



Network 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 "Network 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 is activated. N = MIL 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
U1147	IC	Security	SCP invalid or missing REM data during security operations	N	—	REM SCP circuit: open circuit, short circuit to B+ voltage, short circuit to ground REM SCP fault SCP network fault
U1260	DDM	Driver Door Module	SCP +ve circuit fault	N	DD13 -3	SCP +ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1260	DSM	Driver Seat	SCP +ve circuit fault	N	SD2 -1	SCP +ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1260	FEM	Front Electronic Module	SCP +ve circuit fault	N	CR9 -7	SCP +ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1260	REM	Rear Electronic Module	SCP +ve circuit fault	N	CR13 -1	SCP +ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1260	RMM	Rear Memory Module	SCP +ve circuit fault	N	CR38 -1	SCP +ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1261	DDM	Driver Door Module	SCP -ve circuit fault	N	DD13 -4	SCP -ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1261	DSM	Driver Seat	SCP -ve circuit fault	N	SD2 -12	SCP -ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1261	FEM	Front Electronic Module	SCP -ve circuit fault	N	CR9 -1	SCP -ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1261	REM	Rear Electronic Module	SCP -ve circuit fault	N	CR13 -2	SCP -ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage
U1261	RMM	Rear Memory Module	SCP -ve circuit fault	N	CR38 -12	SCP -ve circuit: open circuit, short circuit to ground, short circuit to B+ voltage

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U1262	AUDIO	In-Car Entertainment	SCP network circuit fault	N	CC8 -9 -10	SCP network circuit: open circuit, short circuit to B+ voltage, short circuit to ground SCP network fault Audio unit SCP failure
U1262	DDM	Driver Door Module	SCP circuit fault	N	DD13 -3 -4	SCP circuits: open circuit, short circuit to ground, short circuit to B+ voltage
U1262	IC	Instrument Cluster	SCP network circuit fault	N	IP6 -10 -20	SCP network circuit: open circuit, short circuit to B+ voltage, short circuit to ground SCP network fault IC SCP failure
U1751	IC	Central Locking	SCP missing REM steering column lock status message	N	—	REM SCP fault SCP network fault
U1752	IC	Central Locking	SCP missing FEM steering column lock status message	N	—	FEM SCP fault SCP network fault
U1900	ASM	Air Suspension	CAN communication fault	N	CR88 -7 -8	CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground ASM internal CAN fault CAN network fault
U1900	IC	Security (PATS)	CAN communication fault	N	IP6 -8 -9	CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground IC internal CAN fault CAN network fault
U1901	DSCM	Dynamic Stability Control	Local CAN network (steering angle sensor, yaw rate and lateral acceleration sensor) communication fault	N	EC30 -25 -29	Local CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground DSCM internal local CAN fault Local CAN network fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2003	AUDIO	In-Car Entertainment	CD autochanger not responding on D2B network	N	CC8 -19 TL5 -3 CC21 -1 -2	D2B "wake-up" circuit: open circuit, short circuit to B+ voltage CD autochanger D2B fault D2B network fault
U2008	AUDIO	In-Car Entertainment	CPM not responding on D2B network	N	CC8 -19 CC21 -1 -2	D2B "wake-up" circuit: open circuit, circuit to B+ voltage CPM D2B fault D2B network fault
U2012	DSCM	Dynamic Stability Control	CAN communication fault	N	EC30 -11 -12 -14 -15	CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground DSCM internal CAN fault CAN network fault
U2019	AUDIO	In-Car Entertainment	VAM not responding on D2B network	N	CC8 -19 CC21 -1 -2	D2B "wake-up" circuit: open circuit, circuit to B+ voltage VAM D2B fault D2B network fault
U2022	CCM	Climate Control	Control panel communication error	N	AC101 -2 AC101 -3	Control panel "clock" circuit: open circuit, short circuit to ground, short circuit to B+ voltage Control panel data circuit: open circuit, short circuit to ground, short circuit to B+ voltage Control panel failure
U2022	RCCM	Rear Climate Control	Control panel communication error	N	—	Control panel (RCCM) failure

