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# Chassis DTC Summaries

## Quick Reference Diagnostic Guide

Jaguar XJ Range 2003.5 Model Year

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Refer to pages 2 and 3 for important information regarding the use of "Chassis DTC Summaries".

## KEY TO COLUMN HEADINGS

DTC	Diagnostic Trouble Code.
CM	The control module(s) the DTC is associated with. Refer to page 3.
SYSTEM	The vehicle system the DTC is associated with. Refer to the applicable Electrical Guide Figure for circuit details.
FAULT DESCRIPTION	Fault description. If available, customer symptom (complaint) information is provided in this column.
MIL	Y = MIL (warning indicator) is activated. N = MIL (warning indicator) is not activated. M = Message displayed.
CM PIN	Control module connector pin number(s).
POSSIBLE CAUSES	Suggested possible causes listed in order of probability.

**REFERENCE: It is recommended that the applicable “Electrical Guide” be referenced when using the information contained in this document.**

## CONTROL MODULE AND GENERAL ACRONYMS

AMP	Power Amplifier
ASCM	Adaptive Speed Control Module
ASM	Air Suspension Module
AUDIO	Audio Unit
CATS	Computer Active Suspension
CCM	Climate Control Module
CPM	Cellular Phone Module
DDM	Driver Door Module
DSCM	Dynamic Stability Control Module
DSM	Driver Seat Module
ECM	Engine Control Module
FEM	Front Electronic Module
HLM	Headlamp Leveling Module
IC	Instrument Cluster
IS	Intrusion Sensor
JGM	J-Gate Module
MCP	Multimedia Control Panel
NCM	Navigation Control Module
PAM	Parking Aid Module
PATS	Passive Anti-Theft System
PBM	Parking Brake Module
RCCM	Rear Climate Control Module
RCM	Restraints Control Module
REM	Rear Electronic Module
RMM	Rear Memory Module
SCLM	Steering Column Lock Module
TCM	Transmission Control Module
VAM	Voice Activation Module
VICS	Vehicle Information Control System

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1093	DSCM	Dynamic Stability Control	Dynamic Stability Control disable CAN fault	N	EC30 -11 -12 -14 -15	Dynamic Stability Control disable switch (J-Gate) fault Dynamic Stability Control disable CAN message fault
C1094	PBM	Electronic Parking Brake	Parking brake apply switch circuit fault	Y M	CR32 -5 -12	Parking brake apply switch circuit: open circuit, short circuit to B+ voltage
C1095	DSCM	Dynamic Stability Control	DSCM pump failure	Y M	EC30 -1 -47	Pump B+ power supply circuit: open circuit, short circuit to ground Pump ground circuit: open circuit, high resistance DSCM failure
C1137	DSCM	Dynamic Stability Control	DSCM malfunction	Y* M	—	DSCM failure * CHECK ENGINE MIL
C1141	DSCM	Dynamic Stability Control	LH front wheel speed sensor mechanical fault	Y M	—	LH front wheel speed sensor reluctor tooth (teeth) missing or damaged
C1142	DSCM	Dynamic Stability Control	RH front wheel speed sensor mechanical fault	Y M	—	RH front wheel speed sensor reluctor tooth (teeth) missing or damaged
C1143	DSCM	Dynamic Stability Control	LH rear wheel speed sensor mechanical fault	Y M	—	LH rear wheel speed sensor reluctor tooth (teeth) missing or damaged
C1144	DSCM	Dynamic Stability Control	RH rear wheel speed sensor mechanical fault	Y M	—	RH rear wheel speed sensor reluctor tooth (teeth) missing or damaged
C1145	DSCM	Dynamic Stability Control	RH front wheel speed sensor circuit fault	Y* M	EC30 -33 -34	RH front wheel speed sensor circuit: open circuit, short circuit to B+ voltage, short circuit to ground, high resistance RH front wheel speed sensor failure *CHECK ENGINE MIL

