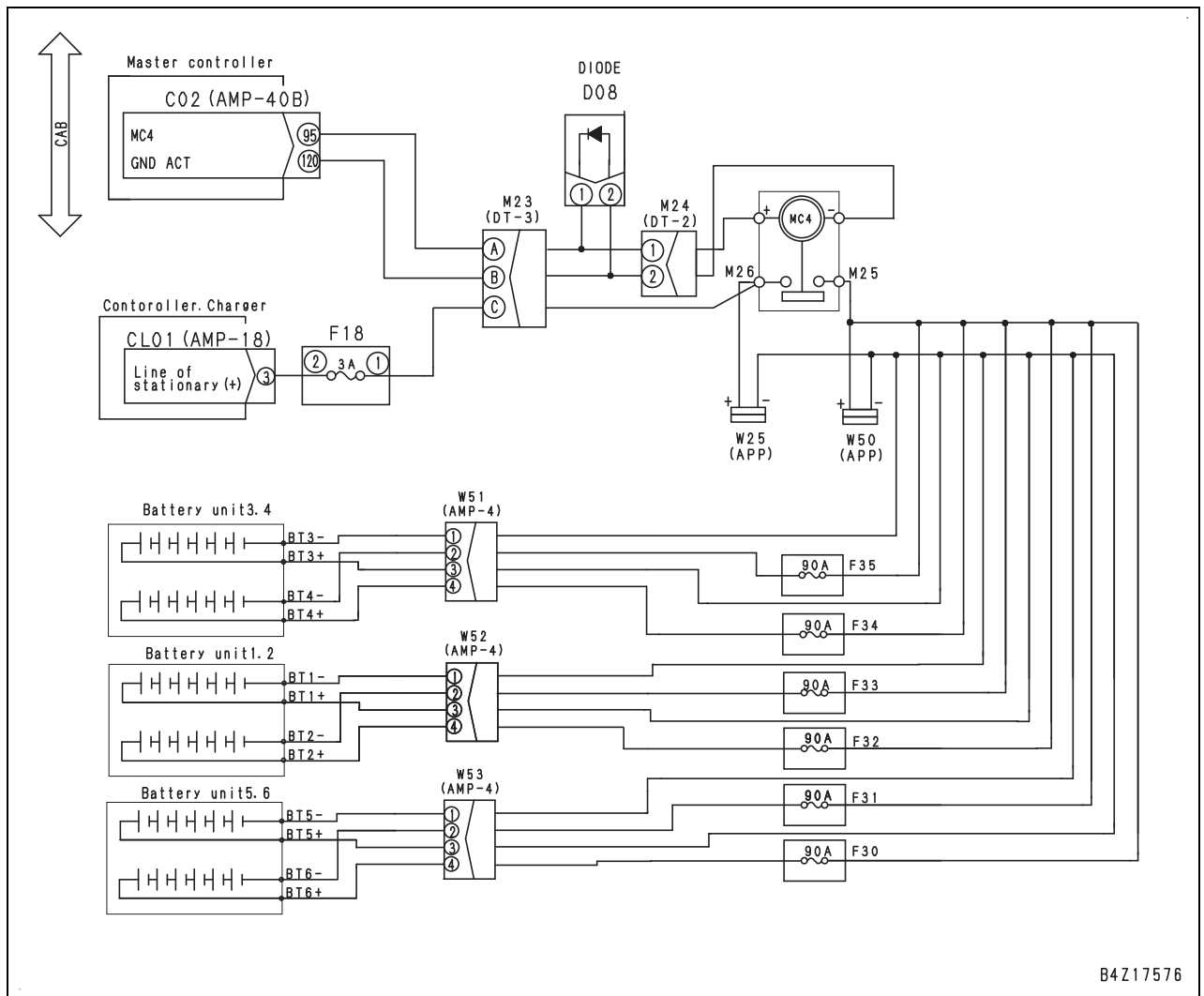


Failure code [DBN7KB] SHORT_P) MC4 (M/C)