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2023	ASCM	Adaptive Speed Control	CAN fault message received from other network module(s)	N	EC23 -4 -10	CAN / ASCM related fault: ECM, TCM, DSCM, IC ASCM internal CAN fault CAN network fault
U2150	DDM	Driver Door Module	SCP invalid REM data during security and locking operations	N	—	REM SCP circuit: open circuit, short circuit to B+ voltage, short circuit to ground REM SCP fault SCP network fault
U2150	IC	Central Locking	SCP missing or invalid REM steering column lock enable status message	N	—	REM SCP fault SCP network fault
U2152	IC	Central Locking	SCP missing or invalid FEM steering column lock enable status message	N	—	FEM SCP fault SCP network fault
U2160	DDM	Driver Door Module	SCP invalid IC data during security and locking operations	N	—	IC SCP circuit: open circuit, short circuit to B+ voltage, short circuit to ground IC SCP fault SCP network fault
U2195	DDM	Driver Door Module	SCP invalid SCLM data during security and locking operations	N	—	SCLM SCP circuit: open circuit, short circuit to B+ voltage, short circuit to ground SCLM SCP fault SCP network fault
U2195	IC	Central Locking	SCP missing or invalid SCLM steering column lock enable status message	N	—	SCLM SCP fault SCP network fault
U2196	IC	Instrumentation	CAN invalid ECM engine speed data	N	—	ECM CAN fault CAN network fault
U2197	IC	Instrumentation	CAN invalid DSCM vehicle speed data	N	—	DSCM CAN fault CAN network fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2199	IC	Instrumentation	CAN invalid ECM engine coolant temperature data	N	—	ECM CAN fault CAN network fault
U2200	IC	Instrumentation	CAN invalid DSCM odometer count "ODO count" data	N	—	DSCM CAN fault CAN network fault
U2202	DSCM	Dynamic Stability Control	CAN invalid configuration data received	N	EC30 -11 -12 -14 -15	ECM, TCM or ASCM incorrectly configured
U2501	ASCM	Adaptive Speed Control	CAN ECM "token" missing	N	EC23 -4 -10	CAN ECM "token" missing on network (other CAN modules also flag ECM "token" missing fault) ECM / CAN fault CAN network fault
U2502	ASCM	Adaptive Speed Control	CAN TCM "token" missing	N	EC23 -4 -10	CAN TCM "token" missing on network (other CAN modules also flag TCM "token" missing fault) TCM / CAN fault CAN network fault
U2503	ASCM	Adaptive Speed Control	CAN IC "token" missing	N	EC23 -4 -10	CAN IC "token" missing on network (other CAN modules also flag IC "token" missing fault) IC / CAN fault CAN network fault
U2504	ASCM	Adaptive Speed Control	CAN DSCM "token" missing	N	EC23 -4 -10	CAN DSCM "token" missing on network (other CAN modules also flag DSCCM "token" missing fault) DSCM / CAN fault CAN network fault
U2505	ASCM	Adaptive Speed Control	CAN TCM message missing	N	—	TCM CAN DTC flagged

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2506	AUDIO	In-Car Entertainment	D2B slave module unable to initialize its address	N	CC21 -1 -2	One or more slave modules duplicated on the D2B network ring
U2510	IC	Security (PATS)	CAN invalid ECM data for vehicle security (incorrect PATS identification – IC / ECM)	N	—	Reconfigure IC / ECM using WDS
U2511	IC	Controller Area Network	CAN communication failure – IC to ECM	N	IP6 -8 -9	CAN network circuit: open circuit, short circuit to B+ voltage, short circuit to ground CAN network fault ECM CAN failure
U2515	DSCM	Dynamic Stability Control	CAN adaptive speed control message missing	N	—	TCM CAN DTC flagged
U2515	IC	Instrumentation	CAN ASCM data missing	N	—	ASCM CAN DTC flagged
U2516	ASM	Air Suspension	CAN not responding	N	CR88 -7 -8	Multiple CAN modules with CAN DTCs flagged CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground ASM internal CAN fault CAN network fault
U2516	CCM	Climate Control	CAN not responding	N	CR119 -16 -17	Multiple CAN modules with CAN DTCs flagged CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground CCM internal CAN fault CAN network fault
U2516	IC	Controller Area Network	CAN network circuit fault	N	IP6 -8 -9	CAN network circuit: open circuit, short circuit to B+ voltage, short circuit to ground CAN network fault

