The Best Made Better

Smartkey Starter® for Mercedes

Operating Instructions

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 key must be inserted into the ignition but not turned. This will unlock programming. Next the steering wheel hangup button is held pressed while watching the vehicle parking lights flash in an increasing pattern (1 flash, then pause, then 2 flashes, then pause, then 3 flashes… all the way to 6 flashes). When the number of flashes corresponding to the desired option is reached, the hangup button is released and then one of the follow buttons is pressed (vol+, vol-, send), each corresponding to a feature found in the table below. After 30 seconds of inactivity the starter will automatically exit programming mode.

Option Settings Procedure

1. remove push to start button (if installed)
2. insert key into ignition (do not turn)
3. hold steering wheel end button until parking lights blink number of times of desired feature.
4. press (VOL-), (VOL+), or (SEND) to select option 1,2, or 3
5. wait 30 seconds to exit programming

Option Settings Table

#	Feature	Option 1 (vol-)	Option 2 (vol+)	Option 3 (send)	Factory Setting
1	VALET MODE	OFF	ON	N/A	OFF
2	RUNTIME	15 MIN	25 MIN	45 MIN	15 MIN
3	PARKING LIGHTS	BLINK OFF	BLINK ON	N/A	BLINK ON
4	HEATED SEATS	ON < 32F	ON < 41F	ON < 50F	ON < 41F
5	NUMBER OF STARTS	3	5	7	5
6	INITIALIZE	N/A	INIT/RESET	N/A	N/A

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
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. Turn off ignition
2. Close doors and lock with the factory key fob
3. Wait 5 minutes
4. Unlock doors with factory key fob
5. Insert key into ignition and start vehicle or start with push button
6. Wait 1 minute
7. Turn off ignition

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®. Not withstanding 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.