SEBM030506

SHOP MANUAL

KOMATSU®

PC228US-3
PC228USLC-3

MACHINE MODEL	SERIAL NUMBER
PC228US-3	**30001 and up**
PC228USLC-3	**30001 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.

- PC228US-3, PC228USLC-3 mounts the SAA6D102E-2 engine.
  For details of the engine, see the 102 Series Engine Shop Manual.

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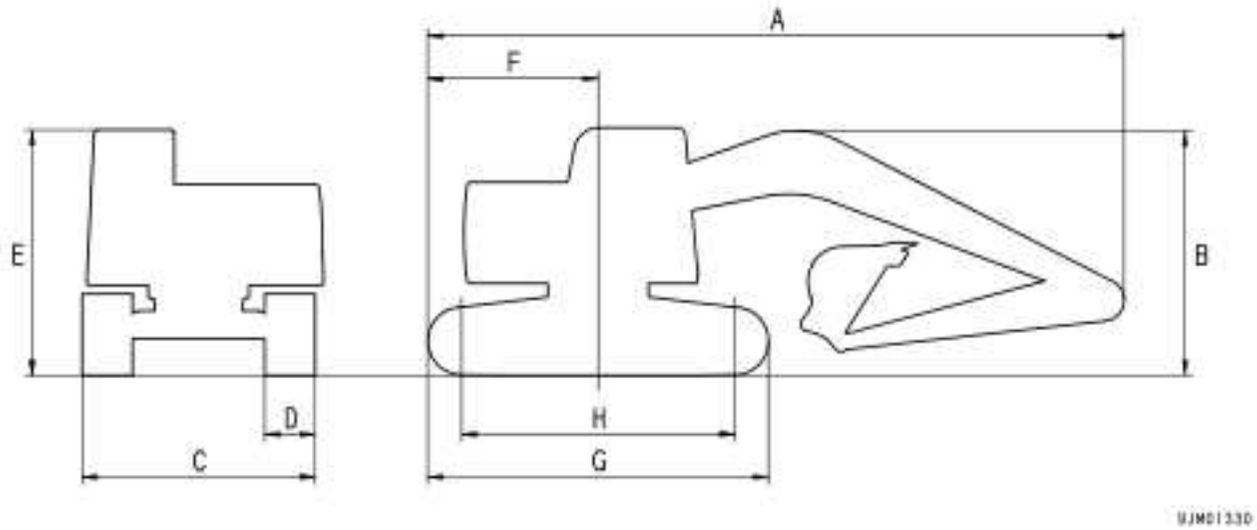
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SPECIFICATION DIMENSION DRAWINGS

