

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

CRACK ON FRONT SHOCK ABSORBER DUST BOOT

Bulletin No.: 02-013/18

Last Issued: 07/13/2018

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted below in Red.

Previously Issued TSBs:	Date(s) Issued:
02-009/17	11/10/17

APPLICABLE MODEL(S)/VINS

2014-2016 Mazda3

2017-2018 Mazda3 (Japan built) vehicles with VINs lower than JM1 BN ***** 179074 (produced before December 2, 2017)

2017-2018 Mazda3 (Mexico built) vehicles with VINs lower than 3MZ BN ***** 206665 (produced before February 13, 2018)

2014-2016 Mazda6

2017 Mazda6 with VINs lower than JM1 GL ***** 153195 (produced before December 2, 2017)

2016-2018 CX-3 with VINs lower than JM1 DK ***** 325185 (produced before December 2, 2017)

2016-2018 CX-9 with VINs lower than JM3 TC ***** 211170 (produced before October 4, 2017)

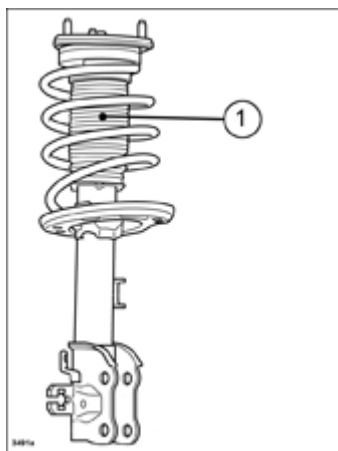
2013-2016 CX-5 with VINs lower than JM3 KE ***** 921727 (produced before December 22, 2016)

2017 CX-5 with VINs lower than JM3 KF ***** 222100 (produced before October 4, 2017)

DESCRIPTION

Some vehicles may exhibit a crack on the front shock absorber dust boot (1). This may be caused by the dust boot having insufficient resistance to the cold. The shape and material of the dust boot has been changed to improve its resistance to cold.

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Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the dust boot (1) according to the instructions on MGSS online:

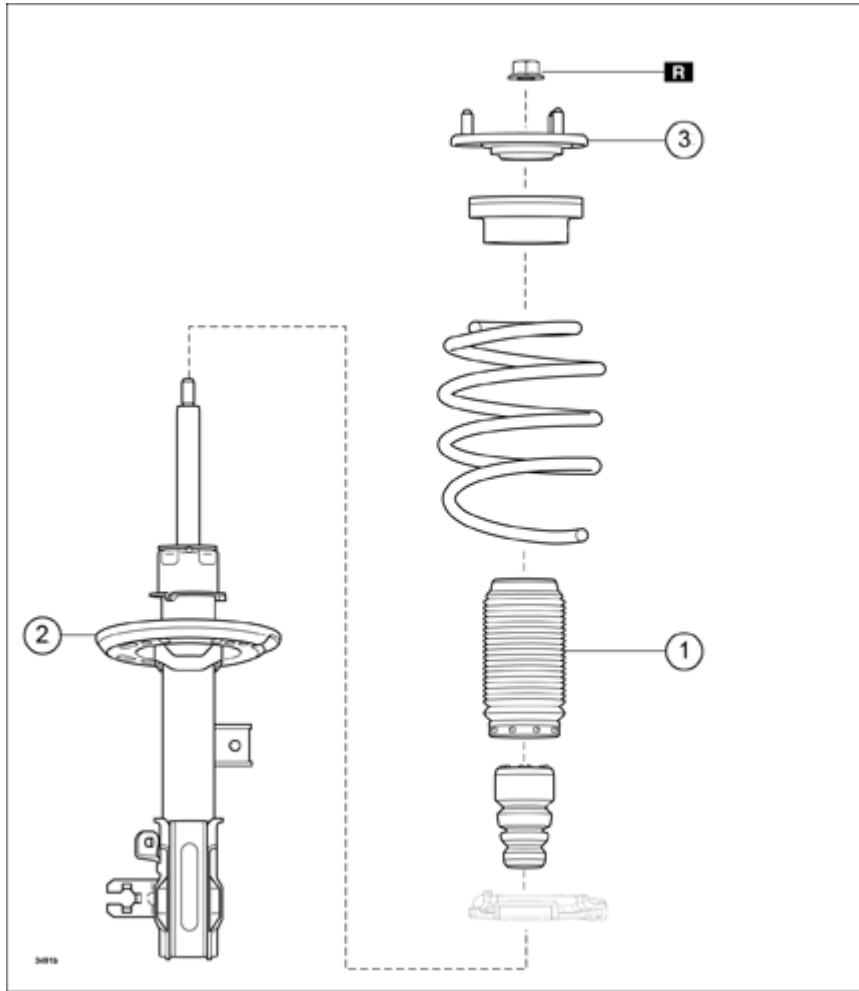
- Mazda3 - (FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY)
- Mazda6 - (FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY)
- CX-3 - (FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY)
- CX-5 - (FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY)
- CX-9 - (FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY)

NOTE:

- Only replace the affected side(s).
- Before removing the mounting rubber (3), put a position mark on the mounting rubber so it can be installed back in its original position.

CAUTION: It is not necessary to adjust the front wheel alignment because the front shock absorber (2) and the mounting rubber (3) are not replaced. However, make sure to install the mounting rubber to the original position.

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3. Verify repair.

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PARTS INFORMATION

2016-2018 CX-3, 2013-2016 CX-5, 2014-2018 Mazda3 and 2014-2017 Mazda6:

Part Number	Description	Qty.	Notes
B45A-34-015C	Dust Boot	1	One Side - One (1) dust boot
B4YA-04-91XA	Dust Boot Set	1	Both Sides - Two (2) dust boots, nuts are included
9YB0-41-237	Piston Rod Nut	1 or 2	Replacement part

2017 CX-5 and 2016-2018 CX-9:

Part Number	Description	Qty.	Notes
TK48-34-015A	Dust Boot	1 or 2	---
9YB0-41-414	Piston Rod Nut	1 or 2	Replacement part

WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.
- Only replace the affected side(s).
- It is not necessary to adjust the front wheel alignment.

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2013-2015 CX-5 and 2014-2015 Mazda6:

	One Side	Both Sides
Warranty Type	0	0
Symptom Code	87	87
Damage Code	9A	9A
Part Number Main Cause	B45A-34-015C	B4YA-04-91XA
Quantity	1	1
Related Part Number	9YB0-41-237	---
Quantity	1	---
Operation Number / Labor Hours:	XXL11CRX / 0.5 Hrs.	XXL11DRX / 0.8 Hrs.

2017 CX-5 and 2016-2018 CX-9:

	One Side	Both Sides
Warranty Type	0	0
Symptom Code	87	87
Damage Code	9A	9A
Part Number Main Cause	TK48-34-015A	TK48-34-015A
Quantity	1	2
Related Part Number	9YB0-41-414	9YB0-41-414
Quantity	1	2
Operation Number / Labor Hours:	XXL11ARX / 0.5 Hrs.	XXL11BRX / 0.8 Hrs.

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