



Body DTC Summaries

Quick Reference Diagnostic Guide

Jaguar XJ Range 2003.5 Model Year

Refer to pages 2 and 3 for important information regarding the use of "Body 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
B1201	REM	Instrumentation	RH fuel level sensor circuit failure	N	CR4 -15 CR11 -23	RH fuel level sensor failure Check ECM P DTCs
B1202	IC	Instrumentation	RH fuel level sensor circuit fault	N	—	RH fuel level sensor(s) circuit(s): open circuit RH fuel level sensor SCP message error RH fuel level sensor(s) failure Check REM for flagged DTC
B1202	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -15 CR11 -23	RH fuel level sensor circuit: open circuit
B1203	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -15 CR11 -23	RH fuel level sensor circuit: short circuit to B+ voltage
B1204	IC	Instrumentation	RH fuel level sensor circuit fault	N	—	RH fuel level sensor(s) circuit(s): short circuit to ground RH fuel level sensor SCP message error RH fuel level sensor(s) failure Check REM for flagged DTC
B1204	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -15 CR11 -23	RH fuel level sensor circuit: short circuit to ground
B1205	IC	Trip Computer	Trip computer switch signal circuit fault	N	IP7 -4	Trip computer switch signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Trip computer switch failure (auxiliary lighting switch)

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1209	IC	Trip Computer	Trip computer cycle switch circuit fault	N	IP7 -14	Trip computer cycle switch signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Trip computer cycle switch failure (main lighting switch)
B1213	IC	Security	Less than two (2) keys are programmed	N	—	Program at least two keys using WDS
B1231	DSCM	Dynamic Stability Control (monitored by Adaptive Speed Control System)	Longitudinal acceleration threshold exceeded	Y M	—	Brake booster vacuum low Brake booster failure Brake pressure sensor failure Brake hydraulic unit failure ASCM failure
B1231	RCM	Advanced Restraint System	Crash data memory full Flash code 13	Y	—	Replace RCM
B1234	DDM	Door Mirrors	Mirror movement “joy stick” circuits fault	N	DD12 -14 -15 -16 -17	Mirror movement “joy stick” circuits: open circuit, short circuit to ground Driver door switch pack ground fault Driver door switch pack mirror movement “joy stick” failure
B1238	AUDIO	In-Car Entertainment	CD autochanger over-temperature fault	N	—	Switch OFF CD autochanger. Load CD autochanger, and play media to check for reoccurrence. CD autochanger failure
B1238	MCP	Rear In-Car Entertainment	Multimedia control panel over-temperature fault	N	—	Switch OFF MCP. Switch ON, and play media to check for reoccurrence. MCP failure
B1246	IC	Dimmer-Controlled Lighting	Dimmer switch signal circuit fault	N	IP7 -5	Dimmer switch signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Dimmer switch failure (auxiliary lighting switch)

