

# Service Alert

Mazda North American Operations  
Irvine, CA 92618-2922

**Subject:**

**CHECK ENGINE LIGHT ON WITH DTC P0126:00 AND ENGINE  
RUNNING COOLER THAN NORMAL / POOR HEATER  
PERFORMANCE / LOW ENGINE COOLANT TEMPERATURE (BLUE)  
LIGHT ON**

**Service Alert No.:** SA-017/21

**Last Issued:** 02/25/2021

## BULLETIN NOTES

This service alert supersedes the previously issued service alert listed below. The changes are noted in Red text.

Previous Service Alert	Date(s) Issued:
SA-035/20	12/02/20, 03/11/20 and 02/28/20

## APPLICABLE MODEL(S)/VINS

2018-2020 Mazda6 (non-turbo)  
2018-2020 CX-5 (non-turbo)  
2018-2020 Mazda3  
2019-2020 CX-3  
2020 CX-30

## DESCRIPTION

Some customers may experience the CHECK ENGINE LIGHT ON with DTC P0126:00 (Thermostat stuck open) and one or more of the following symptoms:

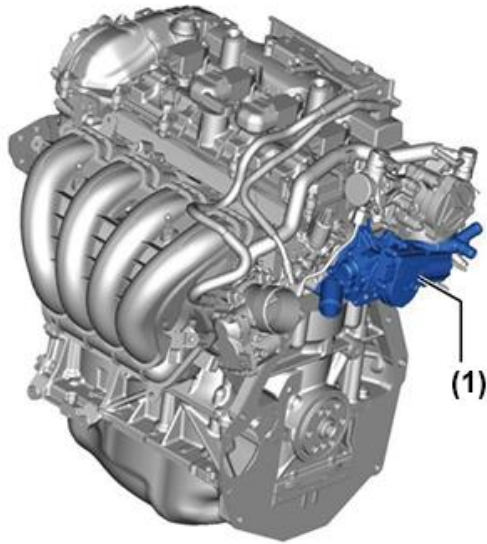
- The engine takes longer to warm up.
- The engine temperature gauge fluctuates.
- The low coolant temperature indicator (blue) light stays on longer or comes on while driving.
- Poor heater performance, especially at idle.

## REPAIR PROCEDURE

1. Verify customer concerns and DTC.
2. Replace the engine coolant control valve (1).

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.



3. Verify repair.

## PARTS INFORMATION

Parts Number	Description	Qty.
PYFB-15-16ZA	Coolant Control Valve	1

**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.