Service Bulletin Mazda North American Operations Irvine, CA 92618-2922



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| Su | bject: |
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ENGINE NO START IN EXTREMELY COLD AMBIENT TEMPERATURES

Bulletin No: 01-023/13

Last issued: 10/07/2013

APPLICABLE MODEL(S)/VINS

2013-2014 CX-5

2014 Mazda6

DESCRIPTION

Some vehicles may exhibit an engine no start in ambient temperatures below -4 degree Fahrenheit (-20 degree Celsius) after driving for 10 - 20 minutes and then parking the car for about one hour. This may be caused by the contact point of the main relay freezing due to moisture inside the main relay.

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

REPAIR PROCEDURE

- 1. Verify customer concern.
- 2. Replace the 5 relays shown in the table below.

| | Relay Name | DTC stored by malfunctioning relay | DTC stored by malfunctioning Ignition Relay and Main Relay | |
|---|-----------------|------------------------------------|---|--|
| 1 | Main Relay | U0100 | - B10E7 | |
| 2 | Ignition Relay | B10E7 | | |
| 3 | Fuel Pump Relay | P025D | | |
| 4 | Injector Relay | P0201, P0202, P0203, P0204, P0091 | | |
| 5 | E-VVT Relay | P0010 | | |
| | | | .4) (5) | |

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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.

| Bulletin No: 01-023/13 © 2013 Mazda Motor of America, Inc. | Last | Last Issued: 10/07/2013 | |
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| PART(S) INFORMATION | n a star server a | •• •• | una di seconda de la composición de la La composición de la c |
| n Kanala ang ng n | | | |
| Part Number | Description | Qty. | |
| AJ51-18-821 | Relay | 5 | · · · · · · · · · · · · |
| This repair will be cov Additional diagnostic t | ered under Mazda's New Ver time cannot be claimed for th | nicle Limited Warranty s repair. | i sa culti Atteria da ala y term. India ada sa cato on pacina dan Isau Cultario en culta, italiaren |
| 1.8 ° 1.4 | | | and a second |
| Warranty Type | | | ning of the state of the second s |
| Symptom Code | 02 | | |
| De une de de | | 92 | |
| Damage Code | 92 | 2 | |

5 Quantity **Operation Number / Labor Hours:** XXJBNXRX / 0.2 Hrs.

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