

## ENGINE OIL WARNING LIGHT

id092200034300

### Purpose

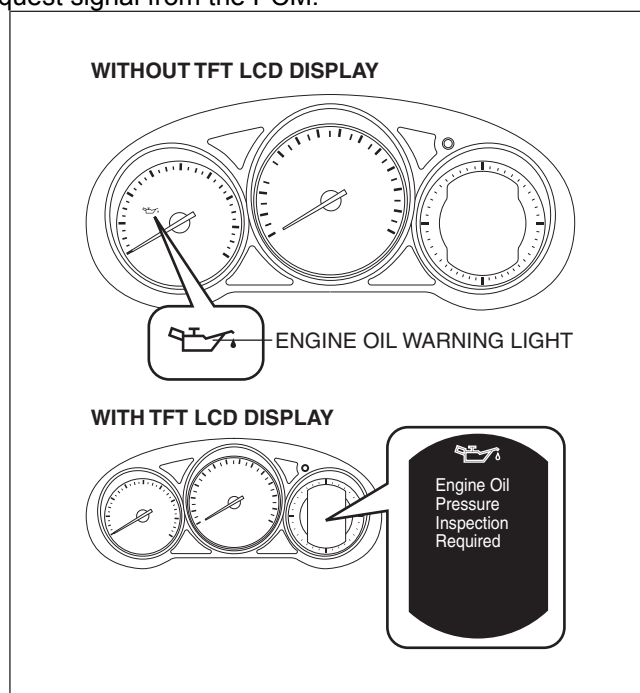
- The engine oil warning light warns the driver that the engine oil level is insufficient. (SKYACTIV-G 2.0, SKYACTIV-G 2.5, SKYACTIV-D 2.2)
- The engine oil warning light warns the user that the engine oil is diluted. (SKYACTIV-D 2.2)

### Function

- When the instrument cluster receives the engine oil warning light request signal sent from the PCM via the CAN signal, it illuminates the engine oil warning light.

### Construction

- The instrument cluster controls illumination on/off of the engine oil warning light using the instrument cluster microcomputer based on the engine oil warning light request signal from the PCM.
- The engine oil warning light is set in the instrument cluster.

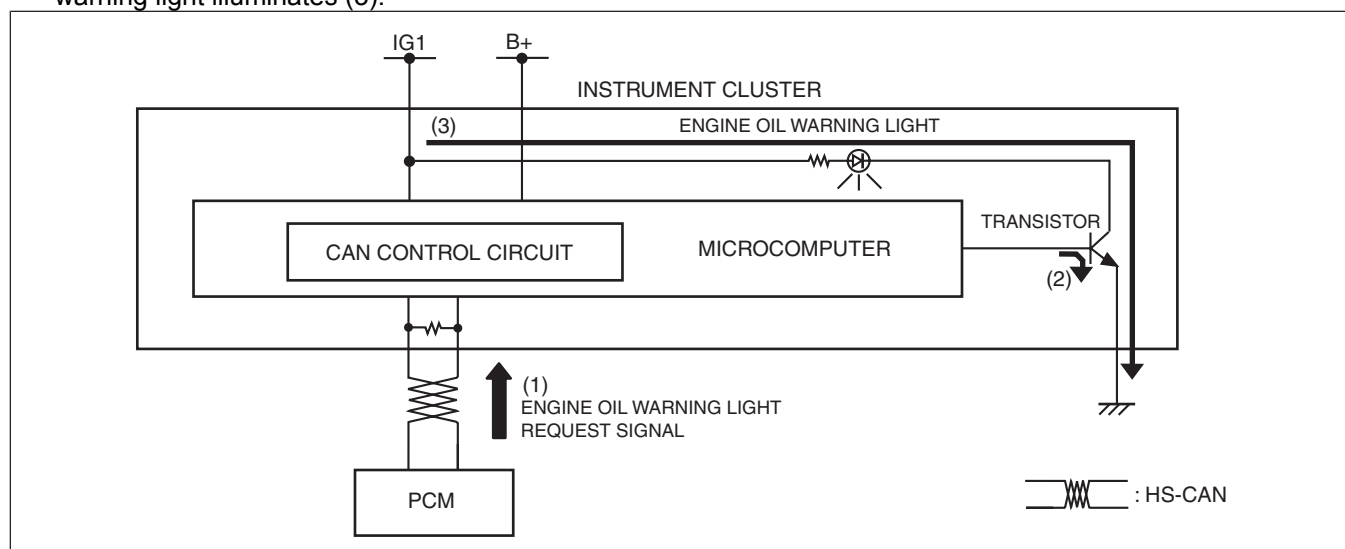


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### Operation

#### Without TFT LCD display

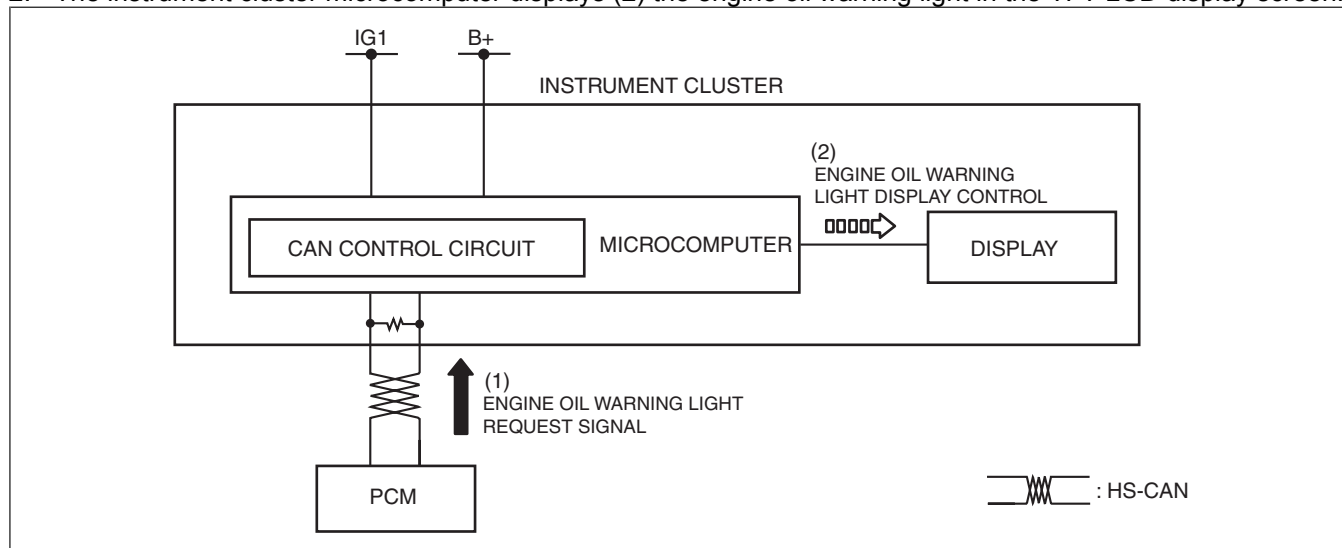
1. The instrument cluster receives (1) the engine oil warning light request signal from the PCM.
2. The instrument cluster microcomputer turns the transistor on (2) based on the engine oil warning light request signal.
3. When the transistor turns on, a ground circuit with the engine oil warning light is established and the engine oil warning light illuminates (3).



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### With TFT LCD display

1. The instrument cluster receives (1) the engine oil warning light request signal from the PCM.
2. The instrument cluster microcomputer displays (2) the engine oil warning light in the TFT LCD display screen.



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### Fail-safe

- Function not equipped.