

Service Information

Mazda Motor Corporation

3-1, Shinchi, Fuchu-cho, Aki-gun
Hiroshima 730-8670, Japan
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Category T	Repair Guidance	Ref. No. R107/15B	Page 1 of 6
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued November 11, 2015	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised January 17, 2017	
Applicable Model Mazda2 (DJ), CX-3 (DK) and MX-5 (ND) with BSM	Applicable Countries or Specifications Worldwide		

REVISED

Revision Note: CX-3 (DK) has been added for "Applicable Model". Relating information have been changed accordingly.

Subject: BSM OFF light ON, DTC U1A4B:97 or U3000:97

DESCRIPTION

Some vehicles with the Blind Spot Monitoring (BSM) may experience that, though the rear bumper surface is clean, the BSM turns off and BSM OFF indicator illuminates in the instrument cluster while driving. The BSM will not turn on again during the drive cycle. After turning the ignition switch off and on again, the BSM operates normally.

DTC U1A4B:97 or DTC U3000:97 are stored in memory.

DTC U1A4B:97 – Radar sensor sensitivity temporarily decreases depending on various external and environmental factors (blind spot monitoring (BSM) control module (RH))

DTC U3000:97 – Radar sensor sensitivity temporarily decreases depending on various external and environmental factors (blind spot monitoring (BSM) control module (LH))



CAUSE

Under certain road conditions, the BSM control modules may detect the rear bumper surface as being covered with dirt etc.

MASS PRODUCTION CHANGE

Control logic of the BSM control modules has been changed.

SUBJECT VIN & PRODUCTION DATE (Range)

Mazda2

Spec.	Subject VIN		Production Date	
	From	To		
Europe LHD	3MD DJ**** **	100001	999999	TBD
Australia	MM0 DJ **** **	100001	240307	November 4, 2016
General RHD	MM6 DJ **** **			
General LHD	MM7 DJ **** **			
UK	MMZ DJ**** **			
Israel	MMZ DJ**** **			

NOTE: Mazda2 (DL) sedan is not applicable.

CX-3

Spec.	Subject VIN		Production Date (up to)	
	From	To		
Australia	JM0 DK **** **	100001	120825	February 29, 2016
	MM0 DK **** **	100001	999999	TBD
Malaysia	JM6 DK **** **	100001	122733	October 15, 2016
Europe	JMZ DK **** **	100001	999999	TBD
UK	JMZ DK **** **	100001	152439	February 29, 2016
	MMZ DK **** **	109070	999999	TBD
US (2016MY)	JM1 DK **** **	100001	999999	TBD

MX-5

Spec.	Subject VIN		Production Date	
	From	To		
Australia	JM0 ND **** **	100001	100552	to August 20, 2015
General RHD	JM6 ND **** **	100001	100093	
General LHD	JM7 ND **** **	100001	100186	
Europe	JMZ ND **** **	100001	104480	
US (2016MY)	JM1 ND **** **	100001	104338	

REPAIR PROCEDURE

Replace both the BSM control modules with modified ones according to Workshop Manual "BLIND SPOT MONITORING (BSM) CONTROL MODULE REMOVAL/INSTALLATION".

[CX-3 (DK) only]

- Insert supplemental document to the owner's manual.

Market	Owner's manual
USA	Required
Canada	
Mexico	
EU	Required

PARTS INFORMATION

Model	Part Number		Part Name	Q'ty
	New	Old		
Mazda2 (DJ)	DA6A-67-Y80D	DA6A-67-Y80C	Module(R),Lane Change Aid	1
	DA6A-67-Y90D	DA6A-67-Y90C	Module(L),Lane Change Aid	1
CX-3 (DK)	D24H-67-Y80	DB2R-67-Y80B	Module(R),Lane Change Aid	1
	D24H-67-Y90	DB2R-67-Y90B	Module(L),Lane Change Aid	1
MX-5 (ND)	N243-67-Y80C	N243-67-Y80B	Module(R),Lane Change Aid	1
	N243-67-Y90C	N243-67-Y90B	Module(L),Lane Change Aid	1

