

[Manuals.plus](#) /

› [Alliskeys](#) /

› Alliskeys Smart Key Fob Instruction Manual for Toyota Camry 2007-2009 and Avalon 2006-2010 (Model HYQ14AAB)

Alliskeys HYQ14AAB

Alliskeys Smart Key Fob Instruction Manual

Model: HYQ14AAB

1. PRODUCT OVERVIEW AND COMPATIBILITY

This Alliskeys Smart Key Fob is a keyless entry remote control replacement designed for specific Toyota vehicles equipped with a push-button start system. It comes pre-installed with a battery and electronics, ready for professional programming.

Compatible Vehicles:

- Toyota Camry: 2007, 2008, 2009
- Toyota Avalon: 2006, 2007, 2008, 2009, 2010
- Toyota Corolla: 2009, 2010, 2011, 2012

Key Specifications:

- Replacement Part Numbers: 89904-06041 / 89904-33181
- FCC ID: HYQ14AAB
- Board ID: 271451-0140
- Frequency: 314.3MHz
- Chip Type: 4D
- Buttons: 3+1 (Lock, Unlock, Trunk, Panic)

Important: Verify that your original key fob's FCC ID, Part Number, and Board ID match these specifications, and ensure your vehicle has a push-button ignition system.

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

- HYQ14AAB

● PART NUMBER

- 89904-06041

- 89904-33181



Image: Visual guide for verifying key fob compatibility by checking FCC ID, Part Number, Board ID, button style, and push-button ignition.



Image: Key fob button functions (Lock, Unlock, Trunk, Panic) and a reminder to verify the Board ID.

2. SETUP AND PROGRAMMING

The Alliskeys Smart Key Fob requires professional programming to function with your vehicle. Self-programming is not supported for this device.

Programming Requirements:

- **Professional Locksmith or Dealership:** Programming must be performed by a qualified automotive locksmith or a Toyota dealership.
- **Key Blade Cutting:** The included un-cut key blade must be cut by a professional locksmith to match your vehicle's ignition.

Before cutting the key blade, ensure that the remote programming can be successfully completed for your specific vehicle.



Image: Illustration emphasizing the need for a professional locksmith for key blade cutting and programming services.

3. OPERATING INSTRUCTIONS

Once successfully programmed, your Alliskeys Smart Key Fob provides convenient keyless entry and vehicle control.

Basic Functions:

- **Lock:** Press the **Lock** button to secure all vehicle doors.
- **Unlock:** Press the **Unlock** button to open all vehicle doors.
- **Trunk Release:** Press the **Trunk** button to open the vehicle's trunk.
- **Panic Alarm:** Press the **Panic** button to activate the vehicle's alarm system. Press again to deactivate.

The smart key offers a maximum transmission distance of up to 100 meters, allowing for remote operation.

4. MAINTENANCE

Your Alliskeys Smart Key Fob is designed for durability. Regular maintenance primarily involves battery replacement.

Battery Information:

- **Battery Type:** CR2032 (included and pre-installed)

- **Replacement:** When the remote's range decreases or it becomes unresponsive, the battery may need replacement. Consult a professional or refer to general guides for replacing CR2032 batteries in key fobs.



Image: Internal view of the key fob, displaying the circuit board and the CR2032 battery.

5. TROUBLESHOOTING

If you encounter issues with your Alliskeys Smart Key Fob, consider the following troubleshooting steps:

- **No Response:** Ensure the key fob has been correctly programmed by a professional locksmith or dealership. If it was recently programmed, a temporary communication issue might occur. Try removing and reinserting the battery to reset the fob, then retest.
- **Reduced Range:** This often indicates a low battery. Replace the CR2032 battery.
- **Intermittent Functionality:** Verify that there are no strong radio frequency interferences in the area. Ensure the vehicle's battery is not low.
- **Vehicle Not Starting (Push-Button Ignition):** If the key fob is recognized for unlocking but not starting the vehicle, it might indicate a programming issue specific to the immobilizer function. Revisit a professional for diagnosis.

If problems persist after basic troubleshooting, contact Alliskeys customer support or return to the professional who programmed the key fob for further assistance.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	4.33 x 2.75 x 0.39 inches
Item Weight	1.13 ounces
Model Number	HYQ14AAB
Batteries	1 CR2032 (included)
Frequency	314.3MHz
Chip Type	4D
FCC ID	HYQ14AAB
Part Numbers	89904-06041 / 89904-33181
Board ID	271451-0140
Manufacturer	Alliskeys
Color	Black

KEY FOB REPLACEMENT

FCC ID: HYQ14AAB
Part Number: 89904-06041/33181
Board No.: 271451-0140
Chip / Freq: 4D/FSK 314.34MHz
Buttons: 4 buttons(Locked, Unlock, Trunk, Pinic)
Battery Type: Panasonic CR2032
Key Blade: Un-cut key blade

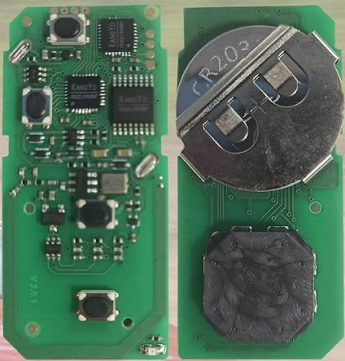


Image: Detailed specifications of the key fob, including technical identifiers and components.

7. WARRANTY AND SUPPORT

Alliskeys is committed to customer satisfaction.

Warranty Information:

- **90-Day Satisfaction Guarantee:** If the remote does not function for any reason within 90 days of purchase, please contact Alliskeys for a refund or replacement.

Customer Support:

For any questions, concerns, or assistance with your Alliskeys Smart Key Fob, please refer to the seller's contact information provided at the point of purchase. Our team is available to assist you with product-related inquiries.