

Troubleshooting

Symptom-to-System Chart

PROBLEM CODE		PROBLEMATIC COMPONENT/ SYSTEM	AFFECTED				See page	OTHER COMPONENT	See page	
MAIN CODE	SUB CODE		FRONT RIGHT	FRONT LEFT	REAR RIGHT	REAR LEFT				
1	-	Hydraulic Controlled Component	-	-	-	-	13-38	-No.20 fuse -Motor relay -Pressure Switch -Accumulator -Modulator	13-67	
2	-	Parking brake switch-related problem	-	-	-	-	13-41	Brake fluid level switch BRAKE light		
3	1	Front fail safe relay	-	-	-	-	13-67 (Function Test)			
	2	Rear fail safe relay	-	-	-	-				
3	13	Pulser (s)	○				---			
	14			○						
	15				○	○				
4	4	Speed sensor(s)			○		13-42	Modulator		
	8					○				
	12				○	○				
5 or 6 or 7	1	Speed sensor	○				13-43			
	2			○						
	4				○					
	8					○				
8	1	Front solenoid related problem (Open)	IN				13-44			
	2		OUT					Front R speed sensor	13-43	
	3		BOTH							
	4			IN						
	8			OUT					Front L speed sensor	13-43
	12			BOTH						
	15	Front fail safe relay	BOTH	BOTH			13-45	Solenoids misconnected		



PROBLEM CODE		PROBLEMATIC COMPONENT/ SYSTEM	AFFECTED			See page	OTHER COMPONENT	See page	
MAIN CODE	SUB CODE		FRONT RIGHT	FRONT LEFT	REAR				
9	—	Solenoid related problem (Open)			IN	13-47	Rear speed sensors	13-43	
10	—				OUT				
11	—				BOTH	13-48	Rear fail safe relay	13-67	
11	3		BOTH		BOTH	—			
	12			BOTH	BOTH				
	15		BOTH	BOTH	BOTH				
12	1	Solenoid related problem (Short)	IN			13-50	No.29 fuse		
	2		OUT						
	3		BOTH			13-51			
	4	Power supply problem		IN		13-50	No.27 fuse		
	8			OUT					
	12			BOTH		13-52			
	15		BOTH	BOTH		—			No.29 and/or No.27 fuse(s)
13	—	Solenoid related problem (Short)			IN	13-53	No.29 fuse		
14	—				OUT				
15	—				BOTH				
15	3		BOTH		BOTH	—			No.27 fuse
	12			BOTH	BOTH				No.29 and/or No.27 fuse(s)
LED stays ON:			BOTH	BOTH	BOTH				

NOTE: The control unit can display a number of sub-codes other than those listed. Such sub-codes indicate unlikely combinations of multiple component failures, or more likely, a problem in a wire or connector common to a group of components. To troubleshoot, refer to the procedures for other sub-codes with the same main code.