

LDWS INDICATOR LIGHT (GREEN)/LDWS WARNING LIGHT (AMBER)

id092200029700

Purpose

LDWS indicator light (green)

- The LDWS indicator light (green) notifies the driver of the vehicle lane lines being recognized or that the vehicle may be departing from its lane.

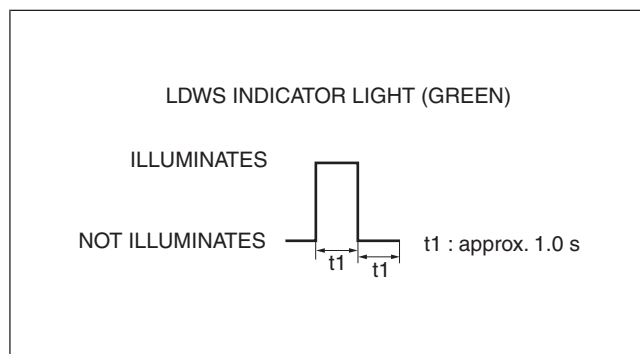
LDWS warning light (amber)

- The LDWS warning light (amber) warns the driver that a malfunction is occurring in the Lane Departure Warning System (LDWS).

Function

LDWS indicator light (green)

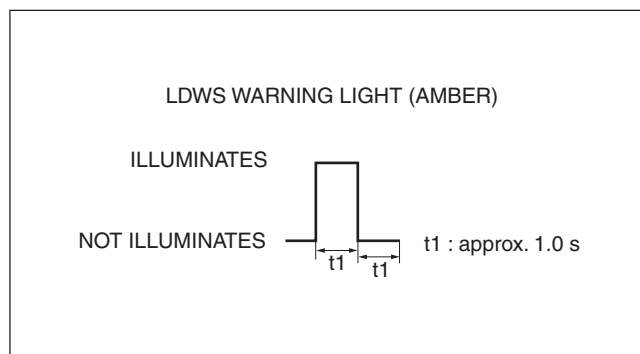
- The instrument cluster illuminates the LDWS indicator light (green) based on the system condition display request signal sent via a CAN signal from the FSC.
- The instrument cluster flashes the LDWS indicator light (green) based on the warning indication request signal sent via a CAN signal from the FSC.
- The flash pattern of the LDWS indicator light (green) is as indicated in the table.



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LDWS warning light (amber)

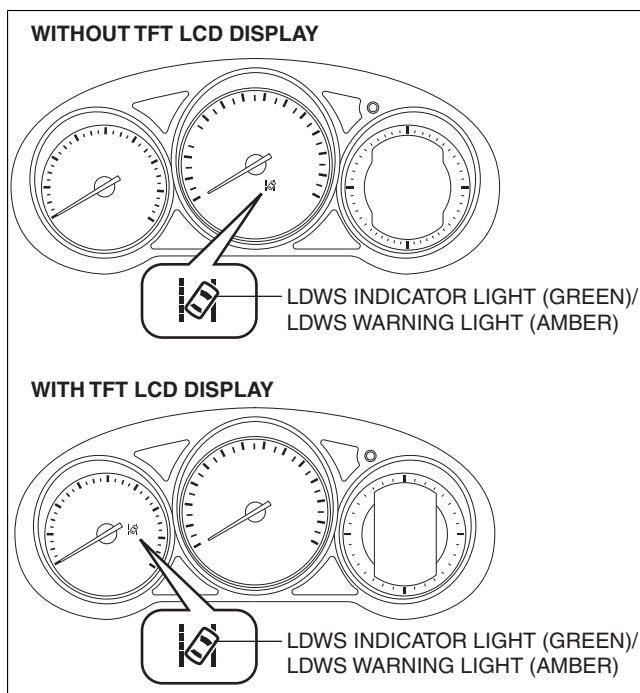
- The instrument cluster illuminates the LDWS warning light (amber) based on the system condition display request signal sent via a CAN signal from the FSC.
- The instrument cluster flashes the LDWS warning light (amber) based on the malfunction indication request signal sent via a CAN signal from the FSC.
- The flash pattern of the LDWS warning light (amber) is as indicated in the table.



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Construction

- The LDWS indicator light (green) and LDWS warning light (amber) are equipped in the instrument cluster.

