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Subject: <p style="text-align: center;">STAINS APPEAR ON WHEELS</p>	Bulletin No: 02-002/16
	Last Issued: 01/08/2016

BULLETIN NOTE

- This bulletin supersedes the previous bulletins 02-009/13 issued 11/11/2013, 02-006/08 issued 9/3/2008 and 02-006/07 issued 09/27/07. The APPLICABLE MODEL(S)/VIN(S) has been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

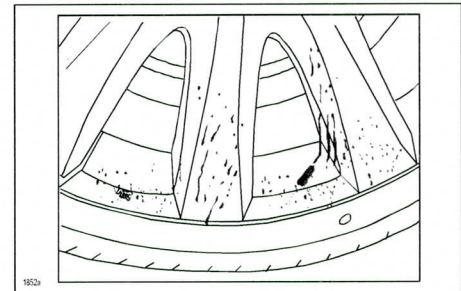
2004-2016 Miata/MX-5	2004-2011 RX-8	2007-2016 CX-9	2016 CX-3
2004-2016 Mazda3	2006-2016 Mazda5	2011-2016 Mazda2	
2004-2016 Mazda6	2007-2012 CX-7	2013-2016 CX-5	

DESCRIPTION

Some automotive cleaning products contain strong acid or alkali. When these types of cleaners are used to clean the wheels on Mazda vehicles, the chemicals contents penetrate the clear coating of the wheel surface and damage the paint under the clear coating. The damaged area has the appearance of dark stains.

Use extra care when cleaning wheels. The following are guidelines to follow when cleaning the wheels.

- Mazda recommends using a mild soap or neutral detergent as stated in the owner's manual under Appearance Care in the Maintenance and Care section.
- DO NOT use a cleaning products containing strong acid or alkali contents to clean the wheels.
- DO NOT apply any type of specialized wheel cleaner to the wheels when they are hot (such as after driving the vehicle or if the vehicle has sat in the sun). Ensure wheel temperatures are the same as ambient temperature before cleaning.
- Within 15 minutes after any cleaner is applied, rinse the wheel thoroughly to completely remove cleaner.
- **Stains on Mazda Wheels caused by improper cleaning are not covered under the Mazda Vehicle Warranty.**



NOTE: Customer concerns of wheel clear coat peeling or flaking do not apply to this bulletin.

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Subject: POPPING AND/OR SQUEAKING NOISE FROM FRONT SHOCK ABSORBER	Bulletin No: 02-001/16
	Last Issued: 1/8/2016

BULLETIN NOTE

- This bulletin supersedes the previous bulletin 02-004/15 issued on 05/12/15 and 04/24/15. The APPLICABLE MODEL(S)/VINS, REPAIR PROCEDURE, PART(S) INFORMATION and WARRANTY INFORMATION have been revised.
- Changes are noted below beside the change bar in Red.

APPLICABLE MODEL(S)/VINS

Change of Bump Stopper:

2014-2016 Mazda3 vehicles (Japan built) with VINs starting with JM1BM*****280998 (Produced before July 22, 2015) for models equipped with B45G-34-111

2014-2016 Mazda3 vehicles (Japan built) with VINs starting with JM1BM*****300899 (Produced before October 29, 2015) for models equipped with B45A-34-111

2014-2016 Mazda3 vehicles (Mexico built) with VINs starting with 3MZ

Installation of Protector:

2014-2016 Mazda3 vehicles (Japan built) with VINs starting with JM1BM*****250357 (Produced before December 15, 2014)

2014-2015 Mazda3 vehicles (Mexico built) with VINs starting with 3MZ*****195511 (Produced before February 16, 2015) for models equipped with BJS7-34-111

DESCRIPTION

Some vehicles may exhibit one or both of the following noises from the front shock absorber.

- A popping noise when passing over speed bumps.
- A squeaking noise when turning the steering wheel at a vehicle standstill.

To correct the problem, the shape of the bump stopper has been modified and a protector has been installed onto the coil spring.

