

FEBEST 42304-06220

FEBEST Rear Flange Base for Toyota Camry (2006-2016) - Model 42304-06220

Brand: FEBEST | Model: 42304-06220 (TAB-077)

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the FEBEST Rear Flange Base, part number 42304-06220 (also known as TAB-077). This component is designed as a direct replacement part for the rear suspension system of Toyota Camry models manufactured between 2006 and 2016. The flange base is a critical part of the vehicle's wheel assembly, contributing to proper wheel alignment, stability, and overall driving safety.

2. SAFETY INFORMATION

Automotive repair and part installation can be hazardous. Always prioritize safety to prevent injury or damage to the vehicle.

- **Professional Installation Recommended:** Due to the complexity and safety-critical nature of suspension components, installation by a qualified and experienced automotive technician is strongly recommended.
- **Use Proper Tools:** Ensure all necessary tools are available and in good working condition.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and appropriate clothing.
- **Secure the Vehicle:** Before working under the vehicle, ensure it is properly lifted and secured with jack stands on a level surface. Never rely solely on a jack.
- **Consult Service Manual:** Refer to the vehicle's official service manual for specific torque specifications, removal, and installation procedures for your Toyota Camry model.
- **Inspect Surrounding Components:** While installing, inspect other suspension and brake components for wear or damage and replace as necessary.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- 1x FEBEST Rear Flange Base (Part Number: 42304-06220 / TAB-077)
- This is a genuine FEBEST spare part.

4. SETUP AND INSTALLATION

Installation of the rear flange base requires specialized knowledge and tools. It is highly recommended that this procedure be performed by a certified mechanic or a professional automotive service center.

General Installation Steps (Consult Vehicle Service Manual for Details):

1. **Vehicle Preparation:** Safely lift the rear of the vehicle and secure it on jack stands. Remove the rear wheel.
2. **Component Access:** Disconnect any brake lines, ABS sensors, or parking brake cables that may obstruct access to the rear flange base.
3. **Removal of Old Component:** Carefully unbolt and remove the existing rear flange base and associated suspension links. Note the orientation and position of all components.
4. **Installation of New Component:** Position the new FEBEST Rear Flange Base (42304-06220) into place. Ensure proper alignment with mounting points.
5. **Secure Fasteners:** Install all bolts and nuts. Refer to your Toyota Camry's service manual for the correct torque specifications for each fastener. Overtightening or undertightening can lead to component failure or unsafe operation.
6. **Reassembly:** Reconnect brake lines, ABS sensors, and parking brake cables. Bleed the brake system if lines were opened. Reinstall the wheel.
7. **Final Checks:** Lower the vehicle. Perform a thorough inspection to ensure all components are securely fastened and there are no leaks or obstructions. A wheel alignment is recommended after replacing suspension components.



Figure 1: Exploded view of the rear suspension assembly, highlighting various components including control arms and bushings. The flange base (part 42304-06220, labeled TAB-077 in this diagram) integrates into this system. This diagram is for illustrative purposes; always refer to your vehicle's specific service manual.

5. OPERATING INSTRUCTIONS

Once correctly installed, the FEBEST Rear Flange Base operates as an integral part of your vehicle's rear suspension system. It is designed to maintain proper wheel geometry, absorb road shocks, and ensure stable

handling. No direct user operation is required for this component.

After installation, it is crucial to perform a test drive in a safe environment to confirm proper function and ensure there are no unusual noises or handling characteristics. A professional wheel alignment is highly recommended to ensure optimal vehicle performance and tire longevity.

6. MAINTENANCE

The FEBEST Rear Flange Base is a sealed, maintenance-free component. Regular maintenance involves periodic inspection during routine vehicle service.

- **Visual Inspection:** During tire rotations or other undercarriage inspections, visually check the flange base for any signs of damage, cracks, excessive rust, or looseness.
- **Noise Check:** Listen for any unusual noises (e.g., clunking, squeaking, grinding) coming from the rear wheel area, which could indicate wear or failure.
- **Replacement:** If any signs of wear, damage, or malfunction are detected, the component should be replaced immediately by a qualified technician to ensure vehicle safety and performance.

7. TROUBLESHOOTING

If you experience any issues after installing the FEBEST Rear Flange Base, consider the following common symptoms and potential causes:

Symptom	Possible Cause	Recommended Action
Unusual noises (clunking, squeaking, grinding) from the rear.	Loose fasteners, worn bushings in the flange base or surrounding components, improper installation.	Inspect all mounting bolts for correct torque. Check for play in the wheel bearing or bushings. Consult a mechanic.
Uneven tire wear on rear tires.	Incorrect wheel alignment, worn suspension components including the flange base.	Have a professional wheel alignment performed. Inspect suspension components for wear.
Loose or unstable feeling in the rear of the vehicle.	Excessive play in the flange base or other suspension components, improper installation.	Immediately have the vehicle inspected by a qualified mechanic. Do not drive if handling feels unsafe.

Important: If you suspect a problem with your vehicle's suspension, it is critical to have it inspected by a qualified mechanic immediately. Driving with faulty suspension components can compromise vehicle safety.

8. SPECIFICATIONS

Brand: FEBEST

Part Number: 42304-06220 (FEBEST TAB-077)

Compatible Vehicle: Toyota Camry (2006-2016)

Manufacturer Reference: Toyota

Item Weight: Approximately 131.54 - 132 grams

EAN: 4056111000374

Original Equipment (OE) Part Numbers:

- Toyota 42304-05060
- Toyota 42304-06220
- Toyota 42304-05110

- Toyota 42305-05110
- Toyota 42305-05060
- Toyota 42305-06200

Condition: New

First Available Date: September 14, 2020

9. WARRANTY AND SUPPORT

For specific warranty terms and conditions related to the FEBEST Rear Flange Base (42304-06220), please refer to the documentation provided at the time of purchase or contact your retailer directly. Warranty coverage typically varies by region and retailer.

If you require technical assistance, have questions about the product, or need to report an issue, please contact FEBEST customer support or the authorized dealer from whom you purchased the part. Provide your product model number (42304-06220 or TAB-077) and proof of purchase for faster service.