

DIESEL PARTICULATE FILTER INDICATOR LIGHT [SKYACTIV-D 2.2]

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Purpose, Function

Vehicles with TFT LCD

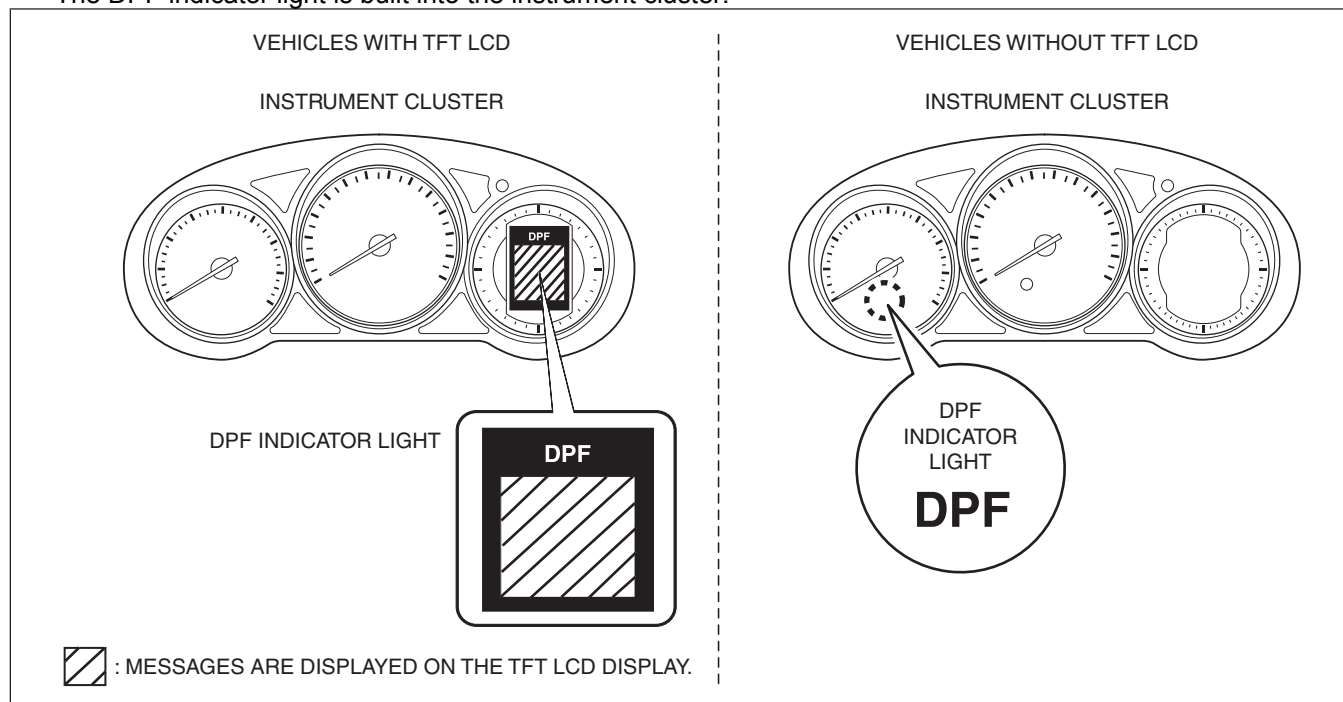
- When the PM accumulation amount in the diesel particulate filter exceeds a certain value, the DPF indicator light and a message in the TFT LCD are displayed simultaneously to inform the driver that DPF regeneration is required.

Vehicles without TFT LCD

- When the PM accumulation amount in the diesel particulate filter exceeds a certain value, the DPF indicator light illuminates/flashes to inform the driver that DPF regeneration is required.

Construction

- The DPF indicator light is built into the instrument cluster.



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Operation

Vehicles with TFT LCD

- The message display conditions related to the DPF indicator light are as follows:
 - “Soot Accumulation in DPF too high” display condition**
 - PM accumulation amount in diesel particulate filter is 8.0 g/L {0.50 lb/ft³} or more (turns off when it is 5.5 g/L {0.34 lb/ft³} or less)
 - “DPF Inspection Required” display condition**
 - PM accumulation amount in DPF is 10.0 g/L {0.62 lb/ft³} or more (turns off when it is 5.5 g/L {0.34 lb/ft³} or less)
- The PCM sends a message indication request to the instrument cluster via CAN communication.

Vehicles without TFT LCD

- The DPF indicator light illumination/flashing conditions are as follows:
 - DPF indicator light illumination conditions**
 - Ignition switch ON (turns off after several second)
 - PM accumulation amount in diesel particulate filter is 8.0 g/L {0.50 lb/ft³} or more (turns off when it is 5.5 g/L {0.34 lb/ft³} or less)
 - DPF indicator light flashing condition**
 - PM accumulation amount in DPF is 10.0 g/L {0.62 lb/ft³} or more (turns off when it is 5.5 g/L {0.34 lb/ft³} or less)
- The PCM sends a DPF indicator light illumination/flashing request to the instrument cluster via CAN communication.