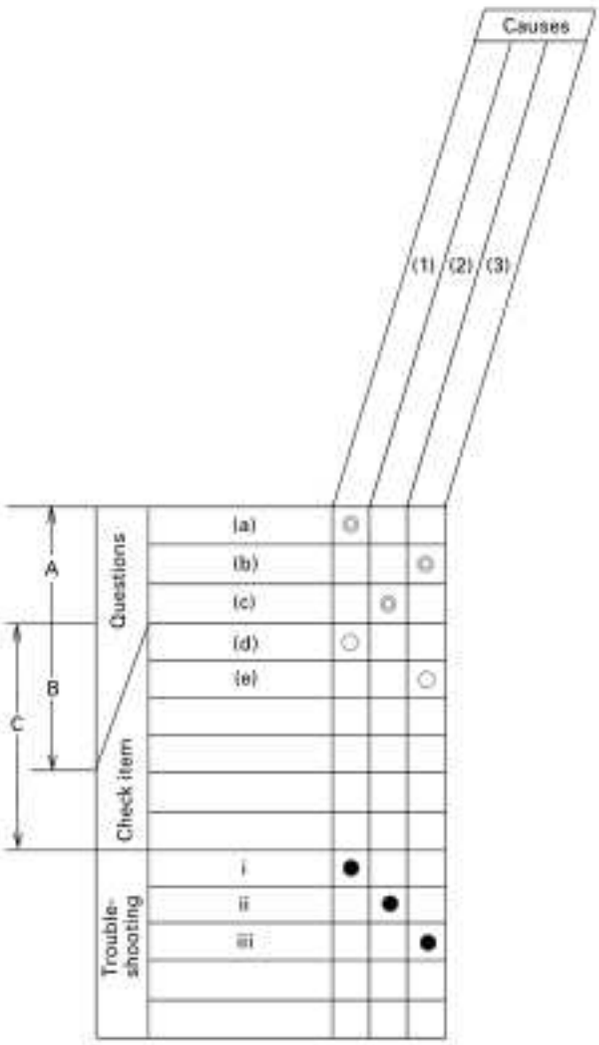
[Check items]

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

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

[Troubleshooting]

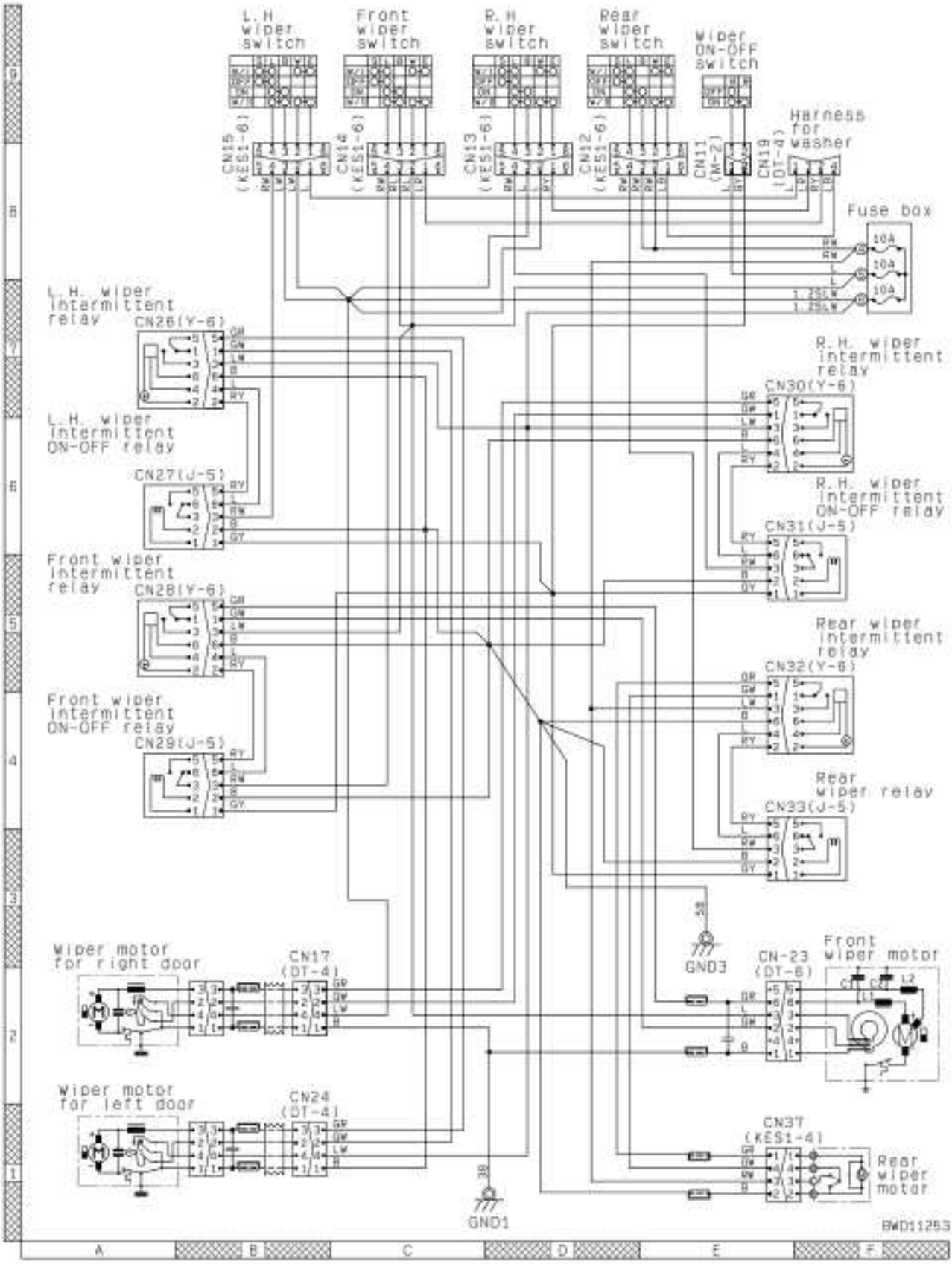
Troubleshooting is carried out in the order of probability, starting with the causes that have been marked as having the highest probability from information gained from **[Questions]** and **[Check items]**.