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1155	DSCM	Dynamic Stability Control	LH front wheel speed sensor circuit fault	Y* M	EC30 -45 -46	LH front wheel speed sensor circuit: open circuit, short circuit to B+ voltage, short circuit to ground, high resistance LH front wheel speed sensor failure *CHECK ENGINE MIL
C1165	DSCM	Dynamic Stability Control	RH rear wheel speed sensor circuit fault	Y* M	EC30 -42 -43	RH rear wheel speed sensor circuit: open circuit, short circuit to B+ voltage, short circuit to ground, high resistance RH rear wheel speed sensor failure *CHECK ENGINE MIL
C1175	DSCM	Dynamic Stability Control	LH rear wheel speed sensor circuit fault	Y* M	EC30 -36 -37	LH rear wheel speed sensor circuit: open circuit, short circuit to B+ voltage, short circuit to ground, high resistance LH rear wheel speed sensor failure *CHECK ENGINE MIL
C1233	DSCM	Dynamic Stability Control	LH front wheel speed sensor signal missing	Y M	EC30 -45	LH front wheel speed sensor air gap too large LH front wheel speed sensor reductor mechanical damage LH front wheel speed sensor signal circuit: high resistance LH front wheel speed sensor failure
C1234	DSCM	Dynamic Stability Control	RH front wheel speed sensor signal missing	Y M	EC30 -34	RH front wheel speed sensor air gap too large RH front wheel speed sensor reductor mechanical damage RH front wheel speed sensor signal circuit: high resistance RH front wheel speed sensor failure
C1235	DSCM	Dynamic Stability Control	LH rear wheel speed sensor signal missing	Y M	EC30 -43	LH rear wheel speed sensor air gap too large LH rear wheel speed sensor reductor mechanical damage LH rear wheel speed sensor signal circuit: high resistance LH rear wheel speed sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1236	DSCM	Dynamic Stability Control	RH rear wheel speed sensor signal missing	Y M	EC30 -36	RH rear wheel speed sensor air gap too large RH rear wheel speed sensor retractor mechanical damage RH rear wheel speed sensor signal circuit: high resistance RH rear wheel speed sensor failure
C1267	DSCM	Dynamic Stability Control	DSCM anti-lock functions temporarily disabled	Y M	—	DSCM failure Note: Attempt hard reset before replacing DSCM
C1277	DSCM	Dynamic Stability Control	Steering angle sensor circuit(s) fault	Y M	EC30 -3 -5 -6 -7	Steering angle sensor circuit(s): open circuit, intermittent open circuit, short circuit to B+ voltage, short circuit to ground, high resistance Steering angle sensor incorrectly mounted Steering angle sensor loose Steering angle sensor failure
C1279	DSCM	Dynamic Stability Control	Yaw rate sensor circuit(s) fault	Y M	EC30 -5 -7 -25 -29	Yaw rate and lateral acceleration sensors cluster circuit(s): open circuit, intermittent open circuit, short circuit to B+ voltage, short circuit to ground, high resistance Yaw rate sensor failure
C1280	DSCM	Dynamic Stability Control	Yaw rate sensor signal fault	Y M	EC30 -25 -29	Yaw rate and lateral acceleration sensors cluster incorrectly mounted Yaw rate and lateral acceleration sensors cluster loose Yaw rate and lateral acceleration sensors cluster failure
C1281	DSCM	Dynamic Stability Control	Lateral acceleration sensor circuit(s) fault	Y M	EC30 -5 -7 -25 -29	Yaw rate and lateral acceleration sensors cluster circuit(s): open circuit, intermittent open circuit, short circuit to B+ voltage, short circuit to ground, high resistance Lateral acceleration sensor failure
