KEYLESS WARNING ALARM

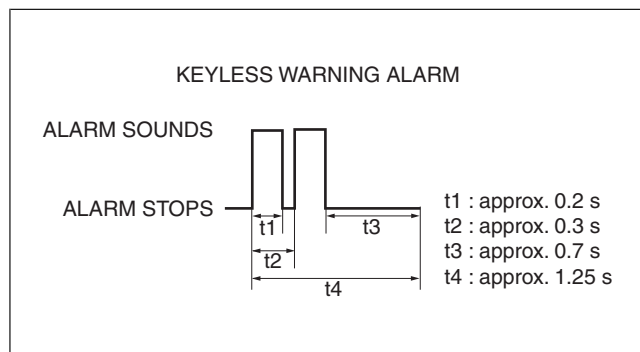### Purpose
- The keyless warning alarm notifies the driver that the remote transmitter cannot be verified or the steering lock cannot be released.
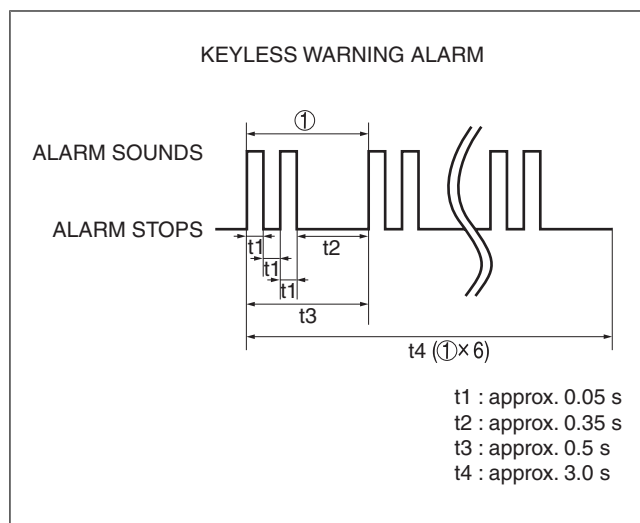
Function
- When the instrument cluster receives the keyless warning alarm request signal sent from the start stop unit via the CAN signal, the keyless warning alarm sounds.
- The keyless warning alarm sound pattern is as follows: For the conditions that the alarm for each pattern sounds, refer to KEYLESS ENTRY SYSTEM (without advanced keyless entry system)/ADVANCED KEYLESS ENTRY SYSTEM (with advanced keyless entry system).
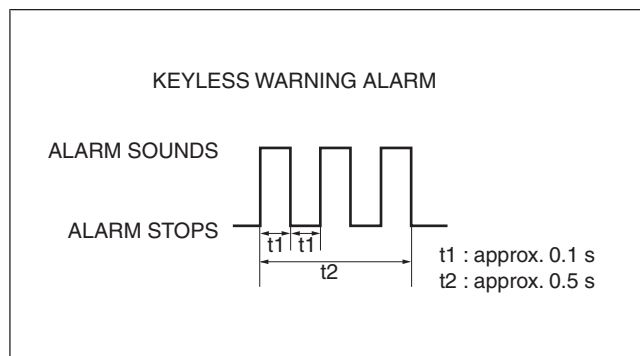
Pattern A

KEYLESS WARNING ALARM

ALARM SOUNDS

ALARM STOPS

t1 : approx. 0.2 s
t2 : approx. 0.3 s
t3 : approx. 0.7 s
t4 : approx. 1.25 s

ac5wzn00000620

Pattern B

KEYLESS WARNING ALARM

ALARM SOUNDS

ALARM STOPS

t4 (①× 6)

t1 : approx. 0.05 s
t2 : approx. 0.35 s
t3 : approx. 0.5 s
t4 : approx. 3.0 s

ac5wzn00000621

Pattern C

KEYLESS WARNING ALARM

ALARM SOUNDS

ALARM STOPS

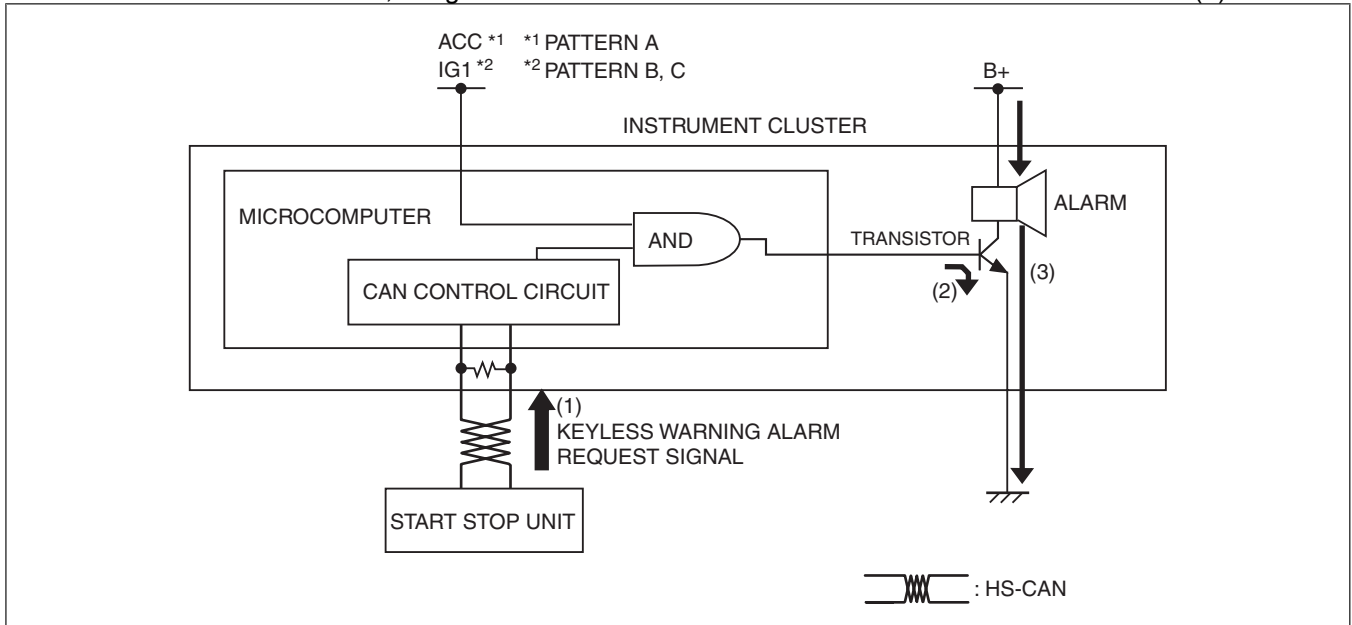t1 : approx. 0.1 s
t2 : approx. 0.5 s

ac5wzn00000622

Construction
- The keyless warning alarm sounds using the buzzer built into the instrument cluster.

Operation

1. The instrument cluster receives (1) the keyless warning alarm request signal from the start stop unit.
2. The instrument cluster microcomputer turns the transistor on (2) based on the keyless warning alarm request signal.
3. When the transistor turns on, the ground circuit of the alarm is established and the alarm sounds (3).

ACC *1   *1 PATTERN A
IG1 *2   *2 PATTERN B, C   B+

INSTRUMENT CLUSTER

MICROCOMPUTER   ALARM

                              AND   TRANSISTOR

CAN CONTROL CIRCUIT   (2)   (3)

(1)
KEYLESS WARNING ALARM
REQUEST SIGNAL

START STOP UNIT

: HS-CAN

ac5wzn00000623

Fail-safe

• Function not equipped.