

How to Bypass / Remove SKSNG907 / SKSNG907RV SmartKey Starter®

How to remove and bypass the SKSNG907 or SKSNG907 SmartKey Starter® remote start for Mercedes Sprinter

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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.

*The SmartKey Starter® is **100% plug & play** and bypassing it is a simple procedure. This guide demonstrates how to easily bypass the system.*

The system is connected by a T-harness to both the EIS and PCM modules- both in the driver side under-dash. The system can be bypassed by simply disconnecting the SmartKey Starter® T-harness and plugging the chassis harness back into the EIS and PCM.

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. Instructions for using the jumpers can be found here: [How to Bypass SKSNG907 / SKSNG907RV SmartKey Starter® Using Jumpers](#)

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 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 — Pull back weather seal



- Pull back weather seal from driver door jam

Step 2 — Remove intermediate panel



- Using a pry tool, remove panel between A pillar and kick panel.

Step 3 — Remove 2 x T20 screws from sill plate



- Remove the 2 x T20 screws from the sill cover
- Remove sill cover and carefully set aside

Step 4 — Remove 1 x T20 from hood release area



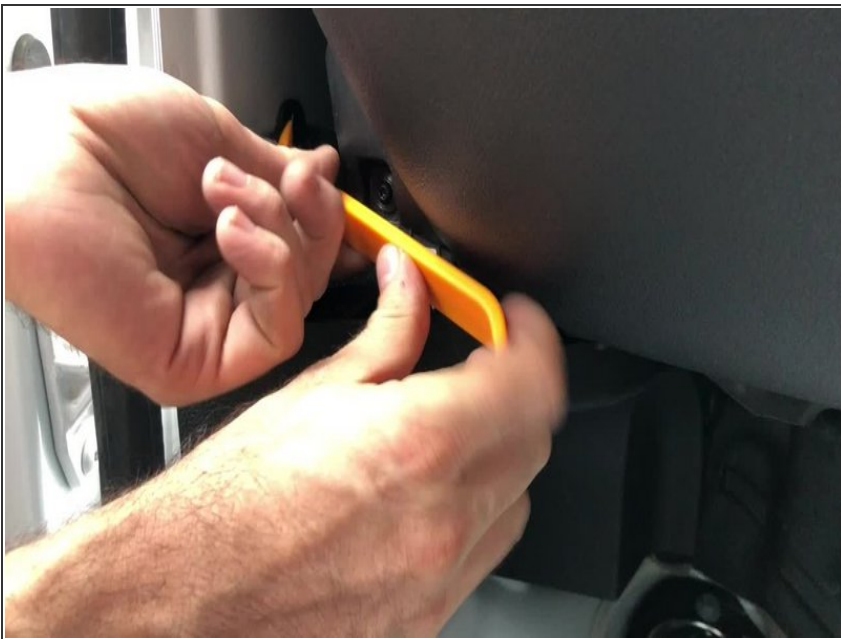
- Remove 1 x T20 from below hood release

Step 5 — Remove 1 x T20 from lower kick panel



- Remove 1 x T20 from lower kick panel

Step 6 — Remove plastic push fastener next to knee bolster



- Remove plastic push fastener next to knee bolster

Step 7 — Remove 2nd plastic push pin from kick panel



- Remove plastic push pin from kick panel (behind hood release)

Step 8 — Remove 3rd plastic push fastener from kick panel



- Remove 3rd plastic push fastener from kick panel

Step 9 — Remove kick panel



- Remove kick panel.
- Route hood release through kick panel opening

 **Be careful of OBD harness**

Step 10 — Disconnect OBDII harness



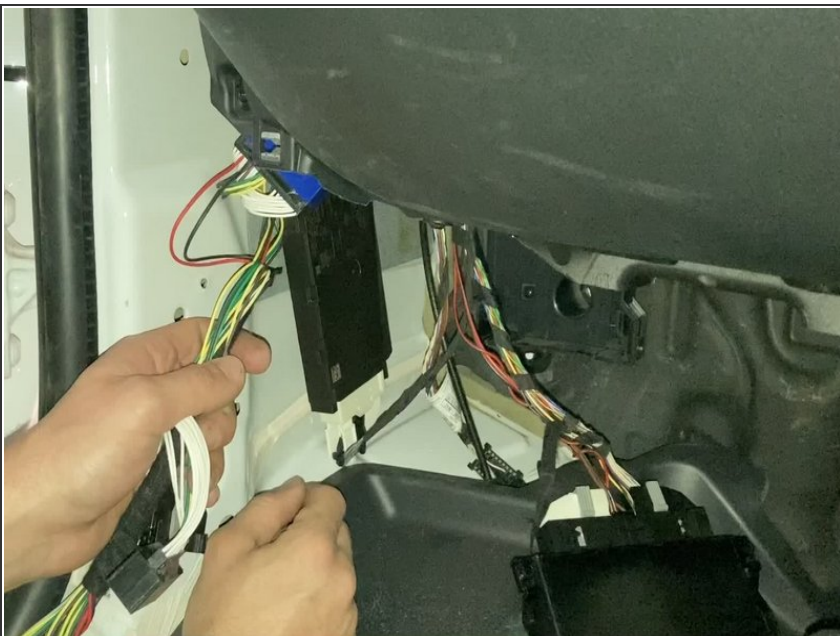
- Disconnect OBD harness
- Carefully route hood release through opening and set trim piece panel aside

Step 11 — Locate PCM module and bypass T-harness



- Locate PCM module behind pedals
- Un-plug the black plug from T-harness that is plugged into PCM module
- Un-plug black OEM plug that is connected to T-harness
- Plug black OEM plug back into the PCM module

Step 12 — Locate PCM module and bypass T-harness



- Locate EIS module at base of A pillar
- Un-plug the blue plug from T-harness that is plugged into EIS module
- Un-plug blue OEM plug that is connected to T-harness
- Plug blue OEM plug back into the EIS module
- **The SmartKey Starter® is now bypassed**
- [To re-install the SmartKey Starter® click here for installation instructions](#)