WEN00003-00

Shop Manual

HYDRAULIC
EXCAVATOR

PC128US-8

SERIAL NUMBERS 20001 and up

★ **Arm crane cannot be used on this machine.**

KOMATSU®

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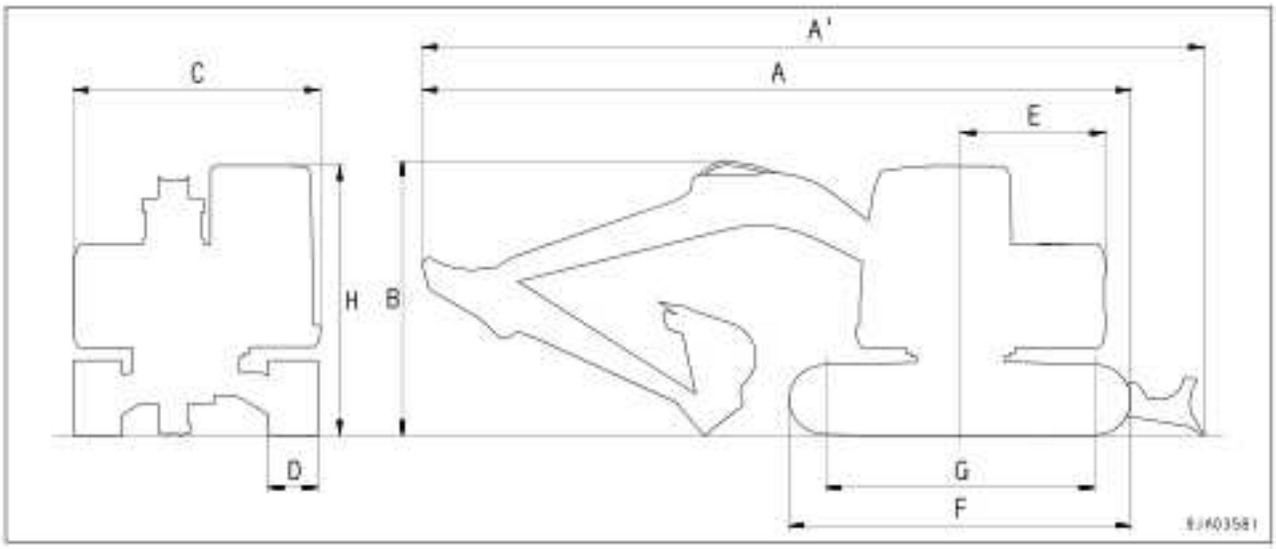
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Specification and technical data

Specification dimension drawing



	Item		Unit	PC128US-8
	Machine weight	Standard specification	kg	12,950
		Reinforced blade specification		13,450
	Bucket capacity		m^3	0.45
	Engine type		—	Komatsu SAA4D95LE-5 Diesel engine
	Engine rated output • Net [ISO 9249/SAE J1349] • Gross [SAE J1995]		kW{HP}/rpm	68.4{91.7}/2,200 72.1{96.6}/2,200
A	Overall length	Standard specification	mm	7,260
A'		Reinforced blade specification	mm	7,970
B	Overall height		mm	2,850
C	Overall width		mm	2,490
D	Shoe width		mm	500
E	Tail swing radius		mm	1,480
F	Crawler overall length		mm	3,605
G	Distance between tumbler center		mm	2,880
H	Cab height		mm	2,810
	Ground clearance		mm	390
	Traveling speed (Low/High)		km/h	2.9/5.1
	Continuous swing speed		rpm	11.0

★ The engine rated output is indicated in the net value and gross value. Gross denotes the rated output measured of an independent engine. While, net denotes the value measured of an engine under the condition essentially the same as that when it is installed on machine.

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Related circuit diagram

This drawing is a part of the electric circuit diagram related to trouble-shooting.

- Connector No.: Indicates (Model – Number of pins) and (Color).
- "Connector No. and pin No." from each branching/merging point: Shows the ends of branch or source of merging within the parts of the same wiring harness.
- Arrow (⇔): Roughly shows the location on the machine.

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Failure code [CA441] Battery voltage low error

User code	Failure code	Trouble	Battery voltage low error (Engine controller system)
E10	**CA441**		
Contents of trouble	• Low voltage was detected in controller power supply voltage circuit.		
Action of controller	• None in particular.		
Problem that appears on machine	• Engine continues operation normally, but it may stop during operation or may not be able to start.		
Related information	• Method of reproducing failure code: Turn starting switch ON.		

Possible causes and standard value in normal state	Cause	Standard value in normal state/Remarks on troubleshooting
	Carry out troubleshooting for failure code [**CA111**].	