C1282	DSCM	Dynamic Stability Control	Lateral acceleration sensor signal fault	Y M	EC30 -25 -29	Yaw rate and lateral acceleration sensors cluster incorrectly mounted Yaw rate and lateral acceleration sensors cluster loose Yaw rate and lateral acceleration sensors cluster failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1285	DSCM	Dynamic Stability Control	Booster solenoid circuit fault	Y M	EC30 -17 -31	Booster solenoid circuit: open circuit, short circuit to ground Booster solenoid failure
C1286	DSCM	Dynamic Stability Control	Active brake booster mechanical failure	Y M	EC30 -27 -28 -30	Pedal force switch circuit: open circuit, short circuit to ground Pedal force switch failure DSCM failure Active brake booster mechanical failure
C1287	DSCM	Dynamic Stability Control	Pedal force switch circuit fault	Y M	EC30 -27 -28 -30	Pedal force switch circuit: open circuit, short circuit to ground, short circuit to B+ voltage Pedal force switch failure
C1288	DSCM	Dynamic Stability Control	Brake pressure sensor circuit fault	Y M	EC30 -18 -19 -20	Brake pressure sensor circuit: open circuit, short circuit to ground, short circuit to B+ voltage Brake pressure sensor failure
C1291	ASCM	Adaptive Speed Control	ASCM sensor temperature out of range	Y M	—	ASCM sensor too warm or too cold Normal operating temperature: -40 °C – 70 °C (-40 °F – 158 °F)
C1292	ASCM	Adaptive Speed Control	ASCM sensor blocked	Y M	—	Remove blockage from front of sensor
C1293	ASCM	Adaptive Speed Control	ASCM sensor alignment out of range	Y M	—	ASCM sensor alignment incorrect Mechanically realign sensor Perform complete service alignment
C1294	ASCM	Adaptive Speed Control	Active speed or vehicle speed out of range	Y M	—	Other control module (ECM, DSCM, IC, TCM) ASC speed related fault ASCM failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1295	DSCM	Dynamic Stability Control	Steering angle sensor circuit fault	Y M	EC30 -3 -5 -6 -7	Steering angle sensor circuit(s): open circuit, intermittent open circuit, short circuit to B+ voltage, short circuit to ground, high resistance Steering angle sensor failure
C1306	DSCM	Dynamic Stability Control	Steering angle sensor initialization failed	Y M	—	Steering angle sensor encoder ring incorrectly installed Steering angle sensor encoder ring loose Steering angle sensor encoder ring mechanical failure
C1307	DSCM	Dynamic Stability Control	Steering angle sensor encoder ring fault	Y M	EC30 -3 -6	Steering angle sensor encoder ring incorrectly installed Steering angle sensor encoder ring loose Steering angle sensor encoder ring mechanical failure Steering angle sensor signal circuit: short circuit to each other Steering angle sensor failure
C1414	RCM	Advanced Restraint System	Incorrect control module fitted	Y	—	Replace RCM (insure correct part number)
C1416	ASM	Air Suspension	RH front damper actuator drive circuit fault	M (CATS)	CR89 -10	RH front damper actuator drive circuit: short circuit to B+ voltage
C1417	ASM	Air Suspension	RH front damper actuator drive circuit fault	M (CATS)	CR89 -10	RH front damper actuator drive circuit: short circuit to ground
C1419	ASM	Air Suspension	RH front damper actuator drive circuit fault	M (CATS)	CR89 -10	RH front damper actuator drive circuit: open circuit
C1421	ASM	Air Suspension	LH front damper actuator drive circuit fault	M (CATS)	CR89 -1	LH front damper actuator drive circuit: short circuit to B+ voltage
C1422	ASM	Air Suspension	LH front damper actuator drive circuit fault	M (CATS)	CR89 -1	LH front damper actuator drive circuit: short circuit to ground
C1424	ASM	Air Suspension	LH front damper actuator drive circuit fault	M (CATS)	CR89 -1	LH front damper actuator drive circuit: open circuit



DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1425	ASM	Air Suspension	RH rear damper actuator drive circuit fault	M (CATS)	CR89 -11	RH rear damper actuator drive circuit: short circuit to B+ voltage
C1426	ASM	Air Suspension	RH rear damper actuator drive circuit fault	M (CATS)	CR89 -11	RH rear damper actuator drive circuit: short circuit to ground
C1427	ASM	Air Suspension	RH rear damper actuator drive circuit fault	M (CATS)	CR89 -11	RH rear damper actuator drive circuit: open circuit
C1430	ASM	Air Suspension	LH rear damper actuator drive circuit fault	M (CATS)	CR89 -2	LH rear damper actuator drive circuit: short circuit to B+ voltage
C1431	ASM	Air Suspension	LH rear damper actuator drive circuit fault	M (CATS)	CR89 -2	LH rear damper actuator drive circuit: short circuit to ground
C1432	ASM	Air Suspension	LH rear damper actuator drive circuit fault	M (CATS)	CR89 -2	LH rear damper actuator drive circuit: open circuit
C1437	ASM	Air Suspension	Rear vertical accelerometer signal circuit fault	M (CATS)	CR91 -14	Rear vertical accelerometer signal circuit: short circuit to ground
C1438	ASM	Air Suspension	Rear vertical accelerometer signal circuit fault	M (CATS)	CR91 -14	Rear vertical accelerometer signal circuit: short circuit to B+ voltage
C1440	DSCM	Dynamic Stability Control	Brake pressure sensor signal circuit fault	Y M	EC30 -20	Brake pressure sensor signal circuit: open circuit, short circuit to B+ voltage, short circuit to ground Brake pressure sensor failure
C1446	DSCM	Dynamic Stability Control	Stop lamp circuit fault (CAN message)	Y M	EC30 -11 -12 -14 -15	Brake ON / OFF switch circuit fault Brake ON / OFF switch failure Brake ON / OFF switch CAN message fault
C1457	ASM	Air Suspension	Front vertical accelerometer signal circuit fault	M (CATS)	CR91 -17	Front vertical accelerometer signal circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1458	ASM	Air Suspension	Front vertical accelerometer signal circuit fault	M (CATS)	CR91 -17	Front vertical accelerometer signal circuit: short circuit to B+ voltage
C1459	ASCM	Adaptive Speed Control	Forward alert switch and Adaptive Speed Control indicator circuit fault	Y M	EC23 -12	Forward alert switch and Adaptive Speed Control indicator circuit: open circuit, short circuit to B+ voltage
C1460	ASM	Air Suspension	Accelerometer sensor supply circuit fault	M (CATS)	CR91 -16	Accelerometer sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage
C1699	PAM	Parking Aid	LH rear sensor data circuit fault	Y	CR52 -11	LH rear sensor data circuit: short circuit to B+ voltage
C1700	PAM	Parking Aid	LH rear sensor data circuit fault	Y	CR52 -11 -15 -16	LH rear sensor data circuit: open circuit, short circuit ground
C1701	PAM	Parking Aid	LH rear sensor fault	Y	—	LH rear sensor failure
C1702	PAM	Parking Aid	RH rear sensor data circuit fault	Y	CR52 -24	RH rear sensor data circuit: short circuit to B+ voltage
C1703	PAM	Parking Aid	RH rear sensor data circuit fault	Y	CR52 -15 -16 -24	RH rear sensor data circuit: open circuit, short circuit ground
C1704	PAM	Parking Aid	RH rear sensor fault	Y	—	RH rear sensor failure
C1705	PAM	Parking Aid	LH rear center sensor data circuit fault	Y	CR52 -10	LH rear center sensor data circuit: short circuit to B+ voltage
C1706	PAM	Parking Aid	LH rear center sensor data circuit fault	Y	CR52 -10 -15 -16	LH rear center sensor data circuit: open circuit, short circuit ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1707	PAM	Parking Aid	LH rear center sensor fault	Y	—	LH rear center sensor failure
C1708	PAM	Parking Aid	RH rear center sensor data circuit fault	Y	CR52 -23	RH rear center sensor data circuit: short circuit to B+ voltage
C1709	PAM	Parking Aid	RH rear center sensor data circuit fault	Y	CR52 -23 -15 -16	RH rear center sensor data circuit: open circuit, short circuit ground
C1710	PAM	Parking Aid	RH rear center sensor fault	Y	—	RH rear center sensor failure
C1711	PAM	Parking Aid	LH front sensor data circuit fault	Y	CR52 -13	LH front sensor data circuit: short circuit to B+ voltage
C1712	FEM	Front Seat Heaters	LH front seat heater temperature sensor circuit fault	N	CR1 -16 -18	LH front seat heater temperature sensor circuit: open circuit, short circuit to B+ voltage
C1712	PAM	Parking Aid	LH front sensor data circuit fault	Y	CR52 -2 -4 -13	LH front sensor data circuit: open circuit, short circuit ground
