



# MY KEY PREMIUM

## USER MANUAL

[mykeypremium.com](http://mykeypremium.com)



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[support@mykeypremium.com](mailto:support@mykeypremium.com)

# PRECAUTIONS BEFORE USE

## **Make sure that you have read and understood the manual before use.**

- This manual cannot be used as a substitute for the warranty. Be sure to install it in the location of purchase and get warranty from the same location.
- This product is an assisting tool for the vehicle with convenient functionalities. All responsibility for theft and damage is borne by the vehicle owner, and the company will not take any civil or criminal responsibility for this.
- This product can only be installed on smart key application vehicles, not on vehicles with other key types.
- When starting remotely, make sure the transmission is in "P" and do not perform a remote start from inside the vehicle.
- This product does not have a built-in and the owner should not leave the key in the vehicle. The responsibility lies solely with the owner of the vehicle.
- After sales services is not free of charge in case of external shock, disassembling, repair by others other than our company, natural disasters, etc.
- For any malfunction that occurs during a normal use of the product, you are entitled to a free after sales service for 2 years. (Personal installation other than the designated installation points not included.)
- This product can be used as is, even if the main part is not working properly. If there is a problem with the original function when the vehicle is delivered, the vehicle must be serviced.
- In case of malfunction or failure when using this product, you can get after sales service at the installation location, where it was first installed.
- Depending on the vehicle type, there may be differences in the function of some vehicles. However, the original function of the vehicle will remain unchanged.

# MYKEY PREMIUM CONTENTS

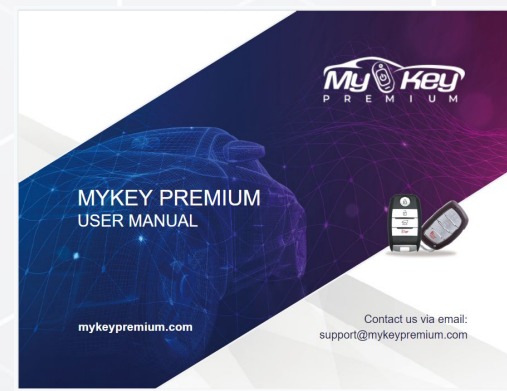
1. Module



2. Harness



3. User manual




# BEFORE YOU START

## CAUTION BEFORE USE

- Please read this manual before using any of the memory functions.
- **MYKEY Premium ONLY works with SmartKey / Button Start & Automatic transmission vehicles.**
- The product is an auxiliary module for the convenience of users. The manufacturer shall not be responsible for the safety of, damage to or theft of or from the vehicle.
- The product is also designed for use with automatic transmissions, and installation on this type of vehicle is highly recommended. Using MYKEY Premium with a manual transmission vehicle requires more caution. Do not try “remote engine start” unless the neutral gear is engaged, otherwise it may cause an unexpected accident. The manufacturer shall not be responsible for any accident caused by “remote engine start” while any gear other than neutral is engaged.
- For automatic transmissions, only try “remote engine start” while gear position is on “P”. Do not try “remote engine start” when the driver is inside of vehicle.
- Do not put or leave the Smartkey inside the vehicle as it may cause the doors to suddenly lock or facilitate theft of or from the vehicle.
- The product doesn't affect the vehicle's original functions. Contact your service center first if you encounter any vehicle problem or breakdown.
- Some function of product may not work if the vehicle's battery is disconnected and then reconnected during repairs, the battery changed, if Keyfob/Smartkey replacement is required or it has recently been registered. If any of these happen, please check with your MYKEY support.



## GENERAL NOTICE: THINGS YOU NEED TO KNOW BEFORE USING MYKEY PREMIUM



- Do not try remote engine starting while inside the vehicle, as it may cause a system malfunction.
- Please double click the lock button on Keyfob/Smartkey for remote engine start. Use the correct double click timing interval (1 second in between).
- It may be different for “  'click for remote engine start or using the auto unlock / lock function.
- You must press brake while using the auto door unlock / lock function; otherwise it may cause sudden remote engine starting.
- Do not input PIN code while the vehicle's door is closed, as the door could be locked by vehicle's original security system when the trigger button is pressed.
- Please replace the Keyfob/Smartkey's battery when the voltage is low, otherwise it may cause a malfunction.

