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BANVIE 806-FT4-WS

BANVIE Car Keyless Entry Security Alarm System + Remote Engine Start Starter + Push to Start Stop Ignition Kit Button

Model: 806-FT4-WS | Brand: BANVIE

1. Introduction

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your BANVIE Car Keyless Entry Security Alarm System, Remote Engine Start Starter, and Push to Start Stop Ignition Kit. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Important Safety Information and Legal Disclaimer

Warning! Safety First!

Due to the complexity of this system, installation of this product must only be performed by an authorized directed dealer or a professional technician with an existing understanding of automotive electrical systems. Improper use or installation of the product may be dangerous or illegal. BANVIE security products, Inc. and its vendors shall not be liable for any accident resulting from the wrong installation of this product.

If your car has chip keys, an immobilizer bypass module (e.g., Asin: B075TH5B91) may be required to bypass the engine lock for remote engine start functionality. This bypass module is not included and is sold separately. A method to bypass the chip without a dedicated bypass module may be available in the full installation guide provided with the product.

2. Product Features

The BANVIE system offers a range of features designed to enhance your vehicle's security and convenience:

- **Keyless Entry:** Basic remote control functions for locking and unlocking doors, and trunk release.
- **1-Way Alarm:** The siren will activate for 8 seconds upon car body shock and for 25 seconds if a side door is opened or the foot brake is pressed.
- **Remote Start:** Start your engine remotely to pre-warm your car in winter or pre-cool it in summer.
- **Push Button Start:** Keyless ignition allows you to start and stop the engine with a push of a button, replacing the traditional key lock.
- **Push Button Auto-lock:** The push button automatically locks 30 seconds after the engine stops, preventing unauthorized use.

- **Central Door Locking Automation:** Automatic locking of doors.
- **Emergency Override:** A function to disarm the system in emergencies.
- **Automatic Engine Cut-off:** The engine will automatically shut off after 15 minutes if the foot brake pedal is not pressed after remote starting.
- **Closing Window:** If a window closer is installed, the system can facilitate window closing.
- **Code Learning:** Allows for programming of new remote controls.

