SHOP MANUAL

KOMATSU®

BZ210-1

MACHINE MODEL	SERIAL NUMBER
BZ210-1	**1001 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.

- BZ210-1 mounts the SAA6D102E-2 engine.
  For details of the engine, see the 102 Series Engine Shop Manual.

Order the manual at mid-west-tech.com >

CONTENTS

No. of page

01 GENERAL 01-1

10 STRUCTURE, FUNCTION AND MAINTENANCE STANDARD 10-1

20 TESTING AND ADJUSTING 20-1

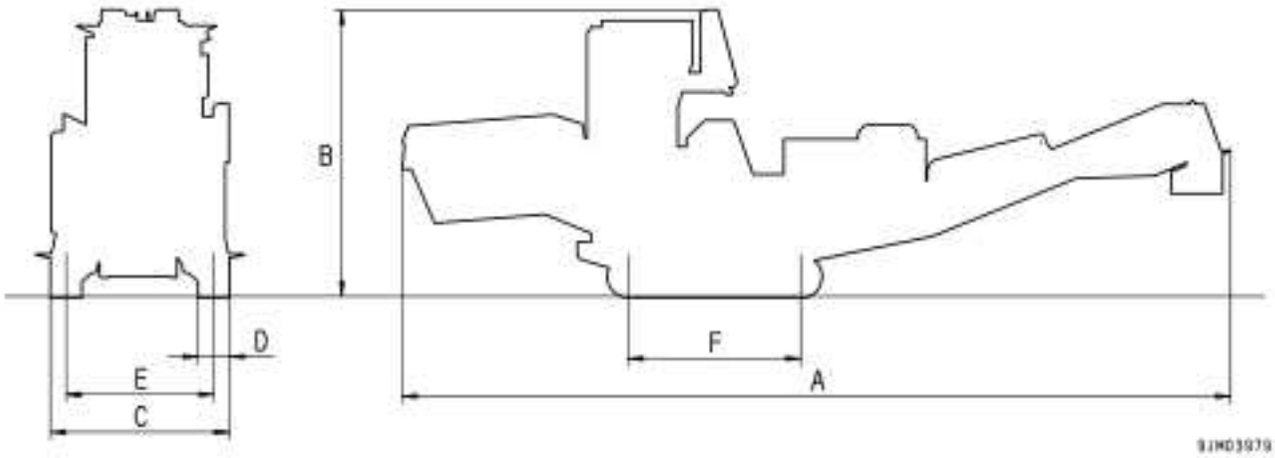
30 DISASSEMBLY AND ASSEMBLY 30-1

90 OTHERS 90-1

MidWestTech | Komatsu BZ210-1 Mobile Crusher Service Manual | Publication SEBM... Order the manual at mid-west-tech.com >

