e-*ASK*

electronic **A**ccess **S**ecurity **K**eyless-entry

e-*FOB* RF Keyless-entry
Full Function Consumer Manual
FCC ID: TV2EFOB1

(UM19 ~ 22793-01)

Table of Contents

Introduction

This manual provides the necessary information for the proper use of Tri*Mark*'s **e-*FOB*** transmitter/receiver system. Basic functions of the system include:

- Locking and unlocking entry and compartment doors
- Light activation
- Panic mode (standard configuration only)
- Auxiliary function support
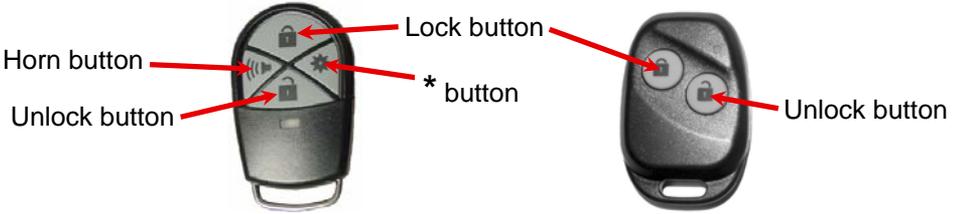
The **e-*FOB*** system includes:

- **Tri*Mark* F**ull-**F**unction RF Receiver
- 2 *eFOB* key fob transmitters
- Smart LED
- Push button switch

The **Tri*Mark* F**ull-**F**unction receiver and *eFOB* transmitters are shipped programmed.

e-*FOB* Operation and Features—Standard Mode

Horn button

Lock button

Unlock button

* button

Unlock button

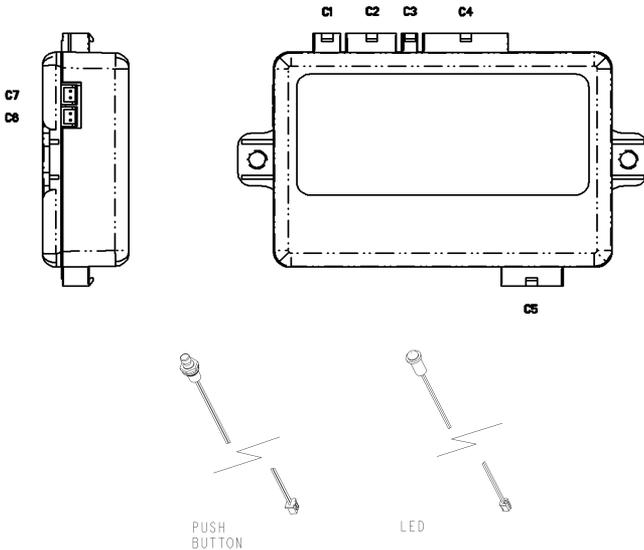| Button	Function
Lock	Locks all entry doors and arms security system.
Unlock	Unlocks doors and disarms security system. Also activates the porch light.
Horn button	Activates panic mode when pressed and held for 2 seconds.
* button	***** button function is OEM/dealer defined. Possible assignment include: interior/exterior lighting, awning extension/retraction, gas cap, hood, etc.

e-*FOB* Operation and Features—Cargo Mode

Entry Lock

Cargo Unlock

Cargo Lock

Entry Unlock

Button	Function
Entry Lock	Locks all entry doors and arms security system.
Entry Unlock	Unlocks entry doors and disarms security system. Also activates the porch light.
Cargo Lock	Locks cargo compartments and arms security system.
Cargo Unlock	Unlocks compartment doors and disarms security system.

Notes:
- While the engine is running only the Unlock (Entry Unlock) function of the **e-*FOB*** remains activated — other functions are deactivated.

Teaching Additional FOB Transmitters

1. Plug the LED into C6 and the push button into C7 on the receiver. Your OEM may have already installed these in your vehicle.
2. Turn ignition off and disarm alarm.
3. Press and release the programming button 3 times. The LED will turn on red after 3 seconds.
4. Press and release the Lock button of each new FOB transmitter once. The LED will flash off and the horn will sound once. Up to 60 transmitters may be programmed at one time.
5. Repeat step 4 until all fobs are programmed.

Notes:
- If you place the system in learn mode and teach nothing, the system will exit in 10 seconds.
- When new transmitters are taught, all old transmitters are erased.
- The memory for codes will not be erased if power is removed.
- As soon as the LED turns off, the system is fully functional.

Training Wireless Switches

Up to 20 wireless switches can be trained to the RF controller. A wireless switch can provide door ajar information, input from a shock sensor, a motion sensor, a glass break sensor, etc.

1. Plug the LED into C6 and the programming button into C7 on the receiver. Your OEM may have already installed these in your vehicle

2. Turn ignition off and disarm alarm.

3. Press and release the programming button 5 times. The LED will turn on green after 2 seconds.

4. Press the programming button X number of times to store the wireless sensor in X position (1-25). The LED will briefly flash red.

