BANVIE ST807

BANVIE Car Alarm System with Remote Start & Push-to-Start Button

Model: ST807

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your BANVIE Car Alarm System with Remote Start and Push-to-Engine Start Stop Button. This advanced system offers enhanced vehicle security and convenience features.

Key features of this system include:

- Remote control door lock/unlock/trunk release
- Smart engine start stop push button
- Remote engine start/stop (only in arm status and hand brake pulled up, warms car for 15 minutes)
- Shock sensor alarm, side door alarm, ACC detecting alarm
- Automatic central lock after driving
- Automatic window closing (if window closer was installed) after arming
- Panic code/Car finding function
- Illegal door opening /ACC triggered alarm
- Emergency override
- 15 minutes automatic engine cut-off if the foot brake pedal is not pressed after remote start
- Code learning capability

Important Safety Information

Warning! Safety First!

Due to the complexity of this system, installation of this product must only be performed by a qualified Automotive Service Technician. This system is designed to be professionally installed into a vehicle in which all systems and associated components are in perfect working condition. The installation guide is intended for installers or individuals with an existing understanding of automotive electrical systems, along with the ability to test and connect wires for proper operation.

Improper use of the product may be dangerous or illegal. BANVIE security products Inc. and its vendors shall not be liable for any vehicle damage or accident resulting from the wrong installation of this product.

Product Components



This image displays the complete set of components included with the BANVIE Car Alarm System. It features the main control unit, siren, wiring harnesses, two remote control key fobs, the push-to-start engine button, and various sensors and connectors necessary for installation.

Setup and Installation

As stated in the safety information, professional installation by a qualified Automotive Service Technician is highly recommended due to the complexity of this system and its integration with vehicle electrical systems.