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1299	PAM	Parking Aid	Sensor power supply circuit(s) fault	N	CR52 -2 -15	Front sensor power supply circuit: short circuit to ground Rear sensor power supply circuit: short circuit to ground
B1312	ASM	Air Suspension	ASM to HLM PWM signal circuit fault	M	CR93 -3	ASM to HLM PWM signal circuit: open circuit, short circuit to ground
B1313	FEM	Switched System Power	Switched system power relays drive circuit failure	N	CR1 -13	Switched system power relays drive circuit: over-current fault
B1313	REM	Switched System Power	Switched system power relays drive circuit failure	N	CR4 -4	Switched system power relays drive circuit: over-current fault
B1314	FEM	Switched System Power	Switched system power relays drive circuit fault	N	CR1 -13	Switched system power relays drive circuit: open circuit
B1314	REM	Switched System Power	Switched system power relays drive circuit fault	N	CR4 -4	Switched system power relays drive circuit: open circuit
B1315	FEM	Switched System Power	Switched system power relays drive circuit fault	N	CR1 -13	Switched system power relays drive circuit: short circuit to B+ voltage
B1315	REM	Switched System Power	Switched system power relays drive circuit fault	N	CR4 -4	Switched system power relays drive circuit: short circuit to B+ voltage
B1317	DSCM	Dynamic Stability Control	Battery voltage out of range – high	Y M	EC30 -1 -16 -32 -47	Charging system high voltage fault DSCM ground fault
B1317	IC	Instrument Cluster	Battery voltage out of range – high	N	IP6 -3	Charging system high voltage fault IC ground fault
B1317	PBM	Electronic Parking Brake	Battery voltage out of range – high	Y M	CR50 -1	Charging system high voltage fault PBM ground fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1317	RCM	Advanced Restraint System	Battery voltage out of range – high: $>15 \pm V$	N	CR86 -12	Charging system over voltage fault
B1318	DSCM	Dynamic Stability Control	Battery voltage out of range – low	Y M	EC30 -1 -16 -32 -47	Charging system low voltage fault DSCM battery power supply circuit(s): high resistance
B1318	HLM (LH or RH)	HID Headlamps	Battery voltage out of range – low	N	EC101 -7 EC103 -7	Charging system low voltage fault Headlamp leveling (LH or RH) ignition power supply circuit: high resistance
B1318	IC	Instrument Cluster	Battery voltage out of range – low	N	IP6 -3	Charging system low voltage fault IC battery power supply circuit(s): high resistance
B1318	PBM	Electronic Parking Brake	Battery voltage out of range – low	Y M	CR50 -1	Charging system low voltage fault PBM battery power supply circuit(s): high resistance
B1318	RCM	Advanced Restraint System	Battery voltage out of range – low: $>10.4 \pm V$	N	CR86 -12	Charging system low voltage fault Ignition switched power supply circuit: high resistance
B1342	AMP	In-Car Entertainment – Power Amplifier circuits	Power amplifier internal fault	N	—	AMP failure
B1342	ASCM	Adaptive Speed Control	Control module failure	Y M	—	ASCM failure
B1342	ASM	Air Suspension	Control module failure	M	—	ASM failure
B1342	AUDIO	In-Car Entertainment	Control module failure	N	—	AUDIO failure
B1342	CPM	Telephone	CPM internal fault	N	—	CPM failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1342	DSCM	Dynamic Stability Control	Control module failure	Y* M	—	DSCM failure * CHECK ENGINE MIL
B1342	HLM (LH or RH)	HID Headlamps	Control module failure	N	—	HLM (LH or RH) failure
B1342	IC	Instrument Cluster	Control module failure	N	—	IC failure
B1342	MCP	Rear In-Car Entertainment	Multimedia control panel internal fault	N	—	MCP failure
B1342	NCM	Navigation	NCM internal fault	N	—	NCM failure
B1342	PAM	Parking Aid	PAM internal fault	N	—	PAM failure
B1342	PBM	Electronic Parking Brake	Control module failure	Y M	—	PBM failure
B1342	RCM	Advanced Restraint System	RCM internal fault	N	—	RCM failure
B1342	SCLM	Security (Steering Column Lock Module)	Control module failure CUSTOMER SYMPTOM: Steering column locking inoperative	N	—	SCLM failure
B1342	VAM	Voice Activation Module	Control module configuration error	N	—	Reconfigure VAM using WDS
B1352	IC	Instrument Cluster	Ignition "key-in" switch circuit fault CUSTOMER SYMPTOMS: Key-in audible warning inoperative; steering column and driver seat entry / exit memory functions inoperative	N	IP5 -2	IC to key-in switch circuit: open circuit, short circuit to ground Key-in switch failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1432	FEM	Wash / Wipe System	Wiper ON / OFF relay drive circuit fault	N	EC36 -1	Wiper ON / OFF relay drive circuit: short circuit to B+ voltage, over-current fault
B1433	FEM	Wash / Wipe System	Wiper ON / OFF relay drive circuit fault	N	EC36 -1	Wiper ON / OFF relay drive circuit: short circuit to ground
B1436	FEM	Wash / Wipe System	Wiper fast / slow relay drive circuit fault	N	EC36 -17	Wiper fast / slow relay drive circuit: short circuit to B+ voltage, over-current fault
B1437	FEM	Wash / Wipe System	Wiper fast / slow relay drive circuit fault	N	EC36 -17	Wiper fast / slow relay drive circuit: short circuit to ground
B1438	FEM	Wash / Wipe System	Wiper master switch signal circuit fault	N	CR85 -16	Wiper master switch signal circuit: short circuit to ground
B1439	FEM	Wash / Wipe System	Wiper master switch signal circuit fault	N	CR85 -16	Wiper master switch signal circuit: open circuit, short circuit to B+ voltage
B1440	FEM	Wash / Wipe System	Wiper momentary wipe switch signal circuit fault	N	CR85 -9	Wiper momentary wipe switch signal circuit: open circuit, short circuit to B+ voltage
B1441	FEM	Wash / Wipe System	Wiper momentary wipe switch signal circuit fault	N	CR85 -9	Wiper momentary wipe switch signal circuit: short circuit to ground
B1450	FEM	Wash / Wipe System	Wash / wipe switch signal circuit fault	N	CR85 -10	Wash / wipe switch signal circuit: short circuit to ground
B1451	FEM	Wash / Wipe System	Wash / wipe switch signal circuit fault	N	CR85 -10	Wash / wipe switch signal circuit: open circuit, short circuit to B+ voltage
B1452	FEM	Wash / Wipe System	Intermittent wipe switch signal circuit fault	N	CR85 -13	Intermittent wipe switch signal circuit: open circuit, short circuit to B+ voltage
B1453	FEM	Wash / Wipe System	Intermittent wipe switch signal circuit fault	N	CR85 -13	Intermittent wipe switch signal circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1458	FEM	Wash / Wipe System	Windshield washer pump drive circuit failure	N	CR85 -4	Windshield washer pump drive circuit: over-current
B1459	FEM	Wash / Wipe System	Windshield washer pump drive circuit fault	N	CR85 -4	Windshield washer pump drive circuit: open circuit
B1460	FEM	Wash / Wipe System	Windshield washer pump drive circuit fault	N	CR85 -4	Windshield washer pump drive circuit: short circuit to B+ voltage
B1470	HLM (LH or RH)	HID Headlamps (Dip Beam)	Lamp (dip beam) failure	N	EC102 -1 -2 -4 EC104 -1 -2 -4	HLM to dip beam (HID lamp) circuit fault Dip beam (HID lamp) failure
B1470	IC	Exterior Lighting: Front	Headlamp switch signal circuit fault CUSTOMER SYMPTOM: Headlamp switch inoperative	N	IP7 -13	Headlamp switch signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Main lighting switch failure
B1471	ASM	Air Suspension	ASM to HLM PWM signal circuit fault	M	CR93 -3	ASM to HLM PWM signal circuit: short circuit to B+ voltage
B1474	FEM	Switched System Power	Switched system power relays drive circuit fault	N	CR1 -13	Switched system power relays drive circuit: short circuit to B+ voltage, over-current fault
B1474	REM	Switched System Power	Switched system power relays drive circuit fault	N	CR4 -4	Switched system power relays drive circuit: short circuit to B+ voltage, over-current fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1499	REM	Exterior Lighting: Rear	LH rear turn signal drive circuit failure	N	CR71 -3	LH rear turn signal bulb failure LH rear turn signal drive circuit: short circuit to ground, short circuit to B+ voltage LH rear turn signal switched system power supply circuit: open circuit, short circuit to ground LH rear turn signal (tail lamp unit) failure
B1500	FEM	Exterior Lighting: Front	LH front turn signal drive circuit fault	N	CR10 -4	LH front turn signal drive circuit: open circuit
B1500	REM	Exterior Lighting: Rear	LH rear turn signal drive circuit fault	N	CR71 -3	LH rear turn signal drive circuit: open circuit
B1503	REM	Exterior Lighting: Rear	RH rear turn signal drive circuit failure	N	CR71 -4	RH rear turn signal bulb failure RH rear turn signal drive circuit: short circuit to ground, short circuit to B+ voltage RH rear turn signal switched system power supply circuit: open circuit, short circuit to ground RH rear turn signal (tail lamp unit) failure
B1504	FEM	Exterior Lighting: Front	RH front turn signal drive circuit fault	N	CR10 -10	RH front turn signal drive circuit: open circuit
B1504	REM	Exterior Lighting: Rear	RH rear turn signal drive circuit fault	N	CR71 -4	RH rear turn signal drive circuit: open circuit
B1529	DDM	Driver Memory Positions	Driver memory signal circuit fault	N	DD12 -10	Driver memory signal circuit: short circuit to B+ voltage
B1530	DDM	Driver Memory Positions	Driver memory signal circuit fault	N	DD12 -10	Driver memory signal circuit: short circuit to ground
B1567	IC	Exterior Lighting: Front	Headlamp switch main beam signal circuit fault CUSTOMER SYMPTOM: Headlamp main beam switch inoperative	N	IP7 -12	Headlamp switch main beam signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Main lighting switch failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1569	FEM	Exterior Lighting: Front	Headlamp main beam relay drive circuit fault	N	EC36 -21	Headlamp main beam relay drive circuit: short circuit to B+ voltage, over-current
B1570	FEM	Exterior Lighting: Front	Headlamp main beam relay drive circuit fault	N	EC36 -21	Headlamp main beam relay drive circuit: short circuit to ground
B1600	IC	Battery; Starter; Generator, Security	Ignition key transponder signal not received CUSTOMER SYMPTOM: Engine will not start	N	IP6 -4 -5 -6	Incorrect ignition key(s) Reconfigure instrument cluster for ignition keys using WDS PATS transceiver failure
B1601	IC	Battery; Starter; Generator, Security	IC PATS module received incorrect ignition key code from PATS transceiver CUSTOMER SYMPTOM: Engine will not start	N	IP6 -4 -5 -6	Reprogram instrument cluster for ignition keys using WDS PATS transceiver failure
B1602	IC	Battery; Starter; Generator, Security	IC PATS module received invalid form of ignition key code from PATS transceiver CUSTOMER SYMPTOM: Engine will not start	N	IP6 -4 -5 -6	PATS transceiver failure
B1633	DDM	Door Mirrors	Driver door mirror LEFT drive circuit fault	N	DD11 -1	Driver door mirror LEFT drive circuit: short circuit to B+ voltage
B1634	DDM	Door Mirrors	Driver door mirror LEFT drive circuit fault	N	DD11 -1	Driver door mirror LEFT drive circuit: short circuit to ground
B1637	DDM	Door Mirrors	Driver door mirror RIGHT drive circuit fault	N	DD11 -2	Driver door mirror RIGHT drive circuit: short circuit to B+ voltage
B1638	DDM	Door Mirrors	Driver door mirror RIGHT drive circuit fault	N	DD11 -2	Driver door mirror RIGHT drive circuit: short circuit to ground
B1671	ASM	Air Suspension	Battery voltage out of range	M	CR88 -1	Charging system low / high voltage fault Battery power supply circuit: high resistance

