



DTC Summaries

Electronic Airbag SRS: Single Point Sensor – XJ8 1998 ON

DTCs are stored in the Single Point Sensor module nonvolatile memory and can be accessed only through the DLC (data 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 ACTIVE	POSSIBLE CAUSES
B1414	Incorrect components	Switch ignition on for more than 20 seconds	YES	Incorrect components fitted Single Point Sensor module failure
B1342	Single Point Sensor module internal fault or module crash record full	Switch ignition ON for more than 10 seconds:	YES	Single Point Sensor module has logged three impact events Single Point Sensor module failure
B1865	SRS system voltage low (< 8.3 V)	Run engine for more than 30 seconds at greater than 1600 rpm	YES	Airbag SRS voltage supply fuse open circuit Single Point Sensor module voltage supply harness; open circuit, high resistance, short circuit to ground Charging system low voltage output
B1866	SRS system voltage high (> 18.3 V)	Run engine for more than 30 seconds at greater than 1600 rpm	YES	Charging system high voltage output
B1869	AIRBAG SRS MIL circuit open circuit Note: If another DTC is logged when the AIRBAG / SRS MIL is not functioning, a five beep audible warning will sound every 30 minutes during vehicle operation.	Switch ignition on for more than 20 seconds	YES	AIRBAG SRS MIL lamp open circuit Single Point Sensor to instrument pack harness; open circuit or high resistance Instrument pack failure
B1870	AIRBAG SRS MIL circuit short circuit Note: If another DTC is logged when the AIRBAG / SRS MIL is not functioning, a five beep audible warning will sound every 30 minutes during vehicle operation.	Switch ignition on for more than 30 seconds	YES	Single Point Sensor module to instrument pack harness; short circuit to B+ voltage Instrument pack failure
B1877	Driver seat belt pretensioner circuit open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver seat belt pretensioner harness; open circuit or high resistance Driver seat belt pretensioner failure
B1878	Driver seat belt pretensioner circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver seat belt pretensioner harness; short circuit to B+ voltage Driver seat belt pretensioner failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVE	POSSIBLE CAUSES
B1879	Driver seat belt pretensioner circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver seat belt pretensioner harness; short circuit to ground Driver seat belt pretensioner failure
B1881	Passenger seat belt pretensioner circuit open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger seat belt pretensioner harness; open circuit or high resistance Passenger seat belt pretensioner failure
B1882	Passenger seat belt pretensioner circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger seat belt pretensioner harness short circuit to B+ voltage Passenger seat belt pretensioner failure
B1883	Passenger seat belt pretensioner circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger seat belt pretensioner harness short circuit to ground Passenger seat belt pretensioner failure
B1885	Driver seat belt pretensioner low resistance	Switch ignition on for more than 20 seconds	YES	Single Point Sensor to driver seat belt pretensioner harness short circuit to ground Driver seat belt pretensioner failure
B1886	Passenger seat belt pretensioner low resistance	Switch ignition on for more than 20 seconds	YES	Single Point Sensor to passenger seat belt pretensioner harness short circuit to ground Passenger seat belt pretensioner failure
B1887	Driver airbag circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver airbag harness short circuit to ground Driver airbag cable reel cassette short circuit to ground Driver airbag failure
B1888	Passenger airbag circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger airbag harness short circuit to ground Passenger airbag failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVE	POSSIBLE CAUSES
B1916	Driver airbag circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver airbag harness short circuit to B+ voltage Driver airbag cable reel cassette short circuit to B+ voltage Driver airbag short circuit to B+ voltage
B1925	Passenger airbag circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger airbag harness short circuit to B+ voltage Passenger airbag short circuit to B+ voltage
B1932	Driver airbag circuit open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver airbag harness; open circuit or high resistance Driver airbag cable reel cassette; open circuit or high resistance Driver airbag failure
B1933	Passenger airbag circuit open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger airbag harness; open circuit or high resistance Passenger airbag failure
B1934	Driver airbag circuit low resistance	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to driver airbag harness short circuit to ground Driver airbag cable reel cassette short circuit between airbag power and ground supply Driver airbag failure
B1935	Passenger airbag circuit low resistance	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to passenger airbag harness short circuit to ground Passenger airbag failure
B1992	Side driver airbag circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag harness short circuit to B+ voltage Side driver airbag short circuit to B+ voltage
B1993	Side driver airbag circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag harness short circuit to ground Side driver airbag failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVE	POSSIBLE CAUSES
B1994	Side driver airbag open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag harness short circuit to ground Side driver airbag failure
B1995	Side driver airbag circuit short circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag harness short circuit between power and ground supply Side driver airbag failure
B1996	Side passenger bag circuit short circuit to B+ voltage	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag harness short circuit to B+ voltage Side passenger airbag failure
B1997	Side passenger airbag circuit short circuit to ground	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag harness short circuit to ground Side passenger airbag failure
B1998	Side passenger airbag circuit open circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag harness; open circuit or high resistance Side passenger airbag failure
B1999	Side passenger airbag circuit short circuit	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag harness short circuit between power and ground supply Side passenger airbag failure
B2444	Side driver airbag impact sensor fault	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag impact sensor harness; open circuit, high resistance, short circuit to ground or B+ voltage Impact sensor failure
B2445	Side passenger airbag impact sensor fault	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag impact sensor harness; open circuit, high resistance, short circuit to ground or B+ voltage Impact sensor failure

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	MIL ACTIVE	POSSIBLE CAUSES
U2017	Side driver airbag impact sensor communications fault	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side driver airbag impact sensor; open circuit, high resistance or short circuit to ground Side driver impact sensor failure
U2018	Side passenger airbag impact sensor communications fault	Switch ignition on for more than 20 seconds	YES	Single Point Sensor module to side passenger airbag impact sensor; open circuit, high resistance or short circuit to ground Side passenger impact sensor failure