

2012 - Mazda6 - Body and Accessories

DTC TABLE [MULTI PLEX COMMUNICATION SYSTEM]

HS-CAN

DTC Output Unit	DTC	Malfunction location	Reference for inspection procedure
PCM*2	U0073:00*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to BCM	
	U0151:00	Communication error to SAS control module	
	U0155:00	Communication error to instrument cluster	
PCM*3	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0140:00	Communication error to BCM	
DSC HU/CM	U0001:88*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	
	U0140:00	Communication error to BCM	
	U0155:00	Communication error to instrument cluster	

	U0214:00	Communication error to keyless control module	
	U0401:00 ^{*1}	Signal error from PCM	(See DTC U0401:00/ U0401:68 [DYNAMIC STABILITY CONTROL (DSC)] .)
	U0401:68 ^{*1}	Signal error from PCM	
	U0402:00 ^{*1}	Signal error from TCM	(See DTC U0402:00 [DYNAMIC STABILITY CONTROL (DSC)] .)
TCM (FS5A-EL) ^{*4}	U0073:00 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
TCM (AY6A-EL) ^{*4}	U0073:00 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to instrument cluster	
	U0415:00 ^{*1}	Invalid data received from DSC HU/CM (wheel speed)	(See DTC U0415:00 [AY6A-EL] .)
Keyless control module ^{*5}	U0001:88 ^{*1}	Unit communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0401:68 ^{*1}	Signal error from PCM	(See DTC U0401:68 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
	U0001:88 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	
	U0101:00	Communication error to TCM	

BSM control module*6	U0140:00	Communication error to BCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0232:00	Communication error to BSM control module (LH)	
	U0233:00	Communication error to BSM control module (RH)	
	U0401:68*1	Signal error from PCM	(See DTC U0401:68 [BLIND SPOT MONITORING (BSM)] .)
	U0402:68*1	Signal error from TCM	(See DTC U0402:68 [BLIND SPOT MONITORING (BSM)] .)
	U0422:68*1	Signal error from BCM	(See DTC U0422:68 [BLIND SPOT MONITORING (BSM)] .)
	U0533:68*1	Signal error from BSM control module (LH)	(See DTC U0533:68 [BLIND SPOT MONITORING (BSM)] .)
	U0534:68*1	Signal error from BSM control module (RH)	(See DTC U0534:68 [BLIND SPOT MONITORING (BSM)] .)
SAS control module	U0001:88*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0155:00	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
BCM	U0001:88*1	Unit communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	
	U0151:00	Communication error to SAS control module	
	U0214:00	Communication error to keyless control module	
	U0401:68*1	Signal error from PCM	(See DTC U0401:68 [BCM] .)
	U0402:68*1	Signal error from TCM	(See DTC U0402:68 [BCM] .)

Instrument cluster	U0001:88* ¹	Module communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:87* ¹	Communication error between the instrument cluster and the PCM (no response)	(See SECURITY LIGHT: 16, DTC: U0100:87/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .)
	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to BCM	
	U0151:00	Communication error to SAS control module	
	U0214:00	Communication error to keyless control module	
	U0233:00	Communication error to BSM control module (RH)	
	U0401:68* ¹	Signal error from PCM	(See DTC U0401:68 [INSTRUMENT CLUSTER] .)
	U0402:68* ¹	Signal error from TCM	(See DTC U0402:68 [INSTRUMENT CLUSTER] .)
	U0415:68* ¹	Signal error from DSC HU/CM	(See DTC U0415:68 [INSTRUMENT CLUSTER] .)
	U0515:68* ¹	Signal error from keyless control module	(See DTC U0515:68 [INSTRUMENT CLUSTER] .)