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1676	DDM	Driver Door Module	Battery voltage out of range	N	DD13 -11	Charging system low / high voltage fault Battery power supply circuit: high resistance
B1676	FEM	Front Electronic Module	Battery voltage out of range	N	CR9 -6	Charging system low / high voltage fault Battery power supply circuit: high resistance
B1676	REM	Rear Electronic Module	Battery voltage out of range: 9 v – 16 v	N	CR4 -3	Charging system low / high voltage fault Battery power supply circuit: high resistance
B1681	IC	Battery; Starter; Generator, Security	IC PATS module does not receive PATS transceiver signal CUSTOMER SYMPTOM: Engine will not start	N	IP6 -4 -5	IC to PATS transceiver circuit(s): open circuit, short circuit to ground, short circuit to each other, short circuit to B+ voltage, high resistance PATS transceiver failure
B1683	DDM	Door Mirrors	Mirror select RH circuit fault	N	DD12 -2	Mirror select circuit: short circuit to ground Driver door switch pack mirror select switch failure
B1689	IC	Exterior Lighting: Front	Autolamps / exit delay switch signal circuit fault CUSTOMER SYMPTOM: Headlamp autolamp function / exit delay function inoperative	N	IP7 -2	Autolamps / exit delay switch signal circuit: open circuit, short circuit Main lighting switch failure
B1775	DDM	Door Mirrors	Driver door mirror UP drive circuit fault	N	DD11 -3	Driver door mirror UP drive circuit: short circuit to B+ voltage
B1776	DDM	Door Mirrors	Driver door mirror UP drive circuit fault	N	DD11 -3	Driver door mirror UP drive circuit: short circuit to ground
B1780	DDM	Door Mirrors	Driver door mirror DOWN drive circuit fault	N	DD11 -4	Driver door mirror DOWN drive circuit: short circuit to B+ voltage
B1781	DDM	Door Mirrors	Driver door mirror DOWN drive circuit fault	N	DD11 -4	Driver door mirror DOWN drive circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1838	FEM	Switched System Power	Switched system power relays drive circuit fault	N	CR1-13	Switched system power relays drive circuit: short circuit ground
B1838	REM	Switched System Power	Switched system power relays drive circuit fault	N	CR4-4	Switched system power relays drive circuit: short circuit ground
B1869	RCM	Advanced Restraint System	Airbag MIL circuit fault	N	CR86-19	Airbag MIL circuit: open circuit
B1870	RCM	Advanced Restraint System	Airbag MIL circuit fault	Y	CR86-19	Airbag MIL circuit: short circuit to B+ voltage
B1875	IC	Exterior Lighting: Front	Turn signals / hazard switch signal circuit fault CUSTOMER SYMPTOM: Turn signals and hazard warning inoperative	N	IP7-1	Turn signals / hazard switch signal circuit: short circuit to ground, short circuit to B+ voltage Turn signals (main lighting switch) and / or hazard switch (center console switch pack) failure
B1884	RCM	Advanced Restraint System	Passenger airbag deactivated indicator lamp circuit fault Flash code 18	Y	CR86-15	Passenger airbag deactivated indicator lamp circuit: open circuit, short circuit to ground
B1890	RCM	Advanced Restraint System	Passenger airbag deactivated indicator lamp circuit fault	Y	CR86-15	Passenger airbag deactivated indicator lamp circuit: short circuit to B+ voltage
B1891	RCM	Advanced Restraint System	Airbag audible warning circuit fault	N	CR86-22	Airbag audible warning circuit: short circuit to B+ voltage
B1892	RCM	Advanced Restraint System	Airbag audible warning circuit fault Flash code 53	Y	CR86-22	Airbag audible warning circuit: open circuit, short circuit to ground
B1893	CPM	JaguarNet	JaguarNet GPS antenna circuit fault	N	TL43-1	JaguarNet GPS antenna circuit: open circuit

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B1895	DDM	Interior Lighting	Driver door puddle lamp drive circuit fault	N	DD12 -13	Driver door puddle lamp drive circuit: open circuit, short circuit to ground
B1921	RCM	Advanced Restraint System	RCM internal airbag diagnostic monitor ground circuit fault Flash code 14	Y	—	RCM mounting bracket contact: open circuit, high resistance
B1940	DSM	Driver Seat	Driver seat position(s) out of range (PID A102 indicates seat position function effected)	N	—	Seat range calibration error. Recalibrate seat positions using WDS
B1940	RMM	Powered Rear Seats	Rear seat position(s) out of range (PID A102 indicates seat position function effected)	N	—	Rear seat range calibration error. Recalibrate rear seat positions using WDS
B1987	FEM	Pedal Adjust	Pedal adjust motor fault	N	CR10 -2 -5	Pedal adjust motor stalled
B1990	FEM	Pedal Adjust	Pedal adjust motor position sensor circuit fault	N	CR9 -11 CR85 -15 -17	Pedal adjust motor position sensor circuit: open circuit, short circuit to ground Pedal adjust motor supply and / or ground circuit(s) fault
B1991	FEM	Pedal Adjust	Pedal adjust motor position sensor circuit fault	N	CR9 -11 CR85 -15 -17	Pedal adjust motor position sensor circuit: short circuit to B+ voltage Pedal adjust motor supply and / or ground circuit(s) fault
B2004	AUDIO	In-Car Entertainment	Audio unit media over-temperature fault	N	—	Switch OFF audio unit, and allow to cool. Switch audio unit ON, load and play media, and check for reoccurrence. AUDIO failure
B2022	FEM	Interior Lighting	Footwell and rear courtesy lamp drive circuit fault	N	CR10 -6	Footwell and rear courtesy lamp drive circuit: short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2022	REM	Interior Lighting	Rear courtesy and footwell lighting drive circuit fault	N	CR71 -1	Rear courtesy and footwell lighting drive circuit: short circuit to B+ voltage
B2023	FEM	Interior Lighting	Footwell and rear courtesy lamp drive circuit fault	N	CR10 -6	Footwell and rear courtesy lamp drive circuit: open circuit, short circuit to ground
B2023	REM	Interior Lighting	Rear courtesy and footwell lighting drive circuit fault	N	CR71 -1	Rear courtesy and footwell lighting drive circuit: short circuit to ground
B2026	FEM	Dimmer-Controlled Lighting	Incandescent locate lighting drive circuit fault	N	CR85 -11	Incandescent locate lighting drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage
B2027	FEM	Dimmer-Controlled Lighting	LED locate lighting drive circuit fault	N	CR86 -12	LED locate lighting drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage
B2030	FEM	Exterior Lighting: Front	Front fog lamp relay drive circuit fault	N	EC36 -18	Front fog lamp relay drive circuit: short circuit to ground
B2035	FEM	Exterior Lighting: Front	LH front turn signal repeater lamp drive circuit fault	N	EC36 -7	LH front turn signal repeater lamp drive circuit: open circuit
B2037	FEM	Exterior Lighting: Front	RH front turn signal repeater lamp drive circuit fault	N	EC36 -19	RH front turn signal repeater lamp drive circuit: open circuit
B2087	FEM	Security System	Security ground sensing circuit fault	N	CR1 -25	Security ground sensing circuit: short circuit to B+ voltage, over-current fault
B2089	FEM	Interior Lighting	Passenger door puddle and approach lamp circuits fault(s)	N	CR1 -2 -5	Passenger door puddle and approach lamp circuits: open circuit, short circuit to ground, short circuit to B+ voltage
B2089	REM	Interior Lighting	Rear puddle lamps drive circuit(s) fault	N	CR13 -20 -22	Rear puddle lamps drive circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2102	CPM	JaguarNet	JaguarNet GPS antenna circuit fault	N	TL43 -1	JaguarNet GPS antenna circuit: short circuit
B2103	CPM	Telephone	Telephone antenna circuit fault	N	TL94 -1	Telephone antenna circuit: high resistance, open circuit
B2103	IC	Battery; Starter; Generator, Security	IC PATS module does not receive PATS transceiver data CUSTOMER SYMPTOM: Engine will not start	N	IP6 -5	IC to PATS transceiver data circuit: open circuit, short circuit to ground, short circuit to each other, short circuit to B+ voltage, high resistance PATS transceiver failure
B2112	DDM	Central Locking / Security / Powered Windows	Driver door latch set switch circuit fault	N	DD11 -16	Driver door latch set switch circuit: short circuit to ground Driver door latch set switch (key barrel) failure
B2116	DDM	Central Locking / Security / Powered Windows	Driver door latch reset switch circuit fault	N	DD11 -17	Driver door latch reset switch circuit: short circuit to ground Driver door latch reset switch (key barrel) failure
B2131	REM	Central Locking	Double lock status failure	N	CR4 -12	Double lock drive / status circuit: high resistance Passenger door lock motor and / or driver rear door lock motor failure
B2139	IC	Battery; Starter; Generator, Security	ECM identification does not match IC CUSTOMER SYMPTOM: Engine will not start	Y	—	Reconfigure IC using WDS
B2139	REM	Central Locking	Unlock data error (between DDM and REM)	N	—	DDM / REM SCP network fault DDM failure – Check DDM DTCs
B2141	CPM	Telephone	CPM configuration failure	N	—	Invalid telephone numbers present Reconfigure CPM using WDS
B2141	DSCM	Dynamic Stability Control	DSCM configuration failure	Y M	—	Reconfigure DSCM using WDS

