■ FUNCTION

Start Function

The start function has different power source patterns to suit the brake pedal state and shift lever position.

Pattern	Brake pedal	Shift Lever	Power Source Pattern
A	Depressed	P or N position	When the engine switch is pushed once. ● Off (Lock) → On (IG) (After the engine is started)
B	Not Depressed	P position	Each time the engine switch is pushed. ● Off (Lock) → On (ACC) → On (IG) → Off (Lock)
C		Except P position	Each time the engine switch is pushed. ● Off (Lock) → On (ACC) → On (IG) → On (ACC)
D	—	P position	When the engine switch is pushed in the On (IG) condition. ● On (IG) (Engine is started or not started) → Off (Lock)
E	—	Except P position	When the engine switch is pushed in the On (IG) condition. ● On (IG) (Engine is started or not started) → On (ACC)

▶ Transition of Power Source Mode ◀

Shift Lever position		P				N		Except P and N	
Pattern		B and D	A or D	—		C or E	A or E	C or E	—
Engine Switch		Pushed	Pushed	—		Pushed	Pushed	Pushed	Pushed
Brake Pedal		—	Depressed	—		—	Depressed	—	Depressed
Time		—	—	∗1	∗2	—	—	—	—
Power Source	Off								
	On (ACC)					# #	#	# #	#
	On (IG)								
	Engine Start								

⇦ : Transition

⇦ : Only when key certification is OK.

⇦ : Only when the vehicle is stopped. (While driving, if the engine switch is pressed for 3 seconds or more or pressed 3 times or more in a row, the engine is stopped and the power source mode changes to on (ACC).

⇦ : Power source transition to off is possible only when the power source mode has changed to on (ACC), such as the power source transition indicated by #, and the shift lever has been moved to P.

∗1: Not operated for 20 minutes
∗2: Not operated for 1 hour

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NOTICE:

- **Normally, the operation of the engine switch is disabled while the vehicle is being driven. However, if the engine must be stopped in an emergency while the vehicle is in motion, the driver can press the engine switch for approximately 3 seconds or more, or press it briefly for 3 times or more in succession to stop the engine.**
- **If no signals are transmitted to the certification ECU (smart key ECU assembly) due to a malfunction in the stop light switch assembly or park/neutral position switch assembly, the engine will not start even if the driver presses the engine switch while depressing the brake pedal. In this case, the driver can start the engine by the following operations. Press the engine switch to turn the power source mode from off (Lock) to on (ACC), and press the engine switch again and hold it for 15 seconds or more.**
- **The above 2 operations must be applied only in emergency situations. Under normal conditions, the engine must not be stopped by pressing the engine switch during driving or started without depressing the brake pedal when the shift lever is in any position other than P or N.**