

STEERING LOCK FUNCTION DOES NOT OPERATE [SECURITY AND LOCKS]

id0903k7012700

Description

- Switch the ignition from ON (engine off or on) to OFF and do not lock the steering when opening/closing the door.

Possible cause

- Open circuit in wiring harness between the following terminals:
 - Start stop unit terminal 1P and front door lock link switch (driver's side) terminal D (L.H.D.) / J (R.H.D.)
 - Start stop unit terminal 2A and ground
- Short to ground in wiring harness between start stop unit terminal 1P and front door lock link switch (driver's side) terminal D (L.H.D.) / J (R.H.D.)

Diagnostic Procedure

Step	Inspection		Action
1	INSPECT IF MALFUNCTION CAUSE IS OPEN CIRCUIT IN WIRING HARNESS BETWEEN START STOP UNIT AND DOOR LOCK LINK SWITCH (DRIVER-SIDE) <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 front door latch and lock actuator connector.Inspect for continuity between the following terminals (vehicle wiring harness).<ul style="list-style-type: none">— Start stop unit terminal 1P and front door lock link switch terminal J (L.H.D.) / D (R.H.D.)Is 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 4.
2	INSPECT IF MALFUNCTION CAUSE IS SHORT TO GROUND IN WIRING HARNESS BETWEEN START STOP UNIT AND DOOR LOCK LINK SWITCH (DRIVER-SIDE) <ul style="list-style-type: none">Verify that the start stop unit connector is disconnected.Inspect for continuity between the following wiring harness terminals (vehicle wiring harness side) and body ground.<ul style="list-style-type: none">— Start stop unit terminal 1P 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 procedure, go to Step 4.
3	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 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.
4	VERIFY IF MALFUNCTION CAUSE WAS CORRECTED <ul style="list-style-type: none">Is the steering lock operation normal?	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.