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2141	IC	Battery; Starter; Generator, Security	ECM identification lost from instrument cluster non-volatile memory CUSTOMER SYMPTOM: Engine will not start	Y	—	Reconfigure IC using WDS
B2141	REM	Security	ECM identification lost from REM non-volatile memory CUSTOMER SYMPTOM: Engine will not start	Y	—	Reconfigure REM using WDS
B2143	IC	Instrumentation	Odometer memory failure	N	—	IC failure
B2147	DSM	Driver Seat	Driver seat switch circuit(s) fault	N	SD5 SD29	Driver seat switch circuit(s): short circuit to B+ voltage Driver seat switch failure
B2162	IC	Security	SCLM identification does not match IC CUSTOMER SYMPTOM: Engine will not start	Y	—	Reconfigure IC using WDS
B2162	REM	Rear Electronic Module	Data error (between IC and REM)	Y	—	Reconfigure REM using WDS
B2162	SCLM	Security	IC identification does not match SCLM CUSTOMER SYMPTOM: Engine will not start	Y	—	Reconfigure SCLM using WDS
B2168	DDM	Central Locking / Security / Powered Windows	Driver door latch unlock status switch circuit fault	N	DD13 -2	Driver door latch set switch circuit: short circuit to ground Driver door latch set switch (key barrel) failure
B2168	REM	Central Locking	REM unable to confirm passenger door UNLOCK condition	N	CR4 -22	Passenger door unlock status circuit: open circuit, short circuit to ground, short circuit to B+ voltage Passenger door unlock status switch ground fault Passenger door unlock status switch failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2168	SCLM	Security	SCLM unable to detect unlocked condition	N	—	SCLM failure
B2169	DDM	Central Locking / Security / Powered Windows	Driver door latch lock status switch circuit fault	N	DD13 -10	Driver door latch reset switch circuit: short circuit to ground Driver door latch reset switch (key barrel) failure
B2169	REM	Central Locking	REM unable to confirm passenger door LOCK condition	N	CR4 -21	Passenger door lock status circuit: open circuit, short circuit to ground, short circuit to B+ voltage Passenger door lock status switch ground fault Passenger door lock status switch failure
B2169	SCLM	Security	SCLM unable to detect locked condition	N	—	SCLM failure
B2170	FEM	Security System	SCLM ground supply circuit fault	N	CR85 -14	SCLM ground supply circuit: over-current
B2171	RMM	Powered Rear Seats	LH rear seat switch circuit(s) fault	N	LS5 -3 -6 -10 -13	LH rear seat switch circuit(s): short circuit to B+ voltage LH rear seat switch failure
B2173	RMM	Powered Rear Seats	RH rear seat switch circuit(s) fault	N	RS5 -3 -6 -10 -13	RH rear seat switch circuit(s): short circuit to B+ voltage RH rear seat switch failure
B2177	REM	Security	IS power supply circuit fault	N	CR13 -10	IS power supply circuit: open circuit, short circuit to ground IS failure
B2197	NCM	Television	Television screen module internal fault	N	—	Television screen module failure
B2199	NCM	Vehicle information control system	VICS module internal fault	N	—	VICS module failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2202	NCM	Navigation	VICS communications fault	N	—	NCM configured for VICS; vehicle information control module not installed Reconfigure NCM using WDS
B2204	NCM	Navigation	GPS antenna signal not received	N	TL37 -01 -02	NCM to Navigation GPS antenna circuit: open circuit
B2205	NCM	Navigation	NCM GPS receiver fault	N	TL37 -01 -02	Navigation GPS antenna obstructed NCM to Navigation GPS antenna circuit: high resistance, open circuit, short circuit NCM failure
B2206	NCM	Navigation	NCM gyroscope error	N	—	NCM failure
B2207	DDM	Driver Door Module	DDM internal ROM error	N	—	DDM failure
B2207	DSM	Driver Seat	DSM internal ROM error	N	—	DSM failure
B2207	FEM	Front Electronic Module	FEM internal ROM error	N	—	FEM failure
B2207	HLM (LH or RH)	HID Headlamps	HLM internal error	N	—	HLM (LH or RH) failure
B2207	NCM	Navigation	NCM internal error	N	—	NCM failure
B2207	PAM	Parking Aid	PAM internal error	N	—	PAM failure
B2207	REM	Rear Electronic Module	REM internal ROM error	N	—	REM failure
B2207	RMM	Powered Rear Seats	RMM internal ROM error	N	—	RMM failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2208	NCM	Navigation	NCM to telematics display communication fault	N	TL29 TL30	NCM to telematics communication circuit(s): high resistance, open circuit
B2249	FEM	Exterior Lighting: Front	Headlamp dip beam relay drive circuit fault	N	EC36 15	Headlamp dip beam relay drive circuit: short circuit to B+ voltage, over-current
B2258	FEM	Wash / Wipe System	Power wash relay drive circuit fault	N	EC36 -16	Power wash relay drive circuit: short circuit to B+ voltage, over-current
B2262	FEM	Wash / Wipe System	Wiper time-out fault	N	EC36 -3	Wiper motor failure
B2287	REM	Security	IS power supply circuit fault	N	CR13 -9	IS power supply circuit: open circuit, short circuit to ground IS failure
B2290	RCM	Advanced Restraint System	Passenger seat weight sensing (Occupancy Classification) CAN circuit fault Flash code 16	Y	CR87 -17 -18	Passenger seat weight sensing CAN circuit fault Passenger seat weight pressure sensor circuit fault Test using WDS
B2291	RCM	Advanced Restraint System	Passenger spatial sensing (Occupancy Position) CAN circuit fault Flash code 17	Y	CR87 -17 -18	Passenger spatial sensing CAN circuit fault Passenger spatial sensor(s) circuit(s) fault Test using WDS
B2292	RCM	Advanced Restraint System	Seat belt pretensioner circuit fault Flash code 33 – driver side Flash code 34 – passenger side	Y	CR87 -31 -32 CR87 -33 -34	Driver seat belt pretensioner circuit fault Passenger seat belt pretensioner circuit fault Test using WDS

