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› Alliskeys Smart Key Fob Replacement for Toyota Corolla 2023-2025 (Model HYQ14FBW)

## Alliskeys HYQ14FBW

# Alliskeys Smart Key Fob Replacement for Toyota Corolla 2023-2025

User Manual - Model HYQ14FBW

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the Alliskeys Smart Key Fob Replacement, designed for Toyota Corolla models from 2023 to 2025. Please read this guide thoroughly before attempting installation or programming to ensure proper function and compatibility.

## 2. COMPATIBILITY AND VERIFICATION

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This smart key fob is compatible with Toyota Corolla vehicles manufactured between 2023 and 2025 that feature a push-button ignition system. To ensure correct compatibility, verify the following details against your original key fob:

- **FCC ID:** HYQ14FBW
- **Part Numbers:** 8990H-AQ010 or 8990H-02470
- **Board Number:** 231451-2561
- Confirm that the button layout and style match your original key.

**NOTE:**

Please verify the Original FCC ID,  
Part Number and the Board No., and  
check the Button Style matched.

**Compatible with:**

**For Toyota Corolla 2023-2025**



Image showing the Alliskeys smart key fob and its compatibility with Toyota Corolla 2023-2025 models. The image highlights the need to verify FCC ID, Part Number, and Board Number.

## 5 Easy Visual Verification Steps

1. Verify that the original FCC ID matches
2. Verify that the original Part Number matches
3. Verify that the original Board No. matches
4. Verify that the button style matches
5. Verify that your vehicle has a push button ignition



## REPLACEMENT FOR:

### ● FCC ID

- HYQ14FBW

### ● PART NUMBER

- 8990H-AQ010

- 8990H-02470



Visual guide detailing five steps for verifying key fob compatibility, including matching FCC ID, Part Number, Board Number, button style, and confirming push-button ignition.

## 3. KEY FEATURES

The Alliskeys Smart Key Fob offers the following features:

- Pre-installed battery and electronics for immediate use after programming.
- Functions for locking and unlocking vehicle doors.
- Integrated trunk release button.
- Panic alarm function for security.
- Maximum transmission distance of up to 100 meters.
- Durable key shell, scratch-resistant, and drop-resistant design.

# KEY FOB REPLACEMENT

FCC ID: HYQ14FBW

Part-Number: 8990H-AQ010,  
8990H-02470

Board No.: 231451-2561

Chip & Frequency: Hitag AES(4A)  
312-314MHz

Buttons: 4 Buttons(Locked, Unlock,  
Trunk, Panic)

