

LIGHTS-ON REMINDER WARNING ALARM

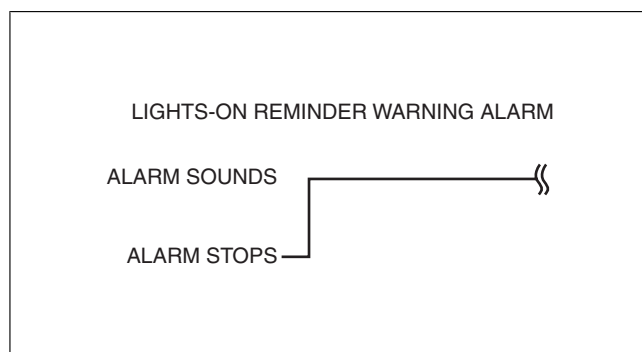
id092200019200

Purpose

- The lights-on reminder warning alarm notifies the driver that the TNS and headlights are not turned off.

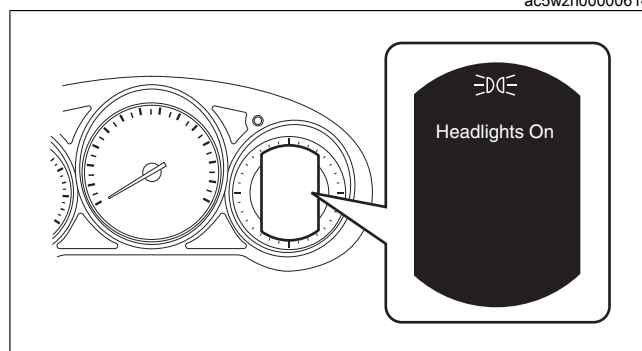
Function

- The instrument cluster receives the following vehicle condition signals via the CAN signal from the start stop unit and rear body control module (RBCM).
 - TNS switch ON signal from start stop unit (TNS and headlights illuminate)
 - Driver's front door latch switch ON signal from rear body control module (RBCM)
- If the ignition is switched to OFF or ACC when all the above vehicle condition signals are received, the instrument cluster operates the lights-on reminder alarm.
- The lights-on reminder warning alarm sound pattern is as shown in the figure.



ac5wzn00000614

- The instrument cluster equipped with the TFT LCD displays a warning message in the TFT LCD display simultaneously when the lights-on reminder warning alarm sounds.



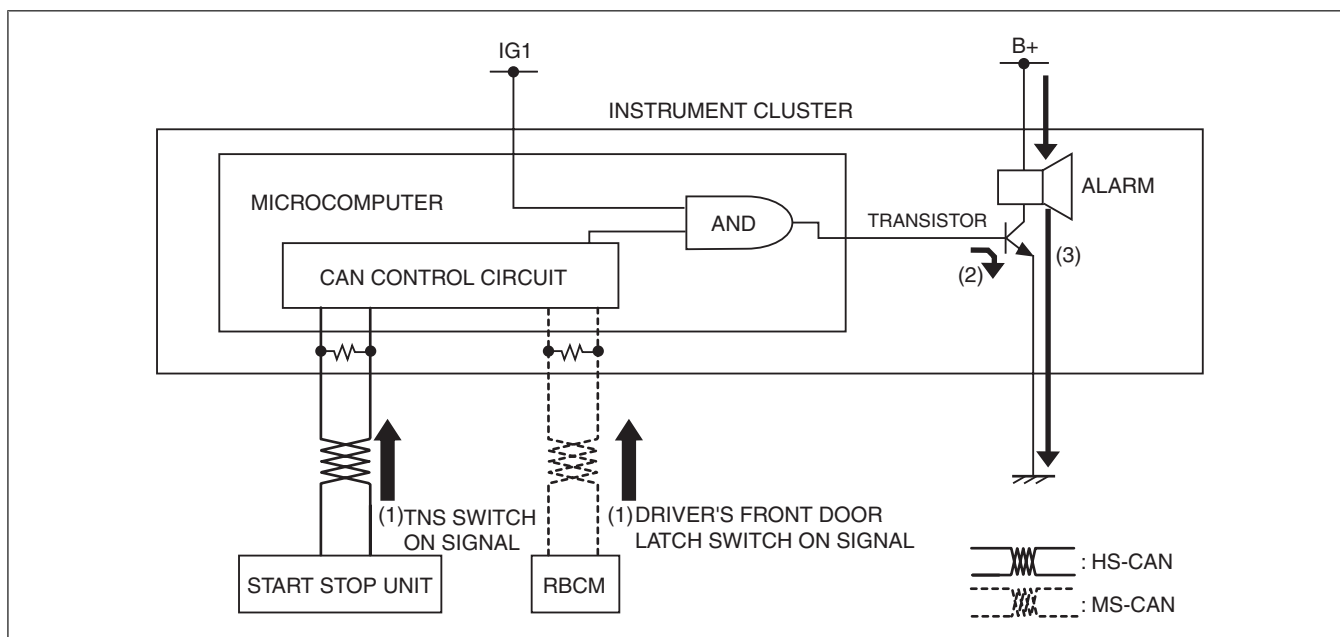
ac5wzn00002052

Construction

- The lights-on reminder warning alarm sounds using the buzzer built into the instrument cluster.

Operation

- The instrument cluster receives (1) the TNS switch ON signal from the start stop unit and driver's front door latch switch ON signal from the rear body control module (RBCM).
- When the ignition is switched to OFF or ACC while each signal is received, the instrument cluster turns on (2) the transistor.
- When the transistor turns on, the ground circuit of the alarm is established and the alarm sounds (3).



ac5uun00000887

Fail-safe

- Function not equipped.