

Service Alert

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

**TURN ON/OFF LIGHTS MANUALLY WARNING MESSAGE AND DTC
B10AD:09 STORED WHEN PARKED UNDER HOT WEATHER
CONDITIONS**

Service Alert No.: SA-035/19

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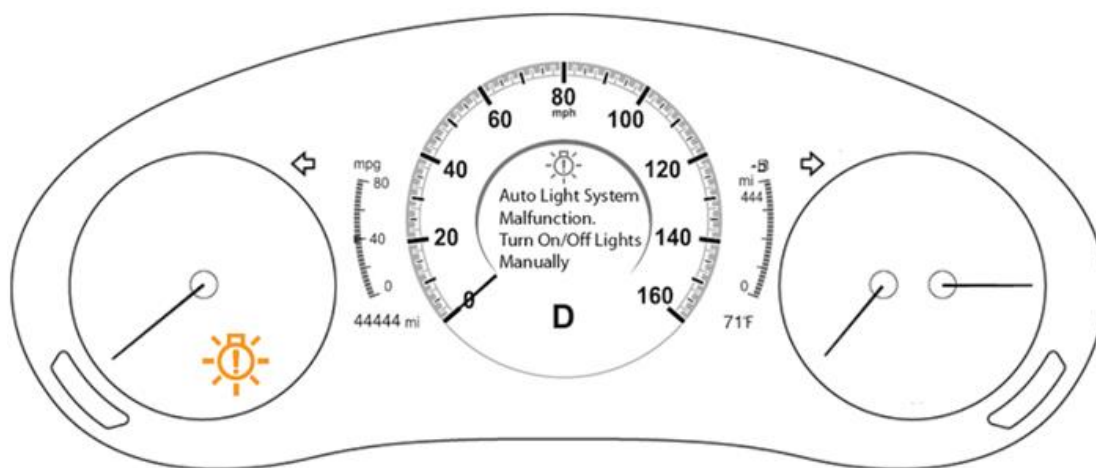
APPLICABLE MODEL(S)/VINS

2019 Mazda3

DESCRIPTION

Some customers may complain about instrument cluster warning message "Auto Light System Malfunction. Turn On/Off Lights Manually". DTC B10AD:09 (Humidity sensor/solar radiation sensor/auto light sensor/rain sensor malfunction) may be stored and the exterior light warning indicator light may be ON.

This can sometimes be duplicated after the vehicle is parked under the hot sun for a period of time.



If the rain sensor detects temperature higher than the operation range, the auto light system temporarily stops and the exterior light warning indicator light turns ON.

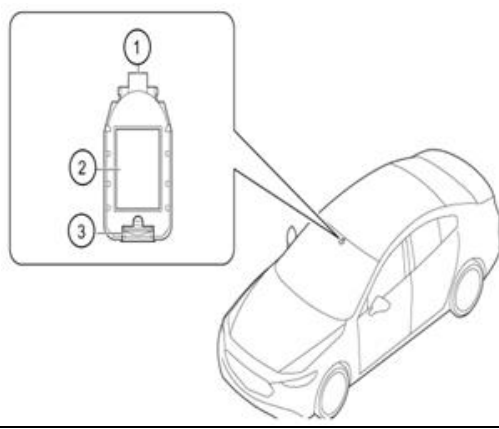
The auto light system starts to operate normally after the interior temperature drops.

1	Rain sensor, auto light sensor and humidity sensor	
2	Rain sensor detection area	

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3 Auto light detection area



If this condition occurs, use the climate control system to cool the interior. The auto light system will operate normally after the temperature around the rain sensor has dropped.
No parts replacement is needed.