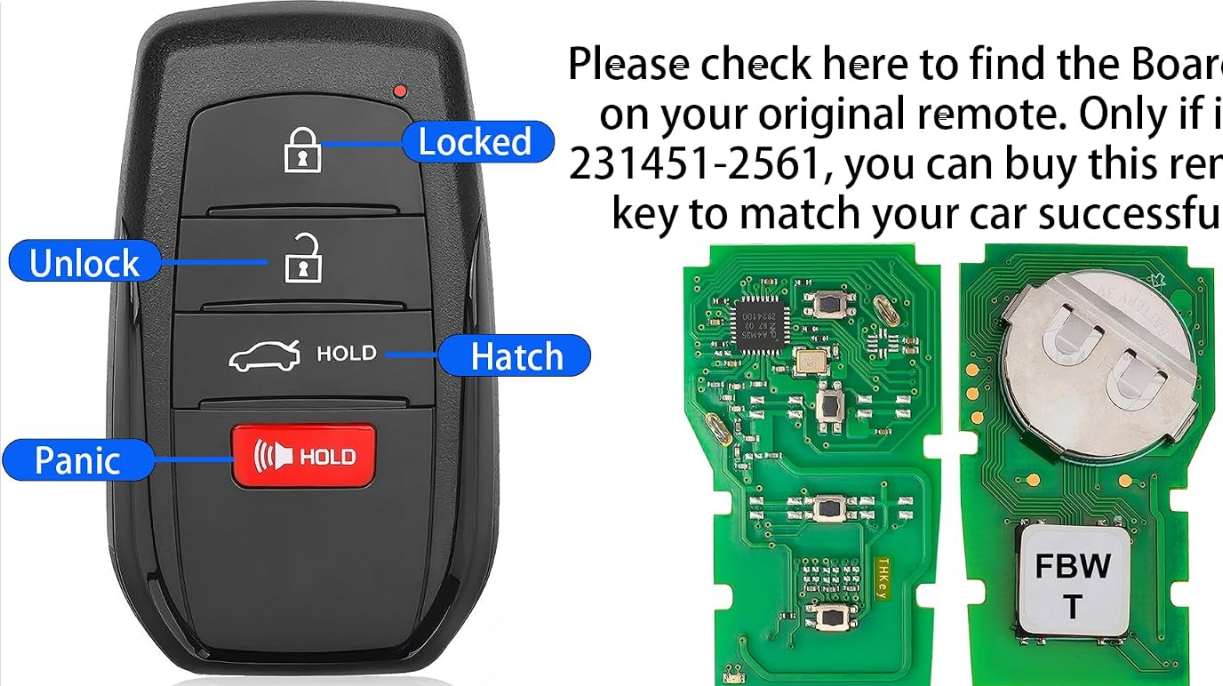
Battery Type: Panasonic CR2032

Key Blade: Uncut key blade



Detailed view of the Alliskeys key fob, showing its internal circuit board, battery type (Panasonic CR2032), chip (Hitag AES/4A), frequency (312-314MHz), and button functions (Lock, Unlock, Trunk, Panic).

Please check here to find the Board No. on your original remote. Only if it is 231451-2561, you can buy this remote key to match your car successfully.





**High Quality**  
Key Shell



**Long Lasted**  
Battery



**Scratch**  
Resistant



**Drop**  
Resistant



**Match Original**  
Perfect

Close-up of the Alliskeys smart key fob buttons (Lock, Unlock, Hold for Trunk, Hold for Panic) and a view of the internal circuit board with board number 231451-2561. Icons below indicate high quality, long-lasting battery, scratch resistance, drop resistance, and original match.

## 4. SETUP AND PROGRAMMING

Programming of this smart key fob requires specialized equipment and knowledge. **Self-programming is not possible.**

- **Professional Programming:** Take your new smart key fob to a qualified automotive locksmith or an authorized dealership for programming. Ensure they can program a key with FCC ID HYQ14FBW and Board No. 231451-2561.
- **Key Blade Cutting:** The included key blade is uncut. It must be cut by a professional locksmith to match your vehicle's emergency key.
- *Important:* Confirm that the remote programming can be successfully performed for your specific vehicle before having the key blade cut.



**NOTE:**  
Un-cut key blade is included. Must be cut by a professional Locksmith.



## LOCKSMITH REQUIRE

Bring your new smart key to a professional locksmith / dealer to get it program.

Image illustrating the uncut key blade and the internal components of the key fob, emphasizing that a professional locksmith or dealer is required for both key cutting and programming.

## 5. OPERATION

Once programmed, the smart key fob operates similarly to your original vehicle key. Ensure you are within range of your vehicle for optimal performance.

- **Lock Button:** Press once to lock all vehicle doors.
- **Unlock Button:** Press once to unlock all vehicle doors.
- **Trunk Release Button:** Press and hold to open the vehicle's trunk.
- **Panic Button:** Press and hold to activate the vehicle's alarm system.

## 6. MAINTENANCE

Proper care and maintenance will extend the life of your smart key fob.

- **Battery Replacement:** The key fob uses a Panasonic CR2032 battery. When the battery is low, the transmission range may decrease, or the key fob may stop functioning. To replace, carefully open the key fob casing and replace the CR2032 battery, ensuring correct polarity.
- **General Care:** Avoid exposing the key fob to extreme temperatures, direct sunlight for prolonged periods, or moisture. Do not drop the key fob or subject it to strong impacts.

## 7. TROUBLESHOOTING

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If you experience issues with your smart key fob, consider the following:

