BANVIE B09ZF8S3CR

BANVIE Car Alarm System Push to Start Ignition Kit

Model: B09ZF8S3CR

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your BANVIE Car Alarm System with Push to Start Ignition. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

Important Compatibility Notes

- This product is designed for DC 12V gasoline engine cars equipped with an electronic central door lock.
- It is not compatible with pickup trucks, diesel engine vehicles, or any cars without an electronic central door lock.
- If your vehicle uses a chip key engine lock (immobilizer), an additional bypass module (e.g., ASIN: B075TH5B91) is required for remote engine start functionality. This module is sold separately.
- A method to bypass the chip without a dedicated bypass module is detailed in the installation section for professional installers.

Package Contents

Verify that all components listed below are present in your package:

- Main Control Unit
- Remote Controllers (2 included)
- Push Start Button
- Wiring Harnesses
- Antenna
- LED Indicator
- Reset Button



Image: Overview of all components included in the BANVIE Car Alarm System kit.

Key Features

The BANVIE Car Alarm System offers a range of advanced features for vehicle security and convenience:

- **Basic Keyless Entry:** Remote control for door lock/unlock, car finding, and direction light flashing. Includes an LED indicator.
- **Keyless Go Push Button Start/Stop:** Start or stop your vehicle easily and conveniently with a push of a button, eliminating the need for a traditional key.



Image: Illustrates the Keyless Go Push Start function, allowing direct ignition without a physical key.

- **PKE (Passive Keyless Entry):** Automatically locks or unlocks the vehicle doors when the owner walks away from or approaches the car within 1-3 meters. PKE function can be enabled or disabled.