C1712	REM	Rear Seat Heaters	LH rear seat heater temperature sensor circuit(s) fault	N	CR4 -9 CR13 -17	LH rear seat heater temperature sensor circuit(s): open circuit, short circuit to B+ voltage
C1713	FEM	Front Seat Heaters	LH front seat heater temperature sensor circuit fault	N	CR1 -16 -18	LH front seat heater temperature sensor circuit: short circuit to ground
C1713	PAM	Parking Aid	LH front sensor fault	Y	—	LH front sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1713	REM	Rear Seat Heaters	LH rear seat heater temperature sensor circuit(s) fault	N	CR4 -9 CR13 -17	LH rear seat heater temperature sensor circuit(s): short circuit to ground
C1714	PAM	Parking Aid	RH front sensor data circuit fault	Y	CR52 -26	RH front sensor data circuit: short circuit to B+ voltage
C1715	FEM	Front Seat Heaters	RH front seat heater temperature sensor circuit fault	N	CR1 -17 -19	RH front seat heater temperature sensor circuit: open circuit, short circuit to B+ voltage
C1715	PAM	Parking Aid	RH front sensor data circuit fault	Y	CR52 -2 -4 -26	RH front sensor data circuit: open circuit, short circuit ground
C1715	REM	Rear Seat Heaters	RH rear seat heater temperature sensor circuit(s) fault	N	CR4 -8 CR13 -16	RH rear seat heater temperature sensor circuit(s): open circuit, short circuit to B+ voltage
C1716	FEM	Front Seat Heaters	RH front seat heater temperature sensor circuit fault	N	CR1 -17 -19	RH front seat heater temperature sensor circuit: short circuit to ground
C1716	PAM	Parking Aid	RH front sensor fault	Y	—	RH front sensor failure
C1716	REM	Rear Seat Heaters	RH rear seat heater temperature sensor circuit(s) fault	N	CR4 -8 CR13 -16	RH rear seat heater temperature sensor circuit(s): short circuit to ground
C1717	PAM	Parking Aid	LH front center sensor data circuit fault	Y	CR52 -12	LH front center sensor data circuit: short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1718	PAM	Parking Aid	LH front center sensor data circuit fault	Y	CR52 -2 -4 -12	LH front center sensor data circuit: open circuit, short circuit ground
C1719	PAM	Parking Aid	LH front center sensor fault	Y	—	LH front center sensor failure
C1723	ASM	Air Suspension	Height sensor(s) supply circuit(s) fault	M	CR90 -1  CR90 -4  CR90 -7  CR90 -10	LH front height sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage  RH front height sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage  LH rear height sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage  RH rear height sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage
C1730	DSCM	Dynamic Stability Control	Sensor signal supply voltage (nominal 5 V) out of range	Y M	EC30 -7 -18 -26 -27 -30	Sensor supply voltage circuit(s): short circuit to ground, short circuit to B+ voltage  Dynamic Stability Control sensor(s) failure: brake pressure sensor, steering angle sensor, yaw rate and lateral acceleration sensor cluster, active brake booster force switch, pedal travel sensor  DSCM failure
C1739	PAM	Parking Aid	RH front center sensor data circuit fault	Y	CR52 -25	RH front center sensor data circuit: short circuit to B+ voltage
C1740	PAM	Parking Aid	RH front center sensor data circuit fault	Y	CR52 -2 -4 -25	RH front center sensor data circuit: open circuit, short circuit ground
C1741	PAM	Parking Aid	RH front center sensor fault	Y	—	RH front center sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1742	PAM	Parking Aid	Rear parking aid sounder circuit fault	Y	CR52 -14 -17	Rear parking aid sounder circuit(s): open circuit, short circuit to ground Rear parking aid sounder failure
C1743	PAM	Parking Aid	Rear parking aid sounder drive circuit fault	Y	CR52 -17	Rear parking aid sounder drive circuit: short circuit to B+ voltage
C1744	PAM	Parking Aid	Front parking aid sounder circuit fault	Y	CR52 -14 -18	Front parking aid sounder circuit(s): open circuit, short circuit to ground Front parking aid sounder failure
C1745	PAM	Parking Aid	Front parking aid sounder drive circuit fault	Y	CR52 -18	Front parking aid sounder drive circuit: short circuit to B+ voltage
C1748	ASCM	Adaptive Speed Control	Forward alert switch and Adaptive Speed Control indicator circuit fault	Y M	EC23 -12	Forward alert switch and Adaptive Speed Control indicator circuit: short circuit to ground