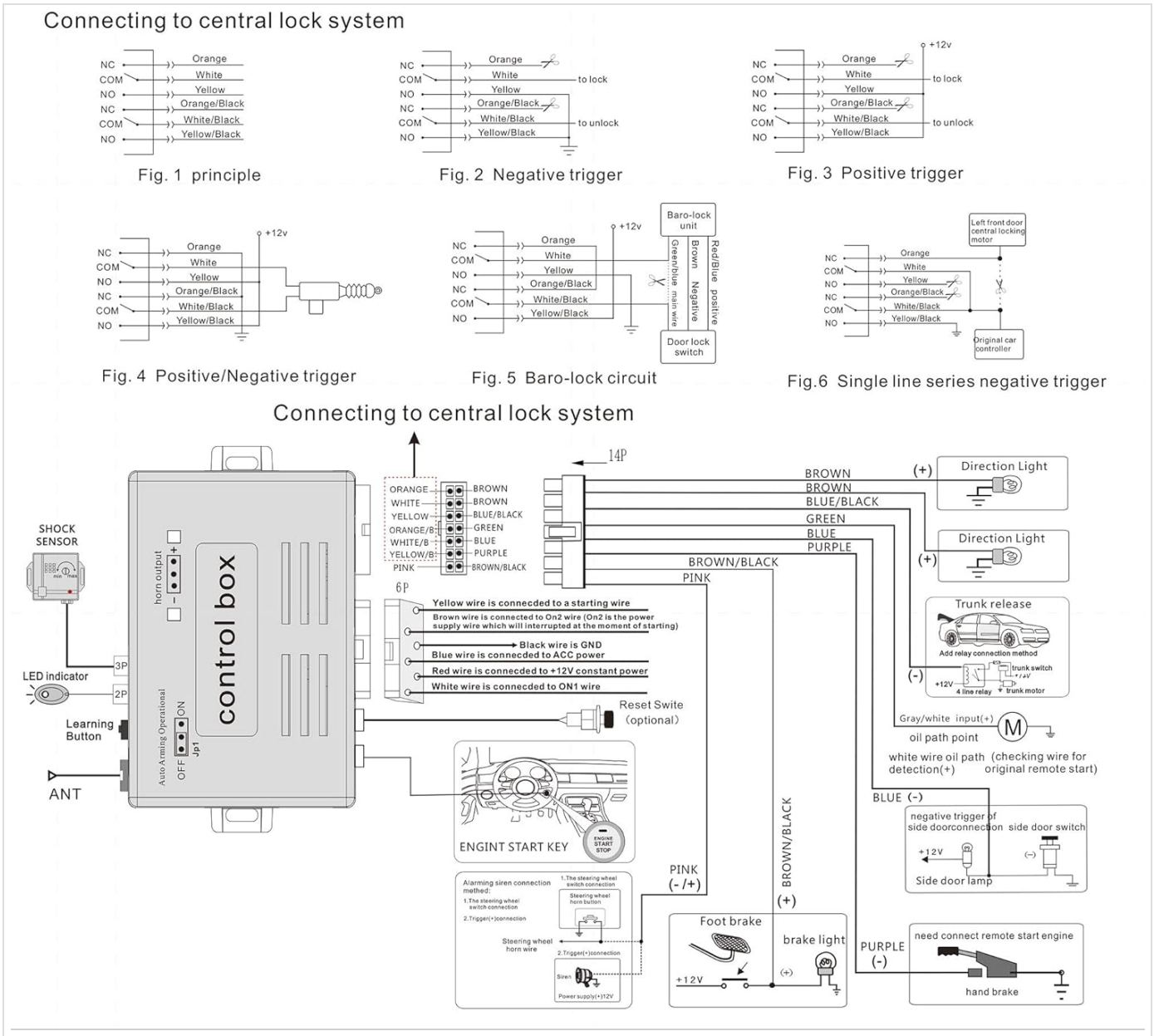
Immobilizer Bypass Module

If your vehicle is equipped with chip keys (an immobilizer system), an immobilizer bypass module will be required to enable the remote engine start function. This module (e.g., ASIN: B075TH5B91) is sold separately and is not included with this system.

Alternatively, the user manual provides a method on page 7 for installers to bypass the chip without a dedicated bypass module, if necessary.

Wiring Diagram

Refer to the detailed wiring diagram for proper connection of all components. This diagram illustrates the connections to the central lock system, engine start/stop, foot brake, hand brake, and other vehicle electrical points.



This image provides a comprehensive wiring diagram for the BANVIE Car Alarm System. It details connections for the control box, shock sensor, learning button, antenna, and various vehicle inputs and outputs, including central locking, ignition, and lighting circuits. Figures 1 through 6 illustrate different wiring principles for central lock systems.

