

Failure code [D160KY] SHORT_P) Back Lamp RLY

Action level	Failure code	Failure	Short Circuit of Backup Lamp Relay Output (master controller system)
L01	D160KY		
Detail of failure	Output voltage ≥ 7 V is detected for 100 milliseconds continuously while relay output is OFF.		
Action of controller	- Turns OFF the backup lamp relay output. [Resetting condition] - Turn the starting switch to OFF position or set to charge mode.		
Problem on lift truck	Backup lamp stays lit.		
Related information	- This is not detected in charging mode. - This failure code detects failure on coil side of backup lamp relay, but not on contact side. - Method of reproducing failure code: Turn the starting switch to ON position (with directional lever in N position).		

No.	Cause	Procedure, measuring location, criteria and remarks		
1	Hot short circuit in wiring harness	1. Turn the starting switch to OFF position. 2. Check that system operating lamp is turned OFF, and then disconnect battery plug. 3. Remove relay R35. 4. Connect battery plug. 5. Turn the starting switch to ON position.		
		Voltage	Between R35 (female) (1) and (2)	Max.1V
2	Defective master controller	Defective master controller (Since this is an internal defect, troubleshooting cannot be performed.)		

Circuit diagram related to backup lamp relay

