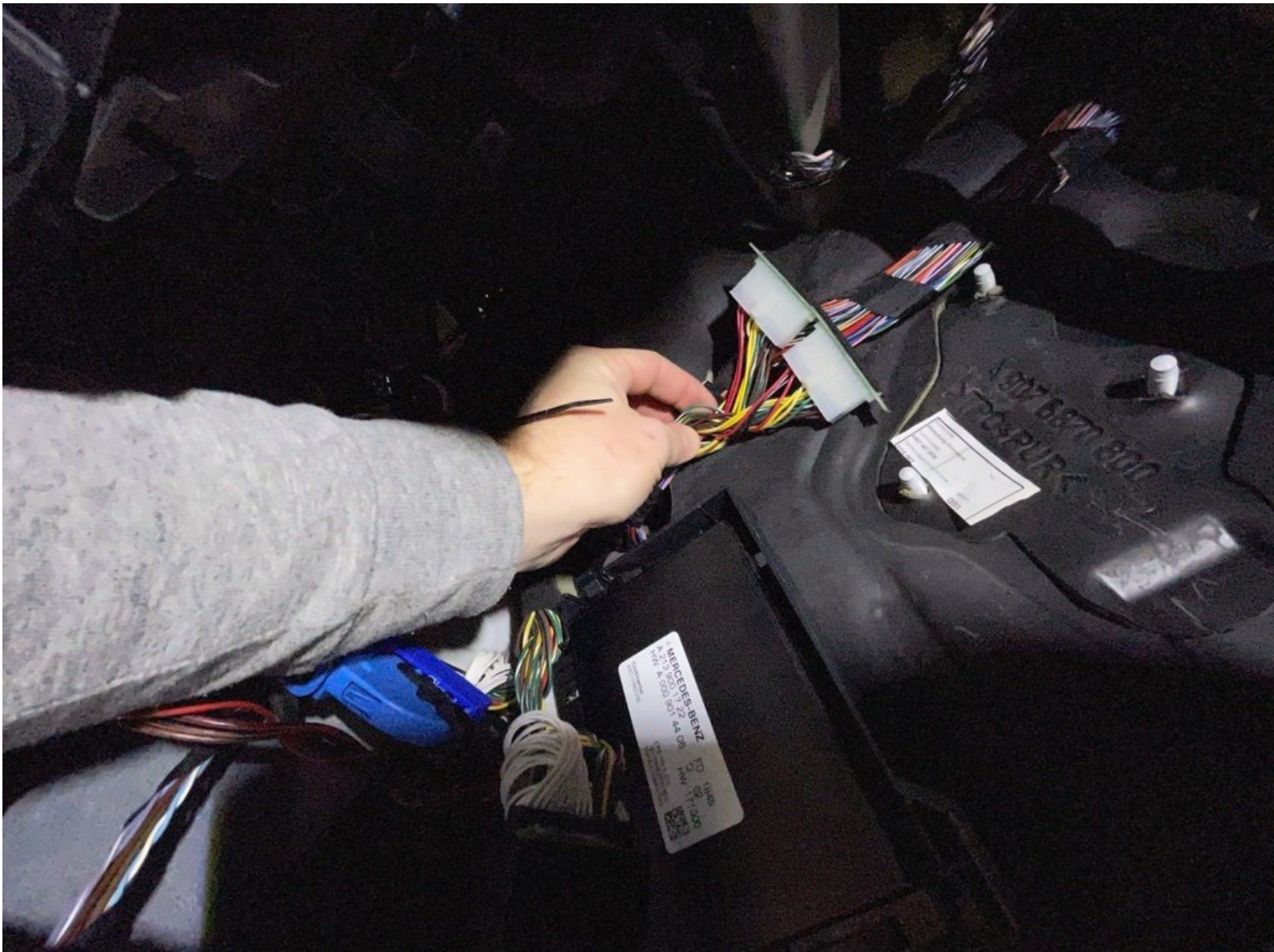


How to Bypass SKSNG907 / SKSNG907RV SmartKey Starter® Using Jumpers

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INTRODUCTION

It is recommended that the SKSNG907 or SKSNG907RV SmartKey Starter® be bypassed when performing any software updates or mechanical service.