# BUTTON FUNCTIONS OF THE ORIGINAL SMARTKEY





## Description of Smartkey/Key-Fob Buttons



1. Door Lock – Armed Mode
2. Door Lock – Remote Start (double click) & Disarmed Mode
3. Door Unlock – Disarmed Mode
4. Trunk – Trunk Open
5. Panic - Siren

- The “” button is used to operate the functions of MYKEY products such as remote engine starting. The driver can use the Smartkey as usual including the “” button.
- There is no need to put & hide the vehicle’s original Smartkey when using MYKEY, the driver just uses both of the Keyfob/Smartkey’s provided when vehicle was purchased.
- Some functions of MYKEY may not operate properly if a new driver is registered, or if the Smartkey is lost. Please reset the MYKEY module in case of a malfunction.

# FUNCTION OPERATION TABLE

BUTTON	FUNCTION	VEHICLE STATUS	CONDITION	NUMBER OF BUTTONS	MOVEMENT
 <b>LOCK BUTTON</b>	<b>Remote start</b>	Locked state (Alert)	Remote controller outside	2 times (1 second interval)	Blinking 4 times, horn 2 times, horn 2 times after start-up
	<b>Remote start off</b>	Remote start state (Alert)	Remote controller outside	2 times (1 second interval)	When the start-up off, blink 2 times and horn 1 time.
	<b>Auto lock settings</b>	Door lock	Remote controller inside/step on brake and hold	2 times (1 second interval)	Blink 2 times, then honk 2 times
	<b>Auto unlock settings off</b>	Door lock	Remote controller inside/step on brake and hold	2 times (1 second interval)	Blink 2 times, then honk 1 time
 <b>DOOR CATCH BUTTON</b>	<b>Post heating function</b>	Door lock	Start status	1 time after "beep" sound	None
	<b>Start-up standby function</b>	Door lock	Start status	2 times after "beep" sound	Blink 2 times and honk 1 time
	<b>Emergency door unlock</b>	Locked state (Alert)	No remote controller	Press door catch button for a long time	Blink 3 times and honk 2 time, Blink 1 time and horn 1 time when entering password
	<b>Emergency door unlock Enter passwords</b>	Door open (Start button ACC)	Remote controller in car	Press door catch button for a long time	Blink 3 times and honk 2 time, Blink 1 time and horn 1 time when entering password
<b>OPEN/CLOSE BUTTON</b>	<b>Silence Mode</b>	Door open (open/close state)	Remote controller outside	Unlock button → Lock button 2 times	Silence Setting – blank 2 times, Cancel Silence Setting - blank 2 times and horn 1 time
	<b>Sunroof control</b>	Door lock	Remote controller outside	Lock button Unlock button → Lock button 2 times	Sunroof closed Sunroof (tilt) opened

## REMOTE ENGINE START BY DOUBLE CLICKING!

- ▶ To start the engine remotely, press the “  ” button twice at a one second interval (operational on gear position “P” only ).
- ▶ The engine will start after the hazard lights flash four times and the horn will sound twice.
- ▶ After remote start the engine, the vehicle will run for 15 minutes. It will be automatically shut-off after this time if there is no driver in the vehicle.
- ▶ When driver gets into the vehicle, press brake to continue the engine running.
- ▶ (Unlock the door by approaching the vehicle or by pressing the “  ” button on the Smartkey)
- ▶ If any gear is engaged without the driver having the Smartkey, the engine will be shut off.
- ▶ If the remote engine start fails on the first attempt, **MYKEY** will try three more times to remotely start the engine.
- ▶ Remote engine starting may require more than one attempt depending on the vehicle model and condition and whether it has a diesel or LPG engine.

