

1992 - 1996 Corvette: ABS/ASR Fault Codes and Parameters

Source: Corvette ABS/ASR Operation and Diagnosis, STG Manual 13003.02-1

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Code-Based Diagnosis

Code	Description	Disable
21	RF Wheel Speed Sensor Fault	ABS/ASR
23	RF Wheel Speed Sensor Continuity Fault	ABS/ASR
25	LF Wheel Speed Sensor Fault	ABS/ASR
27	LF Wheel Speed Sensor Continuity Fault	ABS/ASR
28	Wheel Speed Sensor Frequency Error	ABS/ASR
31	RR Wheel Speed Sensor Fault	ABS/ASR
23	RR Wheel Speed Sensor Continuity Fault	ABS/ASR
35	LR Wheel Speed Sensor Fault	ABS/ASR
37	RF Wheel Speed Sensor	ABS/ASR

	Continuity Fault	
41	RF Value Solenoid Fault	ABS/ASR
44	Pilot Valve Solenoid Fault	ABS/ASR
45	LF Valve Solenoid Fault	ABS/ASR
51	RR Valve Solenoid Fault	ABS/ASR
55	LR Valve Solenoid Fault	ABS/ASR
57	Cruise Control Output Monitoring Fault	ASR
58	EBCM Internal Adjuster Assembly Fault	ASR
61	Pump Motor or Pump Motor Relay Fault	ABS/ASR
62	Tach Pulses Fault	ASR
63	Valve Solenoid Relay Circuit Fault	ABS/ASR
64	Throttle Position Signal Fault	ASR
65	Adjuster Assembly Fault	ASR
66	Adjuster Assembly Control Fault	ASR
71	EBCM Internal Fault	ABS/ASR
72	Serial Data Link Fault	ASR
73	Spark Retard Monitoring Fault	ASR
74	Low Voltage	ABS/ASR
75	Lateral Accelerometer Wiring Fault	ABS/ASR
76	Lateral Accelerometer	ASR

	Signal Out of Range	
83	Brake Fluid Level Low	ABS/ASR

*EBCM: Electronic Brake Control Module

ABS/ASR Fault Code Parameters

Description	Code Number(s)	Parameters
Speed Sensor Faults	21, 25, 31, 35	Circuit or sensor problem with ignition "ON" and vehicle in motion.
Speed Sensor Frequency Fault	28	Error as above, but individual sensor or circuit not identified.
Speed Sensor Continuity Faults	23, 27, 33, 37	Circuit or sensor problem with ignition "ON" and vehicle at rest.
Valve Solenoid Faults	41, 45, 51, 55	Solenoid position not as commanded.
Pilot Valve Solenoid Faults	44	Solenoid position not as commanded.
Cruise Control Output Monitoring Fault	57	Cruise control cutoff relay not as commanded.
EBCM Internal Adjuster Assembly Fault	58	Loss of microprocessor communication inside EBCM.
Pump Motor or Pump Motor Relay Fault	61	Voltage at relay without EBCM command or voltage not at relay

		within 60 milliseconds of command..
Tach Pulses Fault	62	Engine RPM input lost.
Valve Solenoid Relay Circuit Fault	63	Voltage at relay not correct as commanded.
Throttle Position Signal Fault	64	TPS signal not present or out of range.
Adjuster Assembly Fault	65	Circuits to motor open or shorted.
Adjuster Assembly Control Fault	66	Current at motor too high (over 16 amps for 3 seconds) before reaching commanded position.
EBCM Internal Fault	71	Internal problem detected in self-testing.
Serial Data Link Fault	72	3 consecutive data link transmission errors.
Spark Retard Monitoring Fault	73	Open or short in ignition retard request circuit to ECM.
Low Voltage	74	EBCM power input below 9.0 volts.
Lateral Accelerometer Wiring Fault	75	Open or short on any of the lateral accelerometer circuits.
Lateral Accelerometer signal Out of Range	76	Rating greater than 0.6g for an extended period of time.
Brake Fluid Level Low	83	Fluid level sensor or circuit indicates low fluid.

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