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

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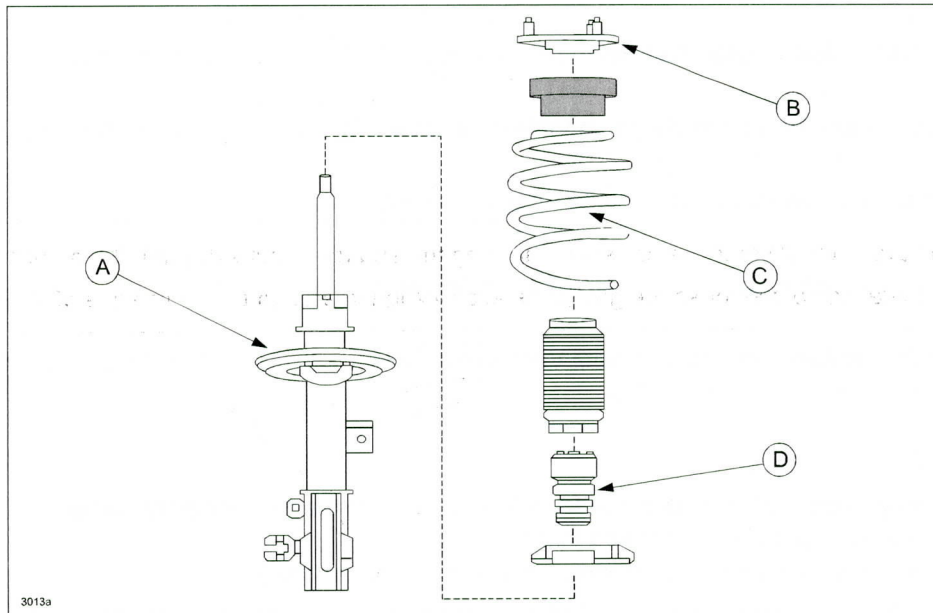
REPAIR PROCEDURE

1. Verify the customer concern of noise coming from the upper part of the shock absorber when turning the steering wheel and/or driving over bumps.
2. Replace the bump stopper with the modified one according to MS3 online instructions or the Workshop Manual (section 02-13 FRONT SHOCK ABSORBER AND COIL SPRING DISASSEMBLY/ASSEMBLY).

NOTE:

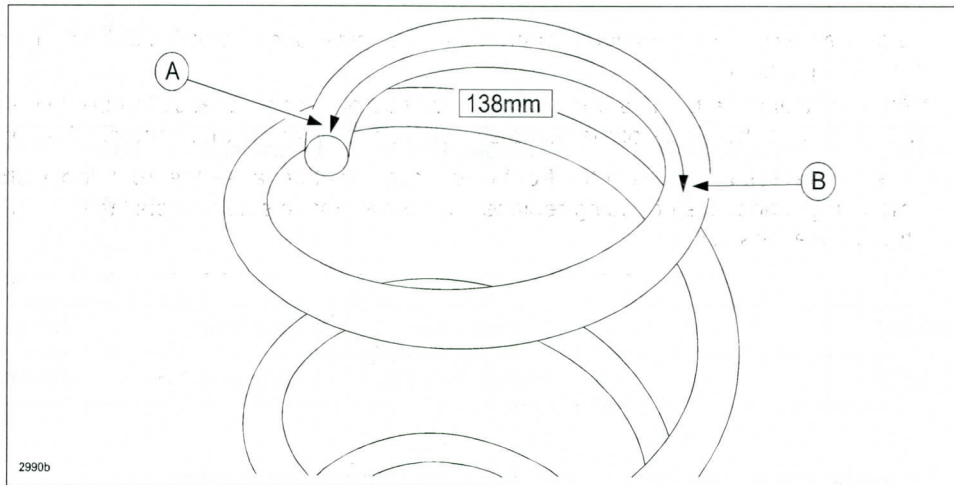
- Before removing the mounting rubber, mark its original position so it can be re-installed later to the same position.
- When replacing the bump stopper with a modified one, apply grease to upper side of the bump stopper and to the inside of the bump stopper (on the surface that contacts the damper rod).

