

PUSH BUTTON START SYSTEM DOES NOT OPERATE [SECURITY AND LOCKS]

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Description

- When the push button start is pressed, the ignition cannot be switched to ACC or ON (engine off).

Possible cause

- Open circuit in wiring harness between the following terminals:
 - Start stop unit terminal 1H and push button start terminal C
 - Start stop unit terminal 2J and push button start terminal I
 - Start stop unit terminal 1AF and ground
 - Start stop unit terminal 2B and ground
 - Start stop unit terminal 2A and ground

Diagnostic Procedure

Step	Inspection	Action	
1	INSPECT IF MALFUNCTION CAUSE IS OPEN CIRCUIT IN WIRING HARNESS BETWEEN START STOP UNIT AND PUSH BUTTON START <ul style="list-style-type: none">Disconnect the negative battery cable. (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-G 2.0, SKYACTIV-G 2.5 (WITHOUT i-stop)].) (See NEGATIVE BATTERY CABLE DISCONNECTION/CONNECTION [SKYACTIV-D 2.2].)Disconnect the Start stop unit and push button start connector.Inspect for continuity between the following terminals (vehicle wiring harness).<ul style="list-style-type: none">Start stop unit terminal 1H and push button start terminal CStart stop unit terminal 2J and push button start terminal IIs there continuity?	Yes	Go to the next step.
		No	<ul style="list-style-type: none">Repair or replace the wiring harness for an open circuit.After repair procedure, go to Step 3.
2	INSPECT IF MALFUNCTION CAUSE IS OPEN CIRCUIT IN WIRING HARNESS BETWEEN START STOP UNIT AND GROUND <ul style="list-style-type: none">Verify that the start stop unit connector is disconnected.Inspect for continuity between the following terminals (vehicle wiring harness).<ul style="list-style-type: none">Start stop unit terminal 1AF and groundStart stop unit terminal 2B and groundStart stop unit terminal 2A and groundIs there continuity?	Yes	Go to the next step.
		No	<ul style="list-style-type: none">Repair or replace the wiring harness for an open circuit.After repair, go to the next step.
3	VERIFY IF MALFUNCTION CAUSE WAS CORRECTED <ul style="list-style-type: none">Does the push button start button operate correctly?	Yes	Troubleshooting completed. (Explain the contents of the servicing to the customer.)
		No	If the malfunction has not been resolved, repeat the inspection from Step 1.