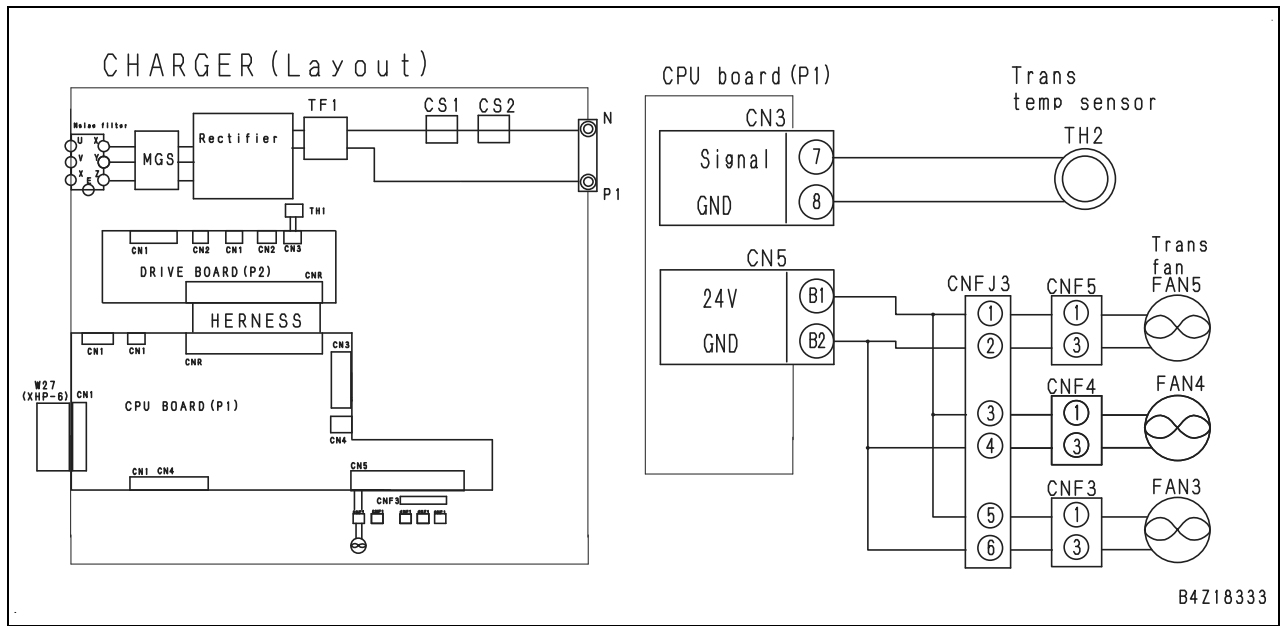


Failure code [GFAF00] HIGH) Temp. TRANS. (CHGR) (Serial number: 300001 to 304911)

Action level	Failure code	Failure	Charger transformer temperature alarm (Charger system)
L03	GFAF00		
Detail of failure	The heatsink input temperature of the charger exceeded 110°C.		
Action of controller	- Normal operation until 1 second of detection - Displays the caution symbol on the monitor panel when detection is continued for 1 second, and limits the charging current to 60% of normal current. - When the detection temperature drops below 105°C, the truck is recovered to the normal state.		
Problem on lift truck	The charging current drops, and the charging time increases.		
Related information	- The transformer temperature input can be checked using the monitoring function. (Code: 56553(°C)). - Method of reproducing failure code: The charger enters the charging mode.		

No.	Cause	Procedure, measuring location, criteria and remarks	
1	Failure of electric room cooling fan	1. Unplug the charger plug, and turn OFF the breaker of AC power breaker. When 10 minutes or more have passed, open the charger cover.)	
		If any of harness disconnection, connector breakage, or damage of fan blades is found, the fan is defective.	
2	Clogged filter or wire mesh	Check the filter replacement time or cleaning time.	
		Dust filter (STD) replacement time	24 months
		Dust filter (STD) cleaning time	6 months
		Desalting filter (OPT) replacement time	6 months
		Wire mesh cleaning time	6 months
3	Incorrect charger installation position	Check the charger installation position.	
		Height from the floor	250 mm or more
		Distance from walls	250 mm or more
4	Transformer cooling fan is defective.	If any of harness disconnection, connector breakage, or damage of fan blades is found, the fan is defective.	
5	Defective charger	If no failure is found by the above checks, the charger is defective. (Since this is an internal defect, troubleshooting cannot be performed.)	

Circuit diagram related to transformer temperature sensor



Failure code [GFAF00] HIGH) Temp. TRANS. (CHGR) (Serial number: 304912 and up)

Action level	Failure code	Failure	Charger transformer temperature alarm (Charger system)
L03	GFAF00		
Detail of failure	The heatsink input temperature of the charger exceeded 110°C.		
Action of controller	- Normal operation until 1 second of detection - Displays the caution symbol on the monitor panel when detection is continued for 1 second, and limits the charging current to 60% of normal current. - When the detection temperature drops below 105°C, the truck is recovered to the normal state.		
Problem on lift truck	The charging current drops, and the charging time increases.		
Related information	- The transformer temperature input can be checked using the monitoring function. (Code: 56553(°C)). - Method of reproducing failure code: The charger enters the charging mode.		

No.	Cause	Procedure, measuring location, criteria and remarks	
1	Failure of electric room cooling fan	1. Unplug the charger plug, and turn OFF the breaker of AC power breaker. When 10 minutes or more have passed, open the charger cover.)	
		If any of harness disconnection, connector breakage, or damage of fan blades is found, the fan is defective.	
2	Clogged filter or wire mesh	Check the filter replacement time or cleaning time.	
		Dust filter (STD) replacement time	12 months
		Dust filter (STD) cleaning time	6 months
		Desalting filter (OPT) replacement time	6 months
		Wire mesh cleaning time	6 months
3	Incorrect charger installation position	Check the charger installation position.	
		Height from the floor	250 mm or more
		Distance from walls	250 mm or more
4	Defective charger	If no failure is found by the above checks, the charger is defective. (Since this is an internal defect, troubleshooting cannot be performed.)	

Circuit diagram related to transformer temperature sensor

