

<b>Subject:</b>  HEADLAMP DTC, WARNING MESSAGES OR WARNING LIGHTS WITH DTC B10A3:86	<b>Service Alert No.:</b> SA-030/24
	<b>Last Issued :</b> 05/13/2024

## BULLETIN NOTES

### APPLICABLE MODEL(S)/VINS

2024 CX-90

## DESCRIPTION

Some vehicles may experience a warning light ON, warning messages, or a headlamp concern. After checking the vehicle, DTC B10A3:86 may be stored with or without other DTCs. Follow the repair procedure below for B10A3:86. Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify the customer concern.
2. Check for DTCs.  
**Is DTC B10A3:86 set?**  
**YES** - Continue to the next question.  
**NO** - This Service Alert does not apply, refer to the appropriate steps in the WSM for the DTC that is set.  
**Was B10A3:86 set with other DTCs?**  
**YES** - Resolve the other DTCs first and return to this Service Alert if DTC B10A3:86 is set by itself.  
**NO** - Continue to the next step.
3. Check the vehicle using the **B10A3:86 [ALH/AFS/ALV]** procedure.  
**NOTE:** The DTC may set due to driving conditions and without a headlight concern. This is explained in the B10A3:86 [ALH/AFS/ALV] procedure. DO NOT replace the headlamp unless the DTC returns when performing the *Repeatability Verification Procedure*. Explain to the customer the warning light may return because this DTC is also stored if the AFS control module detects strong lateral-G, but this does not indicate a malfunction.

**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.