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

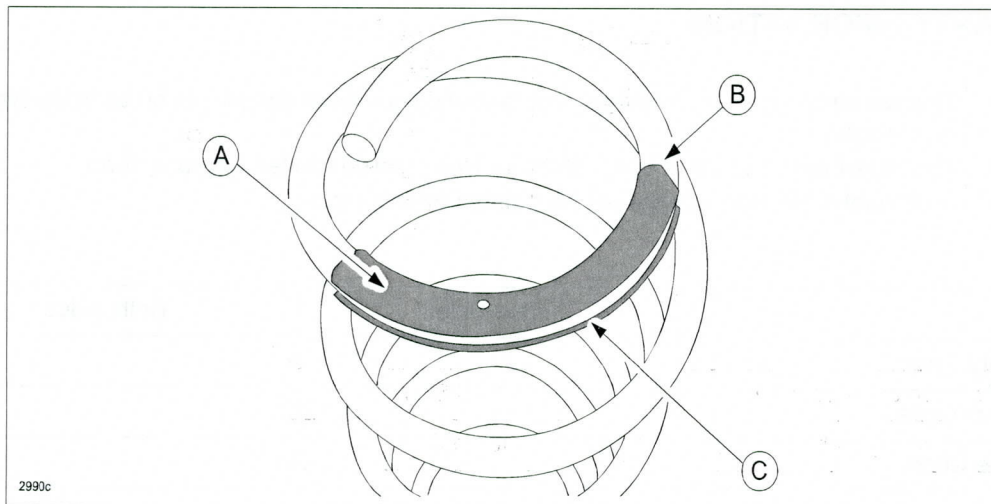


A	Front Shock Absorber	C	Coil Spring
B	Mounting Rubber	D	Bump Stopper

3. Install the protector (if NOT installed) onto the coil spring.
 - a. Decrease 1.5 turns of the spring from the top.
 - b. Cut a thin strip of paper to 138 mm in length (or use a cloth type measuring tape).
 - c. Place the strip of paper (or cloth measuring tape) along the inner side of the coil spring starting at point (A).
 - d. Mark the spot on the spring where (B) is. (B) is the starting point for the protector installation.



- e. Install the protector (A) onto the coil spring aligning the end (slant cut side) with the marking at spot (B).
NOTE: Install the protector so the gap (C) is evenly aligned around the outer edge of the coil spring.



- f. The inner side of the protector contains adhesive glue. After installing the protector onto the spring, press the inner side to firmly adhere it to the spring.

PART(S) INFORMATION

New Part Number	Old Part Number	Description	Qty.	Notes
B4YA-34-111 or B45A-34-111A	B45A-34-111	Stopper, Bump	1 / one side	B4YA-34-111 (Service Part) has been superseded by B45A-34-111 (Mass-Production Part). Both have the same performance.
B4YG-34-111 or B45G-34-111A	B45G-34-111	Stopper, Bump	1 / one side	B4YG-34-111 (Service Part) has been superseded by B45G-34-111 (Mass-Production Part). Both have the same performance.
KDY5-34-081	--	Protector	1 / one side	All models
9YB0-41-237	--	Piston Rod Nut	1 / one side	All models

NOTE:

- For the buump stopper, refer to the EPC for the correct Part Number.
- For Mexico-built vehicles that are originally equipped with the bump stopper (BJS7-34-111), use B45A-34-111A for the repair.

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.

	One Side	Both Sides
Warranty Type	A	
Symptom Code	82	
Damage Code	97	
Part Number Main Cause	B4YA-34-111, B4YG-34-111, B45A-34-111A or B45G-34-111A	
Quantity	1	2
Operation Number / Labor Hours	XXKCKARX / 0.5 Hrs.	XXKCKBRX / 0.9 Hrs.