

# Service Alert

Mazda North American Operations  
Irvine, CA 92618-2922



<b>Subject:</b> <b>HEADLIGHT INOPERATIVE, WILL NOT SHIFT OUT OF PARK, WARNING MESSAGES AND/OR DTC'S STORED</b>	<b>Service Alert No.:</b> SA-023/21
	<b>Last Issued:</b> 03/16/2021

## BULLETIN NOTES

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

Previous Service Alert(s)	Date(s) Issued
SA-018/20	01/29/20

## APPLICABLE MODEL(S)/VINS

2019-2021 Mazda3

## DESCRIPTION

Some customers may complain about any of the following:

- Warning light
- Warning message
- Headlight(s) inoperative
- Cannot shift out of Park
- Many DTC's stored
- Module communication errors

This may be caused by a damaged headlight assembly and/or water in the headlight assembly with any of the possible DTCs:

- U300A:62-28:DSC - Ignition switch
- B10A2:87-08:TCU - SAS control module collision judgement system malfunction
- B10AD:09-08:BCM - Humidity sensor/solar radiation sensor/auto light sensor/rain sensor malfunction
- B10E7:16-08:BCM - IG1 relay circuit malfunction
- P0615:13-08:BCM - Starter relay circuit malfunction
- B1512:87-08:BCM - Communication error with indicator unit
- U0155:00-08:BCM - Communication error with instrument cluster
- U0164:00-08:BCM - Communication error with dash-electrical supply unit

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- U212A:00-0B:BCM - Communication error with light control module (LH)
- U212D:00-08:BCM - Communication error with light control module (RH)
- U212E:00-08:BCM - Communication error with door-electrical supply unit (driver's side)
- U213A:00-08:BCM - Communication error with door-electrical supply unit (passenger's side)
- U213B:00-08:BCM - Communication error with LF control unit
- U213C:00-08:BCM -
- U2131:00-08:BCM - Communication error with electrical supply unit (ESU)
- U3004:16-08:BCM - ACC relay circuit malfunction
- U2050:55-0B:BCM - Activation of remote control not implemented

## REPAIR PROCEDURE

1. Verify customer concern.

**NOTE:** Check for collision damage and/or any signs of water in the headlamp assemblies. If water is found inside the headlamp, check *carefully* for improper collision repairs. Collision damage and repairs are not warrantable.

2. Disconnect one of the headlamp assembly electrical connector.

**Do the DTC's clear?**

- **YES:** Replace the headlamp assembly.
- **NO:** Connect the headlamp assembly electrical connector, then go to next step.

3. Disconnect the other headlamp assembly electrical connector.

**Do the DTC's clear?**

- **YES:** Replace the headlamp assembly.
- **NO:** Go to next step.

4. Disconnect the other headlamp assembly electrical connector (both sides disconnected).

**Do the DTC's clear?**

- **YES:** Replace both headlamp assemblies.
- **NO:** Diagnose the vehicle using MGSS for the DTC's that have set.

5. Verify repair.

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