PC228US-3
PC228USLC-3

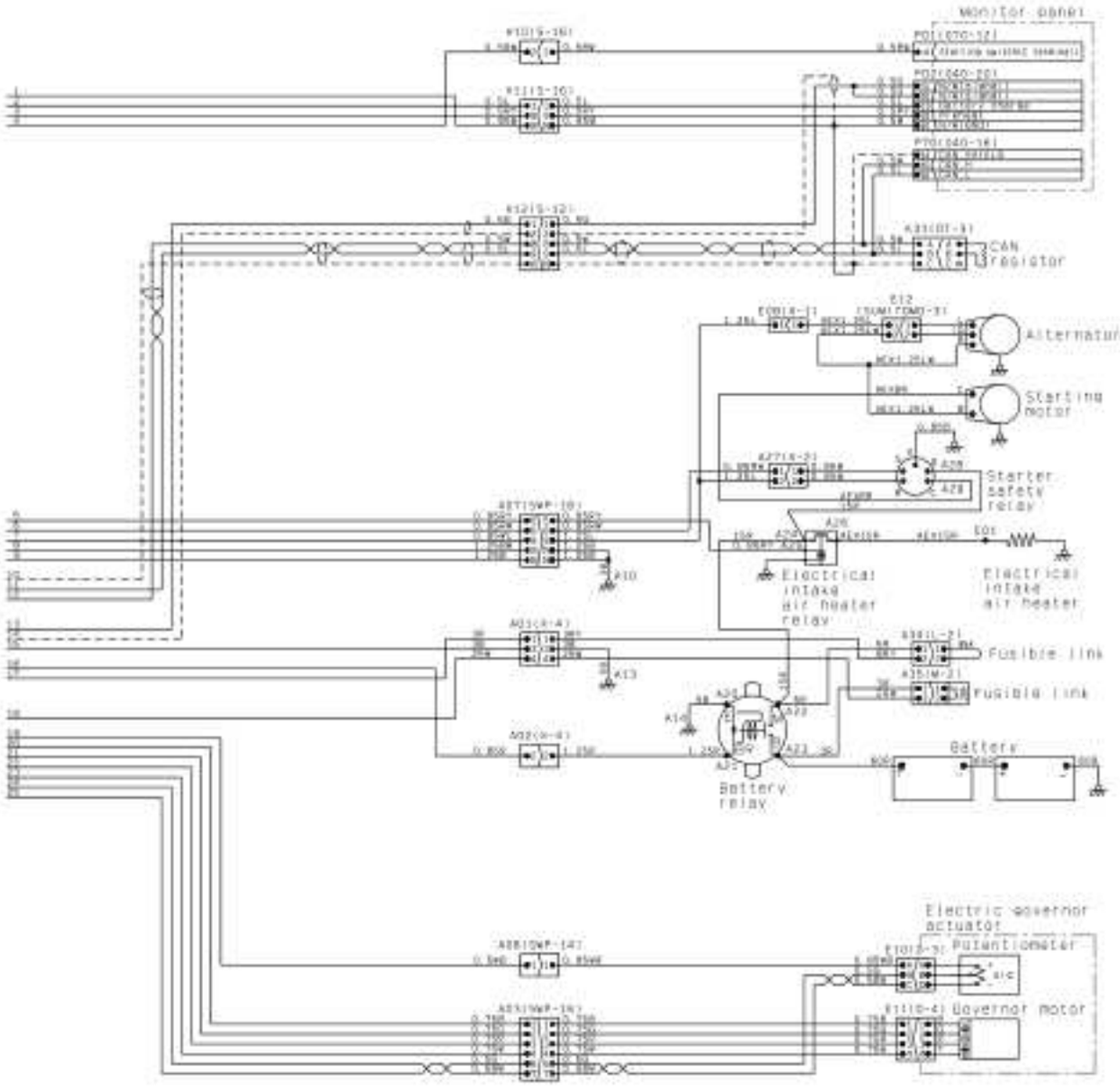


Unit: mm

	PC228US-3		PC228USLC-3
	STD.	Blade specification	
A	8,700	9,510	8,890
B	3,035	2,980	3,035
C	2,980	2,800	2,980
D	600	600	700
E	3,035	3,035	3,035
F	1,680	2,840	1,680
G	4,080	4,080	4,450
H	3,270	3,270	3,640

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★ This circuit diagram has been compiled by extracting the governor•pump controller system (power source, governor control, model selection and communication) from the overall electrical circuit diagram.