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ELECTRICAL CIRCUIT DIAGRAMS FOR EACH SYSTEM

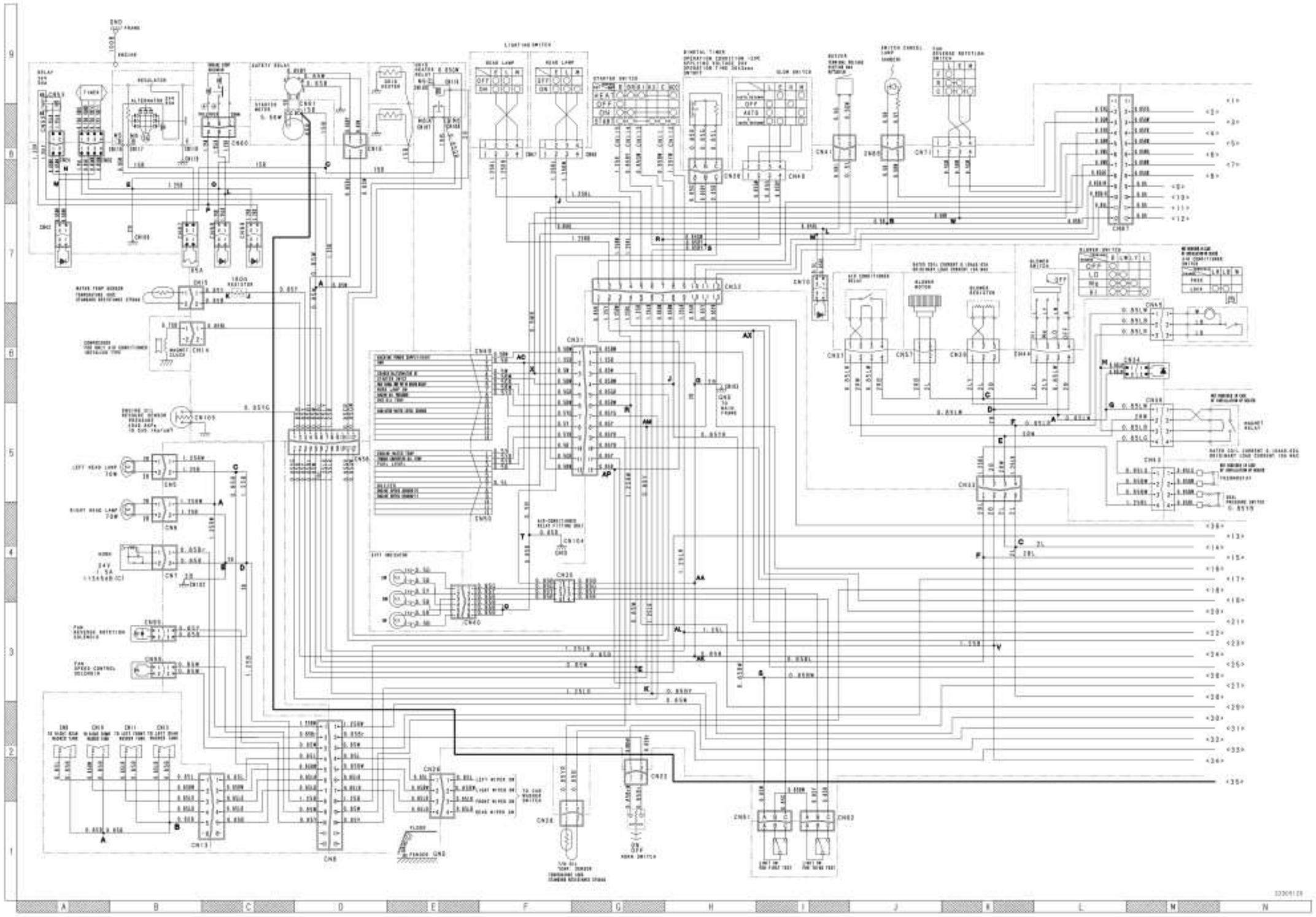
WIPER RELATED SYSTEM DIAGRAM



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ELECTRICAL CIRCUIT DIAGRAM (1/2)

WITH CAB



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