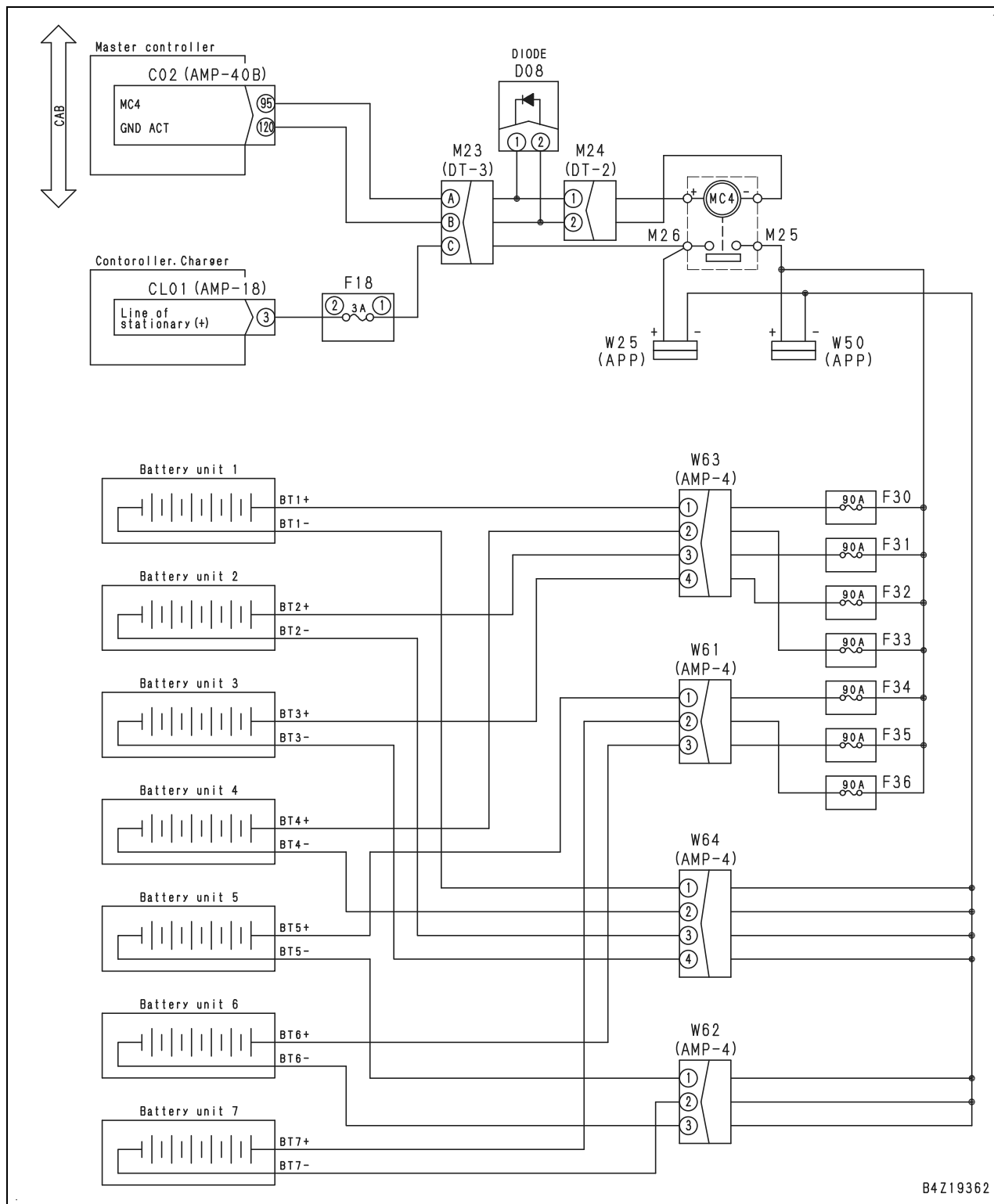
Action level	Failure code	Failure	MC4 melting (Master controller system)
L03	DBN7KB		
Detail of failure	As the main contact part (MC4) has failed due to melting, abnormal voltage occurred in the charger system voltage when the main contact part (MC4) output is ON.		
Action of controller	Stops charging.		
Problem on lift truck	Battery cannot be charged.		
Related information	- The charger system voltage can be checked using the monitoring function. (Code: 56550(V)) - Method of reproducing failure code: Turn the starting switch to ON position.		

No.	Cause	Procedure, measuring location, criteria and remarks	
1	Defective main contact part (MC4) (Contact melting)	- Turn the starting switch to OFF position. - Check that the system operating lamp is turned off, then disconnect the battery plug. - Unplug the following connectors. [FE25-1, FE25H-1]: W51, W52, W53 [FE30-1]: W61, W62, W63, W64 - Disconnect connectors M25 and M26, and measure the resistance.	
		Resistance	Between M25 (at contact part side) and M26 (at contact part side) Min. 1 MΩ
2	Hot short circuit in wiring harness	- Turn the starting switch to OFF position. - Check that the system operating lamp is turned off, then disconnect the battery plug. - Unplug the following connectors. [FE25-1, FE25H-1]: W51, W52, W53 [FE30-1]: W61, W62, W63, W64 - Disconnect connectors M25 and M26, and measure the resistance.	
		Resistance	Between M25 (at harness side) and M26 (at harness side) Min. 1 MΩ
3	Defective charging controller	If no failure is found by the above checks, the charging controller is defective. (Since this is an internal defect, troubleshooting cannot be performed).	
4	Defective master controller	If no failure is found by the above checks, the master controller is defective. (Since this is an internal defect, troubleshooting cannot be performed).	

**Circuit diagram related to Main Contactor 4
[FE25-1], [FE25H-1]**



[FE30-1]



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