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Subject:**SQUEAK NOISE FROM ENGINE COMPARTMENT****Bulletin No:** 01-021/12**Last Issued:** 11/28/2012**BULLETIN NOTE**

- This bulletin supersedes the previous bulletin 01-021/12 issued on 07/17/12 and 08/24/12. The REPAIR PROCEDURE, PARTS INFORMATION, and WARRANTY INFORMATION have been revised.
- Changes are noted below in Red beside the change bar.

APPLICABLE MODEL(S)/VINS

2010-2013 Mazda3 (including 2.0L SKYACTIV)

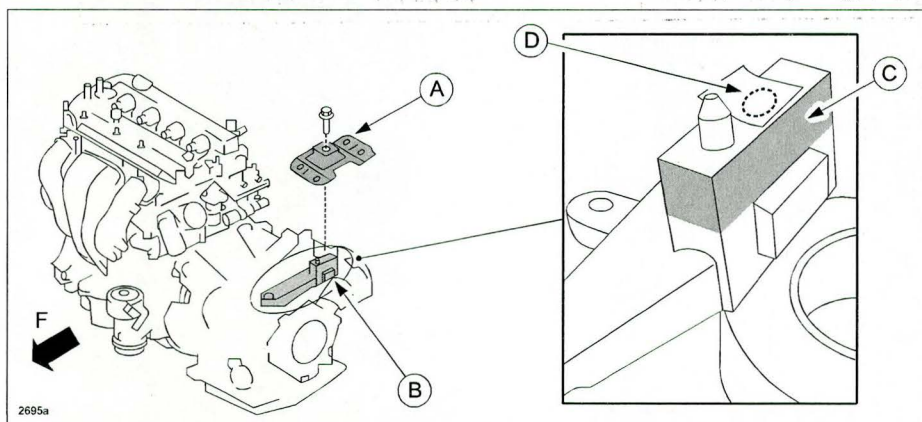
DESCRIPTION

Some vehicles may exhibit a squeak noise from the engine compartment when the vehicle starts moving and/or at the time of transmission shifting. This is caused by stick-slip noise occurring at the contact surfaces between the No. 4 engine mount rubber and the No. 4 engine mount bracket when the engine shakes back and forth. To correct the problem, the No. 4 engine mount is replaced and grease is applied on the contact surfaces of the No. 4 engine mount bracket.

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

REPAIR PROCEDURE

1. Verify customer concern.
2. Remove the No. 4 engine mount rubber (A) from the No. 4 engine mount bracket (B). Refer to MS3 online instructions or Workshop manual section 09-20 ENGINE REMOVAL/INSTALLATION.



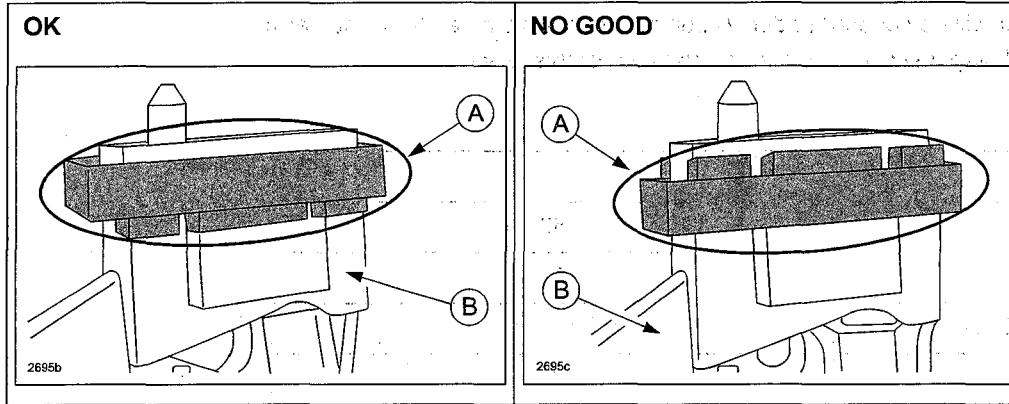
3. Clean the surfaces of the No. 4 engine mount bracket (C) where it contacts the engine mount rubber.
4. Place masking tape over the bolt hole (D) of the No. 4 engine mount bracket to prevent grease from entering the hole.

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CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical—including photocopying and recording and the use of any kind of information storage and retrieval system—without permission in writing.

- Remove the original mount rubber and install a new one (A) on the No. 4 engine mount bracket (B).

NOTE: Install the mount rubber with the notched side facing down.



- Wipe off any grease adhering to the top surface and remove the masking tape.

NOTE: DO NOT let grease enter the bolt hole, otherwise an incorrect tightening torque may be given.

- Clean the surfaces of the No. 4 engine mount rubber where it contacts the mount rubber.
- Install the No. 4 engine mount rubber (F=front).
- Install other removed parts in the reverse order of removal.
- Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.
BBY4-39-074	Mount Rubber	1

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 Powertrain Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	82
Damage Code	97
Part Number Main Cause	BBY4-39-074
Quantity	1
Operation Number / Labor Hours:	XXH5RXRX / 0.7 Hrs. (2.0L and 2.5L) XXH5SXXRX / 0.8 Hrs. (2.0L SKYACTIV-G)

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the implementation of data-driven decision-making processes. It discusses how the collected data is used to identify trends, assess risks, and make strategic decisions that align with the organization's goals and objectives.

4. The fourth part of the document addresses the challenges and limitations of data analysis. It acknowledges that while data provides valuable insights, it is not infallible and must be interpreted with care, taking into account potential biases and uncertainties.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation of the data analysis process to ensure its effectiveness and relevance in a rapidly changing business environment.

6. The sixth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the design of data collection instruments, and the implementation of data collection protocols.

7. The seventh part of the document discusses the various data analysis techniques used, such as descriptive statistics, inferential statistics, and regression analysis, and how they are applied to the collected data.

8. The eighth part of the document explores the role of data in strategic planning and decision-making, highlighting how data-driven insights can inform the development of long-term strategies and the allocation of resources.

9. The ninth part of the document discusses the ethical considerations and privacy concerns associated with data collection and analysis, emphasizing the need for transparency, informed consent, and data protection measures.

10. The tenth part of the document provides a final summary and concludes the report, reiterating the significance of data analysis in driving organizational success and the need for a data-driven culture.