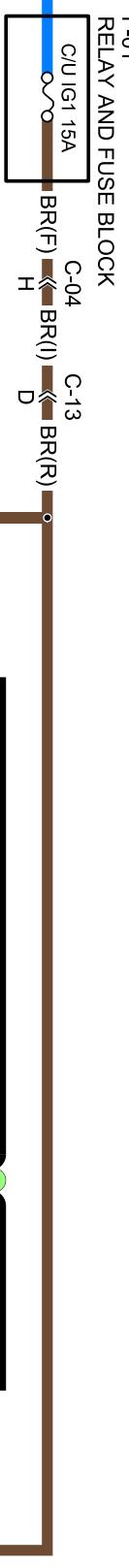


2016 Mazda MX-5
BLIND SPOT MONITORING (BSM) SYSTEM

0922-4

IG1 RELAY
(SECTION 0921-1)



BLIND SPOT MONITORING (BSM) CONTROL MODULE (LH)

BLIND SPOT MONITORING (BSM) CONTROL MODULE (RH)

MS CAN_L →
E D

J H

G I

D

P(R4)

GY(R4)

N T(R)

P(R4)

C & C-25

Q V

R B(R)

B(DR2)

G

B(R)

MS CAN_H →
A C-26

B(R4)

LG(R4)

B(R4)

BR(R)

B & C-26

Q V

Q C-27

Q V

Q C-28

Q V

Q C-25

Q V

Q C-26

DATA LINK CONNECTOR-2
(SECTION 00D-1a)

A L(R4)
B P(R4)

K B(R4)

M B(R4)

H GY(R4)

E

J

G

D

P(DR1)

V

Q

Q

Q

Q

Q

777

G13

G13

G09

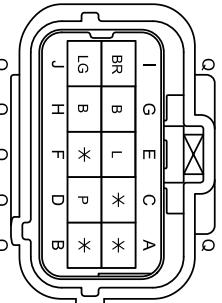
G15

2016 Mazda MX-5

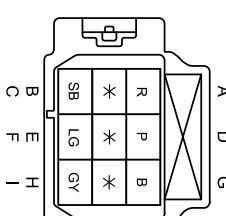
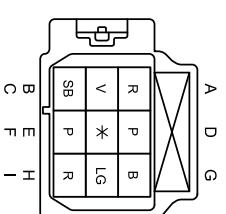
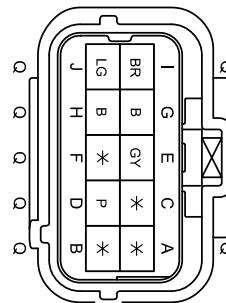
BLIND SPOT MONITORING (BSM) SYSTEM

0922-4

0922-401
BLIND SPOT MONITORING (BSM)
CONTROL MODULE (LH)



0912-301
HEATED OUTER MIRROR (LH)/
POWER OUTER MIRROR (LH)/
AUTO DIMMING OUTER MIRROR (LH)/
BLIND SPOT MONITORING (BSM) WARNING LIGHT (LH)



0912-302
HEATED OUTER MIRROR (RH)/
POWER OUTER MIRROR (RH)/
BLIND SPOT MONITORING (BSM) WARNING LIGHT (RH)

Blind spot monitoring (BSM) control module terminal voltage table (reference)
Blind spot monitoring (BSM) control module (LH)

Terminal	Measurement conditions	Voltage (V)	Terminal	Measurement conditions	Voltage (V)
D	Because this terminal is for communication, determination using terminal voltage inspection is not possible.			Using the simulation function WRN_IND_R for the blind spot monitoring system, turn off the blind spot monitoring (BSM) warning light.	1.0 or less
E	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		D	Using the simulation function WRN_IND_R for the blind spot monitoring system, turn on the blind spot monitoring (BSM) warning light.	Wave pattern (See Pattern 1.)
G	Because this terminal is for communication, determination using terminal voltage inspection is not possible.			Using the simulation function WRN_IND_L for the blind spot monitoring system, turn off the blind spot monitoring (BSM) warning light.	1.0 or less
H	Under any condition	1.0 or less	E	Using the simulation function WRN_IND_L for the blind spot monitoring system, turn on the blind spot monitoring (BSM) warning light.	Wave pattern (See Pattern 1.)
I	Ignition switched ON (engine off or on)	V_B	G	Because this terminal is for communication, determination using terminal voltage inspection is not possible.	
J	Ignition switched off or ACC	1.0 or less	H	Under any condition	1.0 or less
	Because this terminal is for communication, determination using terminal voltage inspection is not possible.		I	Ignition switched ON (engine off or on)	$B+$
				Ignition switched off or ACC	1.0 or less
			J	Because this terminal is for communication, determination using terminal voltage inspection is not possible.	

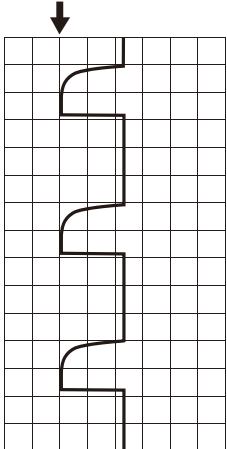
Blind spot monitoring (BSM) control module terminal voltage table (reference)
Blind spot monitoring (BSM) control module (RH)

Terminal	Measurement conditions	Voltage (V)

Inspection using an oscilloscope (reference)

Pattern 1

- Terminal:
— Blind spot monitoring (BSM) warning light signal (RH): D (+) ↔ body ground (-)
- Oscilloscope setting: 5 V/DIV (Y), 2 ms/DIV (X), DC range



2016 Mazda MX-5
BLIND SPOT MONITORING (BSM) SYSTEM

0922-4

HEATED OUTER MIRROR (LH) /
POWER OUTER MIRROR (LH) /
AUTO DIMMING OUTER MIRROR (LH) /
BLIND SPOT MONITORING (BSM) WARNING LIGHT (LH)
0912-302

HEATED OUTER MIRROR (RH) /
POWER OUTER MIRROR (RH) /
BLIND SPOT MONITORING (BSM) WARNING LIGHT (RH)
0912-301

RELAY AND FUSE BLOCK
(REFER TO 00F SECTION)
F-01

0912-301

(R)-(DR1)
C-27

(R)-(DR2)
C-28

SHORT CONNECTOR
C-25

0922-401
BLIND SPOT MONITORING (BSM) CONTROL MODULE (LH)
[BLACK]

0922-402
BLIND SPOT MONITORING (BSM) CONTROL MODULE (RH)
[BLACK]