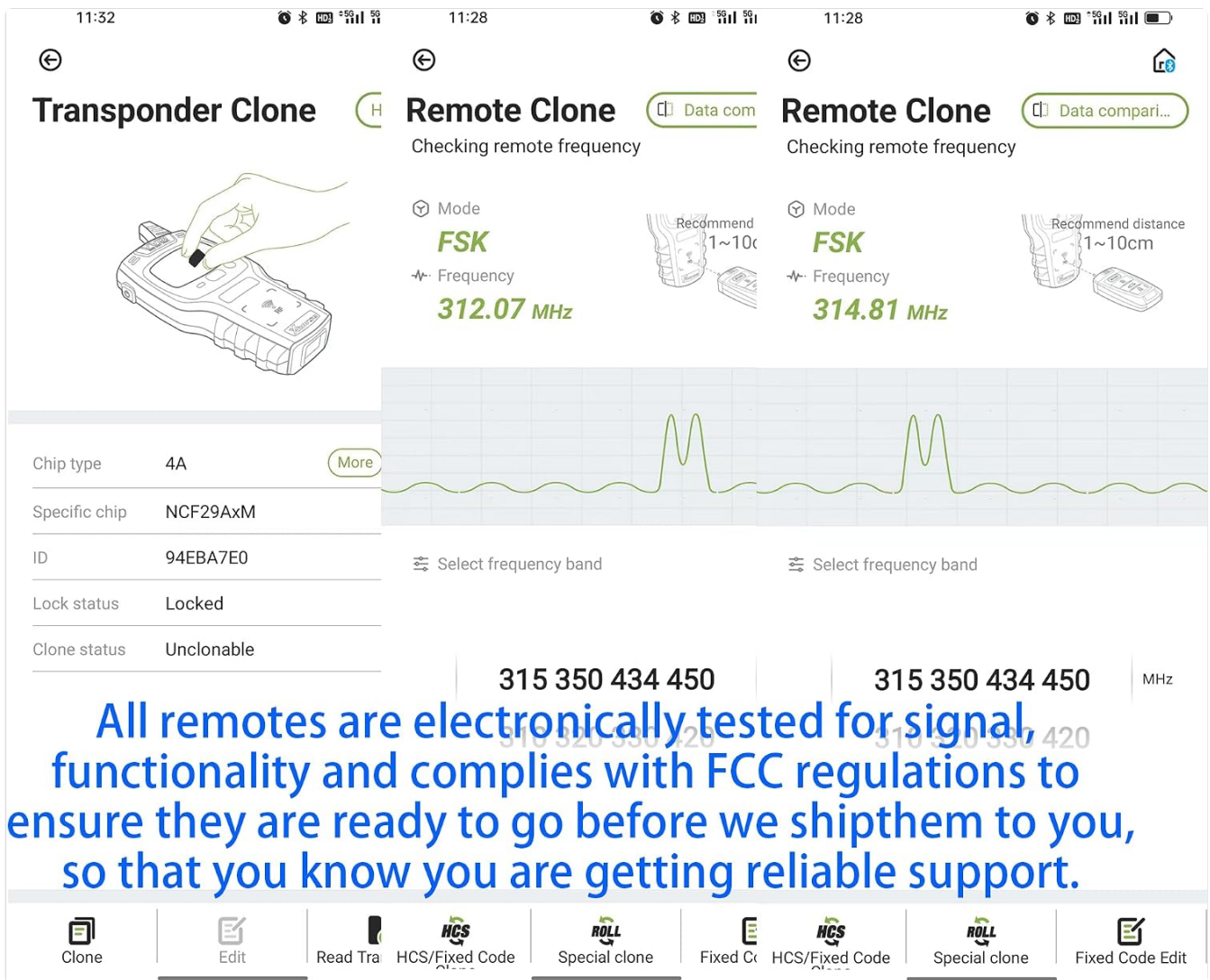
- **Key Fob Not Responding:** Check the battery. If the battery is low or depleted, replace it. Ensure you are within the effective range of the vehicle.
- **Vehicle Not Starting (Push-Button Ignition):** If the key fob is not detected, try holding it closer to the push-button start. If the issue persists, the key fob may need reprogramming or the battery may be critically low.
- **Inconsistent Range:** A weak battery is a common cause for reduced range. Replace the battery if necessary. Environmental factors can also affect range.
- **Key Fob Not Programming:** Ensure the locksmith or dealership has the correct equipment and information for your specific vehicle and key fob model. Verify all compatibility details (FCC ID, Part Number, Board Number) again.

## 8. SPECIFICATIONS

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Detailed specifications for the Alliskeys Smart Key Fob Replacement:

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| Model Number        | HYQ14FBW                                                 |
| FCC ID              | HYQ14FBW                                                 |
| Part Numbers        | 8990H-AQ010, 8990H-02470                                 |
| Board Number        | 231451-2561                                              |
| Frequency           | 312-314MHz                                               |
| Chip Type           | 4A/Hitag AES, P4:BA                                      |
| Buttons             | 4 (Lock, Unlock, Trunk, Panic)                           |
| Battery Type        | Panasonic CR2032 (included)                              |
| Product Dimensions  | 4.33 x 2.75 x 0.39 inches                                |
| Item Weight         | 1.13 ounces                                              |
| Color               | Black                                                    |
| Compatible Vehicles | Toyota Corolla 2023, 2024, 2025 (with push-button start) |



Screenshot of a transponder cloning device displaying electronic testing of a key fob for signal functionality and compliance with FCC regulations, ensuring reliability.

## 9. PACKAGE CONTENTS

The package includes:

- 1 x Alliskeys Smart Key Fob (with pre-installed battery and electronics)
- 1 x Uncut Key Blade

# PACKAGE INCLUDED



Image showing the disassembled components of the Alliskeys smart key fob, including the outer casing, internal circuit board, and the uncut key blade, representing the package contents.

## 10. SUPPORT AND WARRANTY

For any questions or assistance, please contact Alliskeys customer support. This product includes a 90-day refund or replacement policy from the date of purchase. If the remote does not function as expected for any reason, please contact us for support.