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2516	RCCM	Rear Climate Control	CAN not responding	N	RA1 -8 -16	Multiple CAN modules with CAN DTCs flagged CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground CCM internal CAN fault CAN network fault
U2518	ASM	Air Suspension	CAN CCM message missing	N	—	CCM CAN DTC flagged
U2520	ASCM	Adaptive Speed Control	CAN IC missing	N	EC23 -4 -10	IC CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground IC CAN fault CAN network fault
U2520	CCM	Climate Control	CAN IC missing	N	CR119 -6 -7 16 -17	IC CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground IC CAN fault CAN network fault
U2521	ASCM	Adaptive Speed Control	CAN DSCM missing	N	EC23 -4 -10	DSCM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground DSCM CAN fault CAN network fault
U2521	ASM	Air Suspension	CAN DSCM message missing	N	—	DSCM CAN DTC flagged
U2521	CCM	Climate Control	CAN DSCM missing	N	CR119 -6 -7 16 -17	DSCM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground DSCM CAN fault CAN network fault
U2521	IC	Instrumentation	CAN DSCM vehicle speed data missing	N	—	DSCM CAN DTC flagged

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2522	ASCM	Adaptive Speed Control	CAN TCM missing	N	EC23 -4 -10	TCM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground TCM CAN fault CAN network fault
U2522	DSCM	Dynamic Stability Control	CAN TCM missing	N	EC30 -11 -12 -14 -15	TCM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground TCM CAN fault CAN network fault
U2522	IC	Instrumentation	CAN TCM gear selected data missing	N	—	TCM CAN DTC flagged
U2523	ASCM	Adaptive Speed Control	CAN ECM missing	N	EC23 -4 -10	ECM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground ECM CAN fault CAN network fault
U2523	ASM	Air Suspension	CAN ECM message missing	N	—	ECM CAN DTC flagged
U2523	CCM	Climate Control	CAN ECM missing	N	CR119 -6 -7 16 -17	ECM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground ECM CAN fault CAN network fault
U2523	DSCM	Dynamic Stability Control	CAN ECM missing	N	EC30 -11 -12 -14 -15	ECM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground ECM CAN fault CAN network fault
U2523	IC	Instrumentation	CAN ECM engine speed data missing	N	—	ECM CAN DTC flagged
U2524	IC	Instrumentation	CAN ASM data missing	N	—	ASM CAN DTC flagged

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2525	CCM	Climate Control	CAN RCCM missing	N	CR119 -6 -7 16 -17	RCCM CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground RCCM CAN fault CAN network fault
U2527	DSCM	Dynamic Stability Control	Local CAN network (steering angle sensor, yaw rate and lateral acceleration sensor) transmit fault	N	EC30 -25 -29	Local CAN circuit: open circuit, short circuit to B+ voltage, short circuit to ground DSCM internal Local CAN fault Local CAN network fault
U2601	AMP	In-Car Entertainment	D2B "wake-up" circuit fault	N	TL9 -5	D2B "wake-up" circuit: short circuit to ground
U2601	AUDIO	In-Car Entertainment	D2B "wake-up" circuit fault	N	CC8 -19	D2B "wake-up" circuit: short circuit to ground
U2601	CPM	Telephone	D2B "wake-up" circuit fault	N	TL7 -23	D2B "wake-up" circuit: short circuit to ground
U2601	MCP	Rear In-Car Entertainment	D2B "wake-up" circuit fault	N	RC1 -6	D2B "wake-up" circuit: short circuit to ground
U2601	VAM	Voice Control	D2B "wake-up" circuit fault	N	TL68 -14	D2B "wake-up" circuit: short circuit to ground
U2602	AUDIO	In-Car Entertainment	D2B network "ring" incomplete (fault reported)	N	CC21 -1 -2	D2B network module disconnected D2B network circuit: open circuit
U2603	AUDIO	In-Car Entertainment	D2B network "ring" incomplete (fault not reported)	N	CC21 -1 -2	D2B network module disconnected D2B network circuit: open circuit

