

## SOCAL-LED LIGHTING TK102

# SOCAL-LED LIGHTING H7 LED Adapter Headlight Bulb Holder Retainer Clip TK102 Instruction Manual

Brand: SOCAL-LED LIGHTING | Model: TK102

## 1. PRODUCT OVERVIEW

### 1.1 Description

The SOCAL-LED LIGHTING H7 LED Adapter Headlight Bulb Holder Retainer Clip (Model TK102) is designed to facilitate the installation of aftermarket H7 LED headlight conversion kits. This adapter ensures that the LED bulb is securely and firmly placed within the original headlamp housing without requiring modifications to the vehicle's original socket. It is supplied as a pack of two adapters.

### 1.2 What's in the Box

- 2 x H7 LED Adapter Headlight Bulb Holder Retainer Clips (Model TK102)

### 1.3 Key Features

- Designed for H7 Halogen to LED conversion kits.
- Allows firm and quick installation of LED bulbs.
- No destruction of the original socket required.
- Compatible with specific vehicle models including Benz C, ML, CLK, GLA, GL, GLS Class (Low Beam), 2009 Ford Edge, and BMW 5 Series X5.

## 2. COMPATIBILITY

This H7 LED adapter is designed for specific vehicle models. It is crucial to verify compatibility with your vehicle's existing headlight bulb retainer before purchase and installation. The adapter is known to fit:

- Benz C, ML, CLK, GLA, GL, GLS Class (Low Beam)

- 2009 Ford Edge
- BMW 5 Series X5

**Important: Always compare the adapter on your car with the product images to ensure it is the correct type for your specific model and year, as different adapters are available for various car models.**

### 3. INSTALLATION INSTRUCTIONS

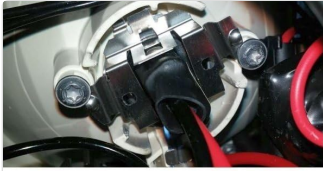
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Follow these steps to install your H7 LED adapter and headlight bulb:

1. **Remove Existing Halogen Bulb:** Carefully remove the original H7 halogen bulb from your vehicle's headlight assembly. Disconnect any wiring.
2. **Prepare the LED Bulb:** Separate the base from your new H7 LED bulb, if applicable.
3. **Attach Adapter to LED Bulb Base:** Place the TK102 adapter onto the base of your H7 LED bulb. Ensure it sits securely.
4. **Insert Adapter and Base into Headlight Housing:** Insert the LED bulb base with the attached adapter into the headlight housing. Twist to lock it into place.
5. **Insert LED Bulb:** Once the adapter and base are secured, insert the LED bulb into the base and twist to lock it.
6. **Connect Wiring:** Connect the LED bulb's wiring to your vehicle's headlight harness.
7. **Test Functionality:** Before reassembling the headlight, test the LED lights to ensure they function correctly.



Image 1: Two SOCAL-LED H7 adapter clips, showing their design for securing LED bulbs.



Prior purchase, please make sure on the back of your headlamp, there are (2) screws holding the OEM bulb retainer in order to use this product.



Image 2: A diagram illustrating the correct installation method for the H7 adapter (top) versus an incorrect method (bottom), highlighting the importance of proper screw alignment.

### 3.1 Installation Videos

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Video 1: A demonstration of installing an H7 LED headlight bulb adapter. This video shows the process of removing a halogen bulb, attaching the adapter to an LED bulb, and securing it in the headlight assembly.

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Video 2: A short video illustrating the proper method for securing an H7 LED adapter and bulb into a headlight housing. It highlights the twisting motion required for a firm fit.

## 4. OPERATION

The H7 LED Adapter Headlight Bulb Holder Retainer Clip is a passive component. Once correctly installed, it securely holds the H7 LED bulb in place within the headlight assembly, ensuring proper beam pattern and preventing movement. There are no active operational controls for this component.

## 5. MAINTENANCE

This product requires minimal maintenance. Periodic inspection is recommended to ensure the adapter remains securely fastened and free from corrosion or damage. If any damage is observed, replace the adapter immediately to maintain headlight integrity.

## 6. TROUBLESHOOTING

### 6.1 Fitment Issues

If the adapter does not fit correctly, or the LED bulb is not held firmly:

- **Verify Compatibility:** Double-check that the TK102 model is indeed the correct adapter for your specific

vehicle's make, model, and year. Compare your original adapter with the product images.

- **Inspect Original Housing:** Ensure there are two screws holding the OEM bulb retainer on the back of your headlamp, as this product is designed for such configurations.
- **Minor Adjustments:** In some rare cases, minor adjustments or sanding of the adapter might be necessary to achieve a perfect fit, depending on the specific LED bulb and headlight housing tolerances. Exercise caution if attempting modifications.

## 6.2 Loose Bulb

If the LED bulb feels loose after installation, ensure the adapter is fully twisted and locked into the headlight housing. Also, confirm that the LED bulb itself is properly seated and locked into the adapter.

## 7. SPECIFICATIONS

Specification	Detail
Brand	SOCAL-LED LIGHTING
Model	TK102
Specific Uses For Product	H7 Bulb
Item Package Quantity	2
Auto Part Position	Front
Item Weight	0.352 ounces
Product Dimensions	4.5 x 3 x 0.5 inches
Manufacturer Part Number	LRH7-T05
UPC	732341335717

## 8. WARRANTY AND SUPPORT

SOCAL-LED LIGHTING offers a hassle-free return/replacement policy. If you encounter any issues with your product, please contact customer support directly for assistance. Refer to your purchase documentation for specific warranty terms and contact information.