

Service Alert

Mazda North American Operations
Irvine, CA 92618-2922



Subject: MULTIPLE WARNING LIGHTS ON, VEHICLE ONLY STARTS WITH KEY TRANSMITTER NEAR START BUTTON DUE TO POOR CONTACT AT FUSE F1	Service Alert No.: SA-040/24
	Last Issued : 10/16/2024

BULLETIN NOTES

This Service Alert supersedes the previously issued SA(s) listed below. The changes are noted in Red.

Previous SAs:	Date(s) Issued:
SA-040/24	09/11/24
SA-052/23	09/11/23

APPLICABLE MODEL(S)/VINS

2024-2025 CX-90
2025 CX-70

DESCRIPTION

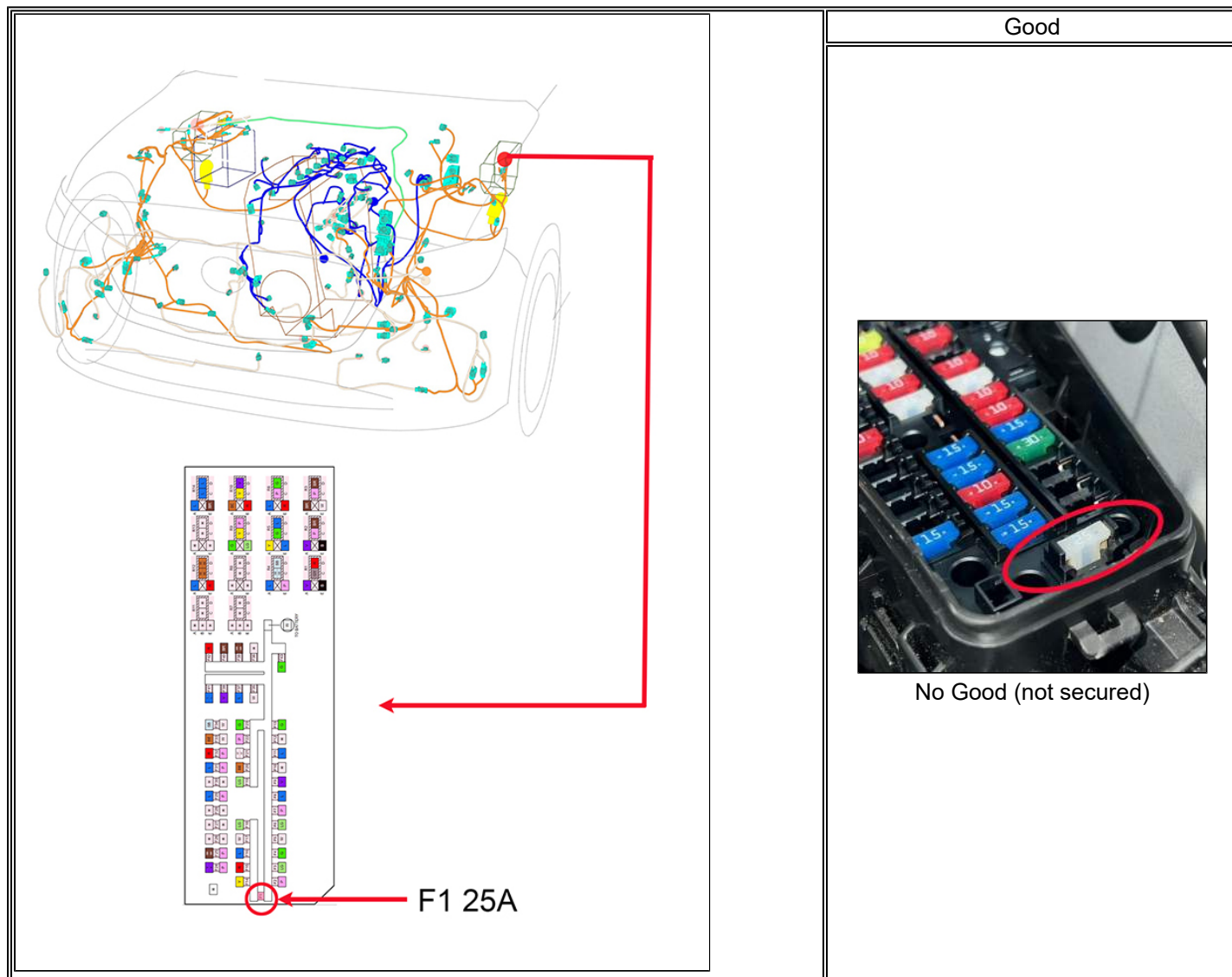
Some customer may experience any of the following:

- Multiple Warning Lights On
- Infotainment center display blank
- Engine no start unless the key transmitter is placed near the start button
- Interior lights do not illuminate
- DTC P2507:00 - PCM, PCM POWER SYSTEM: (LOW INPUT) stored.
- DTC U0156:00 - PCM, CAN communication system, Communication error with CMU (Connectivity Master Unit).

This may be caused by Fuse F1 not fully seated (poor terminal tension) or a poor ground connection at the front harness connector G03.