NOTE: IT IS REQUIRED TO BYPASS THE SYSTEM BEFORE PERFORMING ANY FLASH UPDATES (IE: MERCEDES RECALL CAMPAIGNS)

It is also recommended that the SmartKey Starter® be bypassed as a standard practice for troubleshooting any issues with the vehicle.

Note: Before performing bypass, vehicle chassis battery ground should be disconnected. There is a quick disconnect cable conveniently located under the driver side dash. See instructions below.

To make bypassing the system easier, we have developed a set of jumpers that, when used, will completely bypass the SKSNG907 or SKSNG907RV. Rather than disconnecting the T-harness, the modules can be un-plugged and replaced with the jumpers. It is possible to mount the modules in a position where the jumpers can be installed to bypass the system in as little as 2 minutes. This guide demonstrates how to use the jumpers to bypass the system

If you would like to be sent jumpers for bypassing a system, please email sales@midcityengineering.com with your software version and address and a set of jumpers will be sent to you.

If you do not have jumpers and need to bypass the system, please use this guide to bypass the system at the T-harnessing: [How to Bypass / Remove SKSNG907 / SKSNG907RV SmartKey Starter®](#)

If you are servicing the vehicle and have any questions, please do not hesitate to contact us at 312-421-1114 or sales@midcityengineering.com - we are happy to assist in any way.

Step 1 — Disconnect chassis battery ground



i There is a battery quick disconnect that should be used to disconnect the chassis battery ground before performing this bypass

! The battery disconnect instructions are for general reference only. For instructions and chassis specific details, refer to your vehicles owner manual before performing this disconnect.

★ Vehicle ignition must be off for at least 20 minutes before using battery disconnect

- Battery disconnect is located under the driver side dash to the right of the accelerator pedal
- Remove access panel above and to the right of the accelerator pedal

Step 2 — Un-plug battery quick disconnect cable



- Locate battery quick disconnect cable behind access panel
- There is a red tab on the top of the disconnect cable. To release the cable from the post, the red tab needs to be pushed downward
- Push the red tab downward to release the cable and pull towards the rear of the cable at the same time to remove cable from post

⚠ Carefully place battery disconnect cable to the side

Step 3 — Locate SmartKey Starter modules in driver side under dash area



- ❗ The SKSNG907 or SKSNG907RV is connected using T-harnessing in the driver side under dash area
- ❗ The system has 2 modules. One is labeled '**SmartKey Starter**' and the other is labeled '**SKSPCM**'
- The the main plug at the module labeled '**SmartKey Starter**' is a **20 pin connector**
- The main plug at the module labeled '**SKSPCM**' is either a **20 pin or 16 pin connector**

Step 4 — Connect jumpers to main T-harness plug



- Un-plug the SmartKey Starter and SKSPCM modules from the T-harnessing
- Connect jumpers to main T-harnessing plug
- ❗ If the SKSPCM module has a 16 pin plug, you will need a jumper with a 20 pin and 16 pin connector. Connect the SmartKey Starter module to the 20 pin jumper and the SKSPCM module to the 16 pin jumper

Step 5 — NOTE WHEN REMOVING BYPASS



⚠ If both modules have 20 pin plugs, it is important that the T-harness plugs are connected to their correct module

- One of the 20 pin connectors on the T-harness will have either a green sticker or another marking. **This connector must be connected to the module labeled 'SKSPCM'**
- If the SKSPCM module has a 16 pin plug, it will only connect to the 16 pin T-harness plug

Step 6 — Re-connect chassis battery disconnect cable



★ Reconnect battery disconnect cable from to post from step 2

⚠ Ensure that cable locks into place on post. You should feel the tab lock into place. Once connected, you should not be able to remove cable from post without pressing red tab downward