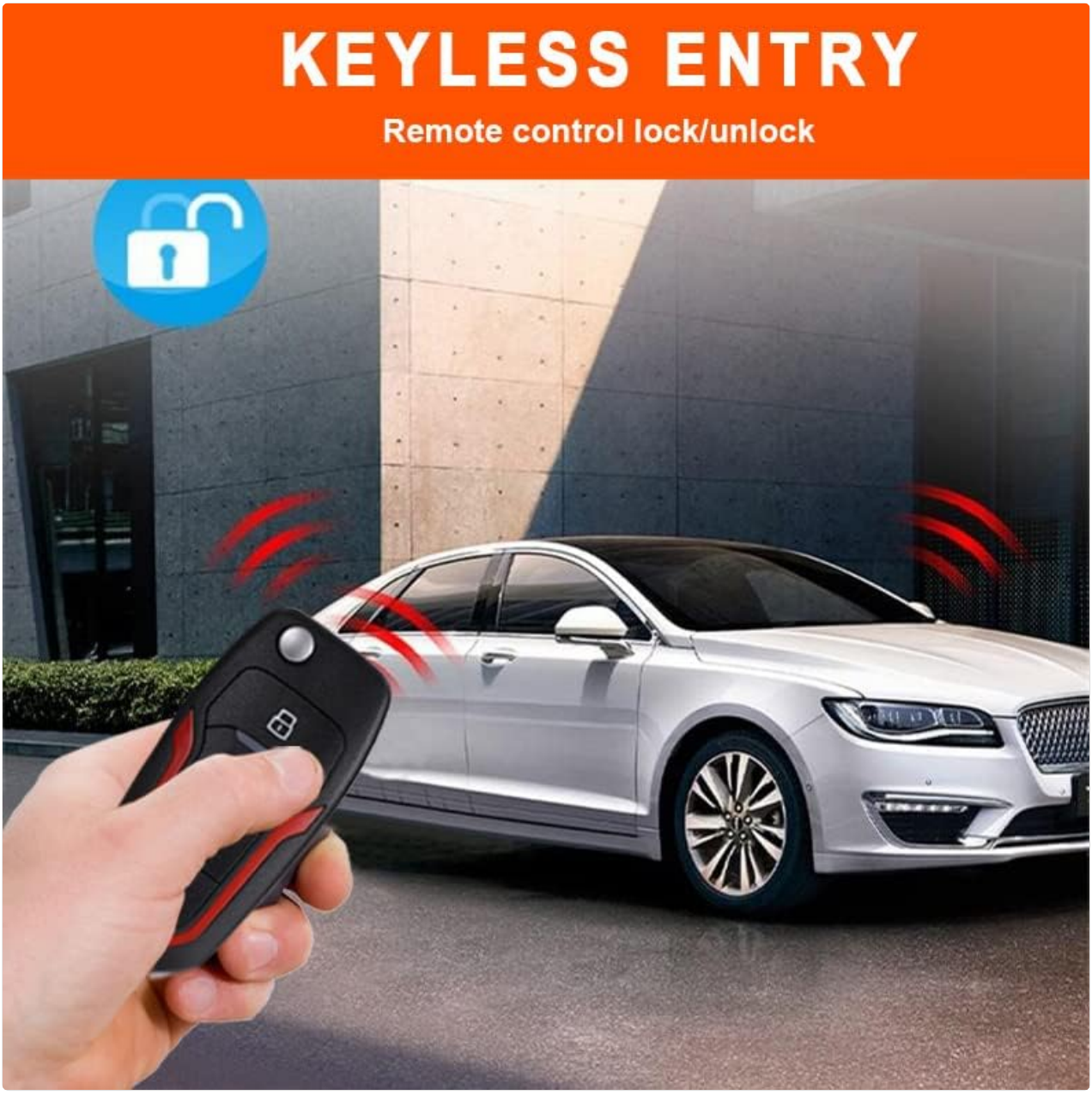


Figure 2.1: Keyless Entry functionality, allowing remote lock/unlock of vehicle doors.



Figure 2.2: Remote Engine Start feature, useful for pre-warming or pre-cooling the car.



Figure 2.3: Keyless Go Push Start button for direct ignition without a physical key.



Figure 2.4: Shock Sensor Anti-Thief Alarm system for enhanced vehicle security.



Figure 2.5: Remote Trunk Release function for convenient access to the vehicle's trunk.

3. Components Overview

The BANVIE system typically includes the following main components:

- Main Control Unit
- Siren (for models with siren)
- Remote Controls (Key Fobs)
- Push Start/Stop Button
- Wiring Harnesses
- Antenna
- Shock Sensor



Figure 3.1: Overview of all components included in the BANVIE Car Keyless Entry Security Alarm System kit.

4. Setup & Installation

Installation of this system requires advanced automotive electrical knowledge. It is strongly recommended that installation be performed by a certified professional to ensure correct wiring and functionality, and to prevent damage to the vehicle or the system.

Remote Control Button Functions

Familiarize yourself with the functions of the remote control buttons:



Figure 4.1: Diagram illustrating the functions of each button on the remote control.

- **Arm / Lock Button:** Press to arm the alarm and lock the doors. Press and hold for 3 seconds for car finding function.
- **LED Indicator:** Indicates remote activity.
- **Disarm / Unlock Button:** Press to disarm the alarm and unlock the doors. Press and hold for 3 seconds for trunk release.
- **Remote Start Button:** Press 3 times to activate remote engine start.
- **Silent Arm Mode Button:** Press to enter silent arm mode.

5. Operating Instructions

5.1. Arming and Disarming the System

- **To Arm/Lock:** Press the **Arm/Lock** button once. The vehicle lights will flash, and the siren will chirp (if enabled) to confirm arming. Doors will lock.
- **To Disarm/Unlock:** Press the **Disarm/Unlock** button once. The vehicle lights will flash twice, and the siren will chirp twice (if enabled) to confirm disarming. Doors will unlock.
- **Panic/Car Finding:** Press and hold the **Arm/Lock** button for 3 seconds. The siren will sound and lights will flash to help locate your vehicle. Press any button to stop.
- **Silent Arm:** Press the **Silent Arm Mode** button to arm the system without siren chirps. Lights will still flash.

