

**TABLE 3-1. DIRECT AND GENERAL SUPPORT TROUBLESHOOTING (CONTD)**

MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
Step 3.	Ensure that the cable shields are connected properly. (Refer to pages 1-45, 1-46, 1-47). If OK go to Step 4.	a. Connect cable shields correctly.
Step 4.	Determine which component of the crane electric system is spiked out (e.g. dump valve, outrigger relay).	a. Install diode or varistor across terminals of spiking components. Diode type such as IN4001 can be used (watch + and - connection for diode).
9.	<u>ERROR CODE E05 DISPLAYED ON THE CONSOLE.</u>	
Step 1.	Boom length range exceeded. a. Length sensor adjustment changed. (Refer to Malfunction No. 4).	
10.	<u>ERROR CODE E07 DISPLAYED ON THE CONSOLE.</u>	
Step 1.	No acknowledgement signal from overload relay (K1). a. Replace defective overload relay (K1) on the terminal board. (Refer to page 1-48).	
11.	<u>ERROR CODE E08 DISPLAYED ON THE CONSOLE.</u>	
Step 1.	No acknowledgement signal from Anti-Two-Block switch relay (K2). a. Replace defective Anti-Two-Block switch relay (K2) on the terminal board. (Refer to page 1-48).	