

# Service Alert

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b>  <b>M-MDS (MDARS) SHOWS FRONT RADAR DYNAMIC AIMING IS INCOMPLETE ALTHOUGH IT IS COMPLETED</b>	<b>Service Alert No.:</b> SA-050/20
	<b>Last Issued:</b> 05/05/2020

## 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-009/19	11/17/19 and 05/13/19

## APPLICABLE MODEL(S)/VINS

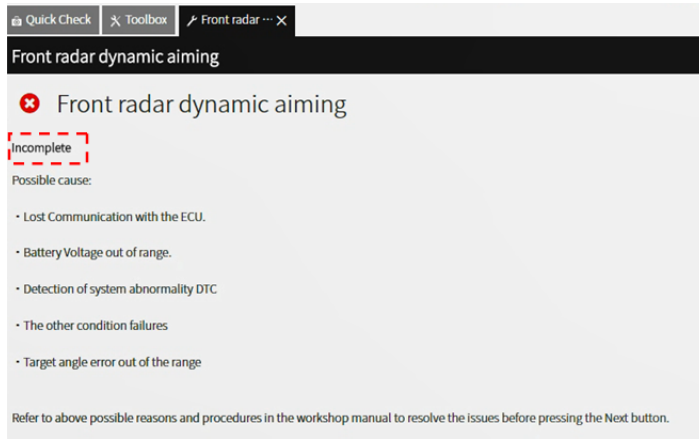
2019-2020 Mazda3  
2020 CX-30

## DESCRIPTION

Some vehicles may experience M-MDS (MDARS) showing the front radar dynamic aiming is incomplete although the procedure is completed. This is caused by faulty front radar software logic and a mass production change is planned.

If the screen below is displayed after the front radar dynamic aiming is performed, check the vehicle using the following inspection procedure.

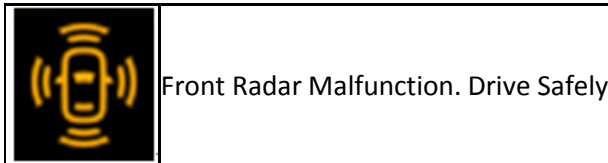
**CONSUMER NOTICE:** The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." 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.



### INSPECTION PROCEDURE

Inspect the vehicle using the following procedure if M-MDS (MDARS) shows front radar dynamic aiming is incomplete.

1. Verify that the message “Front Radar Malfunction. Drive Safely” is no longer displayed on the multi-information display.



- If the message is no longer displayed, the front radar dynamic aiming is completed. NO further action is needed.
- If the message is still displayed, go to step 2.

2. Check if any DTCs are stored.

**NOTE:** If the front radar dynamic aiming is incomplete, DTCs C1A67:54 and C1A67:76 are stored in VCM memory.

C1A67:54	Front radar sensor aiming adjustment not implemented
C1A67:76	Front radar sensor aiming error

- If any DTCs except C1A67:54 and C1A67:76 are stored, repair the vehicle according to the instructions on MGSS.

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- If only DTCs C1A67:54 and C1A67:76 are stored, perform the front radar dynamic aiming again under the conditions in the instructions on MGSS.

**NOTE:** If the front radar dynamic aiming fails after following MGSS instructions, contact Hotline for latest repair information.

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