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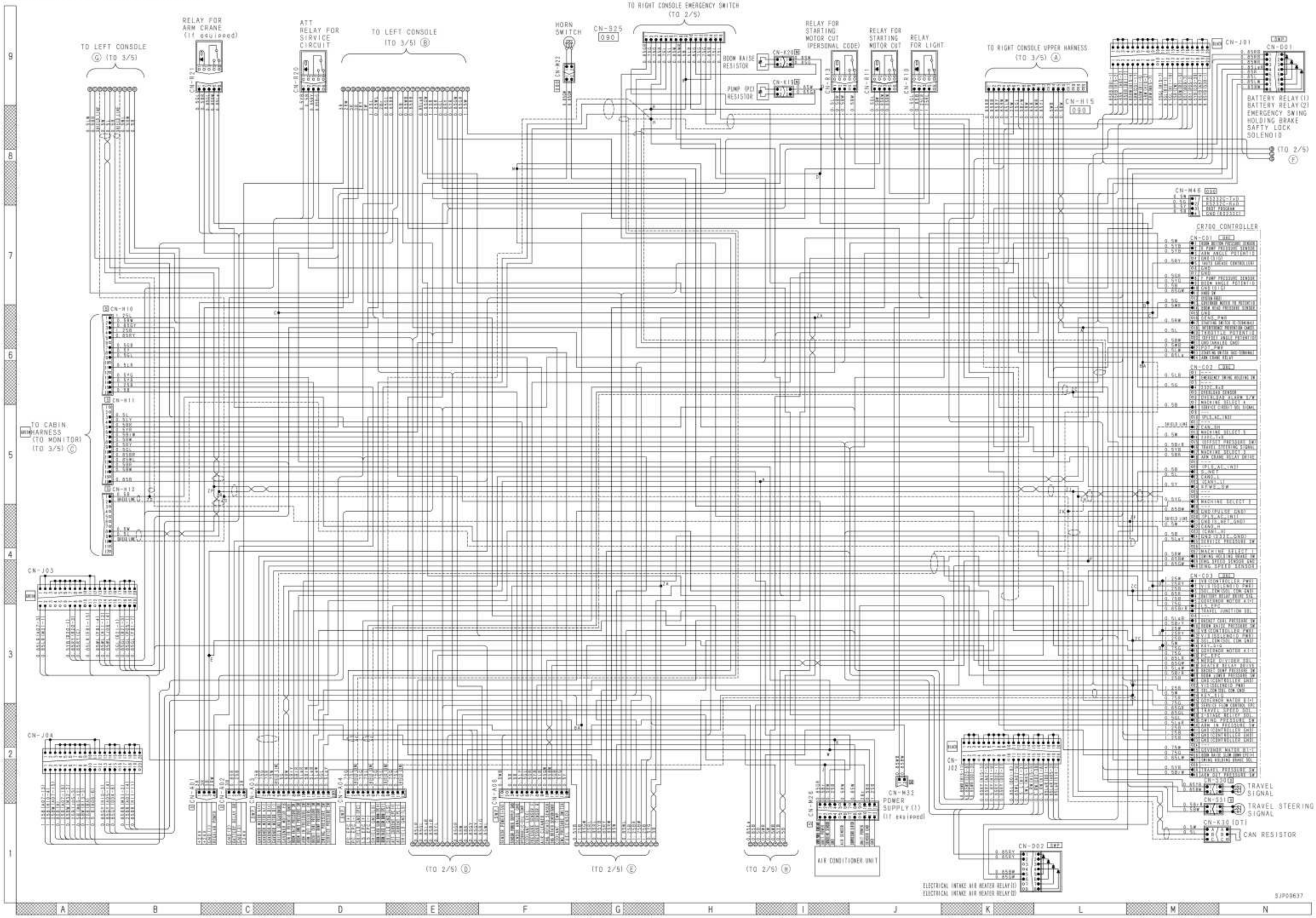
BEFORE TROUBLESHOOTING FOR DISPLAYED CODE

Error codes, failure codes, and possible causes

Error code	Failure code	Possible causes																										
		Defective battery relay	Defective fuse or fusible link	Defective monitor panel	Defective governor and pump controller	Defective sensor power supply (5 V)	Defective wiper motor	Defective windshield washer motor	Defective swing lock switch	Defective emergency pump drive switch	Defective emergency work equipment switch	Defective fuel control dial	Defective governor motor	Defective governor potentiometer	Defective engine speed sensor (including adjustment)	Defective engine oil pressure switch	Defective engine oil level switch	Defective engine water temperature sensor	Defective radiator water level switch	Defective air cleaner clogging switch	Defective alternator	Defective mechanical system of engine	Defective adjustment of governor lever	Defective fuel control of engine	Lowering of engine oil pressure	Lowering of engine oil level
E112	DY2DKB			●			●																					
E113	DY2EKB			●			●																					
E114	DY2CKB			●				●																				
E115	DY20KA			●			●																					
E116	DY20MA			●			●																					
E201	DW91KB				●																							
E203	DW45KB				●																							
E204	DWJ0KB				●																							
E205	DWK0KB				●																							
E206	DW43KB				●																							
E211	DW91KA				●																							
E213	DW45KA				●				●																			
E214	DWJ0KA				●																							
E215	DWK0KA				●																							
E216	DW43KA				●																							
E217	DA2SKQ				●																							
E218	DA2SKA			●	●																							
E222	DXE0KB				●																							
E223	DXE0KA				●																							
E224	DHPAMA				●	●																						
E225	DHPBMA				●	●																						
E226	DA25KP				●							●		●														
E227	DLE2MA				●										●													
E228	D196KB				●																							
E232	DXA0KB				●					●																		
E233	DXA0KA				●					●																		
E234	DW4GKB				●						●																	
E235	DW4GKA				●						●																	
E238	D196KA		●		●																							
E241	DKA0PH				●	●																						
E245	DXE4KB				●																							
E246	DXE4KA				●																							
E306	DK54KZ				●	●								●														
E308	DK10KZ				●	●						●																

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ELECTRICAL CIRCUIT DIAGRAM (1/4)



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