*\* Notice: Please do not try remote engine starting from inside the vehicle. It may cause a serious accident.*




## AUTOMATIC DOOR LOCK & UNLOCK


Automatic door unlocking by Smartkey approaching the vehicle.

- The doors will automatically be unlocked when the driver approaches the vehicle while in possession of Smartkey (applicable to vehicles with “driver indicator – welcome function” only).

## HOW TO SET AUTO DOOR FUNCTION AND SETTING OFF THE FUNCTION

- Get inside the vehicle and press the brake pedal and lock the doors.
- While pressing the brake pedal, press the “  “ button on the Keyfob/Smartkey twice with a one second interval. The auto door unlock function is set.
- To turn off the auto door unlock function, repeat the SET sequence.
- 1 beep (OFF) or 2 beeps (ON).

## AUTOMATIC DOOR LOCKING AFTER THE DOORS ARE CLOSED

- To activate function: get into to the vehicle - press brake paddle and hold it - lock the doors - press “  “ button twice on Keyfob/Smartkey with 1 second interval.
- To deactivate function: do the same procedure.
- When the driver is out of vehicle and walks away with Smartkey, the doors will be locked automatically.
- The auto door unlock function is not operational for 20 seconds immediately after auto door lock. The driver should move away from vehicle to reset it for the next auto unlock.

**NOTICE:** If you set auto door unlock function without depressing the brake pedal, the engine may be remotely started.

**NOTICE :** When turning off the auto door unlock function, automatic door lock function will also be deactivated; press the trigger button on the door-catch to lock the door.

**NOTICE :** If the Keyfob/Smartkey is inside the vehicle for long time, it is possible for the door to be locked after the engine is shut off. If this happens, there is no need to panic. You can unlock the door by inputting the PIN code through trigger button on the door-catch.

\* When the Keyfob/Smartkey's battery is getting low on charge, the auto door unlock function may malfunction. In which case, please replace the battery

# PIN CODE INPUT DOOR UNLOCK

## How to unlock the door without possessing smartkey

- This function enables driver to unlock doors without the Smartkey by inputting the PIN code using the door trigger button.

Use the following function if you have forgotten to bring your Smartkey, or when the Keyfob/Smartkey locked inside the vehicle:

- Press the trigger button on the door catch for over five seconds.
- The hazard lights will flash three times blinking and the horn will sound twice. You can then input the PIN code.
  1. Input the 1st number by pressing trigger button, the hazard lights will flash once and the horn will sound once.
  2. Input the 2nd number by pressing trigger button, the hazard lights will flash once and the horn will sound once.
  3. Input the 3rd number by pressing trigger button, the hazard lights will flash once and the horn will sound once.
  4. Input the 4th number by pressing trigger button, the hazard lights will flash once and the horn will sound once.

**Notice:** If the PIN code is invalid, the doors will not be unlocked. Try again from the beginning.

**Notice:** The default of PIN code is 1111. Please do not forget to set up your PIN code after installation of MYKEY. The manufacturer of MYKEY shall not be responsible for any loss, damage or theft of or from the vehicle if you fail to change the PIN code to the code of your choice other than the default code.

# PIN CODE INPUT DOOR UNLOCK (setting PIN code number)

## How to unlock the door without possessing smartkey

**The vehicle door must be open and the start button must be in the “ACC” position when setting the PIN code**

- The driver can input a PIN code of up to 4 digits from 1 to 9 by pressing trigger button on the door catch.
- Open the door and put the Keyfob/Smartkey inside the vehicle.
- Enter the four digit code by pressing trigger button for each number. For example, if want to put in 9, press trigger button 9 times.
- Press trigger button for more than five seconds while door is open. The hazard lights will flash three times and the horn will sound twice. After this, immediately input the PIN code numbers.
  1. Input the 1st PIN code the hazard lights will flash once and the horn will sound once.
  2. Input the 2nd PIN code number, the hazard lights will flash once and the horn will sound once
  3. Input the 3rd PIN code number, the hazard lights will flash once and the horn will sound once
  4. Input the 4th PIN code number, the hazard lights will flash once and the horn will sound once

**Check that your PIN code has been entered correctly by locking and unlocking the doors. If you have entered your PIN code incorrectly, please try again from beginning.**

\*\*\* Never input your PIN code while door is closed, as it may be locked during process by vehicle's original security system.