Operating Instructions

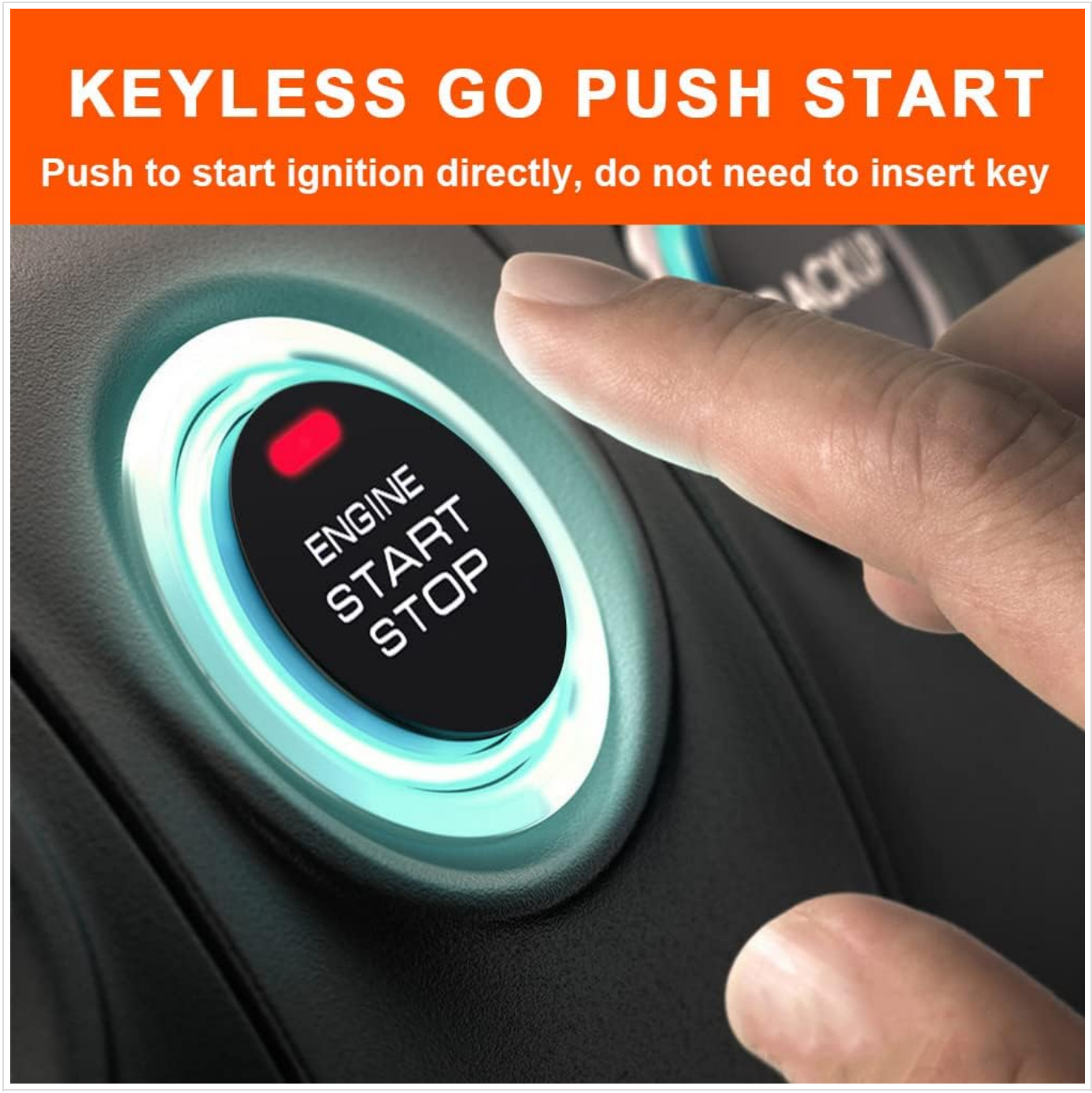
Remote Control Functions



This image illustrates the functions of the buttons on the BANVIE remote control key fob. It shows the LED indicator and explains the actions associated with each button press:

- **Lock Button:** Arm/Lock the vehicle. Press and hold for 3 seconds for Car Finding (Panic Code).
- **Mute/Speaker Button:** Silent Arm.
- **Unlock Button:** Disarm/Unlock the vehicle. Press and hold for 3 seconds for Trunk Release. Press 3 times for Remote Start.

Keyless Go Push Start



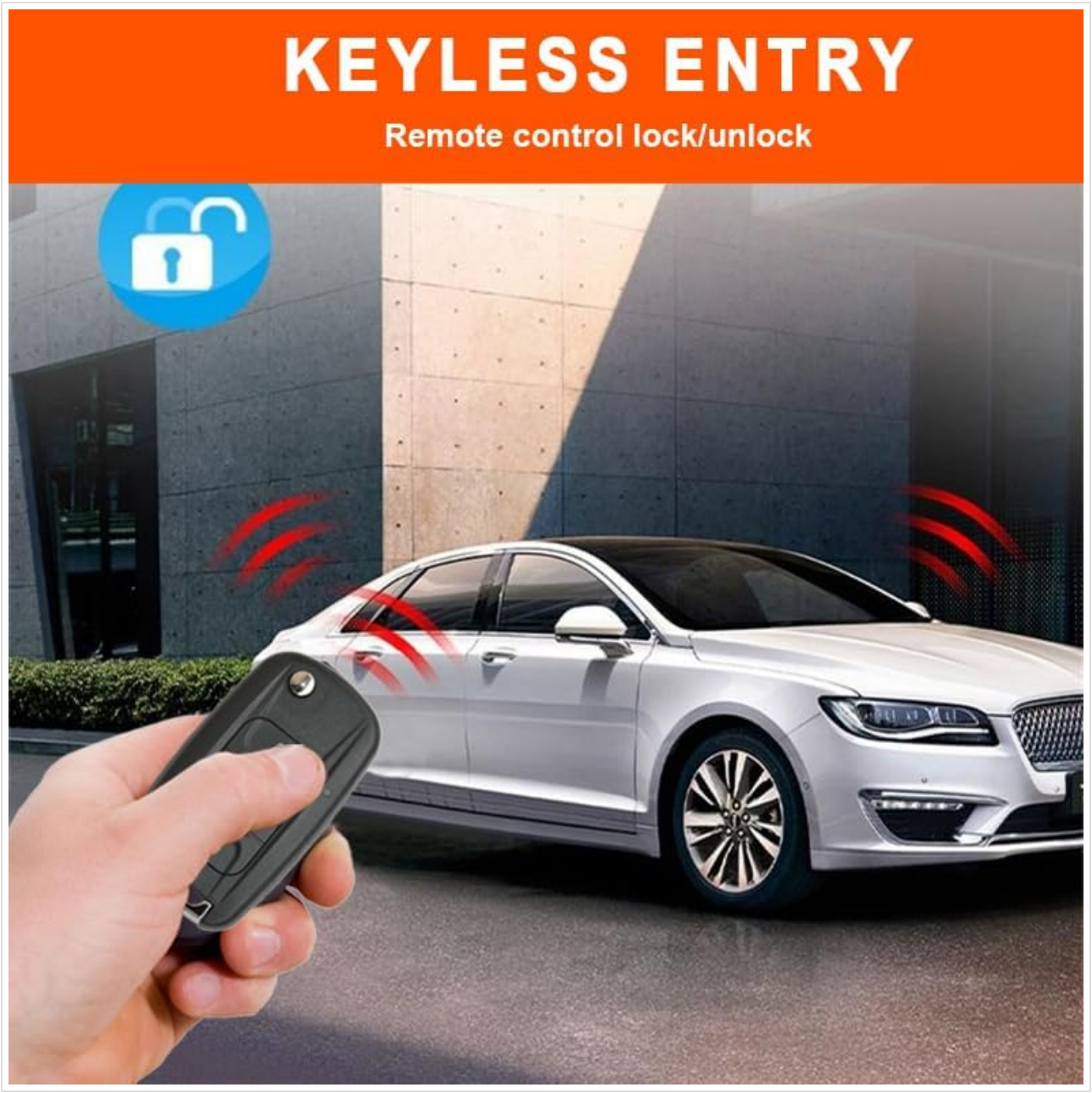
The system allows for direct engine ignition via a push button, eliminating the need to insert a traditional key. Simply press the "ENGINE START STOP" button to start or stop the vehicle. Keep pressing the button to start/stop the car.