- *¹ If only the target DTCs are displayed, perform the corresponding DTC inspection without determining the open circuit location.
- *² **MZR 2.5**
- *³ **MZI 3.7 V6**
- *⁴ **ATX**
- *⁵ **With advanced keyless entry and push button start system**
- *⁶

With BSM system

MS-CAN

DTC Output Unit	DTC	Malfunction location	Reference for inspection procedure
Instrument cluster	U0010:88 ^{*1}	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTIPLEX COMMUNICATION SYSTEM] .)
	U0164:00	Communication error to climate control unit	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTIPLEX COMMUNICATION SYSTEM] .)
Climate control unit ^{*2}	U0010:88 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTIPLEX COMMUNICATION SYSTEM] .)
	U0155:00	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTIPLEX COMMUNICATION SYSTEM] .)
	U0184:00	Communication error to audio unit/car-navigation unit	
	U0423:68	Invalid date received from Instrument cluster	
Bluetooth unit (with audio system) ^{*3}	Device code 26:Error code 81 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTIPLEX COMMUNICATION SYSTEM] .)
Bluetooth unit (with audio system) ^{*4}	26:Er81 ^{*1}	CAN system communication error	
Bluetooth unit (with car-navigation system)	Device code 26:Error code 81 ^{*1}	CAN system communication error	
Audio unit (with audio system) ^{*3}	Device code 16:Error code 11 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTIPLEX COMMUNICATION SYSTEM] .)
	Device code 16:Error code 12 ^{*1}	CAN system communication error	
	16:Er11 ^{*1}	CAN system	

Audio unit (with audio system)*4		communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	16:Er12*1	CAN system communication error	
Car-navigation unit (with car-navigation system)	Device code 16:Error code 12*1	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	Device code 17:Error code 11	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
Information display*5	U0001088*1	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U015500HEC	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U016400EATC	Communication error to climate control unit	
	U018400ACU	Communication error to audio unit	
Information display*6	01:Er*1	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	02:3E	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	02:2E	Communication error to climate control unit	
	02:1E	Communication error to audio unit	

*1

If only the target DTCs are displayed, perform the corresponding DTC inspection without determining the open circuit location.

*2

With full-auto air conditioner

*3

With display (audio unit)

*4

Without display (audio unit)

*5

*6 **Information display (type A)**
 Information display (type B)

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DTC TABLE [MULTI PLEX COMMUNICATION SYSTEM]

HS-CAN

DTC Output Unit	DTC	Malfunction location	Reference for inspection procedure
PCM*2	U0073:00*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to BCM	
	U0151:00	Communication error to SAS control module	
	U0155:00	Communication error to instrument cluster	
PCM*3	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0140:00	Communication error to BCM	
DSC HU/CM	U0001:88*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	
	U0140:00	Communication error to BCM	
	U0155:00	Communication error to instrument cluster	

	U0214:00	Communication error to keyless control module	
	U0401:00 ^{*1}	Signal error from PCM	(See DTC U0401:00/ U0401:68 [DYNAMIC STABILITY CONTROL (DSC)] .)
	U0401:68 ^{*1}	Signal error from PCM	
	U0402:00 ^{*1}	Signal error from TCM	(See DTC U0402:00 [DYNAMIC STABILITY CONTROL (DSC)] .)
TCM (FS5A-EL) ^{*4}	U0073:00 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
TCM (AY6A-EL) ^{*4}	U0073:00 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to instrument cluster	
	U0415:00 ^{*1}	Invalid data received from DSC HU/CM (wheel speed)	(See DTC U0415:00 [AY6A-EL] .)
Keyless control module ^{*5}	U0001:88 ^{*1}	Unit communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0401:68 ^{*1}	Signal error from PCM	(See DTC U0401:68 [ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM] .)
	U0001:88 ^{*1}	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	
	U0101:00	Communication error to TCM	

BSM control module*6	U0140:00	Communication error to BCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0232:00	Communication error to BSM control module (LH)	
	U0233:00	Communication error to BSM control module (RH)	
	U0401:68*1	Signal error from PCM	(See DTC U0401:68 [BLIND SPOT MONITORING (BSM)] .)
	U0402:68*1	Signal error from TCM	(See DTC U0402:68 [BLIND SPOT MONITORING (BSM)] .)
	U0422:68*1	Signal error from BCM	(See DTC U0422:68 [BLIND SPOT MONITORING (BSM)] .)
	U0533:68*1	Signal error from BSM control module (LH)	(See DTC U0533:68 [BLIND SPOT MONITORING (BSM)] .)
	U0534:68*1	Signal error from BSM control module (RH)	(See DTC U0534:68 [BLIND SPOT MONITORING (BSM)] .)
SAS control module	U0001:88*1	CAN system communication error	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0155:00	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
BCM	U0001:88*1	Unit communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0101:00	Communication error to TCM	
	U0151:00	Communication error to SAS control module	
	U0214:00	Communication error to keyless control module	
	U0401:68*1	Signal error from PCM	(See DTC U0401:68 [BCM] .)
	U0402:68*1	Signal error from TCM	(See DTC U0402:68 [BCM] .)

