

TECHPICCO Tacoma 2024-2025

TECHPICCO Ditch Light Bracket Instruction Manual

Model: Tacoma 2024-2025 | Brand: TECHPICCO

1. PRODUCT OVERVIEW

The TECHPICCO Ditch Light Brackets are engineered to provide a robust and precise mounting solution for LED ditch lights on Toyota Tacoma models from 2024 to 2025. These brackets are designed for seamless integration, enhancing your vehicle's lighting capabilities for improved visibility during off-road adventures and in low-light conditions. Constructed from durable materials, they are built to withstand challenging environments.



Image 1.1: Overview of the TECHPICCO Ditch Light Brackets, including the two brackets, mounting hardware, and a compatible Toyota Tacoma truck.

2. SETUP AND INSTALLATION

Installation of the TECHPICCO Ditch Light Brackets is designed to be straightforward and can typically be completed within 15 minutes. Follow these steps carefully to ensure proper fitment and secure mounting.

EASY TO INSTALL



1. Loosen driver/passenger hood hinge bolts and washers and make clearance for the brackets.



2. Insert the brackets in between hood hinge and bolts.



3. Re-tighten the all hood hinge bolts.



NOTE: Please make sure the hood alignment.

Image 2.1: Visual guide demonstrating the four key steps for installing the ditch light brackets.

1. **Loosen Hood Hinge Bolts:** Locate the driver and passenger side hood hinge bolts and washers. Carefully loosen these bolts to create enough clearance for the bracket.
2. **Insert Brackets:** Position the ditch light bracket between the hood hinge and the loosened bolts. Ensure the bracket is correctly oriented for your desired light placement.
3. **Tighten Bolts:** Once the bracket is in place, re-tighten all hood hinge bolts securely.
4. **Verify Alignment:** After tightening, ensure the hood is properly aligned and closes without obstruction. Check for any interference with the rubber seal along the fender.

Note: The thoughtful inclusion of a Cable Management Zip Tie Cutout ensures a neat and organized installation, keeping cables and wires securely in place, preventing clutter, and maintaining a professional appearance.

3. OPERATION AND BENEFITS

The TECHPICCO Ditch Light Brackets serve as a stable platform for mounting auxiliary LED lights, significantly enhancing your vehicle's forward and side visibility. This is particularly beneficial during nighttime off-road excursions, allowing you to see obstacles and terrain more clearly.

COMPATIBLE WITH MOST LED LIGHT POD



Image 3.1: Comparison showing improved visibility with ditch lights installed using the brackets.

These brackets are compatible with most LED light pods, providing flexibility in your choice of lighting. Their precision engineering ensures that the mounted lights sit at an exact position, optimizing light spread without hindering the operation of the hood or wipers.

MOUNT AND SEAT AT EXACT POSITION



- **Made of high-quality steel**
- **Installs in 15 minutes**
- **Does not hinder the work of the hood and wiper**

Image 3.2: The bracket ensures the light pod is mounted securely and precisely.

4. CARE AND MAINTENANCE

The TECHPICCO Ditch Light Brackets are constructed from high-quality 5mm stainless steel with a 2-stage texture powder coating, designed for durability and resistance to harsh conditions. To ensure their longevity and maintain their appearance:

- **Regular Cleaning:** Clean the brackets periodically with mild soap and water to remove dirt, mud, and road grime. Avoid abrasive cleaners or harsh chemicals that could damage the powder coating.
- **Inspection:** Periodically inspect the brackets and mounting bolts for any signs of loosening, corrosion, or damage. Re-tighten bolts as necessary.
- **Corrosion Prevention:** While the brackets are anti-rust, prolonged exposure to salt or extreme moisture may require additional protective measures, such as applying a rust inhibitor if the coating is compromised.

ALL WEATHER USE

ANTI-RUST MATERIAL, ADAPT TO ALL KINDS OF BAD WEATHER



Image 4.1: The brackets are designed for all-weather use, adapting to various challenging conditions.

5. TROUBLESHOOTING

If you encounter issues during or after installation, refer to the following common troubleshooting tips:

- **Issue: Hood does not close properly or interferes with the bracket.**

Solution: Ensure the bracket is seated correctly between the hood hinge and the bolts. Double-check that the hood hinge bolts are fully tightened. Verify that the hood alignment is correct after installation. Some vehicle trims may require minor adjustments or professional installation if persistent interference occurs.

- **Issue: Rubber seal along the fender is bent or damaged.**

Solution: This can occur if the bracket is not perfectly aligned or if the hood is not properly seated. Re-check the bracket's position and ensure it does not put undue pressure on the seal. Adjust the bracket's placement slightly if possible, or consult a professional if the issue persists, as improper alignment can lead to water ingress.

- **Issue: Lights are not stable or vibrate excessively.**

Solution: Ensure all mounting hardware for both the bracket and the light pod itself is securely tightened. Verify that the bracket is firmly attached to the hood hinge and that there is no play in the connection.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	TEHPICCO
Model Number	Tacoma 2024-2025
Material	Alloy Steel (5mm stainless steel)
Finish	Black (2-stage texture powder coated)
Mounting Type	Vehicle Mount
Item Weight	699 g
Item Depth	0.20 inches
Compatibility	Toyota Tacoma 2024-2025

7. WARRANTY AND SUPPORT

Specific warranty information for the TECHPICCO Ditch Light Brackets is not provided in this manual. For details regarding product warranty, returns, or technical support, please refer to the product listing on the retailer's website or contact TECHPICCO customer service directly through their official channels.

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