## TURBO TIMER FOR TURBO DIESEL / TURBO CHARGED ENGINE

- This function is useful for protecting turbo charged engines after driving.
- The driver exits from the vehicle taking the Smartkey and closes the door.
- Then there will be “beep” sound as vehicle notices that there is no Keyfob/Smartkey inside the vehicle.
- Press trigger button on the door catch once after the “beep” then turbo timer mode is activating for 90 seconds. The hazard lights will flash every five seconds.
- While the engine idling, the driver can open the door by press trigger button or by using the Smartkey.
- If driver depresses the brake pedal while in possession of the Smartkey, the engine will keep running (normal driving mode).
- If any gear is engaged without possessing the Smartkey, the engine will be shut off.

**Notice:** Check to see that the door is locked and hazard lights flash when activating the **Turbo timer**.

## FUNCTION TO ENABLE THE DOORS TO BE LOCKED WHILE THE ENGINE IS RUNNING

- This function is convenient for when the driver needs to do something small but does not want to shut off the engine, and for running the A/C or keeping the heater on. The driver exits from the vehicle taking the Smartkey and closes the door.
- When the driver exits the vehicle with the Smartkey while the engine is running, a “beep” will sound to show that the vehicle recognizes the Smartkey is out of vehicle. Press trigger button on the door catch once after the “beep” then turbo timer mode is activating for 90 seconds. The hazard lights will flash every five seconds.
  - Press the trigger button twice within 2 seconds after the “beep” to lock the doors. The hazard lights will flash twice and the horn will sound once. Smart Stopping lasts for up to 15 minutes.
  - While Smart Stopping, the driver can unlock the door using the Smartkey or by pressing the trigger button as usual.
  - When driver returns to the vehicle, the brake pedal should be depressed to keep the engine running (normal driving mode).
  - The engine will be turned off if the driver is inside the vehicle, but does not have the Smartkey. The engine will also be turned off when driver engages any gear but does not have the Smartkey.

**This function cannot be used with the Turbo Timer. Please differentiate between the Turbo Timer and Smart Stopping functions.**

**NOTICE:** On activating the Smart Stopping function, you should ensure that the horn sounded once, the door is locked and the hazard lights flashed.




# FUNCTIONS – LOW BATTERY VOLTAGE DETECTION & AUTO START FOR RECHARGING

Function enables the vehicle's battery to be recharged when the system detects low battery voltage

- This function enables the vehicle's battery to be recharged when the system detects the voltage is below the default value. When the MYKEY module detects low battery voltage, it automatically starts the engine to recharge the battery.
- It is useful if various devices are installed in the vehicle such as parking mode observation of an in-car DVR (car dash cam)

## How to set low voltage auto recharging function

**Default: No function. The user should activate the function as below:**




- Press the “” button on the Smartkey twice with brake pedal depressed and all doors closed.

(Continuous Set is for changing voltage set)

1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	Set-Off
1 Beep	2 Beeps	3 Beeps	4 Beeps	5 Beeps	6 Beeps	Beep for 1 second
11.6V	11.8V	12.0V	12.1V	12.2V	12.3V	Set-Off

- If the battery is recharged by auto start, the MYKEY module records its count by beep sounds when driver opens the door.  
(i.e.: If auto started once, there will be one beep, three beeps for three times auto started was activated)
- MYKEY module will try to Auto Start the battery recharging up to 3 times. When the driver opens the door, it will be reset to the default setting.

## FUNCTIONS – HORN MUTE MODE

- ▶ This function enables the user to silence the horn.
- ▶ While the vehicle door is open and from outside the vehicle, press the “  “ once, one second later press “  “ and after a further second press “  “.
- ▶ When horn mute mode is set, the hazard lights flash twice and the horn sounds once.