

6. Start Function Operation

General

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 → IG ON (after the engine is started)
B	Not Depressed	P Position	Each time the engine switch is pushed. ● OFF → ACC → IG ON → OFF
C		Except P Position	Each time the engine switch is pushed. ● OFF → ACC → IG ON → ACC
D	—	P Position	When the engine switch is pushed in the IG-ON condition.
E	—	Except P Position	When the engine switch is pushed in the IG-ON condition.

► Transition of Power Source ◀

Shift Position	P			N		Except P, N	
	B or D	A or D	—	C or E	A or E	C or E	—
Pattern	Pushed	Pushed	—	Pushed	Pushed	Pushed	Pushed
Brake	—	Depressed	—	—	Depressed	—	Depressed
Hour	—	—	After 1 hour	—	—	—	—
Power Source	OFF	↓ ↓ ↑		↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓
	ACC	↓ ↓ ↓		↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓
	IG	↓ ↓ ↓		↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓
	Engine Start	↓ ↓ ↓		↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓	↓ ↓ ↓

↔ : Transition

▨ : Only when the key certification is OK

▣ : Only when the vehicle is stopped

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- NOTE:**
- Normally, the operation of the engine switch is disabled while the vehicle is being driven. However, if 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 to stop the engine.
 - If no signals are transmitted to the main body ECU due to malfunctions in the stop light switch system, the engine may not start when the engine switch is pressed with the brake pedal depressed. In such cases, performing the following procedure may enable the engine to start: 1) press the engine switch to turn the power source from OFF to ACC, and 2) press the engine switch again and hold it for 15 seconds or more.
 - Above two 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.