5. Remove the magnet from the wireless sensor to activate the output. The horn will honk and the siren will sound.

6. 6. Repeat steps 4 and 5 to train additional wireless sensors. If two sensors are trained to the same position, only the second sensor will be active.

Notes:

- As soon as the LED turns off, the system is fully functional.

- The system exits learn mode after 10 seconds of inactivity.

- To erase all wireless sensors, turn ignition on and press the programming button 10 times. The horn and siren will sound once to indicate that all sensors have been erased.

- The memory for codes will not be erased if power is removed.

Additional System Features

Light Activation

When the alarm is armed, the parking lights and headlights flash. With an unlock instruction from the key fob, the dome light stays illuminated for 30 seconds and the parking and headlights flash.

2nd Unlock Output
Press and release the Unlock button twice to unlock the bay doors. (Standard Mode Only)

3rd Unlock Output
The 3rd Unlock output is actuated with the unlock command and with the secure operation (5 / 6) or (3). (Standard Mode only)

Auxiliary Output

This is OEM/dealer defined feature activated by the *button. Possible assignments include: interior/exterior lighting, awning control, gas cap, etc. Ask your dealer for functionality. (Standard Mode only)

2nd Auxiliary Output
The 2nd auxiliary output is actuated by holding down the Unlock (Entry Unlock) button for two seconds. Ask your dealer for functionality.

Panic Mode
Available in standard mode. Pressing and holding the Horn button (center left) for 2 seconds activates panic mode. During panic mode, horn/siren is continuously activated and headlights and parking lights flash for 30 seconds. Pressing the Unlock button deactivates panic mode. (Standard Mode Only)

Lock/Unlock Confirmation
The horn/siren chirps once when the alarm is armed. If the alarm has been set off since the last unlock command, the horn/siren chirps 4 times to indicate the alarm activity when the system is disarmed. The headlights and parking lights flash once on lock and unlock.

Lock/Unlock Confirmation Control
The siren and horn confirmation is controlled by pressing lock, unlock and auxiliary (*) buttons at the same time. A single chirp is heard when confirmation is muted. A double chirp occurs when turned on. (Cargo mode: Press Entry Lock, Entry Unlock and Cargo Unlock.)

Emergency Override

To disarm the alarm in case of FOB transmitter loss or malfunction:
1. Turn ignition on.
2. Press and hold the push button for 3-seconds. LED turns off.
3. Turn ignition off.

Starter Kill Feature

The starter kill feature is active for 30 minutes after the alarm is activated.

Smart LED:

The smart LED indicates system status:
- Slow flash = Armed
- Off = Disarmed
- Fast flash = Alarm activated

Vehicle Alarm

When the alarm is armed, the parking lights flash and the horn/siren chirps. The smart LED flashes continuously.
- In standard mode, the alarm is armed with either a single or double Lock button press. See dealer to change this configuration.
- In cargo mode, both the Entry Lock and Cargo Lock must be pressed within 5 seconds.

The alarm is activated with a security trigger input or if the ignition is started. The horn/siren, parking lights and head lights flash for 30 seconds. The starter kill is activated for 30 minutes. Press the Lock or Unlock buttons to deactivate the alarm.

There is a 5 second delay before the system will recognize a security input after being armed. If a security input (door ajar switch, motion sensor, glass break sensor, etc.) is triggered while the alarm is armed, the security input must be turned off and then on before the alarm is activated. The horn/siren chirps 3 times if a security input is active when the alarm is armed.

The alarm is disarmed three ways.
- Press the Lock (Entry Lock) on the FOB transmitter.
- Press the Unlock (Entry Unlock) button on the transmitter.
- Turn the ignition on and hold the programming button for 5 seconds.

Troubleshooting

Problem Description	Possible Solution
e-*FOB* Hints	
Button press does not provide correct operation	Verify power to the RF receiver
	Replace FOB transmitter battery
	Re-teach the FOB transmitter to the receiver
No operation or intermittent operation	Mount RF receiver away from enclosed metal areas and fully extend antenna
	Check FOB transmitter battery voltage. Batteries need to be changed every 1-2 years depending on usage.
One particular **e-*FOB*** function does not work	Check wire connection of affected function at RF module and wiring harness
For additional troubleshooting service, assistance, and/or warranty information on OEM-installed systems, please contact the OEM of your vehicle.	

This product has been manufactured with methods to ensure high quality and to meet the high expectations of our customers. Tri*Mark* warrants this product to be free from workmanship defects and will remedy issues per Tri*Mark*'s warranty policy.

Remote transmitter FOBs, batteries, and other equipment subject to normal wear and deterioration may need to be replaced periodically by dealer and/or end user and are not covered by this warranty. Tri*Mark* will not be liable for indirect, special, incidental or consequential damages.

This system complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference and (2) This device must accept any interference received including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio or television interference caused by unauthorized modification to this equipment. Such modification could void the user's authority to operate the equipment.

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