SPECIFICATION DRAWINGS

DIMENSION CHART

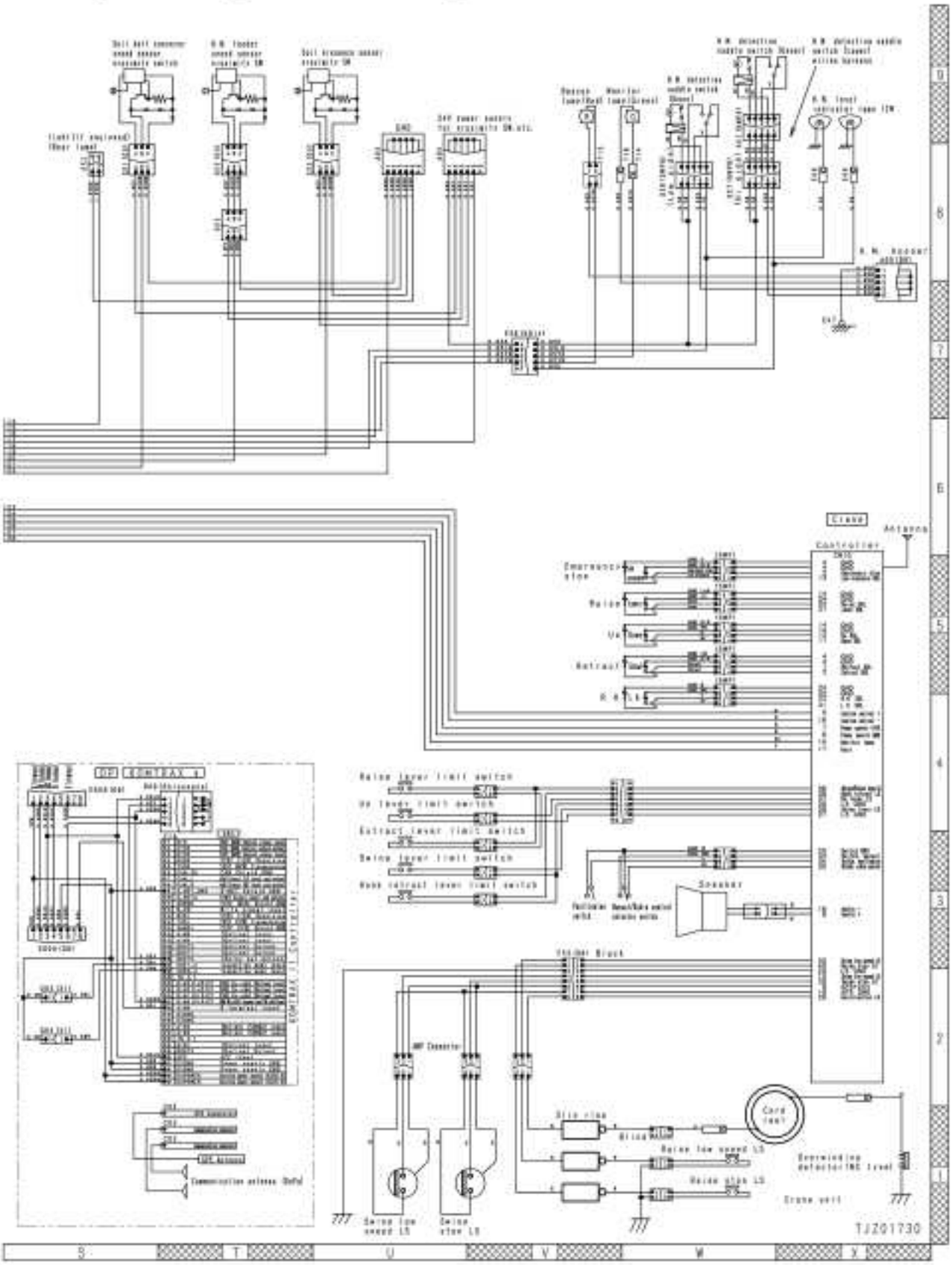


DIMENSIONS

	Item	Unit	BZ210-1
A	Overall length	mm	13,210
B	Overall height (for transport)	mm	4,560 (3,100)
C	Overall width (for transport)	mm	3,310 (2,850)
D	Track shoe width	mm	500
E	Track gauge	mm	2,350
F	Length of track on ground	mm	2,750

MidWestTech | Komatsu BZ210-1 Mobile Crusher Service Manual | Publication SEBM... Order the manual at mid-west-tech.com >

★ This circuit diagram is made by excerpting the governor pump controller system and work equipment controller system from the general electric circuit diagram.



