

# 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	-	-	-	-	13-50	-ALB fuse -Motor relay -Pressure Switch -Accumulator -Modulator	13-84	
2	-	Parking brake switch-related problem	-	-	-	-	13-53	Brake fluid level switch <b>BRAKE</b> light		
3	1	Front fail safe relay	-	-	-	-	13-84 (Function Test)			
	2	Rear fail safe relay	-	-	-	-				
3	13	Pulser (s)	○				—			
	14			○						
	15				○	○				
4	4	Speed sensor(s)			○		13-54	Modulator		
	8				○					
	12				○	○				
5 or 6 or 7	1	Speed sensor	○				13-55			
	2			○						
	4				○					
	8					○				
8	1	Front solenoid related problem (Open)	IN				13-56			
	2		OUT					Front R speed sensor	13-55	
	3		BOTH							
	4			IN						
	8			OUT					Front L speed sensor	13-55
	12			BOTH						
	15	Front fail safe relay	BOTH	BOTH			13-57	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	13-59	Rear speed sensors	13-55
10	—				OUT			
11	—				BOTH	13-60	Rear fail safe relay	13-86
11	3		BOTH		BOTH	—		
	12			BOTH	BOTH			
	15		BOTH	BOTH	BOTH		Front or rear fail safe relay	
12	1	Solenoid related problem (Short)	IN			13-62		
	2		OUT					
	3		BOTH			13-63	No.28 fuse	
	4	Power supply problem		IN		13-62		
	8			OUT				
	12			BOTH		13-64	No.26 fuse	
	15		BOTH	BOTH		—	No.28 and/or No.26 fuse	
13	—	Solenoid related problem (Short)			IN	13-65		
14	—				OUT			
15	—				BOTH		No.28 fuse	
15	3		BOTH		BOTH			
	12			BOTH	BOTH			
LED stays ON:				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.