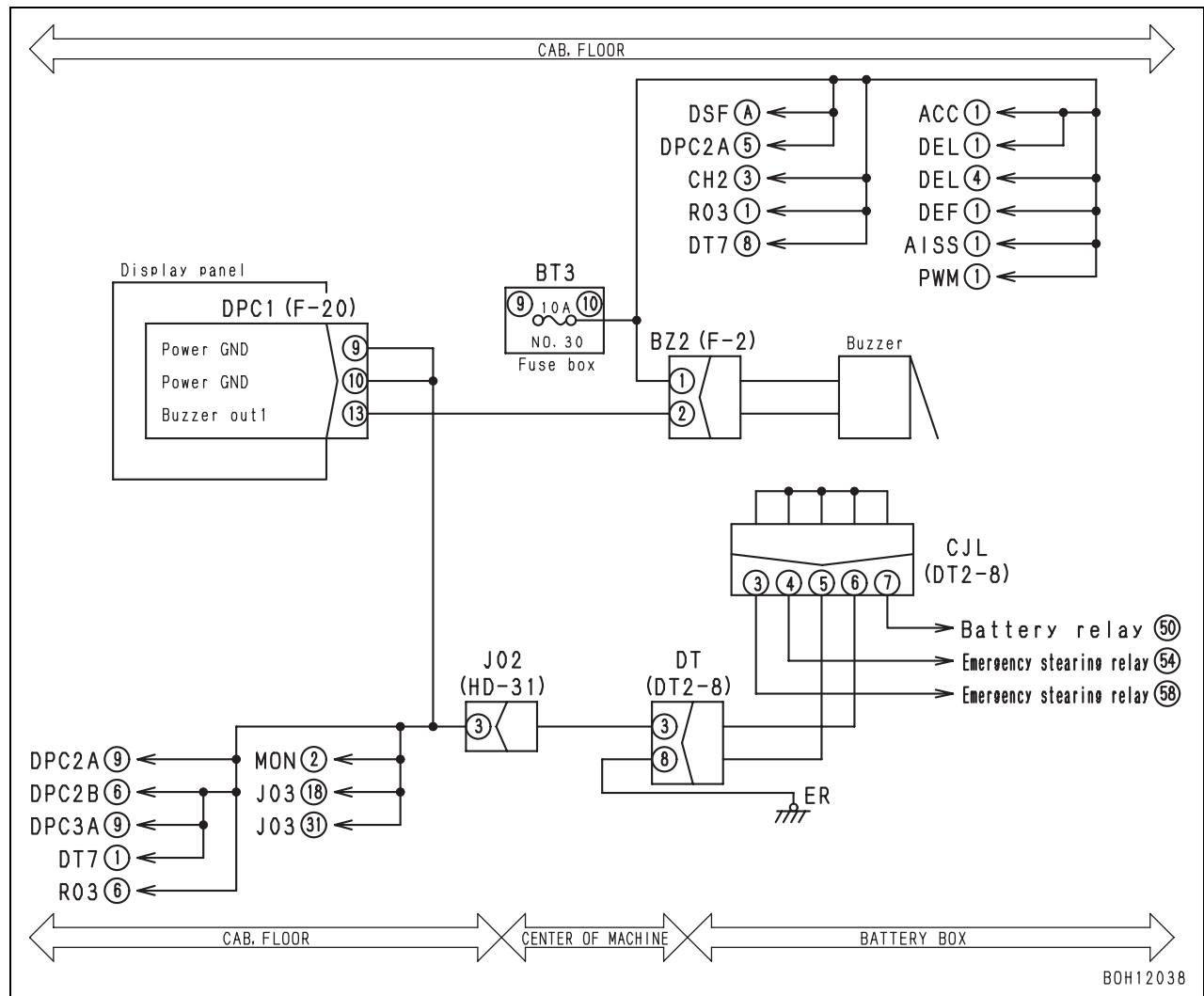


Circuit diagram related to alarm buzzer

★ Display panel is the same as machine monitor.



Failure code [DW72KZ] Trouble (Disconnection or ground fault) in kick-out solenoid output system

Action code	Failure code	Trouble	Trouble (Disconnection or ground fault) in kick-out solenoid output system (Transmission controller system)
E01	DW72KZ		
Contents of trouble	<ul style="list-style-type: none"> When output to dump lever kick-out solenoid circuit is turned ON, more current flows. When output to dump lever kick-out solenoid circuit is turned ON, no current flows. When output to dump lever kick-out solenoid circuit is turned OFF, some current flows. 		
Action of controller	<ul style="list-style-type: none"> Turns output to dump lever kick-out solenoid OFF. 		
Problem that appears on machine	<ul style="list-style-type: none"> Dump lever detent lock does not work. 		
Related information	<ul style="list-style-type: none"> Operation signal of dump lever kick-out solenoid can be checked with monitoring function. (Monitoring code: TRANSMISSION - D-OUT-0-----7 - 40949) Method of reproducing failure code: Start engine + Operate dump lever to raise body. 		

Possible causes and standard value in normal state	Cause		Standard value in normal state/Remarks on troubleshooting			
	1	Defective dump lever kick-out solenoid (Internal defect)	★ Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch ON.			
			LK0 (male)		Resistance	
			Between (1) – (2)		39 Ω ± 5 %	
			Between (1), (2) – chassis ground		Min. 1 MΩ	
	2	Disconnection in wiring harness (Disconnection in wiring or defective contact in connector)	★ Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch ON.			
			Wiring harness between ATC3 (female) (3) – LK0 (female) (2)		Resistance	Max. 1 Ω
			Wiring harness between ATC3 (female) (38) – LK0 (female) (1)		Resistance	Max. 1 Ω
	3	Ground fault in wiring harness (Short circuit with GND circuit)	★ Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch ON.			
			Wiring harness between ATC3 (female) (3) – LK0 (female) (2)		Resistance	Min. 1 MΩ
			Wiring harness between ATC3 (female) (38) – LK0 (female) (1)		Resistance	Min. 1 MΩ
	4	Hot short (Short circuit with 24 V circuit) in wiring harness	★ Prepare with starting switch OFF, then turn starting switch ON and carry out troubleshooting.			
			Wiring harness between ATC3 (female) (3) – LK0 (female) (2)		Voltage	Max. 1 V
			Wiring harness between ATC3 (female) (38) – LK0 (female) (1)		Voltage	Max. 1 V
	5	Defective transmission controller	★ Prepare with starting switch OFF, then carry out troubleshooting without turning starting switch ON.			
			ATC3 (female)		Resistance	
			Between (38) – chassis ground		39 Ω ± 5 %	