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› Faaftech FT-AC-TY3 Electric Window and Mirror Module for Toyota Yaris 2023 User Manual

Faaftech FT-AC-TY3

Faaftech FT-AC-TY3 Electric Window and Mirror Module for Toyota Yaris 2023 User Manual

Model: FT-AC-TY3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Faaftech FT-AC-TY3 Electric Window and Mirror Module. This module is designed to enhance the functionality of the electric windows and side mirrors in Toyota Yaris 2023 vehicles.

Please read this manual thoroughly before installation and use to ensure proper function and to avoid damage to the product or vehicle.

2. PRODUCT OVERVIEW

The Faaftech FT-AC-TY3 module integrates with your vehicle's existing electrical system to provide automated control over power windows and side mirrors. Key features include:

- Automatic window closing upon vehicle locking.
- Automatic mirror folding upon vehicle locking.
- One-touch window operation.
- Anti-crushing safety feature for windows.



Image 2.1: The Faafttech FT-AC-TY3 module, shown with a car remote and a Toyota Yaris illustrating the automatic window and mirror functions. The module facilitates the automatic closing of windows and folding of side mirrors when the vehicle is locked.

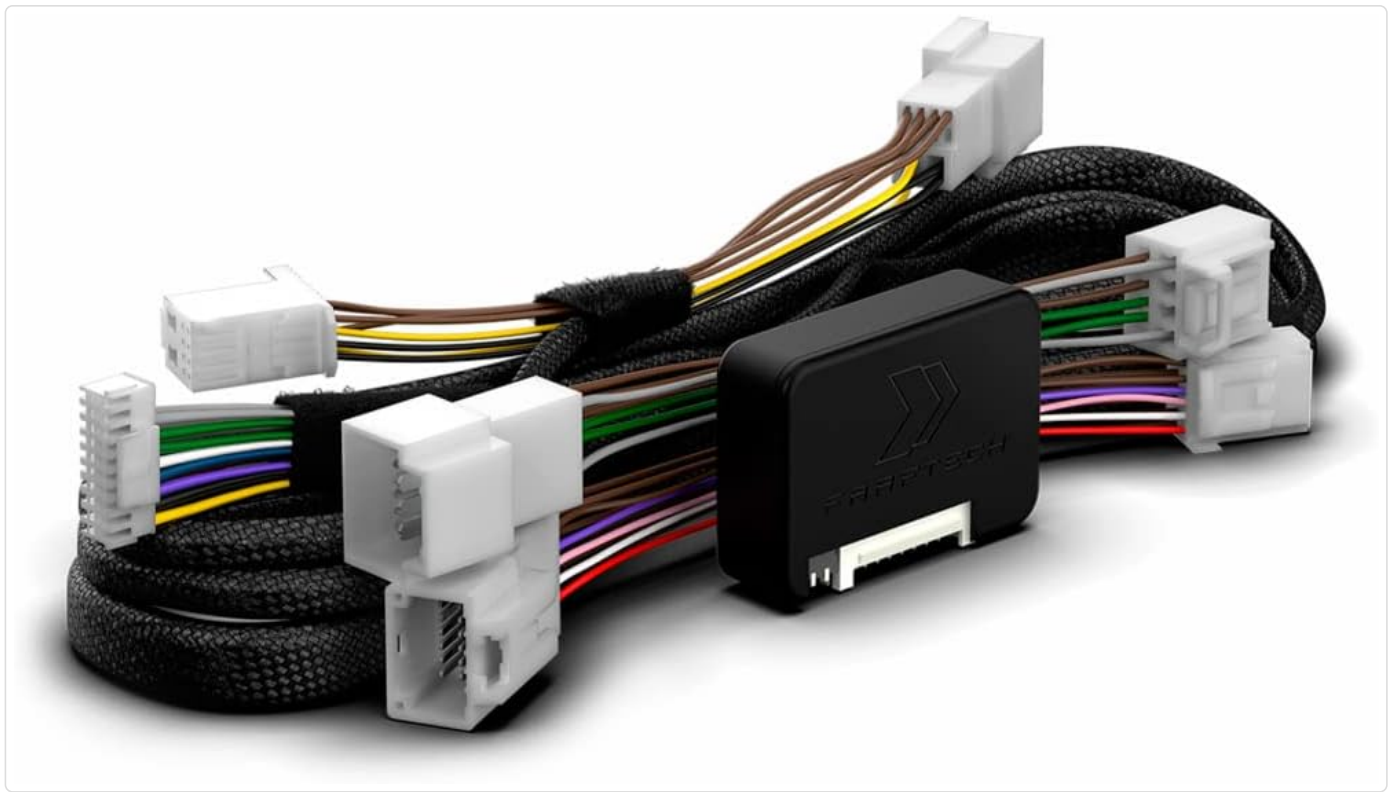


Image 2.2: A detailed view of the Faaftech FT-AC-TY3 module and its accompanying wiring harness. The harness features multiple connectors designed for seamless integration with the vehicle's electrical system.