5.2. Remote Engine Start/Stop

- **To Remote Start:** Ensure the vehicle is in Park (P) and the doors are closed. Press the **Remote Start** button three times within 3 seconds. The engine will start, and the vehicle will remain locked.
- **To Remote Stop:** While the engine is running via remote start, press the **Remote Start** button three times again. The engine will shut off.
- **Automatic Cut-off:** The engine will automatically shut off after 15 minutes if the foot brake pedal is not pressed after remote starting.

5.3. Push Button Start/Stop

- **To Start Engine:** With the remote control inside the vehicle, press the foot brake pedal and then press the **ENGINE START STOP** button once. The engine will start.
- **To Stop Engine:** With the vehicle running, press the foot brake pedal and then press the **ENGINE START STOP** button once. The engine will shut off.
- **ACC/ON Mode:** Without pressing the foot brake, press the **ENGINE START STOP** button once for ACC mode, press again for ON mode (ignition on), and a third time to turn off.
- **Push Button Auto-lock:** 30 seconds after the engine is stopped, the push button will automatically lock to prevent accidental or unauthorized activation.

5.4. Trunk Release

- **To Release Trunk:** Press and hold the **Disarm/Unlock** button for 3 seconds. The trunk will open.

6. Maintenance

To ensure the longevity and optimal performance of your BANVIE system, consider the following maintenance tips:

- **Remote Control Batteries:** The remote controls use CR2032 batteries. Replace them when the range decreases or the LED indicator dims. Refer to the remote's casing for instructions on opening and replacing the battery.
- **System Check:** Periodically test all functions (lock, unlock, alarm, remote start) to ensure they are working correctly.
- **Professional Inspection:** If you experience persistent issues, consult a professional automotive technician for inspection and service.
- **Keep Dry:** Protect the main unit and remote controls from moisture and extreme temperatures.

7. Troubleshooting

If you encounter issues with your BANVIE system, refer to the following common problems and solutions:

- **Remote Control Not Responding:**
  - Check and replace the remote control battery (CR2032).
  - Ensure you are within range of the vehicle.
  - Re-program the remote control if necessary (refer to code learning instructions in the full installation guide).
- **Engine Not Starting via Push Button:**
  - Ensure the remote control is inside the vehicle.
  - Verify the foot brake pedal is fully depressed.
  - Check vehicle battery health.
- **Remote Start Fails:**
  - Ensure the vehicle is in Park (P) and all doors are closed.
  - Confirm the immobilizer bypass module is correctly installed and functioning (if applicable).
  - Check for any active alarm triggers.
- **Alarm Triggers Randomly:**
  - Adjust the sensitivity of the shock sensor.
  - Ensure all doors, hood, and trunk are fully closed.
  - Check for loose wiring connections.
- **Central Locking Issues:**
  - Verify all door actuators are functioning correctly.
  - Check wiring connections to the central locking system.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to seek assistance from a professional installer or contact BANVIE customer support.

8. Specifications

Main Unit System Specifications

Parameter	Value
Working Voltage	DC 12 V ± 3 V
Static Current	≤ 15mA
PKE Emission Current	40mA
Working Frequency	433 - 434 MHZ
ACC / Start Current	30A

Remote Control Specifications

Parameter	Value

Parameter	Value
Working Voltage	DC 3V
Operation Current	8uA
Static Current	≤ 15mA
PKE Emission Current	40mA
Battery Type	CR2032

General Product Specifications

Parameter	Value
Manufacturer	BANVIE
Item Weight	1.85 pounds
Package Dimensions	7.83 x 5.28 x 3.62 inches
Manufacturer Part Number	806-FT4-WS
ASIN	B08CTBKG1L
Date First Available	July 12, 2020
Compatible Devices	Cars
Remote Control Included?	Yes
UPC	727523075338

9. Warranty and Support

For warranty information, technical support, or further assistance, please contact BANVIE customer service through their official channels. Keep your purchase receipt and product model number handy for faster service.

It is recommended to consult the full installation manual that came with your product for detailed wiring diagrams and advanced programming instructions.

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