## **Service Alert**

Mazda North American Operations Irvine, CA 92618-2922



Subject:

**CHECK ENGINE LIGHT ON WITH DTC P0456** 

Service Alert No.: SA-030/18

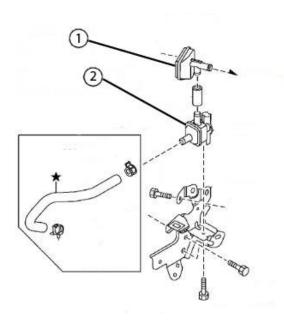
Last Issued: 06/25/2018

## APPLICABLE MODELS/VIN(S)

2017 Mazda3 with VINS starting with 3MZ (Mexico built)

## **DESCRIPTION**

Some customer may complain about the CHECK ENGINE light ON while driving. When diagnosed, it is found that the PCM has stored DTC P0456 for evaporative gas leakage (extremely low). This may be caused by leakage detected from the catch tank unit (1) at the purge valve (2).



## REPAIR PROCEDURE

Page 1 of 2

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.

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- 1. Verify concern.
- 2. Inspect the catch tank by applying pressure with a Mighty Vac or similar tool and apply soapy water to the unit. See attached video for reference.
  - If no leak is found at the catch tank unit, continue to diagnose according to the instructions on MGSS.
  - If a leak is found at the catch tank unit, replace it.
- 3. Verify repair.

Page **2** of **2** 

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