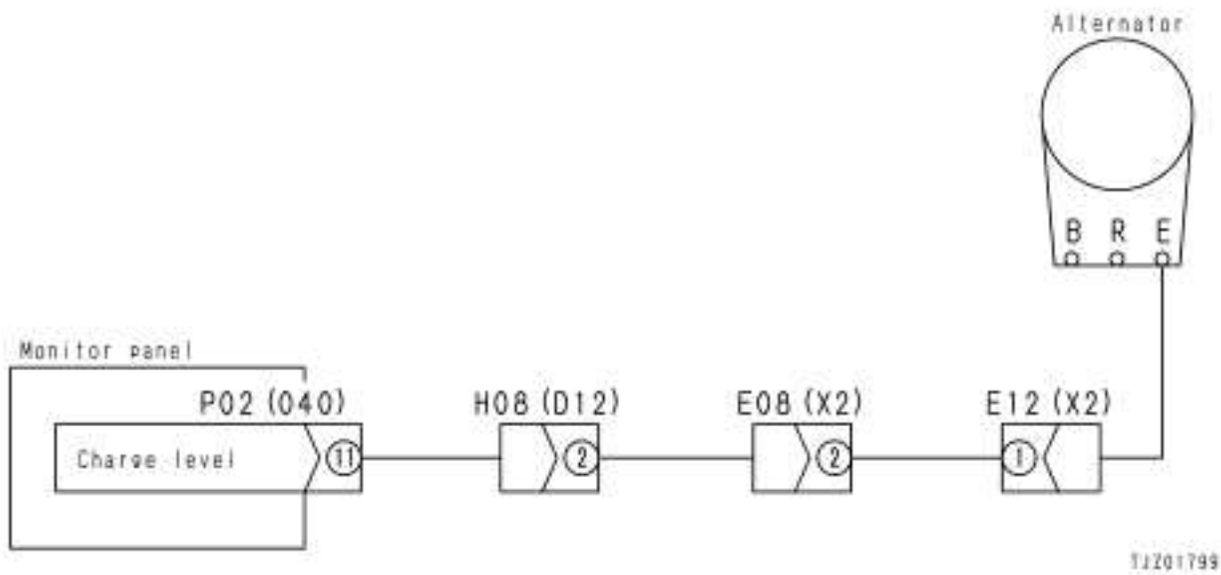
MidWestTech | Komatsu BZ210-1 Mobile Crusher Service Manual | Publication SEBM...
Order the manual at mid-west-tech.com >

Mechanical system error code [AB00KE] (Abnormal lowering of charge voltage)

User Code	Service Code	Error code	Trouble	Abnormal lowering of charge voltage
—	—	**AB00KE**		
Contents of trouble	While the engine is running, the generating signal is not input from the alternator.			
Action of GP controller	None in particular.			
Problem that appears on machine	If the machine is used as it is, the battery may not be charged.			
Related information	If the charge level caution symbol is displayed on the monitor panel while the engine is running, this error code is recorded.			

