



STRATTEC Security Corporation

FCC ID OHT01060512
IC 5461A-01060512

User Manual Information and Product Description

of the

Flap Key – Family BOSCH

with Chevy, GMC and GM Logo



General Description of the RF transmitter:

The RF remote control system consists of a RF transmitter.
The Operation Frequency for the RKE function is 315 MHz and will be used as a portable device.

The RF transmitter is mechanically integrated into the Key Fob Housing.
This transmitter is used to transmit information for locking or unlocking the vehicle by a unidirectional RF transmission line for normal remote operation by pressing a button.

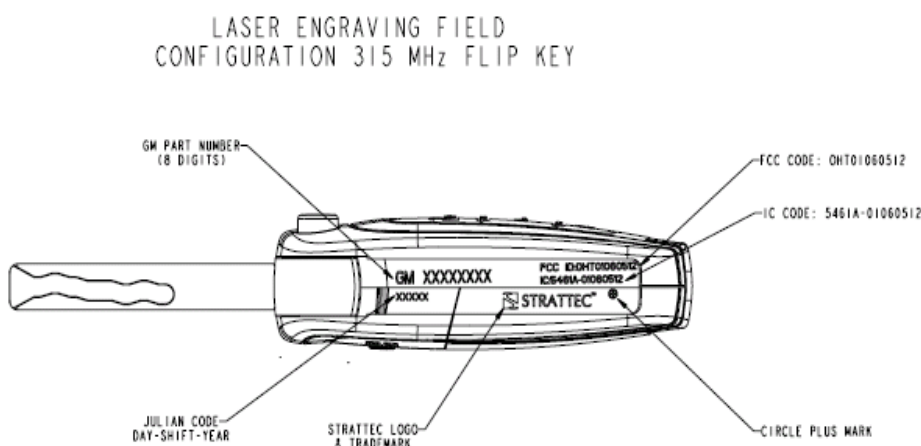
Intended environment conditions: - 10 degree Celsius to + 55 degree Celsius

In general the following functions are provided:

- Lock the car
- Unlock the car
- Unlock the trunk of the car
- Panic Alarm
- Remote Start

Label Information:

Model Name: Flap Key Family Bosch



Variants:

Flap Key Family BOSCH 314.80 MHz (3-5 Buttons):

13504200	5912543	4 Button	Chevy
13500222	5911515	4 Button	Chevy
13504199	5912545	5 Button	Chevy
13500221	5911516	5 Button	Chevy
20873621	5913598	3 Button	Chevy
20835406	5913281	3 Button	Chevy
20873620	5913597	4 Button + RS	Chevy
20835404	5913279	4 Button + RS	Chevy
13504258	5912547	4 Button	GMC
13501513	5910212	4 Button	GMC
13504259	5912548	5 Button	GMC
13501514	5910213	5 Button	GMC
20873623	5913596	3 Button	GMC
20835402	5913286	3 Button	GMC
20873622	5913595	4 Button	GMC
20835400	5913283	4 Button	GMC
N/A	5913396	4 Button	GM
N/A	5913397	5 Button	GM

Remote Keyless Entry:

The hand-held radio Transmitter allows to lock/ unlock the car doors, remotely start the car, open the trunk and activate the panic alarm within a range of around 100m of the vehicle.

- 1.) To unlock doors



Press and release the UNLOCK Button on the RF Transmitter once to unlock.

2.) To lock doors



Press and release the LOCK Button on teh RF Transmitter once to lock.

3.) Trunk



Press and release the TRUNK Button on the RF Transmitter once to open the Trunk.

4.) Panic Alarm



Press and release the PANIC Button on the RF Transmitter once to turn the Panic Alarm ON and OFF.

5.) Remote Start



This button allows the user to remotely start the engine of the vehicle.

Notes: If any of the buttons are pressed and not released within 60 second duration the RF transmitter will stop transmitting and shut down to prevent the battery drainage.

Power Supply:

The RF transmitter is battery powered with 1 Lithium battery CR 2032, supplying +3V power, which is installed into the PCB battery holder facing + side down.

The display in the instrument cluster of the vehicle will inform the user when the battery of the RF transmitter is getting low (weak). The battery indicator light in the instrument cluster flashes when the battery voltage level is decreasing to a lower than 2.3 V, the battery should be replaced.

The minimum operating voltage is approximately 2.1 V. If the voltage drops below 2.1 V the RF transmitter will not operate and battery needs to be replaced.

Battery:**Replacing the battery:**

Open the battery cover having transmitter buttons facing down.



Remove the old battery carefully from the battery compartment.



Replace the new battery +-side facing up. Avoid touching the new batteries with fingers, skin oils may cause battery deterioration. Do not touch the PCB or the battery clip.



WARNING:

This device complies with the Part 15 of the FCC Rules and with the RDSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- (1) this device may cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.



WARNING for End User:

Changes or modifications made to this equipment not expressly approved by STRATTEC Security Corporation may void the FCC authorization to operate the equipment.

This hand-held radio transmitter is primarily used for vehicle remote locking/ unlocking (Key less entry) applications. It must be kept away from the reach of children. In the event of RF Failure the key blade can be used to open the vehicle door or trunk.

⚠ WARNING!

Improper use of vehicle keys can result in serious personal injury.

Always take the key with you when you leave the vehicle. The engine can be started and vehicle systems such as the power windows can be operated leading to serious personal injury.

Never leave children, disabled persons or anyone who cannot help themselves in the vehicle. The doors can be locked using the remote control key. This could result in people being trapped in the vehicle in an emergency. For example, depending on the time of year, people trapped in the vehicle can be exposed to very high or low temperatures.

Never remove the key from steering lock while the vehicle is moving or while it is rolling to a stop. The steering wheel column will lock up and you will not be able to steer or control the vehicle.

NOTE!

The keys with the remote control contain electronic components. Protect these keys from moisture and rough handling.

Never leave any vehicle keys inside the vehicle. Entry by unauthorized persons could harm the vehicle or your vehicle could be stolen. Always take the keys with you whenever you leave your vehicle.

Unsuitable batteries can damage the remote control key. Replace used batteries with new ones of the same voltage and size.