WARRANTY INFORMATION

Assembly group	T - Body Electrical System		
Subassembly group	05 - WARNING SYSTEM		
Symptom Code	62		
Damage Code	9W		
Causal Part No.	****-67-Y80*		
Q'ty	1		
Operation No.	XXL93XRX		
Labor Hours	Includes • Rear bumper assembly, R&R • BSM radar sensor, Aiming		
		w/o i-stop	with i-stop
	Mazda2 (DJ)	0.9 Hrs.	1.0 Hrs.
	CX-3 (DK)	1.1 Hrs.	1.2 Hrs.
	MX-5 (ND)	1.1 Hrs.	1.2 Hrs.
Period Covered	Normal Warranty Period		

NOTE: Claim LH side BSM Control Module (**** 67 Y90*) as related part.

Kimiaki Inooka
Manager, Technical Information Gr.
Technical Service Dept.
Mazda Motor Corporation

1F60151344, 1G41864247, 1F81944610, 151-123/084 (MC Internal Use)

CX-3 (DK) North America

(U.S.A.)

FCC ID : NBG012692A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

(Canada)

This Category II radiocommunication device complies with Industry Canada Standard RSS-310.

Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada .

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Mexico

Sistema de apertura de puertas de automóviles,
base y llave electrónica

Hella KGaA Hueck & Co

LCA3.5

COFETEL: RCPHEL15-0521

CX-3 (DK) EU

Hella KGaA Hueck & Co.



R&TTE Declaration of Conformity Rev.1

We,

Company: **Hella KGaA Hueck & Co.**
 Street: **Rixbecker Str. 75**
 Location: **59552 Lippstadt**
 Country: **Germany**

declare under the sole responsibility that the following product,

Type designation: **LCA 3.5 SG1 - M**
LCA 3.5 SG2 - M
 Type or model: **---**
 Trade name: **Hella**
 Serial No.: **---**

to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC).

The product is in conformity with the following standards and/or normative documents:

Applied standards / directives were:	Title or description of the standard:	
EN 60950-1: 2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 + A2:2013 EN 62311:2008	Safety of information technology equipment Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz)	Health & Safety (Art. 3(1) (a))
EN 301 489-1 V1.9.2 (2011-09) + EN 301 489-3 V1.6.1 (2013-08)	Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short Range Devices (SRD) operating on frequencies between 2 MHz and 40 GHz	EMC (Art. 3.1 (b))
EN 302 858-1 V1.3.1 (2013-11) + EN 302 858-2 V1.3.1 (2013-11)	Road Transport and Traffic Telematics (RTTT); Short Range Radar equipment operating in the 24,05 GHz to 24,25 GHz frequency range for automotive application	Other (incl. Art 3(3)) and voluntary

Supplementary information:

Notified Body involved: **---**
 Technical file held by: **Gerald Zemke, E-ED-DAS-DR** Hella KGaA Hueck & Co.

Signed by or for the manufacturer:

Contact:

Name: **Bernhard Hlubek**
 Manager Design and Development
 Driver Assistant Systems
 Business Division Electronics

Name: **Gerald Zemke**
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 Email: **Gerald.Zemke@hella.com**

Lippstadt, 2015-02-10

(Signature)

EU Owner's manual supplement

Applicable countries
Mazedonien (Macedonia)
IRELAND
United Kingdom
CYPRUS
MALTA
ITALY
ESTONIA
AUSTRIA
THE NETHERLANDS
CANARY ISLANDS
GREECE
SWITZERLAND
SWEDEN
SLOVAKIA
SLOVENIA
SPAIN
CZECH
DENMARK
TURKEY
GERMANY
NORWAY
HUNGARY
FINLAND
FRANCE
BULGARIA
BELGIUM
POLAND
PORTUGAL
LATVIA
LITHUANIA
LUXEMBOURG
ROMANIA
REUNION
CROATIA
GEORGIEN (Georgian)
ALBANIEN (Albania)
ICELAND
GUADELOUPE
FAEROE
F.GUIANA
MARTINIQUE

Non-applicable countries
Bosnien und Herzegowina (Bosnia and Herzegovina)
Montenegro
Serbien (Serbia)
Kasachstan (Kazakhstan) CU
Russland (Russian Federation) CU
Weißrussland (Belarus) CU
Moldawien (Republik Moldau) (Moldavia)
Ukraine