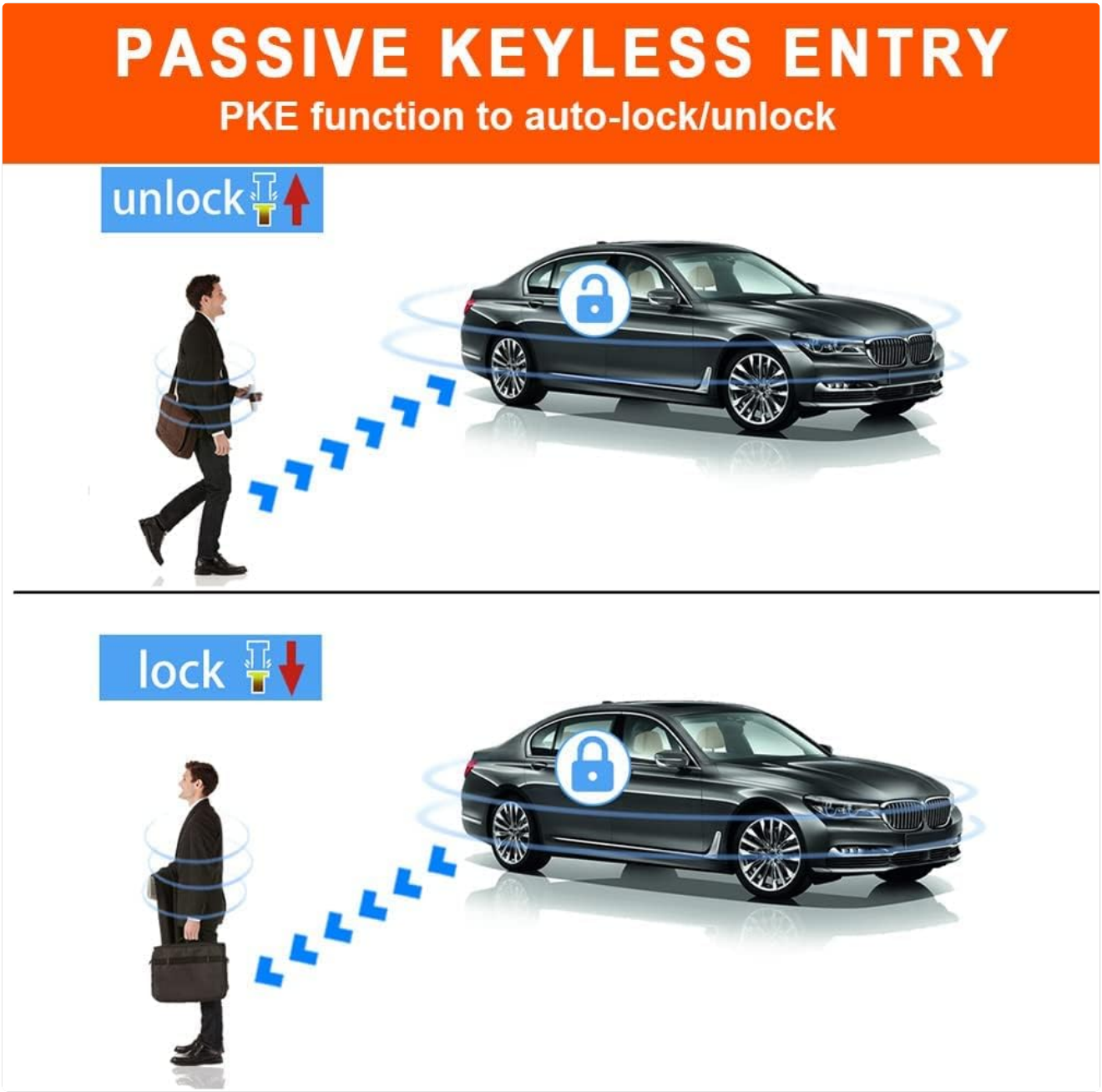


Image: Visual representation of the Passive Keyless Entry (PKE) feature, showing automatic lock/unlock based on proximity.

- **Remote Engine Start/Stop:** Pre-warm or pre-cool your car in extreme weather conditions. The system includes an auto-warm feature for 15 minutes. For vehicles with chip keys, a bypass module is required for this function. Remote start operates only when the system is armed for safety.



Image: Depicts the Remote Engine Start feature, useful for pre-warming or pre-cooling your vehicle.

- **Remote Trunk Release:** Conveniently open your vehicle's trunk remotely. Output polarity (+/-) is optional.



Image: Shows the Remote Trunk Release function, allowing the trunk to be opened via the remote control.

- **Car Alarm System:** When armed, the system will trigger an alarm if a door is illegally opened or if the foot brake is triggered. The siren will sound and direction lights will flash.



Image: Illustrates the Shock Sensor Anti-Thief Alarm, activating upon unauthorized entry attempts.

- **Central Door Locking Automation:** Automatically locks doors upon driving off and unlocks upon engine shut-off.
- **Emergency Override:** Provides a method to disarm the system in case of remote control loss or malfunction.
- **Code Learning:** Allows for pairing new or replacement remote controls with the main unit.

Setup and Installation

It is highly recommended that this product be installed by a professional technician to ensure correct wiring and optimal performance.

Wiring Diagram

A detailed wiring diagram is provided in the separate installation guide included with your product. Please refer to it for

specific connections to your vehicle's electrical system. Incorrect wiring can damage the system or your vehicle.

Immobilizer Bypass Module

If your car has a factory immobilizer system with a chip key, a bypass module (e.g., ASIN: B075TH5B91) is necessary to allow the remote engine start function to operate. This module bypasses the vehicle's immobilizer during remote start. If a bypass module is not available, a method to bypass the chip is described on page 7 of the detailed user manual for installers.

Operating Instructions

Basic Keyless Entry (Remote Control)

- **Arm/Lock:** Press the lock button on the remote once. The vehicle lights will flash, and doors will lock.
- **Disarm/Unlock:** Press the unlock button on the remote once. The vehicle lights will flash, and doors will unlock.
- **Panic Code/Car Finding:** Press and hold the car finding button (usually the horn icon) on the remote. The vehicle will sound its horn and flash lights to help locate it.