3. SETUP AND INSTALLATION

Important: Installation should be performed by a qualified automotive technician. Disconnect the vehicle's battery before beginning installation to prevent electrical damage.

3.1. Pre-Installation Checklist

- Ensure the vehicle is a Toyota Yaris 2023 model.
- Verify all components of the FT-AC-TY3 module kit are present.
- Gather necessary tools (e.g., screwdrivers, wire strippers, multimeter).

3.2. Installation Steps

1. Locate the vehicle's main wiring harness for the power windows and side mirrors, typically found within the door panels or under the dashboard.
2. Carefully disconnect the existing connectors.
3. Connect the FT-AC-TY3 module's harness inline with the vehicle's wiring, ensuring all connectors are securely fastened. The module is designed for plug-and-play installation where applicable.
4. Secure the module in a safe, dry location within the vehicle, away from moving parts or excessive heat.
5. Reconnect the vehicle's battery.
6. Test all window and mirror functions as described in the "Operating" section.

4. OPERATING INSTRUCTIONS

4.1. Automatic Window Closing

After installation, when you lock your Toyota Yaris 2023 using the original vehicle remote control, the FT-AC-TY3 module will automatically close all open windows. This function activates approximately 2 seconds after the lock command is received.

4.2. Automatic Mirror Folding

Similarly, upon locking the vehicle with the remote control, the side mirrors will automatically fold inward. When the vehicle is unlocked, the mirrors will return to their open position.



Image 4.1: A Toyota Yaris demonstrating the automatic operation of windows and side mirrors. The blue arrows indicate the movement of the windows (up/down) and mirrors (fold/unfold) as controlled by the FT-AC-TY3 module.

4.3. One-Touch Window Operation

The module enables one-touch up and down functionality for all power windows, even if the vehicle did not originally support this feature for all windows.

4.4. Anti-Crushing Safety

The FT-AC-TY3 module includes an anti-crushing safety system. If an obstruction is detected during automatic window closing, the window will stop and reverse its direction to prevent injury or damage.

5. MAINTENANCE

The Faafttech FT-AC-TY3 module is designed to be maintenance-free. However, to ensure optimal performance and longevity:

- Keep the module and its connections dry and free from dust or debris.
- Avoid exposing the module to extreme temperatures or direct sunlight for prolonged periods.
- Periodically check the wiring connections for any signs of wear or looseness.

No user-serviceable parts are inside the module. Do not attempt to open or repair the unit.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Windows or mirrors do not operate automatically.	Incorrect installation, loose connection, vehicle battery low.	Verify all wiring connections are secure. Ensure the vehicle battery is fully charged. Re-check installation steps or consult a qualified technician.
Windows stop unexpectedly during closing.	Anti-crushing system activated by an obstruction.	Remove any obstructions from the window path. Test window operation again.
Module not responding.	Power supply issue, module malfunction.	Check vehicle fuses related to power windows/mirrors. If issues persist, contact Faaftech support.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Faaftech customer support or a certified automotive technician.

7. SPECIFICATIONS

- **Model:** FT-AC-TY3
- **Brand:** Faaftech
- **Compatibility:** Toyota Yaris 2023 (specific models may vary, verify with Faaftech)
- **Functions:** Automatic window closing, automatic mirror folding, one-touch window operation, anti-crushing safety.
- **Mounting Type:** Door mount (integrated with vehicle wiring harness)
- **ASIN:** B09RQ1KWMB

Note: Specifications are subject to change without prior notice.

8. WARRANTY AND SUPPORT

Faaftech products are covered by a limited warranty against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Faaftech website. For technical support, installation assistance, or warranty claims, please contact Faaftech customer service through their official channels. When contacting support, please have your product model (FT-AC-TY3) and purchase information readily available.

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