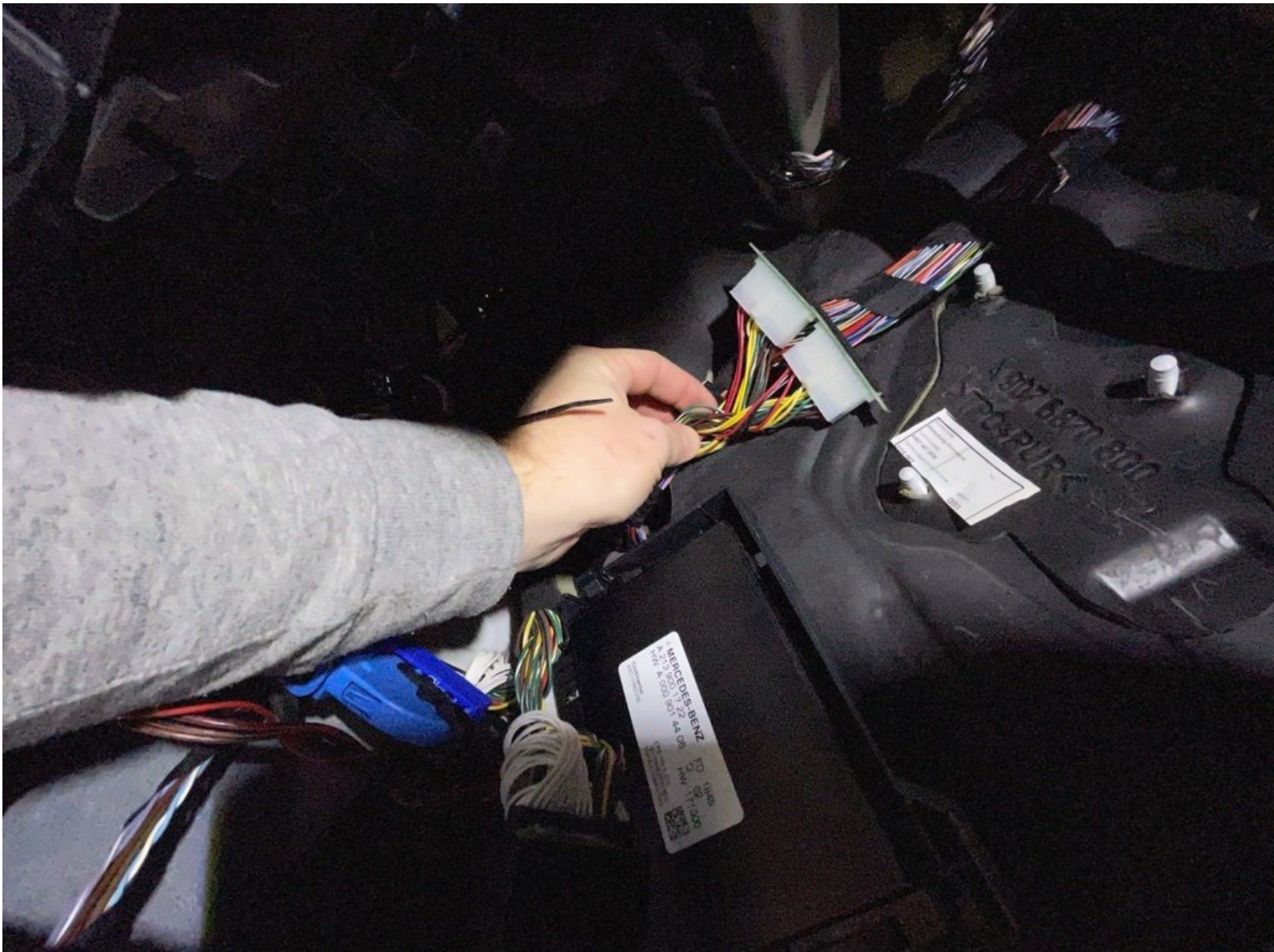# How to Bypass SKSNG907 / SKSNG907RV SmartKey Starter® Using Jumpers

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.

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

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.

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Step 1 — Locate SmartKey Starter modules in driver side under dash area

(i) The SKSNG907 or SKSNG907RV is connected using T-harnessing in the driver side under dash area

(i) 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 2 — 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

(i) 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

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Step 3 — 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

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