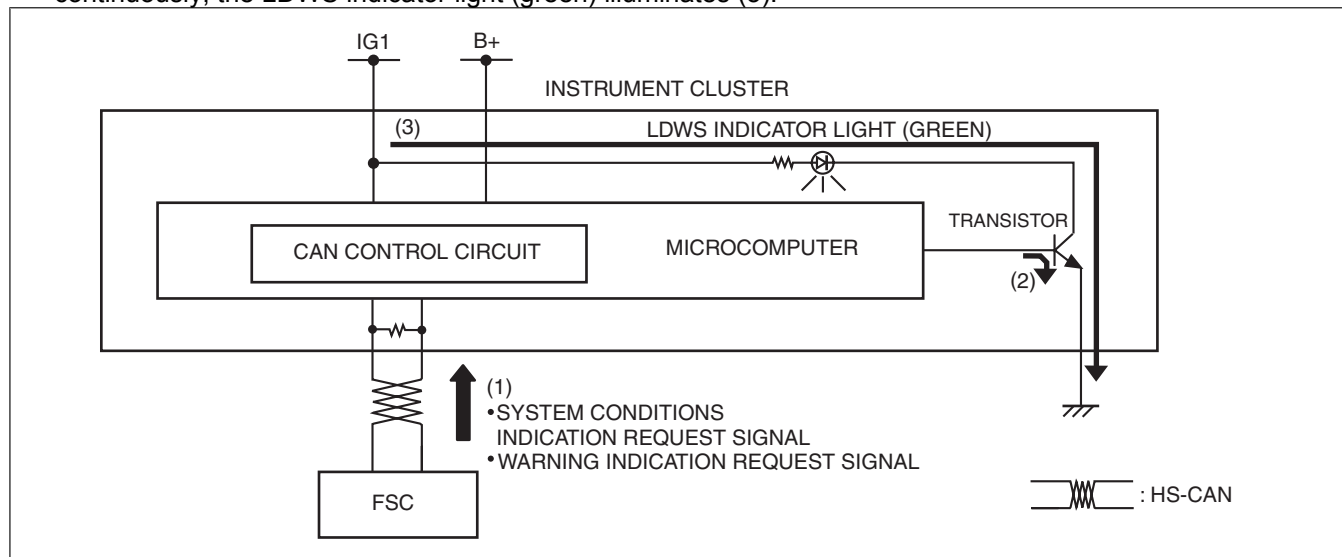


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Operation

LDWS indicator light (green)

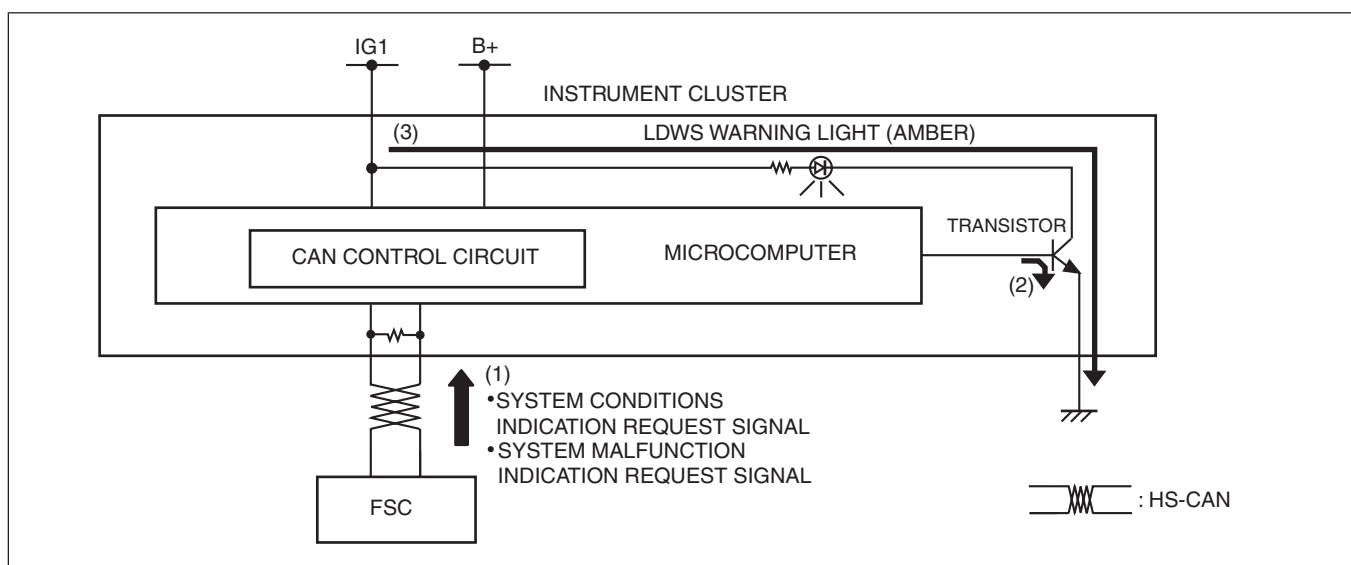
- The instrument cluster receives (1) the system conditions indication request signal or warning indication request signal from the FSC via the CAN signal.
- The instrument cluster turns the transistor on (2) intermittently for a warning indication request signal and continuously for a system conditions indication request signal.
- When the transistor turns on intermittently, the LDWS indicator light (green) flashes (3) and when it turns on continuously, the LDWS indicator light (green) illuminates (3).



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LDWS warning light (amber)

- The instrument cluster receives (1) the system conditions display request signal from the FSC or the system malfunction indication request signal via the CAN signal.
- The instrument cluster turns the transistor on (2) intermittently for a system malfunction indication request signal and continuously for a system conditions indication request signal.
- When the transistor turns on intermittently, the LDWS warning light (amber) flashes (3), and the when it turns on continuously, the LDWS warning light (amber) illuminates (3).



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Fail-safe

- Function not equipped.