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2293	RCM	Advanced Restraint System	Airbag circuit status fault Flash code 19 – driver side Flash code 21 – passenger side	Y	CR86 -1 -2 -05 -06 CR86 -3 -4 -13 -14	Driver airbag circuit fault Test using WDS Passenger airbag circuit fault Test using WDS
B2294	RCM	Advanced Restraint System	Curtain airbag circuit status fault Flash code 24 – driver side Flash code 25 – passenger side	Y	CR87 -03 -04 CR87 -05 -06	Driver curtain airbag circuit fault Test using WDS Passenger curtain airbag circuit fault Test using WDS
B2295	RCM	Advanced Restraint System	Side airbag circuit status fault Flash code 22 – driver side Flash code 23 – passenger side	Y	CR87 -01 -02 CR87 -21 -22	Driver side airbag circuit fault Test using WDS Passenger side airbag circuit fault Test using WDS

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2296	RCM	Advanced Restraint System	Impact sensor circuit status fault Flash code 42 – Front impact sensor Flash code 43 – Driver side impact sensor Flash code 44 – Passenger side impact sensor Flash code 45 – Driver rear side impact sensor Flash code 46 – Passenger rear side impact sensor	Y	CR87 -19 -20 CR87 -27 -28 CR87 -29 -30 CR87 -13 -14 CR87 -15 -16	Impact sensor circuit fault Test using WDS
B2309	DSM	Driver Seat	Driver seat motor(s) out of range (PID A106 indicates seat position function effected)	N	—	Driver seat motor circuit(s) fault DSM failure
B2309	RMM	Powered Rear Seats	Rear seat motor(s) out of range (PID A106 indicates seat position function effected)	N	—	Rear seat motor circuit(s) fault RMM failure
B2314	FEM	Door Mirrors	Passenger door mirror horizontal position sensor circuit fault	N	CR1 -7 -8 -22	Passenger door mirror horizontal position sensor circuit: short circuit to B+ voltage Passenger door mirror horizontal position sensor supply and / or ground circuit(s) fault
B2315	FEM	Door Mirrors	Passenger door mirror horizontal position sensor circuit fault	N	CR1 -7 -8 -22	Passenger door mirror horizontal position sensor circuit: open circuit, short circuit to ground Passenger door mirror horizontal position sensor supply and / or ground circuit(s) fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2318	FEM	Door Mirrors	Passenger door mirror vertical position sensor circuit fault	N	CR1 -11 -8 -22	Passenger door mirror vertical position sensor circuit: short circuit to B+ voltage Passenger door mirror vertical position sensor supply and / or ground circuit(s) fault
B2319	FEM	Door Mirrors	Passenger door mirror vertical position sensor circuit fault	N	CR1 -11 -8 -22	Passenger door mirror vertical position sensor circuit: open circuit, short circuit to ground Passenger door mirror vertical position sensor supply and / or ground circuit(s) fault
B2322	DDM	Door Mirrors	Driver door mirror horizontal position sensor circuit fault	N	DD11 -14	Driver door mirror horizontal position sensor circuit: short circuit to B+ voltage Driver door mirror horizontal position sensor failure
B2323	DDM	Door Mirrors	Driver door mirror horizontal position sensor circuit fault	N	DD11 -14	Driver door mirror horizontal position sensor circuit: short circuit to ground Driver door mirror horizontal position sensor failure
B2326	DDM	Door Mirrors	Driver door mirror vertical position sensor circuit fault	N	DD11 -15	Driver door mirror vertical position sensor circuit: short circuit to B+ voltage Driver door mirror vertical position sensor failure
B2327	DDM	Door Mirrors	Driver door mirror vertical position sensor circuit fault	N	DD11 -15	Driver door mirror vertical position sensor circuit: short circuit to ground Driver door mirror vertical position sensor failure
B2329	IC	Steering Column Adjust	Steering column reach position sensor circuit fault CUSTOMER SYMPTOM: Steering column reach movement inoperative	N	IP7 -9	Steering column reach position sensor circuit: open circuit, short circuit to ground Column reach position sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2330	IC	Steering Column Adjust	Steering column reach position sensor circuit fault CUSTOMER SYMPTOM: Steering column reach movement inoperative	N	IP7-9	Steering column reach position sensor circuit: short circuit to B+ voltage Column reach position sensor failure
B2333	IC	Steering Column Adjust	Steering column tilt position sensor circuit fault CUSTOMER SYMPTOM: Steering column tilt movement inoperative	N	IP7-9	Steering column tilt position sensor circuit: open circuit, short circuit to ground Column tilt position sensor failure
B2334	IC	Steering Column Adjust	Steering column tilt position sensor circuit fault CUSTOMER SYMPTOM: Steering column tilt movement inoperative	N	IP7-9	Steering column tilt position sensor circuit: short circuit to B+ voltage Column tilt position sensor failure
B2336	DDM	Door Mirrors	Mirror select LH circuit fault	N	DD12-3	Mirror select circuit: short circuit to ground Driver door switch pack mirror select switch failure
B2351	IC	Steering Column Adjust	Steering column adjust switch signal circuit fault CUSTOMER SYMPTOM: Steering column adjust switch inoperative	N	IP7-17	Steering column adjust switch signal circuit: short circuit to ground, short circuit to B+ voltage Steering column adjust switch failure
B2356	FEM	Front Seat Heaters	Driver (LHD), Passenger (RHD) seat heater drive circuit fault	N	CR10-16	Driver (LHD), Passenger (RHD) seat heater drive circuit: short circuit to ground, short circuit to B+ voltage, over-current fault
B2356	REM	Rear Seat Heaters	LH rear seat heater drive circuit fault	N	CR71-16	LH rear seat heater drive circuit: short circuit to ground, short circuit to B+ voltage, over-current fault
B2360	FEM	Powered Windows	Window motors global drive circuit fault	N	CR1-15	Window motors global drive circuit: short circuit to B+ voltage, over-current fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2361	FEM	Front Seat Heaters	Passenger (LHD), Driver (RHD) seat heater drive circuit fault	N	CR10 -17	Passenger (LHD), Driver (RHD) seat heater drive circuit: excessive power consumption (shutdown by FEM)
B2361	REM	Rear Seat Heaters	RH rear seat heater drive circuit fault	N	CR71 -17	RH rear seat heater drive circuit: short circuit to ground, short circuit to B+ voltage, over-current fault
B2363	FEM	Wash / Wipe System	Rain sensing module signal circuit fault	N	CR1 -4	Rain sensing module signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Rain sensing module failure
B2369	ASCM	Adaptive Speed Control	Chime request circuit fault	Y M	EC23 -6	Chime request circuit: short circuit to ground Chime module failure
B2370	FEM	Front Seat Heaters	Driver (LHD), Passenger (RHD) seat heater drive circuit fault	N	CR10 -16	Driver (LHD), Passenger (RHD) seat heater drive circuit: excessive power consumption (shutdown by FEM)
B2370	REM	Rear Seat Heaters	LH rear seat heater drive circuit fault	N	CR71 -16	LH rear seat heater drive circuit: excessive power consumption (shutdown by REM)
B2371	FEM	Front Seat Heaters	LH seat heater switch signal circuit fault	N	CR85 -18	LH seat heater switch signal circuit: open circuit LH seat heater switch failure (center console)
B2371	REM	Rear Seat Heaters	LH rear seat heater switch signal circuit fault	N	CR4 -10	LH rear seat heater switch signal circuit: open circuit LH rear seat heater switch failure (rear center console)
B2372	FEM	Front Seat Heaters	RH seat heater switch signal circuit fault	N	CR85 -19	RH seat heater switch signal circuit: open circuit RH seat heater switch failure (center console)
B2372	REM	Rear Seat Heaters	RH rear seat heater switch signal circuit fault	N	CR11 -13	RH rear seat heater switch signal circuit: open circuit RH rear seat heater switch failure (rear center console)
B2373	DDM	Driver Memory Positions	Memory set indicator circuit fault	N	DD12 -7	Memory set indicator circuit: short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2373	PAM	Parking Aid	Parking aid status indicator circuit fault	N	CR52-19	Parking aid status indicator circuit: open circuit, short circuit to B+ voltage
B2375	SCLM	Security	Position sensor failure – unlocking	N	—	SCLM failure
B2376	SCLM	Security	Lock cycle timing invalid	N	—	Reconfigure SCLM using WDS SCLM failure
B2377	SCLM	Security	Unlock cycle timing invalid	N	—	Reconfigure SCLM using WDS SCLM failure
B2378	SCLM	Security	Position sensor failure – locking	N	—	SCLM failure
B2379	SCLM	Security	SCLM not configured	N	—	Reconfigure SCLM using WDS
B2401	AUDIO	In-Car Entertainment	Audio unit tape deck fault	N	—	Audio unit failure
B2403	AUDIO	In-Car Entertainment	CD autochanger failure	N	—	CD autochanger failure
B2408	AMP	In-Car Entertainment – Power Amplifier circuits	Speaker circuit(s) fault	N	All speaker	One or more speaker circuits: short circuit to ground Run “Audio Speaker Cycle Command” to test which channel is shorted.
B2414	FEM	Wash / Wipe System	Power wash relay drive circuit fault	N	EC36-16	Powerwash relay drive circuit: short circuit to ground
B2431	IC	Security	Key fob transmitter programming error CUSTOMER SYMPTOM: Key fob transmitter inoperative	N	—	Reprogram key fob(s) Key fob transmitter failure
B2434	RCM	Advanced Restraint System	Driver seat belt switch circuit fault Flash code 51	Y	CR87-25	Driver seat belt switch circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2435	RCM	Advanced Restraint System	Driver seat belt switch circuit fault Flash code 51	Y	CR87 -25	Driver seat belt switch circuit: high resistance Driver seat belt switch failure
B2438	RCM	Advanced Restraint System	Passenger seat belt switch circuit fault Flash code 52	Y	CR87 -26	Passenger seat belt switch circuit: short circuit to ground
B2439	RCM	Advanced Restraint System	Passenger seat belt switch circuit fault Flash code 52	Y	CR87 -26	Passenger seat belt switch circuit: high resistance Passenger seat belt switch failure
B2442	REM	Security	IS signal circuit fault	N	CR4 -6	IS signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage IS failure
B2472	IC	Exterior Lighting: Front Exterior Lighting: Rear	Fog lamp switch signal circuit fault CUSTOMER SYMPTOM: Fog lamp switch inoperative	N	IP7 -6	Fog lamp switch signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Auxiliary lighting switch failure
B2477	AMP	In-Car Entertainment – Power Amplifier circuits	Control module configuration failure	N	—	Reconfigure AMP using WDS
B2477	ASCM	Adaptive Speed Control	Control module configuration failure	Y M	—	Reconfigure ASCM using WDS
B2477	ASM	Air Suspension	Control module configuration failure	M	—	Reconfigure ASM using WDS
B2477	AUDIO	In-Car Entertainment	Control module configuration failure	N	—	Reconfigure AUDIO using WDS
B2477	CCM	Climate Control	Control module configuration failure	N	—	Reconfigure CCM using WDS
B2477	CPM	JaguarNet	Control module configuration failure	N	—	Reconfigure CPM using WDS
B2477	DDM	Driver Door Mirror	Control module configuration failure	N	—	Reconfigure DDM using WDS