Push Button Start/Stop

- **To Start:** Ensure the system is disarmed. Press the foot brake pedal, then press the 'ENGINE START STOP' button once. The engine will start.
- **To Stop:** With the engine running, press the foot brake pedal, then press the 'ENGINE START STOP' button once. The engine will turn 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.

Passive Keyless Entry (PKE)

- **Automatic Unlock:** With the PKE function enabled, carry the remote control and approach the vehicle within 1-3 meters. The doors will automatically unlock.
- **Automatic Lock:** With the PKE function enabled, carry the remote control and walk away from the vehicle beyond 1-3 meters. The doors will automatically lock.
- **PKE On/Off:** Refer to the detailed installation manual for instructions on how to enable or disable the PKE function.

Remote Engine Start/Stop

- **To Remote Start:** Ensure the vehicle is armed. Press and hold the remote start button (often the trunk release or a dedicated button) on the remote for approximately 3 seconds. The engine will start.
- **Automatic Cut-off:** If the foot brake pedal is not pressed within 15 minutes after remote starting, the engine will automatically cut off for safety.
- **To Remote Stop:** While the engine is running from remote start, press and hold the remote start button again for approximately 3 seconds. The engine will turn off.

Remote Trunk Release

- **To Release Trunk:** Press and hold the trunk release button on the remote control for approximately 3 seconds. The trunk will open.

Alarm System Functions

- **Illegal Door Opening Alarm:** If a door is opened while the system is armed, the alarm will trigger.
- **ACC Triggered Alarm:** If the ACC (Accessory) power is turned on while the system is armed, the alarm will trigger.
- **Foot Brake Triggered Alarm:** If the foot brake is pressed while the system is armed, the alarm will trigger.

Code Learning (Pairing Remotes)

To pair new or replacement remote controls, follow the code learning procedure outlined in the detailed installation manual. This typically involves pressing a learning button on the main unit while simultaneously pressing a button on the remote.

Maintenance

- **Remote Control Battery Replacement:** The remote controls use CR2032 batteries. When the remote's range decreases or it stops responding, replace the battery. Open the remote casing carefully, replace the old battery with a new CR2032, ensuring correct polarity.
- **General Care:** Keep the main unit and remote controls dry and away from extreme temperatures. Avoid dropping the components.
- **Wiring Inspection:** Periodically check the wiring connections for any signs of wear, corrosion, or looseness, especially after significant vehicle maintenance.

Troubleshooting

Problem	Possible Cause	Solution
System does not respond to remote.	Remote battery low/dead; Remote out of range; Remote not paired.	Replace remote battery; Move closer to vehicle; Re-pair remote (refer to Code Learning section).
Engine does not start with push button.	Foot brake not pressed; System armed; Wiring issue.	Ensure foot brake is pressed; Disarm system; Check wiring connections (professional assistance recommended).
Remote start fails.	System not armed; Chip key immobilizer not bypassed; Wiring issue.	Arm the system; Install bypass module or use bypass method; Check wiring.
PKE not working.	PKE function disabled; Remote battery low; Interference.	Enable PKE function; Replace remote battery; Move away from sources of interference.
Alarm triggers unexpectedly.	Sensitive shock sensor setting; Faulty sensor; Wiring issue.	Adjust shock sensor sensitivity (refer to installation manual); Inspect sensors and wiring.

Technical Specifications

Parameter	Specification
Main Unit 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 (2 included)
Item Weight	1.7 pounds
Package Dimensions	7.72 x 5.31 x 2.64 inches
Country of Origin	China
PKE Maximum Range	3 Meters

Warranty and Support

This BANVIE product comes with a **1-Year Warranty** from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.
For technical support, troubleshooting assistance, or warranty inquiries, please contact BANVIE customer service through the retailer's platform or the contact information provided on the product packaging.

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