Instrument cluster	U0001:88*1	Module communication error (HS-CAN)	(See DTC U0001:88, U0073:00 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:00	Communication error to PCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0100:87*1	Communication error between the instrument cluster and the PCM (no response)	(See SECURITY LIGHT: 16, DTC: U0100:87/ P1260:00 [IMMOBILIZER SYSTEM (ADVANCED KEYLESS ENTRY AND PUSH BUTTON START SYSTEM)] .)
	U0101:00	Communication error to TCM	(See DETERMINING MALFUNCTIONING PART (HS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0121:00	Communication error to DSC HU/CM	
	U0140:00	Communication error to BCM	
	U0151:00	Communication error to SAS control module	
	U0214:00	Communication error to keyless control module	
	U0233:00	Communication error to BSM control module (RH)	
	U0401:68*1	Signal error from PCM	(See DTC U0401:68 [INSTRUMENT CLUSTER] .)
	U0402:68*1	Signal error from TCM	(See DTC U0402:68 [INSTRUMENT CLUSTER] .)
	U0415:68*1	Signal error from DSC HU/CM	(See DTC U0415:68 [INSTRUMENT CLUSTER] .)
	U0515:68*1	Signal error from keyless control module	(See DTC U0515:68 [INSTRUMENT CLUSTER] .)

*1

If only the target DTCs are displayed, perform the corresponding DTC inspection without determining the open circuit location.

*2

MZR 2.5

*3

MZI 3.7 V6

*4

ATX

*5

With advanced keyless entry and push button start system

*6

With BSM system

MS-CAN

DTC Output Unit	DTC	Malfunction location	Reference for inspection procedure
Instrument cluster	U0010:88 ^{*1}	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0164:00	Communication error to climate control unit	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
Climate control unit ^{*2}	U0010:88 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0155:00	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U0184:00	Communication error to audio unit/car-navigation unit	
	U0423:68	Invalid date received from Instrument cluster	
Bluetooth unit (with audio system) ^{*3}	Device code 26:Error code 81 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
Bluetooth unit (with audio system) ^{*4}	26:Er81 ^{*1}	CAN system communication error	
Bluetooth unit (with car-navigation system)	Device code 26:Error code 81 ^{*1}	CAN system communication error	
Audio unit (with audio system) ^{*3}	Device code 16:Error code 11 ^{*1}	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	Device code 16:Error code 12 ^{*1}	CAN system communication error	
	16:Er11 ^{*1}	CAN system	

Audio unit (with audio system)*4		communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	16:Er12*1	CAN system communication error	
Car-navigation unit (with car-navigation system)	Device code 16:Error code 12*1	CAN system communication error	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	Device code 17:Error code 11	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
Information display*5	U0001088*1	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	U015500HEC	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	U016400EATC	Communication error to climate control unit	
	U018400ACU	Communication error to audio unit	
Information display*6	01:Er*1	CAN system communication error (MS-CAN)	(See DTC U0010:88, 01:Er, 16:Er11, 16:Er12, 26:Er81 [MULTI PLEX COMMUNICATION SYSTEM] .)
	02:3E	Communication error to instrument cluster	(See DETERMINING MALFUNCTIONING PART (MS-CAN) [MULTI PLEX COMMUNICATION SYSTEM] .)
	02:2E	Communication error to climate control unit	
	02:1E	Communication error to audio unit	

*1

If only the target DTCs are displayed, perform the corresponding DTC inspection without determining the open circuit location.

*2

With full-auto air conditioner

*3

With display (audio unit)

*4

Without display (audio unit)

*5

*6 **Information display (type A)**
 Information display (type B)

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