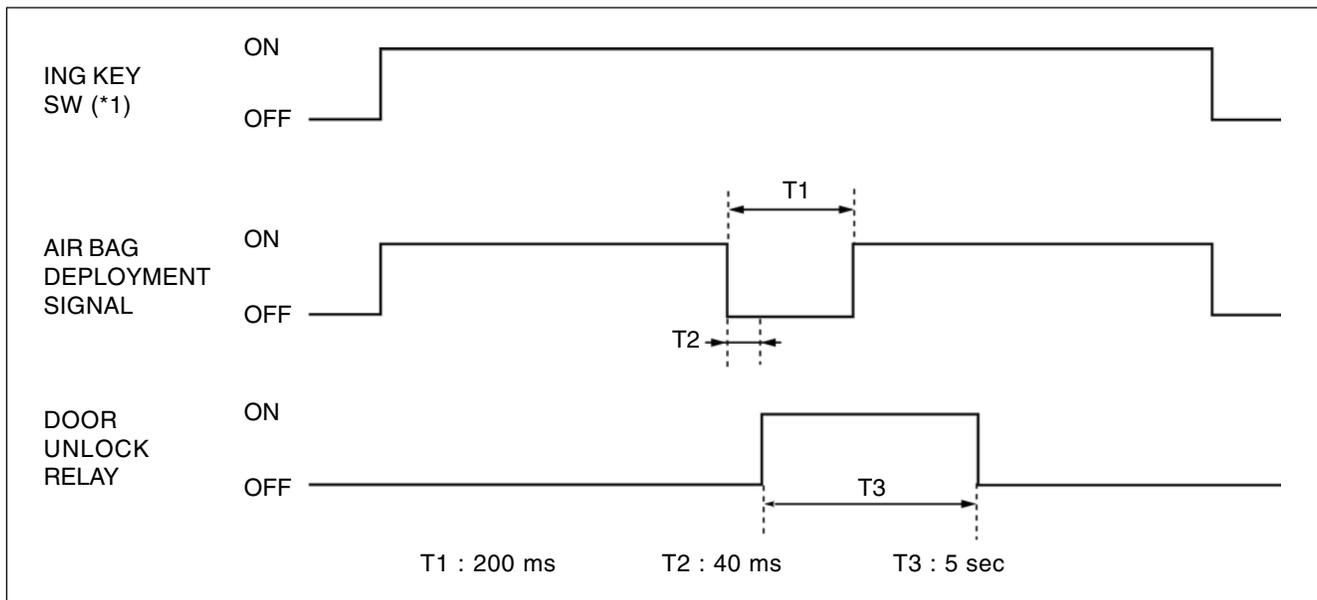# 7. AIR BAG DEPLOYMENT SIGNAL OUTPUT (CRASH OUT)

When the air bag deploys, the signal is sent to STICS to perform the basic security operation which is the automatic door unlock function that release the automatic door lock mode.

200 ms

Deployment signal output
(Crash out)

Automatic Door Unlock (Crash unlock: unlock when colliding)

1. When the ignition key is the ON position, the air bag signal is not accepted for the first 7 seconds.

2. When the ignition key is the ON position and the vehicle speed is 3 km/h or higher, 40 ms after receiving the air bag deployment signal, the STICS sends out the door UNLOCK signal for 5 seconds.

3. Even though the ignition switch is turned off in the middle of the unlock signal being sent out, the unlock signal continues for the remaining time.

4. This function cancels when the ignition key is withdrawn.

ING KEY SW (*1): ON / OFF

AIR BAG DEPLOYMENT SIGNAL: ON / OFF T1 T2

DOOR UNLOCK RELAY: ON / OFF T3

T1 : 200 ms   T2 : 40 ms   T3 : 5 sec

⚠ **NOTICE**

Reminder for door lock/unlock control

• **The unlock function by the air bag signal takes priority over any other lock/unlock operations.**

• **While or after the automatic unlock is made by the air bag system, any lock or unlock request by other functions is ignored unless the ignition key switch is turned off.**

• **When another lock or unlock output is requested while the door is being either locked or unlock, the new request will be ignored. But, if an unlock request is made by the air bag signal or the remote control key, the request will be accepted.**

• **When the lock and unlock functions are simultaneously requested, the lock function will be performed and the unlock function will be ignored.**

CHANGED BY	
EFFECTIVE DATE	
AFFECTED VIN	