C1748	PAM	Parking Aid	Parking aid switch input circuit fault	N	CR52 -7	Parking aid switch input circuit: short circuit to ground Parking aid switch failure
C1769	PBM	Electronic Parking Brake	Parking brake apply switch circuit fault	Y M	CR32 -5 -12	Parking brake apply switch circuit: short circuit to ground
C1777	DSCM	Dynamic Stability Control	DSCM internal vacuum pressure circuit fault	Y M	—	DSCM failure Active brake booster failure
C1778	IC	Variable Assist Power Steering (VAPS)	Power steering failure	N	—	IC failure
C1782	PBM	Electronic Parking Brake	Parking brake release switch circuit fault	Y M	CR32 -6 -12	Parking brake release switch circuit: open circuit, short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1783	PBM	Electronic Parking Brake	Parking brake release switch circuit fault	Y M	CR32 -6 -12	Parking brake release switch circuit: short circuit to ground
C1784	PBM	Electronic Parking Brake	Parking brake drive circuit(s) fault	Y M	CR50 -2 -3	Parking brake drive circuit(s): short circuit to ground, short circuit to each other
C1785	PBM	Electronic Parking Brake	Parking brake drive circuit(s) fault	Y M	CR50 -2 -3	Parking brake drive circuit(s): open circuit
C1786	PBM	Electronic Parking Brake	Parking brake motor internal fault	Y M	—	Parking brake motor failure
C1799	PBM	Electronic Parking Brake	Parking brake motor position sensor circuit fault	Y M	CR32 -4 -10 -12	Parking brake motor position sensor circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage, high resistance Parking brake motor position sensor failure (parking brake motor failure)
C1800	ASM	Air Suspension	Reservoir solenoid drive circuit fault	M	CR91 -8	Reservoir solenoid drive circuit: open circuit, short circuit to B+ voltage Reservoir solenoid failure
C1801	PBM	Electronic Parking Brake	Motor current level / position conflict – apply	Y M	—	Parking brake motor failure
C1802	PBM	Electronic Parking Brake	Motor current level / position conflict – apply	Y M	—	Parking brake motor failure
C1803	PBM	Electronic Parking Brake	Motor current level / position conflict – release	Y M	—	Parking brake motor failure
C1830	ASM	Air Suspension	Air suspension relay drive circuit fault	M	CR91 -12	Air suspension relay drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1881	ASM	Air Suspension	RH front height sensor signal circuit fault	M	CR90 -5	RH front height sensor signal circuit: open circuit, short circuit to ground RH front height sensor failure
C1883	ASM	Air Suspension	RH front height sensor signal circuit fault	M	CR90 -5	RH front height sensor signal circuit: short circuit to B+ voltage
C1885	ASM	Air Suspension	RH rear height sensor signal circuit fault	M	CR90 -11	RH rear height sensor signal circuit: open circuit, short circuit to ground RH rear height sensor failure
C1887	ASM	Air Suspension	RH rear height sensor signal circuit fault	M	CR90 -11	RH rear height sensor signal circuit: short circuit to B+ voltage
C1889	ASM	Air Suspension	LH front height sensor signal circuit fault	M	CR90 -2	LH front height sensor signal circuit: open circuit, short circuit to ground LH front height sensor failure
C1891	ASM	Air Suspension	LH front height sensor signal circuit fault	M	CR90 -2	LH front height sensor signal circuit: short circuit to B+ voltage
C1893	ASM	Air Suspension	LH rear height sensor signal circuit fault	M	CR90 -8	LH rear height sensor signal circuit: open circuit, short circuit to ground LH rear height sensor failure
C1895	ASM	Air Suspension	LH rear height sensor signal circuit fault	M	CR90 -8	LH rear height sensor signal circuit: short circuit to B+ voltage
C1920	PAM	Parking Aid	Parking aid status LED circuit fault	N	CR52 -19	Parking aid status LED circuit: short circuit to ground Parking aid status LED failure
C1922	IC	Variable Assist Power Steering (VAPS)	Variable assist steering actuator solenoid drive circuit fault	N	IP6 -15 -17	IC VAPS power supply circuit: open circuit Variable assist steering actuator solenoid drive circuit: open circuit Variable assist steering actuator solenoid failure
C1923	IC	Variable Assist Power Steering (VAPS)	Variable assist steering actuator solenoid drive circuit fault	N	IP6 -15	Variable assist steering actuator solenoid drive circuit: short circuit to B+ voltage



DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1924	IC	Variable Assist Power Steering (VAPS)	Variable assist steering actuator solenoid drive circuit fault	N	IP6 -15	Variable assist steering actuator solenoid drive circuit: short circuit to ground Variable assist steering actuator solenoid failure
C1935	ASCM	Adaptive Speed Control	Chime request circuit fault	Y M	EC23 -6	Chime request circuit: open circuit, short circuit to B+ voltage
C1947	RCM	Advanced Restraint System	Driver seat position switch circuit fault Flash code 49	Y	CR87 -23 -24	Driver seat position switch circuit(s): short circuit to ground
C1948	RCM	Advanced Restraint System	Driver seat position switch circuit fault Flash code 49	Y	CR87 -23 -24	Driver seat position switch circuit(s): high resistance Driver seat position switch failure
C1977	AUDIO	In Car Entertainment	Steering wheel audio switch circuit fault	N	CC8 -18	Steering wheel audio switch circuit: short circuit to ground
C1981	RCM	Advanced Restraint System	Driver seat position switch circuit fault Flash code 49	Y	CR87 -23 -24	Driver seat position switch circuit(s): open circuit, short circuit to B+ voltage Driver seat position switch failure
C1986	IC	Variable Assist Power Steering (VAPS)	VAPS initial vehicle speed above threshold	N	IP6 -2 -17	IC failure
C1989	PBM	Electronic Parking Brake	Parking brake apply and release switches simultaneously activated	Y M	CR32 -5 -6 -12	Parking brake apply and release switch circuits: short circuit to each other Electronic parking brake switch failure
C1991	ASM	Air Suspension	ASM calibration failure	M	—	Recalibrate ASM using WDS
C1993	ASM	Air Suspension	Pressure sensor signal circuit fault	M	CR90 -14	Pressure sensor signal circuit: open circuit, short circuit to ground Pressure sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C1994	DSCM	Dynamic Stability Control	Yaw control failure	Y M	EC30 -5 -7 -25 29	Yaw rate sensor failure DSCM failure
C1997	DSCM	Dynamic Stability Control	Pressure control failure	Y M	EC30 -17 -20 -31	Brake pressure sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage, high resistance Brake pressure sensor failure Booster solenoid circuit: open circuit, short circuit to ground, short circuit to B+ voltage, high resistance Booster solenoid failure Active brake booster failure
C2302	ASM	Air Suspension	Leveling plausibility error	M	—	Mechanical / pneumatic fault such as: – pipe disconnected – air leak
C2303	ASM	Air Suspension	Reservoir plausibility error	M	—	Mechanical / pneumatic fault such as: – pipe disconnected – air leak
C2304	ASM	Air Suspension	Damper actuator supply circuit(s) fault	M (CATS)	CR89 -4 CR89 -5 CR89 -7 CR89 -8	LH damper actuator supply circuit: short circuit to ground RH damper actuator supply circuit: short circuit to ground LH damper actuator supply circuit: short circuit to ground RH damper actuator supply circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
C2305	ASM	Air Suspension	Damper actuator supply circuit(s) fault	M (CATS)	CR89 -4 CR89 -5 CR89 -7 CR89 -8	LH damper actuator supply circuit: short circuit to B+ voltage RH damper actuator supply circuit: short circuit to B+ voltage LH damper actuator supply circuit: short circuit to B+ voltage RH damper actuator supply circuit: short circuit to B+ voltage
C2778	DSCM	Dynamic Stability Control	Yaw rate and lateral acceleration sensors cluster sensor supply voltage circuit fault	Y M	EC30 -7	Yaw rate and lateral acceleration sensors cluster sensor supply voltage circuit: open circuit, short circuit to ground, short circuit to B+ voltage DSCM failure
C2779	ASM	Air Suspension	Air spring solenoid(s) supply and / or drive circuit fault	M	CR91 -1 CR91 -2 CR91 -3 CR91 -5 CR91 -6	Air spring solenoids supply circuit: short circuit to ground, short circuit to B+ voltage LH front air spring solenoid drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH front air spring solenoid drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage LH rear air spring solenoid drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH rear air spring solenoid drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage
C2780	ASM	Air Suspension	ASM requires configuration	M	—	Configure ASM using WDS
C2781	CCM	Climate Control	Air conditioning compressor clutch solenoid circuit fault	N	CR119 -4 -5	Air conditioning compressor clutch solenoid circuit: open circuit, short circuit to ground, short circuit to B+ voltage Air conditioning compressor clutch solenoid failure

<b>DTC</b>	<b>CM</b>	<b>SYSTEM</b>	<b>FAULT DESCRIPTION</b>	<b>MIL</b>	<b>CM PIN</b>	<b>POSSIBLE CAUSES</b>
C2783	DSCM	Dynamic Stability Control	Yaw rate and lateral acceleration sensors cluster incorrect specification	Y M	—	Incorrect yaw rate and lateral acceleration sensors cluster fitted
C2785	DSCM	Dynamic Stability Control	Dynamic Stability Control sensors out of calibration	Y M	—	DSCM failure