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2477	FEM	Front Electronic Module	Control module configuration failure	N	—	Reconfigure FEM using WDS
B2477	HLM (LH or RH)	HID Headlamps	Control module configuration failure	N	—	Reconfigure HLM (LH or RH) using WDS
B2477	IC	Instrument Cluster	Control module configuration failure	N	—	Reconfigure IC using WDS
B2477	IS	Intrusion Sensor	Control module configuration failure	N	—	Reconfigure IS using WDS
B2477	PAM	Parking Aid	Control module configuration failure	N	—	Reconfigure PAM using WDS
B2477	PBM	Electronic Parking Brake	Control module configuration failure	Y M	—	Reconfigure PBM using WDS
B2477	RCM	Advanced Restraint System	Control module configuration failure Flash code 54	Y	—	Reconfigure RCM using WDS
B2477	REM	Rear Electronic Module	Control module configuration failure	N	—	Reconfigure REM using WDS
B2491	FEM	Exterior Lighting: Front	RH front side lamp drive circuit fault	N	EC36 -22	RH front side lamp drive circuit: short circuit to B+ voltage, over-current fault
B2493	FEM	Exterior Lighting: Front	LH front side lamp drive circuit fault	N	EC36 -15	LH front side lamp drive circuit: short circuit to B+ voltage, over-current fault
B2494	FEM	Security / Horns (Ancillaries)	Security horn relay drive circuit fault	N	EC36 -20	Security horn relay drive circuit: short circuit to B+ voltage, over-current fault
B2495	REM	Security	Passive security sounder drive circuit fault	N	CR13 -8	Passive security sounder drive circuit: open circuit, short circuit to ground Passive security sounder failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2496	FEM	Security / Horns	Security horn relay drive circuit fault	N	EC36-20	Security horn relay drive circuit: short circuit to ground
B2499	DDM	Interior Lighting	Driver door mirror approach lamp drive circuit fault	N	DD12-21	Driver door mirror approach lamp drive circuit: open circuit, short circuit to ground
B2512	FEM	Exterior Lighting: Front	Front fog lamps relay drive circuit fault	N	EC36-18	Front fog lamps relay drive circuit: short circuit to B+ voltage, over-current fault
B2513	CCM	Climate Control	Blower drive signal circuit fault	N	AC101-01	Blower drive signal circuit: short circuit to ground
B2513	RCCM	Rear Climate Control	Blower drive signal circuit fault	N	RA1-14	Blower drive signal circuit: open circuit, short circuit to ground Rear blower controller failure
B2514	CCM	Climate Control	Blower drive signal circuit fault	N	AC101-01	Blower drive signal circuit: short circuit to B+ voltage
B2514	RCCM	Rear Climate Control	Blower drive signal circuit fault	N	RA1-14	Blower drive signal circuit: short circuit to B+ voltage
B2525	REM	Exterior Lighting: Rear	Reverse lamps drive circuit fault	N	CR71-9	Reverse lamps bulb failure Reverse lamps drive circuit: open circuit, short circuit to ground Reverse lamp(s) failure (tail lamp unit)
B2526	REM	Exterior Lighting: Rear	Reverse lamps drive circuit fault	N	CR71-9	Reverse lamps drive circuit: short circuit to B+ voltage
B2527	REM	Exterior Lighting: Rear	LH stop lamp drive circuit fault	N	CR71-12	LH stop lamp bulb failure LH stop lamp drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage LH stop lamp failure (tail lamp unit)

