

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

	MALFUNCTION	TEST OR INSPECTION	CORRECTIVE ACTION
21.	ERROR CODE E29 DISPLAYED ON THE CONSOLE.		
	Step 1.	Error in reference voltage.	
		a.	Defective main board. Replace main board and reset pressure channels. (Refer to page 2-6).
		b.	Check external load moment indicator wiring for short circuit. (Refer to page 1-23). Repair as necessary.
22.	ERROR CODE E31 DISPLAYED ON THE CONSOLE.		
	Step 1.	Error in system program.	
		a.	Replace EPROM with system program. Ensure that notch on EPROMs match notch on sockets. Notch should be in the down position. (Refer to page 1-43).
23.	ERROR CODE E38 DISPLAYED ON THE CONSOLE.		
	Step 1.	Incorrect system program.	
		a.	Replace EPROM with correct version of system program. Ensure that notch on EPROMs match notch on sockets. Notch should be in the down position. (Refer to page 1-43).
24.	ERROR CODE E41 DISPLAYED ON THE CONSOLE.		
	Step 1.	Error in external RAM.	
		a.	Defective main board. Replace main board and reset pressure channels. (Refer to page 2-6).
25.	ERROR CODE E42 DISPLAYED ON THE CONSOLE.		
	Step 1.	Error in external write/read memory (RAM).	
		a.	Defective main board. Replace main board and reset pressure channels. (Refer to page 2-6).