BLIND SPOT MONITORING (BSM) WARNING ALARM
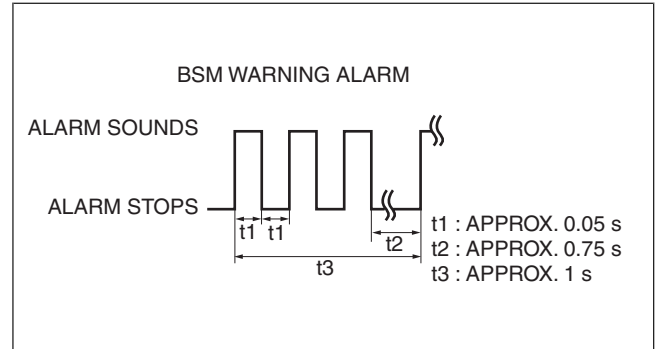
id092200028100

Purpose
 • The Blind Spot Monitoring (BSM) warning alarm warns the driver of a possible accident.

Function
 • If the instrument cluster receives a warning sound request signal from the BSM control module (RH), it sounds the BSM warning alarm using the buzzer in the instrument cluster.
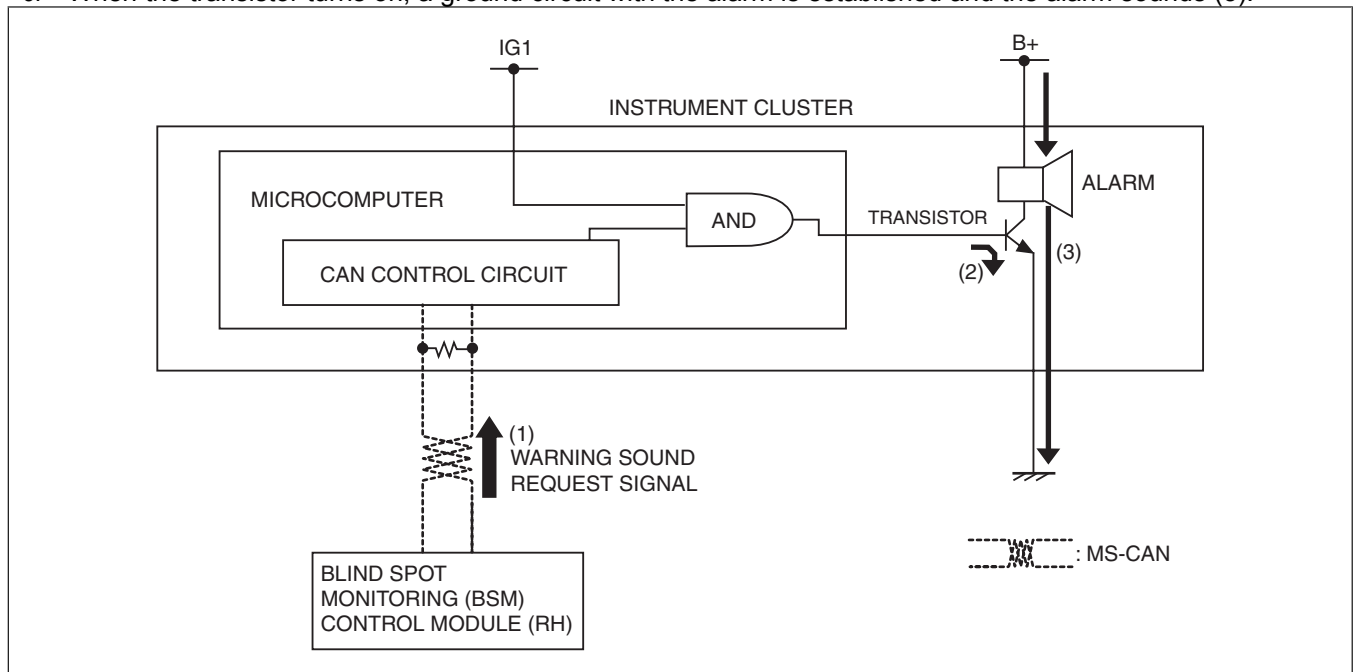 • The BSM warning alarm sound pattern is as follows:

BSM WARNING ALARM

ALARM SOUNDS

ALARM STOPS

t1 : APPROX. 0.05 s
t2 : APPROX. 0.75 s
t3 : APPROX. 1 s

ac5wzn00001433

Construction
 • The BSM warning alarm sounds using the buzzer built into the instrument cluster.

Operation
 1. The instrument cluster receives (1) the warning sound request signal from the BSM control module (RH).
 2. The instrument cluster turns the transistor on (2) based on the warning sound request signal.
 3. When the transistor turns on, a ground circuit with the alarm is established and the alarm sounds (3).

IG1

B+

INSTRUMENT CLUSTER

MICROCOMPUTER

AND

CAN CONTROL CIRCUIT

TRANSISTOR

ALARM

(2)

(3)

(1)
WARNING SOUND
REQUEST SIGNAL

BLIND SPOT
MONITORING (BSM)
CONTROL MODULE (RH)

: MS-CAN

ac5jjn00000806

Fail-safe
 • Function not equipped.