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2533	REM	Exterior Lighting: Rear	RH stop lamp drive circuit fault	N	CR71 -11	RH stop lamp bulb failure RH stop lamp drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH stop lamp failure (tail lamp unit)
B2565	REM	Exterior Lighting: Rear	RH tail lamp drive circuit fault	N	CR71 -5	RH tail lamp bulb failure RH tail lamp drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH tail lamp failure (tail lamp unit)
B2577	REM	Exterior Lighting: Rear	LH tail lamp drive circuit fault	N	CR71 -6	LH tail lamp bulb failure LH tail lamp drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage LH tail lamp failure (tail lamp unit)
B2585	CCM	Climate Control	Smog sensor signal circuit fault	N	CR119 -08	Smog sensor signal circuit: short circuit to ground Smog sensor failure
B2598	FEM	Exterior Lighting: Front	Headlamp dip beam relay drive circuit fault	N	EC36 -15	Headlamp dip beam relay drive circuit: short circuit to ground
B2609	HLM (LH)	HID Headlamps	LH control module to stepper motor drive circuit fault	N	EC101 -6 -9 -10 -11	LH headlamp stepper motor and actuator failure
B2612	HLM (RH)	HID Headlamps	RH control module to stepper motor drive circuit fault	N	EC103 -6 -9 -10 -11	RH headlamp stepper motor and actuator failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2626	HLM (LH or RH)	HID Headlamps	Auto leveling not calibrated	N	—	Calibrate control module auto leveling using WDS
B2627	IC	Instrumentation	LH fuel level sensor circuit fault	N	—	LH fuel level sensor(s) circuit(s): open circuit LH fuel level sensor SCP message error LH fuel level sensor(s) failure Check REM for flagged DTC
B2627	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -16 CR11 -23	LH fuel level sensor circuit: open circuit
B2628	IC	Instrumentation	LH fuel level sensor circuit fault	N	—	LH fuel level sensor(s) circuit(s): short circuit to ground LH fuel level sensor SCP message error LH fuel level sensor(s) failure Check REM for flagged DTC
B2628	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -16 CR11 -23	LH fuel level sensor circuit: short circuit to GROUND
B2633	CPM	Telephone	Driver microphone circuit fault	N	TL7 -17 -18	Driver microphone circuit: open circuit Driver microphone failure
B2636	CPM	JaguarNet	SOS switch circuit fault	N	TL7 -15	SOS switch circuit: short circuit to ground SOS switch failure
B2637	CPM	JaguarNet	Information switch circuit fault	N	TL7 -31	Information switch circuit: short circuit to ground Information switch failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2638	CPM	Telephone	Telephone rechargeable battery fault	N	—	Battery charging circuit fault Incorrect battery installed
B2640	CPM	JaguarNet	Airbag deployment signal circuit fault	N	TL7 -30	Airbag deployment signal circuit: open circuit
B2641	CPM	JaguarNet	Airbag deployment signal circuit fault	N	TL7 -30	Airbag deployment signal circuit: short circuit to B+ voltage
B2642	AMP	In-Car Entertainment – Power Amplifier circuits	Low voltage detected	N	TL9 -3 -9	AMP battery supply circuit(s): intermittent open circuit, high resistance Battery / generator charging system fault AMP failure
B2642	AUDIO	In-Car Entertainment	Low voltage detected (monitored by CD autochanger)	N	TL5 -2	CD autochanger battery supply circuit: intermittent open circuit, high resistance Battery / generator charging system fault CD autochanger failure
B2642	MCP	Rear In-Car Entertainment	Low voltage detected	N	TL32 -2	MCP battery supply circuit(s): intermittent open circuit, high resistance Battery / generator charging system fault MCP failure
B2643	AMP	In-Car Entertainment – Power Amplifier circuits	High voltage detected	N	TL9 -3 -9	Battery / generator charging system fault AMP failure
B2645	REM	Rear Seat Heaters	RH rear seat heater temperature sensor signal out of range (low temperature)	N	CR4 -8 CR13 -16	RH rear seat heater temperature sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH rear seat heater temperature sensor failure
B2646	NCM	Television	TV antenna 1 circuit fault	N	CC13	TV antenna 1 circuit: open circuit
B2647	NCM	Television	TV antenna 2 circuit fault	N	CC14	TV antenna 2 circuit: open circuit

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2648	NCM	Television	TV antenna 3 circuit fault	N	CC15	TV antenna 3 circuit: open circuit
B2649	NCM	Television	TV antenna 4 circuit fault	N	CC16	TV antenna 4 circuit: open circuit
B2650	NCM	Television	TV antenna 1 circuit fault	N	CC13	TV antenna 1 circuit: short circuit
B2651	NCM	Television	TV antenna 2 circuit fault	N	CC14	TV antenna 2 circuit: short circuit
B2652	NCM	Television	TV antenna 3 circuit fault	N	CC15	TV antenna 3 circuit: short circuit
B2653	NCM	Television	TV antenna 4 circuit fault	N	CC16	TV antenna 4 circuit: short circuit
B2655	NCM	Telematics display	Telematics display internal fault	N	—	Telematics display failure
B2656	MCP	Rear In-Car Entertainment	DVD player not detected	N	—	DVD harness fault: open circuit, short circuit DVD failure
B2656	NCM	Navigation	NCM DVD error	N	—	NCM failure
B2665	REM	Security	Active security sounder drive circuit fault	N	CR4 -5	Active security sounder drive circuit: open circuit, short circuit to ground, short circuit to B+ voltage Active security sounder failure
B2691	RCM	Advanced Restraint System	Driver seat belt switch circuit fault Flash code 51	Y	CR87 -25	Driver seat belt switch circuit: open circuit, short circuit to B+ voltage
B2692	RCM	Advanced Restraint System	Passenger seat belt switch circuit fault Flash code 52	Y	CR87 -26	Passenger seat belt switch circuit: open circuit, short circuit to B+ voltage
B2704	FEM	Wash / Wipe System	Rain sensing module power supply circuit fault	N	CR1 -6	Rain sensing module power supply circuit: short circuit to ground

