



SKSNG907 and SKSNG907RV Error Codes

The SKSNG907 and SKSNG907RV has the ability to produce error codes using both the parking lights (hazards) and an LED on the SmartKey Starter® module. The number of flashes will correspond to an error code which can assist with troubleshooting.

CONTENTS



The SKSNG907 and SKSNG907RV remote start have built-in diagnostic codes that will flash both the parking lights (easiest place to view is on instrument cluster) **and** an LED on the SmartKey Starter® module. The number of flashes will correspond to an error code which will assist with troubleshooting.

Error Code = # of Parking Light / Turn Signal Flashes

1

Not used

2

Low fuel shutoff

*When enabled (custom setting by request), vehicle will not remote start when fuel level is below 1/4 tank

Remedy (if enabled): Fill fuel tank to level > 1/4 tank.

3

Not used

4

Error: Valet mode (remote start off)

Remedy: Enable remote start on (valet mode off) using menu. Instructions for valet mode

[Instructions for disabling valet mode \(turning remote start on\) without menu](#)

Menu instructions (remote start on/off is first option)

5

Error: No communication with PCM module

Remedy: Power cycle SKSPCM module. Checking wiring for loose wires, loose connections, or bent pins.

6

Error: Improper key takeover

Remedy: Ensure proper key takeover procedure ([click here for Step 21 on installation manual](#))

7

Error: Hood open *

- Custom setting by request. Vehicle does not come with OEM hood pin. If option is activated, hood pin must be installed.

Remedy (if enabled and hood pin installed): Close hood

8

Error: RPM over-rev

High RPMs were detected. Check to ensure that vehicle is operating normally. Double check to make sure that error code is actually 8 flashes. Contact Mid City Engineering if 8 flash error persists and vehicle is operating normally.

9

Error: Vehicle does not see key

Remedy: Check key in box and key in box connection. [See steps 17-19 in installation manual.](#)

- Check battery emulator connection. Make sure that it is facing correct orientation.
- Ensure key box is plugged into SmartKey Starter® module
- Verify that key in box key is working properly (remove key from box, insert battery, test with push to start). If key does not work- try starting with key in emergency slot (below cupholders) and let run for at least 1 minute- then shutdown vehicle and try key in key box again. Key can lose sync with vehicle.

10

Error: Variant wrong

Note: this error should not occur on modules labeled V5.23 or above. If system has older version (<5.23), contact Mid City Engineering for variant override instructions.