

The Best Made Better

Next Generation Smartkey Starter (SKSNG)[®] for Mercedes

Owners Manual for SKSNG204D3, SKSNG204D4, SKSNG166D3, SKSNG166D4 SKSNG221D3, SKSNG197D3

Introduction:

Thank you for purchasing a Smartkey Starter[®] system for your vehicle. In order to enjoy the benefits of this system we recommend that you review the following manual. If you have any additional questions, please contact the original place of purchase.

Option Programming

Remote starter option programming is performed in the vehicle using the steering wheel controls. To perform option programming, first the vehicle must be in ACC (first position) and all the doors must be closed. The instrument cluster must be in the 'AUDIO' or 'RADIO' menu. The options menu will appear where the radio information typically appears. To access the menu, the 'MUTE' button on the steering wheel must be pressed for about 2 seconds until "REMOTE START: ON/OFF" appears on the cluster. This is the first option setting. "REMOTE START: ON" means the remote start is enabled. "REMOTE START: OFF" means that the remote start is disabled (valet mode). The remote start should be turned on before the vehicle is serviced. Once in the menu, press and release the 'MUTE' button to cycle through each option. The setting will save automatically after the menu times out. To scroll to the next menu option, press and release the 'VOL -' button on the steering wheel. To scroll up through the options, press and release the 'VOL + button'

Option Settings Procedure

1. Get in driver seat and close all doors
2. Put vehicle in ACC
 - For Keyless Go vehicles (push button start), press push button once without foot on the brake
 - For non-Keyless Go vehicles (key start), insert key and turn to the first position
3. Using the arrows on the steering wheel, turn the instrument cluster to the 'AUDIO' or 'RADIO' setting
4. Press and hold the 'MUTE' button on the steering wheel for approximately 2 seconds until the "REMOTE START: ON/OFF" appears in the instrument cluster. This is the first menu option.
5. Use the 'VOL -' button on the steering wheel to scroll through the available option settings and use 'VOL +' to scroll back up through the option settings
6. When the desired option setting to change appears in the cluster, press and release the 'MUTE' button cycle through the available settings. When the desired setting is reached, either press and release the 'VOL -/+ ' to move to a different option setting or wait for the menu to time out. The options will save automatically when the menu times out.

THERE IS A DEMO VIDEO OF THE MENU AND ALL AVAILABLE FEATURES HERE:

<https://youtu.be/zMvR-gKYGSw>

Operation:

Your Smartkey Starter system can be operated in a number of ways. This includes using the factory remote control key fob, an optional 1-way or 2-way long range remote control, or a remote smart phone controller application. For instructions on how to use the long range remote or smart phone controllers, refer to the operation manuals included with those systems.

To start the vehicle using the factory key fob (Does not apply to Sprinter models. Sprinter can only use an external remote), press the panic button once for ½ second and release. The vehicle parking lights will flash once to confirm and then the engine will start within 5 seconds. Once the engine has started the parking lights will flash once every 5 seconds. The starter system will continue to run the engine for 15 minutes. After 15 minutes the vehicle will shut down. The vehicle can be remote started up to 5 times between normal key or push button start operation.

To shut down the vehicle engine, press the panic button again.

To perform driver takeover, insert the key into the ignition and turn to the 'RUN' position. The parking lights will flash three times to indicate that the Smartkey Starter has shut down but the engine will remain running. For vehicles equipped with KeylessGo (push-to-start) function, press the 'START' button once. The parking lights will flash three times to indicate that the Smartkey Starter® has shut down but the engine will remain running.

The vehicle security system remains intact while the engine is remote started. The KeylessGo and key fob locking and unlocking will still function and the gear shift will remain locked until either a valid key is inserted into the ignition or the 'START' button is pressed while a valid key is present in the vehicle. If the footbrake is depressed or the hood is opened while remote started, the engine will immediately shut down.

Troubleshooting:

When the remote start function terminates, the parking lights will flash a specific number of times to indicate the reason for shutdown:

- 3 flashes: Normal Shutdown
- 4 flashes: Valet mode is on (REMOTE START: OFF) Follow options settings on pg. 1 to turn on
- 5 flashes: Exceeded maximum number of remote starts - start vehicle with key or button for 1 min.
- 6 flashes: Foot brake was depressed
- 7 flashes: Hood opened
- 8 flashes: Engine RPM too high
- 9 flashes: Engine failed to start **or** button for KeylessGo not inserted into ignition opening (for KeylessGo equipped vehicles only)
- 10 flashes: Communication Error

If you encounter any problems, the vehicle and remote starter system can always be reset using the following procedure:

1. Sit in driver seat and close all doors
2. Insert key in ignition if vehicle has Keyless Go (push to start), the button can be pulled out and key inserted
3. On steering wheel, press and briefly hold the 'MUTE' and 'OK' buttons. The parking lights should flash
4. Start vehicle (if vehicle has Keyless Go, first remove key and insert button then start vehicle with button)
5. Let engine run for at least 30 seconds
6. Shut off vehicle
7. Test remote start

If your vehicle is equipped with KeylessGo, upon a KeylessGo vehicle start the key needs to stay present within the vehicle interior for at least one minute following startup while the Smartkey Starter® completes the syncing process. If at any time during the first minute following startup the key is removed from the vehicle, it may shut down.

Four Year Limited Warranty

Midcity Engineering, LLC. warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of (4) four years from date of purchase. When the original purchaser returns the product to the retail store with an accompanying bill of sale where it was purchased within the warranty period, after evaluation, Midcity Engineering, LLC. will, at its option, repair or replace the product.

Midcity Engineering, LLC. is not responsible or liable for any damages whatsoever, including but not limited to any consequential damages, incidental damages, damages for loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like that may or may not have resulted from the installation or operation of the Smartkey Starter®. Notwithstanding the above, manufacturer does offer a limited warranty to replace or repair the control module as described above.

The product warranty is automatically void if the date code and/or serial number is defaced, missing, or altered or product is tampered with. This warranty will not be valid unless you have an accompanying bill of sale.