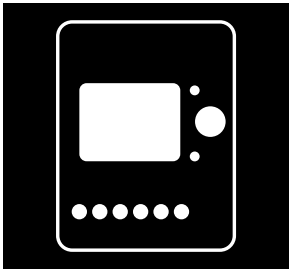

DTC Summaries

Electromechanical Airbag SRS: XK8 1997 ON

DTCs are stored in the diagnostic module nonvolatile memory and can be accessed only through the DLC (diagnostic link connector) using PDU.

⚠ CAUTION: Measuring the resistance of airbag circuits may cause airbag deployment. Refer to the service literature for safe testing procedures. Observe all safety precautions when diagnosing or repairing airbag SRS systems.

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVATED	POSSIBLE CAUSES
B1342	Internal diagnostic module fault	Switch ignition ON for more than 10 seconds	YES	Diagnostic module failure
B1867	B+ voltage supply low (< 5 V) (Repair causes of any other logged DTCs before repairing B1867)	Switch ignition ON for more than 10 seconds	YES	B+ voltage to diagnostic module circuit: open circuit, high resistance or short circuit to ground
B1869	Diagnostic module "beeps" 5 times every 30 minutes (Repair causes of any other logged DTCs before repairing B1869)	Switch ignition ON	—	AIRBAG SRS MIL failure plus additional airbag SRS system faults; Refer to "No AIRBAG SRS MIL" near the end of this summary
B1913	Airbag circuit short circuit (DTC 1913 will cause airbag SRS system 10 A battery fuse to open circuit, flagging DTC B1867. Repair cause of DTC B1913 first.)	Switch ignition ON for more than 3 minutes.	YES	Passenger or driver airbag to diagnostic module: short circuit to ground Passenger or driver airbag: internal short circuit to ground Driver airbag cassette: short circuit to ground Diagnostic module to impact sensor voltage supply circuit: high resistance or short circuit to ground Impact sensor to airbag circuits: short circuit to ground Impact sensor to ground: high resistance
B1914	Impact sensor circuit short circuit to ground (DTC B1914 will cause airbag SRS system 10 A battery fuse to open circuit, flagging DTC B1867. Repair cause of DTC B1914 first.)	Switch ignition ON for more than 3 minutes.	YES	Diagnostic module to impact sensor voltage supply circuit: open circuit, high resistance or short circuit to ground Impact sensor failure
B1921	Diagnostic module poor ground (> 3.0 Ω)	Switch ignition ON for more than 10 seconds.	YES	Diagnostic module to vehicle ground: high resistance Diagnostic module failure
B1922	Safing sensor voltage high (> 5 V)	Switch ignition ON for more than 10 seconds.	YES	Charging system voltage above 17 V Diagnostic module to airbag harness: short circuit to B+ voltage Cable reel cassette: short circuit to B+ voltage Diagnostic module failure
B1923	Diagnostic module fault (memory clear circuit)	Switch ignition ON for 30 seconds	YES	Diagnostic module failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVATED	POSSIBLE CAUSES
B1924	Diagnostic module "fuse blow" circuit fault	Switch ignition ON for more than 3 minutes.	YES	Diagnostic module B+ voltage supply circuit: open circuit or high resistance Diagnostic module to impact sensor circuits: open circuit or high resistance Impact sensor ground circuit: high resistance Impact sensor failure Diagnostic module failure
B1932	Driver airbag circuit high resistance (above 3.5 Ω)	Switch ignition ON for more than 30 seconds.	YES	Diagnostic module to driver side cable reel cassette harness: open circuit or high resistance Cable reel cassette: open circuit or high resistance Driver side airbag: open circuit or high resistance Diagnostic module failure
B1933	Passenger airbag circuit high resistance (above 2.5 Ω)	Switch ignition ON for more than 30 seconds	YES	Diagnostic module to passenger side airbag harness: open circuit or high resistance Passenger side airbag: open circuit or high resistance Diagnostic module failure
B1934	Driver airbag circuit low resistance (below 1 Ω)	Switch ignition ON for more than 30 seconds.	YES	Diagnostic module to driver side cable reel cassette harness: short circuit Driver side cable reel cassette: short circuit Driver side airbag: short circuit Diagnostic module failure
B1935	Passenger airbag circuit low resistance (below 0.7 Ω)	Switch ignition ON for more than 30 seconds.	YES	Diagnostic module to passenger side airbag harness: short circuit Passenger side airbag: short circuit Diagnostic module failure
B1941	Right side impact sensor supply circuit high resistance	Switch ignition ON for more than 30 seconds.	YES	Diagnostic module to impact sensor harness circuits: open circuit, high resistance or short circuit to B+ voltage Impact sensor failure Diagnostic module failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVATED	POSSIBLE CAUSES
B1942	Left side impact sensor supply circuit high resistance	Switch ignition ON for more than 30 seconds.	YES	Diagnostic module to impact sensor harness circuits: open circuit, high resistance or short circuit to B+ voltage Left impact sensor failure Diagnostic module failure
B1944	Right impact sensor poor ground	Switch ignition ON for more than 30 seconds.	YES	Sensor to body grounds: loose or corroded Sensor to diagnostic module harness sensor ground circuit: high resistance or open circuit Sensor failure Diagnostic module failure
B1945	Left impact sensor poor ground	Switch ignition ON for more than 30 seconds.	YES	Sensor to body grounds: loose or corroded Sensor to diagnostic module harness sensor ground circuit: high resistance or open circuit Sensor failure Diagnostic module failure
No DTC	No AIRBAG SRS MIL	Switch ignition ON.	—	AIRBAG SRS MIL bulb failure Ignition auxiliary switched circuit to diagnostic module: no voltage or open circuit Instrument pack to diagnostic module AIRBAG SRS MIL circuit: open circuit Diagnostic module failure Instrument pack failure
No DTC	AIRBAG SRS MIL stays ON constantly with ignition ON	Switch ignition ON for more than 10 seconds.	YES	Instrument pack to diagnostic module AIRBAG SRS MIL circuit: open circuit or high resistance Ignition switched voltage to diagnostic module: open circuit, high resistance or short circuit to ground Diagnostic module failure
No DTC	AIRBAG SRS MIL flashes continuously (DTCs B1941, B1942, B1944 and B1945 logged)	Switch ignition ON for more than 10 seconds.	CONTINUOUS FLASHING	Both impact sensors disconnected Main wiring harness disconnected