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2604	AUDIO	In-Car Entertainment	D2B network "ring" incomplete (corrupted fault report)	N	CC21 -1 -2	D2B network module disconnected D2B network circuit: open circuit
U2605	AUDIO	In-Car Entertainment	Audio unit unable to initialize its address	N	CC21 -1 -2	More than one master module (audio unit) on the D2B network ring
U2607	AUDIO	In-Car Entertainment	D2B slave module switched into bypass mode	N	CC21 -1 -2	One or more slave modules on the D2B network ring switched into bypass mode
U2609	AMP	In-Car Entertainment	D2B "wake-up" signal out of specification	N	TL9 -5	D2B "wake-up" circuit: high resistance D2B network slave module failure AMP failure
U2609	AUDIO	In-Car Entertainment	D2B "wake-up" signal out of specification	N	CC21 -19	D2B "wake-up" circuit: high resistance D2B network slave module failure
U2609	CPM	Telephone	D2B "wake-up" signal out of specification	N	TL7 -23	D2B "wake-up" circuit: high resistance D2B network slave module failure
U2609	MCP	Rear In-Car Entertainment	D2B "wake-up" signal out of specification	N	RC1 -6	D2B "wake-up" circuit: high resistance D2B network slave module failure MCP failure
U2609	VAM	Voice Control	D2B "wake-up" signal out of specification	N	TL68 -14	D2B "wake-up" circuit: high resistance D2B network slave module failure VAM failure
U2610	AMP	In-Car Entertainment	D2B network "position status report" not received	N	—	D2B network error

DTC	CM	SYSTEM	FAULT DESCRIPTION	MIL	CM PIN	POSSIBLE CAUSES
U2610	CPM	Telephone	D2B network "position status report" not received	N	—	D2B network error
U2610	MCP	Rear In-Car Entertainment	D2B network "position status report" not received	N	—	D2B network error
U2610	VAM	Voice Control	D2B network "position status report" not received	N	—	D2B network error
U2611	AMP	In-Car Entertainment	D2B network "alarm clear command" not received	N	—	D2B network error
U2611	CPM	Telephone	D2B network "alarm clear command" not received	N	—	D2B network error
U2611	MCP	Rear In-Car Entertainment	D2B network "alarm clear command" not received	N	—	D2B network error
U2611	VAM	Voice Control	D2B network "alarm clear command" not received	N	—	D2B network error
U2613	AUDIO	In-Car Entertainment	NCM not responding on D2B network	N	CC21 -19 CC21 -1 -2	D2B "wake-up" circuit: open circuit, short circuit to B+ voltage NCM D2B fault D2B network fault
U2614	AUDIO	In-Car Entertainment	AMP not responding on D2B network	N	CC21 -19 CC21 -1 -2	D2B "wake-up" circuit: open circuit, short circuit to B+ voltage AMP D2B fault D2B network fault
U2615	AUDIO	In-Car Entertainment	MCP not responding on D2B network	N	CC21 -19 CC21 -1 -2	D2B "wake-up" circuit: open circuit, short circuit to B+ voltage MCP D2B fault D2B network fault