Remote Engine Start/Stop



This feature allows you to pre-warm your car in winter or pre-cool it in summer. To activate remote engine start, the vehicle must be in an armed state and the hand brake must be pulled up. The engine will run for 15 minutes automatically. If the user does not step on the foot brake pedal within this time, the engine will cut off automatically.

Keyless Entry (Remote Control Lock/Unlock)



Use the remote control to conveniently lock and unlock your vehicle's doors from a distance. This feature provides quick and secure access to your car.

Shock Sensor Anti-Thief Alarm



The system is equipped with a sensitive shock sensor that triggers an alarm if it detects any impact or unauthorized tampering with the vehicle. This feature enhances the security against theft and vandalism.

Remote Trunk Release



Effortlessly open your vehicle's trunk using the remote control, providing convenient access for loading or unloading items.

Central Door Locking Automation

The system automatically locks the central doors after driving, enhancing security once the vehicle is in motion.

Emergency Override

In case of an emergency or remote control malfunction, the system includes an emergency override function to disarm the alarm and allow vehicle operation.

Maintenance

The BANVIE Car Alarm System is designed for low maintenance. Regular checks include:

- Ensure remote control batteries (CR2032) are replaced when the signal weakens.
- Keep the main control unit and sensors free from excessive moisture or physical damage.

- Periodically test all alarm functions to ensure proper operation.

Troubleshooting

If you encounter issues with your BANVIE Car Alarm System, consider the following common troubleshooting steps:

- **System not responding to remote:** Check remote control battery. Ensure you are within the effective range (up to 15 meters).
- **Engine not starting via push button:** Ensure the vehicle's original immobilizer system is properly bypassed (if applicable). Check all wiring connections.
- **Alarm triggers unexpectedly:** Adjust the sensitivity of the shock sensor. Ensure all doors, hood, and trunk are fully closed.
- **Remote start not working:** Verify the hand brake is engaged and the system is armed. Ensure the immobilizer bypass is functioning correctly.

For persistent issues, it is recommended to consult a qualified Automotive Service Technician or contact BANVIE customer support.

Specifications

Feature	Detail
Main Unit System Working Voltage	DC 12 V ± 3 V
Main Unit Static Current	≤ 15mA
PKE Emission Current	40mA
Working Frequency	433 - 434 MHZ
ACC / Start Current	30A
Remote Control Working Voltage	DC 3V
Remote Control Operation Current	8uA
Remote Control Static Current	≤ 15mA
Remote Control Battery Type	CR2032 (included)
Item Weight	1.85 pounds
Package Dimensions	7.76 x 5.35 x 3.62 inches
Maximum Range (Remote)	15 Meters
Noise Level (Siren)	125 dB

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official BANVIE website. It is recommended to retain your proof of purchase for warranty claims.

For any installation or operational queries not covered in this manual, please contact a qualified Automotive Service Technician or BANVIE customer service directly.

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This manual is for informational purposes only. Specifications are subject to change without notice.