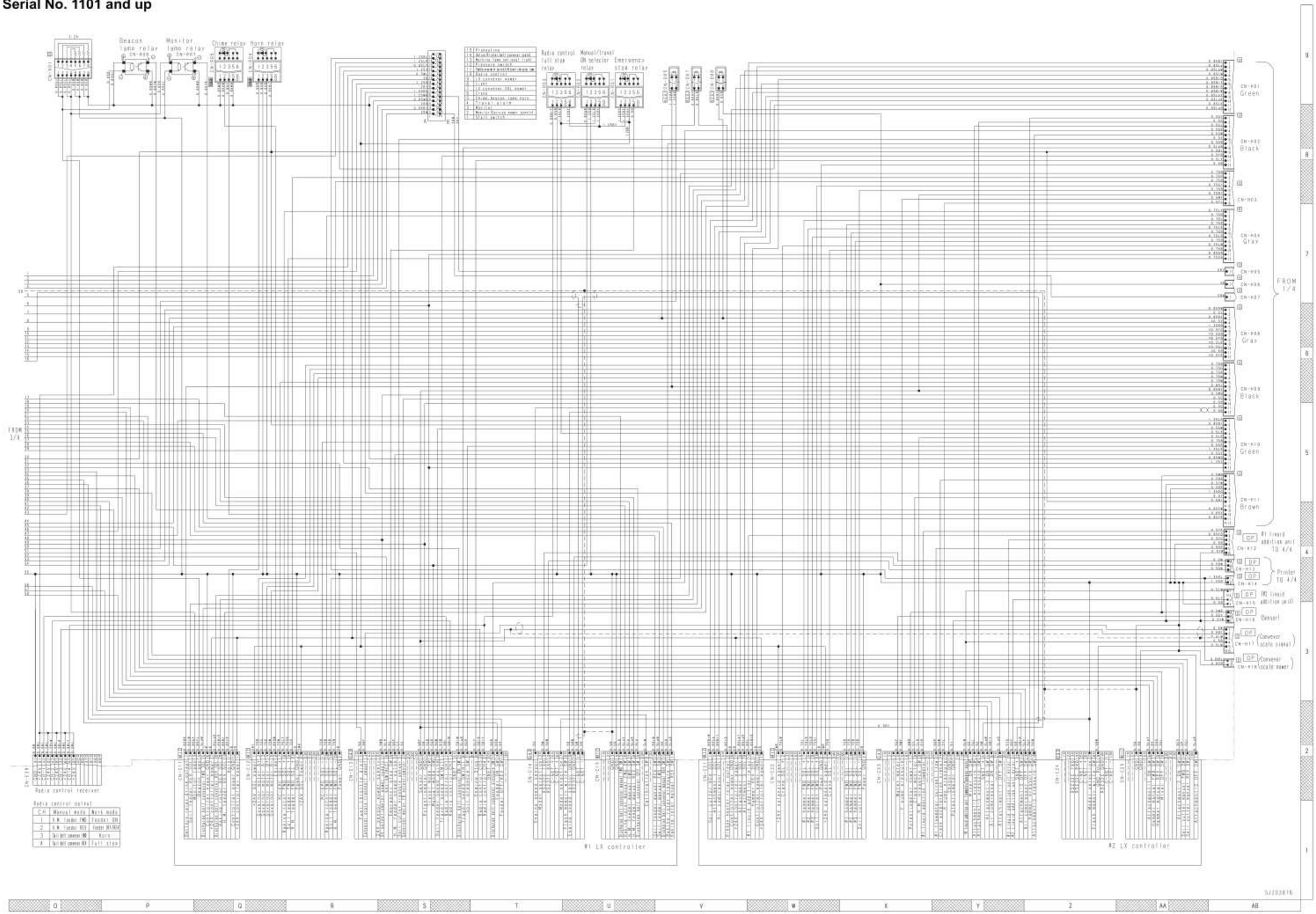
Possible causes and standard value in normal state	Cause		Standard value in normal state/Remarks on troubleshooting		
	1	Defective alternator (Insufficient generation)	★Prepare with starting switch OFF, then start engine and carry out troubleshooting.		
			E12 (male)	Engine speed	Voltage
			Between (1) and chassis ground	Above middle speed	27.5 – 29.5 V
	2	Disconnection in wiring harness	★Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch.		
			Between P02 (female) (11) – H08 (2) – E08 (2) – E12 (female) (1)	Resistance	Max. 1 Ω
	3	Short circuit with chassis ground in wiring harness	★Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch.		
			Between P02 (female) (11) – H08 (2) – E08 (2) – E12 (female) (1) wiring harness and chassis ground	Resistance	Min. 1 MΩ
	4	Defective monitor panel	★Prepare with starting switch OFF, then start engine and carry out troubleshooting.		
			P02	Engine speed	Voltage
			Between (11) and chassis ground	Above middle speed	27.5 – 29.5 V

Electric circuit diagram related to charge voltage system



MidWestTech | Komatsu BZ210-1 Mobile Crusher Service Manual | Publication SEBM... Order the manual at mid-west-tech.com >

ELECTRICAL CIRCUIT DIAGRAM (2/4)
Serial No. 1101 and up



MidWestTech | Komatsu BZ210-1 Mobile Crusher Service Manual | Publication SEBM031101

Order the manual at mid-west-tech.com >