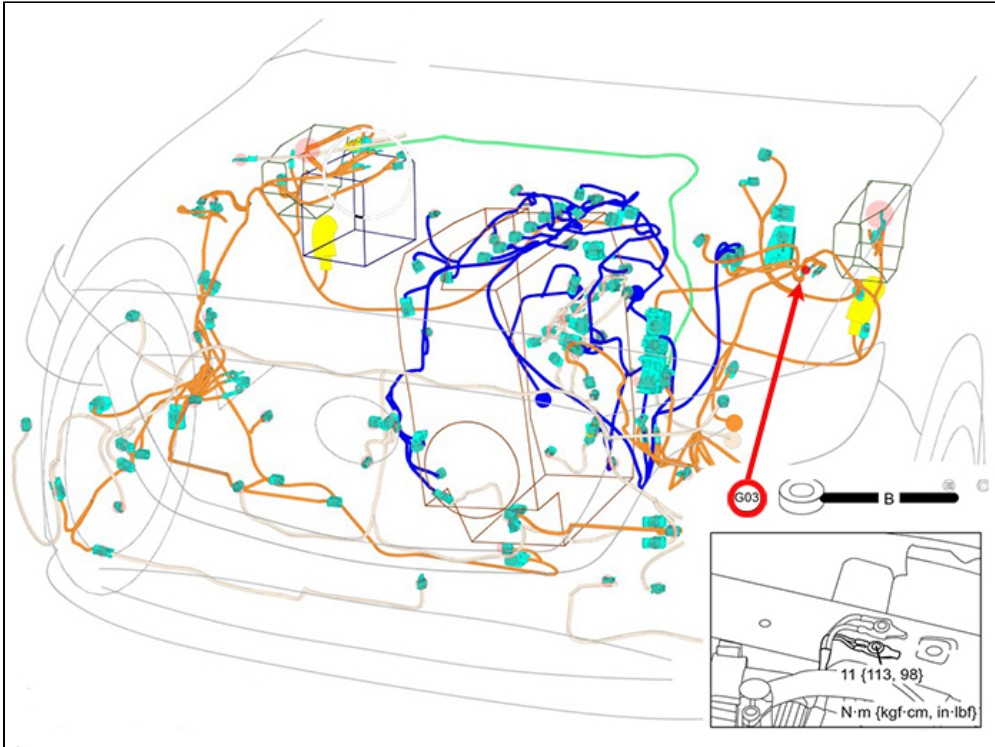


CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers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



NOTE: The F1 25A fuse is removed during transportation. The F1 25A fuse must be inserted completely before the vehicles are delivered to customers.

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.



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

REPAIR PROCEDURE

F1 fuse

1. Verify the customer concern.

2. Inspect fuse F1.

Is fuse F1 not fully seated or have poor terminal tension?

- **Yes** - Secure fuse F1
- **No** - This service information does not apply. Proceed to normal MGSS troubleshooting.

NOTE: The positioning rib may cause insufficient insertion.

3. Clear DTC's.

4. Verify the repair.



Good



No Good (not secured)

G03

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.

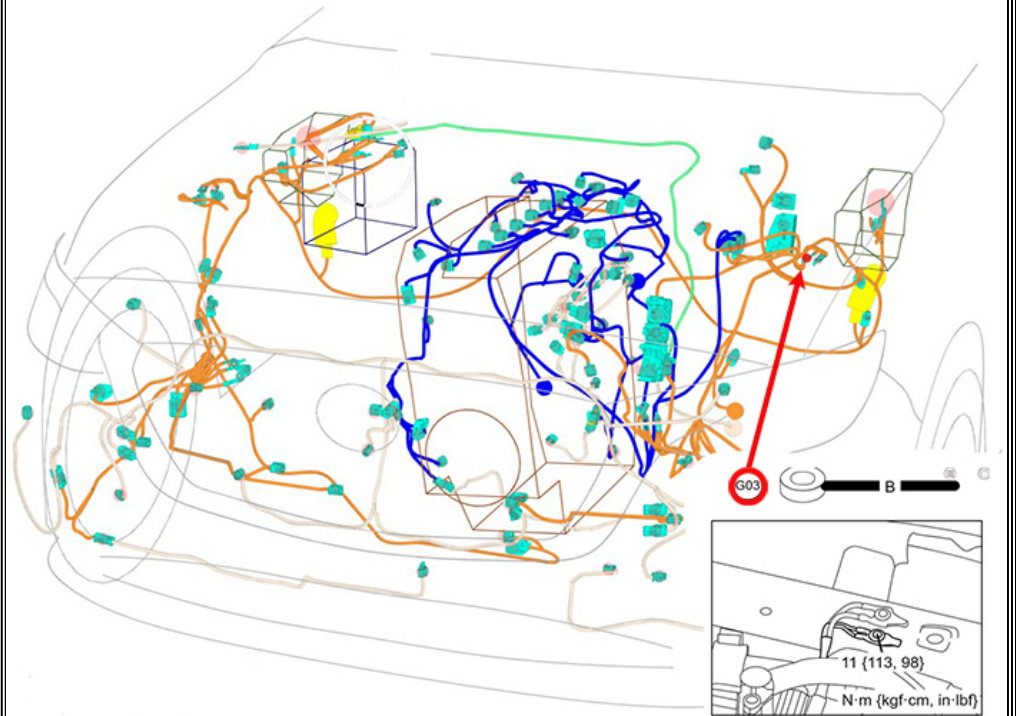
1. Verify the customer concern.
2. Inspect the front harness, connector G03.

Is G03 ground connection loose?

- **Yes** - Secure G03 ground connection.
- **No** - This service information does not apply. Proceed to normal MGSS troubleshooting.

3. Clear DTC's.

4. Verify the repair.



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.