ECU_1

ECU_1

D

S

L

BCM

UC

OS

D

S

L

BCM

UC

OS

CAN

BUS

Flowchart

```
                              START
                                │
                                ▼
              NO  ◄──────── D=opened ────────►  YES
               │                │                 │
               ▼                │                 ▼
           LL & RL         NO ◄─┴─► YES      NO ◄─ S>0 ─► YES
           = ON            S>0                │          │
               │           │   │              ▼          ▼
              YES          ▼   ▼          Buzzer OFF   Buzzer ON
               │         L=     L=        Lights ON    Lights OFF
               ▼       pressed  pressed
          Delay 3 sec    │        │
          Lights OFF    YES      YES
                         │        │
                         ▼        ▼
                    Buzzer ON   Buzzer OFF
                    Lights ON   Lights ON
```