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2729	REM	Rear Seat Heaters	LH rear seat heater temperature sensor signal out of range (high temperature)	N	CR4 -9 CR13 -17	LH rear seat heater temperature sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage LH rear seat heater temperature sensor failure
B2736	DSCM	Dynamic Stability Control	Pedal travel sensor circuit fault	Y M	EC30 -24 -26 -40	Pedal travel sensor circuit: open circuit, short circuit to ground, short circuit to B+ voltage, short circuit to each other, high resistance Pedal travel sensor failure
B2739	DSCM	Dynamic Stability Control	Pedal travel sensor signal circuit fault	Y M	EC30 -40	Pedal travel sensor incorrectly mounted Pedal travel sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage, high resistance Pedal travel sensor failure Brake hydraulic unit failure
B2741	DSCM	Dynamic Stability Control	Yaw rate and lateral acceleration sensors cluster circuit fault	Y M	EC30 -5 -7 -25 -29	Yaw rate and lateral acceleration sensors cluster circuit: open circuit, short circuit to ground, short circuit to B+ voltage, short circuit to each other, high resistance Yaw rate and lateral acceleration sensors cluster failure
B2789	FEM	Glove Box Door (Ancillaries)	Glove box door motor drive circuit fault	N	EC36 -9	Glove box door motor drive circuit short circuit to B+ voltage, over-current fault
B2804	ASM	Air Suspension	Reservoir solenoid drive circuit fault	M	CR91 -8	Reservoir solenoid drive circuit: short circuit to B+ voltage Reservoir solenoid failure
B2807	ASM	Air Suspension	Pressure sensor signal circuit fault	M	CR90 -14	Pressure sensor signal circuit: short circuit to B+ voltage Pressure sensor failure
B2808	ASM	Air Suspension	Pressure sensor supply circuit fault	M	CR90 -13	Pressure sensor supply circuit: short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2809	ASM	Air Suspension	Pressure sensor supply circuit fault	M	CR90 -13	Pressure sensor supply circuit: short circuit to ground
B2810	ASM	Air Suspension	Vent solenoid circuit fault	M	CR91 -10 -11	Vent solenoid circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage Vent solenoid failure
B2826	CCM	Climate Control	Evaporator temperature sensor signal circuit fault	N	AC100 -02	Evaporator temperature sensor signal circuit: open circuit, short circuit to B+ voltage Evaporator temperature sensor failure
B2827	CCM	Climate Control	Evaporator temperature sensor signal circuit fault	N	AC100 -02	Evaporator temperature sensor signal circuit: short circuit to ground Evaporator temperature sensor failure
B2828	RCCM	Rear Climate Control	Rear evaporator temperature sensor signal circuit fault	N	RA1 -9	Rear evaporator temperature sensor signal circuit: short circuit to ground Rear evaporator temperature sensor failure
B2829	RCCM	Rear Climate Control	Rear evaporator temperature sensor signal circuit fault	N	RA1 -9	Rear evaporator temperature sensor signal circuit: open circuit, short circuit to B+ voltage Rear evaporator temperature sensor failure
B2830	HLM (LH or RH)	HID Headlamps	ASM vehicle attitude PWM signal out of range	N	EC101 -4 EC103 -4	ASM vehicle attitude PWM signal circuit: high resistance, intermittent high resistance ASM failure
B2831	HLM (LH or RH)	HID Headlamps	ASM vehicle attitude PWM signal circuit fault	N	EC101 -4 EC103 -4	ASM vehicle attitude PWM signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage ASM failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2832	CCM	Climate Control	LH mode servo fault	N	AC100-14	LH mode servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage
					AC101-11-24	LH mode servo drive circuit(s): open circuit, short circuit to ground LH mode servo failure
			AC100-06		RH mode servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage	
			AC101-10-23		RH mode servo drive circuit(s): open circuit, short circuit to ground RH mode servo failure	
B2832	RCCM	Rear Climate Control	Rear mode servo circuit fault	N	RA1-1	Rear mode servo position sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage Rear mode servo position sensor failure (servo failure)
					-4-5	Rear mode servo drive circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage Rear mode servo failure
B2833	CCM	Climate Control	Sensor ground circuit fault	N	CR119-18	Sensor ground circuit: open circuit
			Sensor supply circuit fault	N	AC100-08	Sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage
			Sensor ground circuit fault	N	AC100-16	Sensor ground circuit: open circuit
B2833	RCCM	Rear Climate Control	Sensor supply circuit fault	N	RA1-11	Sensor supply circuit: open circuit, short circuit to ground, short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2834	CCM	Climate Control	LH air mix servo fault RH air mix servo fault	N	AC100-13 AC101-08-21 AC100-05 AC101-07-20	LH air mix servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage LH air mix servo drive circuit(s): open circuit, short circuit to ground LH air mix servo failure RH air mix servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage RH air mix servo drive circuit(s): open circuit, short circuit to ground RH air mix servo failure
B2834	RCCM	Rear Climate Control	LH rear air mix servo circuit fault RH rear air mix servo circuit fault	N N	RA1-2 RA2-6-12 RA1-3 RA2-10-11	LH rear air mix servo position sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage LH rear air mix servo position sensor failure (servo failure) LH rear air mix servo drive circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage LH rear air mix servo failure RH rear air mix servo position sensor signal circuit: open circuit, short circuit to ground, short circuit to B+ voltage RH rear air mix servo position sensor failure (servo failure) RH rear air mix servo drive circuit(s): open circuit, short circuit to ground, short circuit to B+ voltage RH rear air mix servo failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2835	CCM	Climate Control	LH outlet air temperature sensor signal circuit fault RH outlet air temperature sensor signal circuit fault	N	AC100-10 AC100-11	LH outlet air temperature sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage LH outlet air temperature sensor failure RH outlet air temperature sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage RH outlet air temperature sensor failure
B2836	CCM	Climate Control	In-car temperature sensor signal circuit fault	N	AC100-01	In-car temperature sensor signal circuit: open circuit, short circuit to B+ voltage In-car temperature sensor failure
B2837	CCM	Climate Control	In-car temperature sensor signal circuit fault	N	AC100-01	In-car temperature sensor signal circuit: short circuit to ground In-car temperature sensor failure
B2840	CCM	Climate Control	Ambient air temperature sensor signal circuit fault	N	CR119-19	Ambient air temperature sensor signal circuit: open circuit, short circuit to B+ voltage Ambient air temperature sensor failure
B2841	CCM	Climate Control	Ambient air temperature sensor signal circuit fault	N	CR119-19	Ambient air temperature sensor signal circuit: short circuit to ground Ambient air temperature sensor failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2842	CCM	Climate Control	LH cool air bypass / defrost servo fault RH cool air bypass / defrost servo fault	N	AC100-15 AC101-13-26 AC100-07 AC101-12-25	LH cool air bypass / defrost servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage LH cool air bypass / defrost servo drive circuit(s): open circuit, short circuit to ground LH cool air bypass / defrost servo failure RH cool air bypass / defrost servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage RH cool air bypass / defrost servo drive circuit(s): open circuit, short circuit to ground RH cool air bypass / defrost servo failure
B2843	CCM	Climate Control	Air intake servo fault	N	AC100-12 AC101-09-22	Air intake servo position sensor signal circuit: short circuit to ground, open circuit, short circuit to B+ voltage Air intake servo drive circuit(s): open circuit, short circuit to ground Air intake servo failure
B2844	CCM	Climate Control	Ignition signal circuit fault	N	CR119-03	Ignition signal circuit: open circuit, short circuit to ground
B2844	RCCM	Rear Climate Control	Ignition supply circuit fault	N	RA2-7	Ignition supply circuit: open circuit, short circuit to ground
B2846	CCM	Climate Control	Dual solar sensor signal circuit(s) fault	N	AC100-03-04	Dual solar sensor signal circuit(s): short circuit to ground, open circuit, short circuit to B+ voltage Dual solar sensor failure
B2879	IC	Engine Management	Fuel pump(s) fault (inferred fault)	N	—	Check ECM for flagged fuel DTCs

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
B2881	IC	Steering Column Adjust	Column reach out movement fault	N	IP7 -9	Steering column electrical or mechanical fault
B2882	IC	Steering Column Adjust	Column reach in movement fault	N	IP7 -9	Steering column electrical or mechanical fault
B2883	IC	Steering Column Adjust	Column tilt out movement fault	N	IP7 -20	Steering column electrical or mechanical fault
B2884	IC	Steering Column Adjust	Column tilt in movement fault	N	IP7 -20	Steering column electrical or mechanical fault
B2888	AUDIO	In-Car Entertainment	Audio unit media fault	N	—	Audio unit failure
B2909	RCM	Advanced Restraint System	Passenger seat belt tension sensor fault Flash code 16	Y	CR87 -17 -18	Passenger seat belt tension sensor CAN circuit fault Passenger seat belt tension sensor circuit fault Test using WDS
B2912	DSCM	Dynamic Stability Control	Reverse gear plausibility error	Y M	—	Reverse gear engaged CAN message fault Yaw rate and lateral acceleration sensors cluster failure
B2915	REM	Instrumentation	RH fuel level sensor circuit fault	N	CR4 -16 CR11 -23	LH fuel level sensor circuit: short circuit to B+ voltage