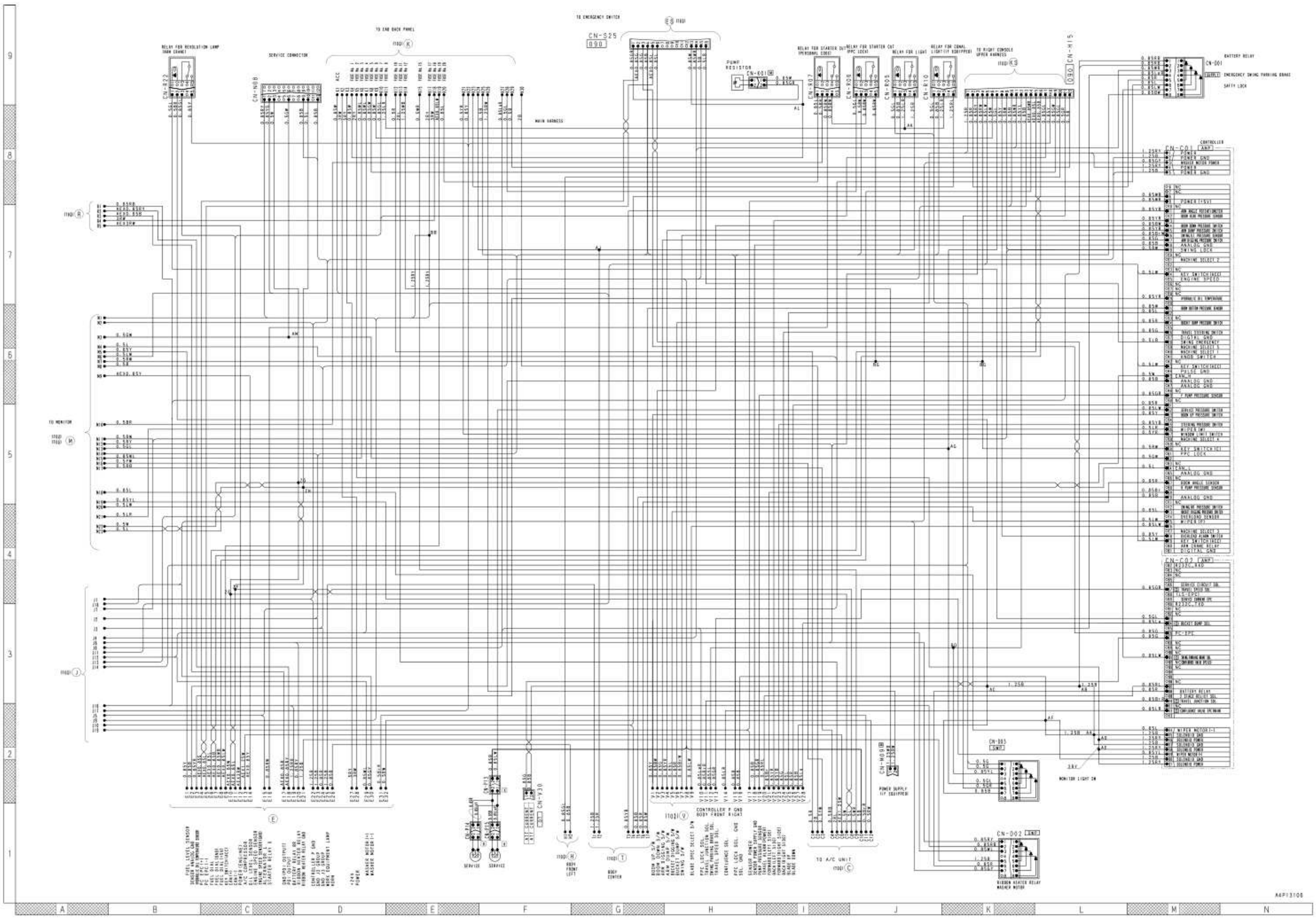
Failure code [CA442] Battery voltage high error

User code	Failure code	Trouble	Battery voltage high error (Engine controller system)
E10	**CA442**		
Contents of trouble	• High voltage was detected in controller power supply voltage circuit.		
Action of controller	• None in particular.		
Problem that appears on machine	• Engine continues operation normally, but it may stop during operation or may not be able to start.		
Related information	• Method of reproducing failure code: Turn starting switch ON.		

Possible causes and standard value in normal state	Cause	Standard value in normal state/Remarks on troubleshooting
	Carry out troubleshooting for failure code [**CA111**].	

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Electrical circuit diagram (1/6)



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