

# Quadratec® Replacement LED Tail Lights & Flashers

Installation Manual: Tail Lights and Flasher Control Units

#55213.XXXX



## PARTS LIST:

LED Replacement Tail Lights - QTY 2  
Replacement/Trailer Flasher - \*QTY 1  
\*Varies by Year and Model

## REQUIRED TOOLS:

Safety Glasses  
Phillips Head Screwdriver  
3/8" Socket & Ratchet Driver

### **⚠ WARNING ⚠**

**TO REDUCE RISK OF SERIOUS INJURY OR PROPERTY DAMAGE: READ ALL SAFETY MESSAGES AND UNDERSTAND ALL INSTRUCTIONS AND PROCEDURE NOTICES BEFORE ATTEMPTING TO INSTALL OR USE THIS PRODUCT. FOLLOW ALL INSTRUCTIONS AND WARNINGS WITH PRODUCT & VEHICLE OWNERS MANUAL.**

### **⚠ WARNING ⚠**

**RISK OF EYE INJURY! SAFETY GLASSES MUST BE WORN AT ALL TIMES WHILE INSTALLING OR MAINTAINING THIS PRODUCT.**

### **NOTICE**

**ALWAYS VERIFY THE LOCATION OF ALL ELECTRICAL COMPONENTS IN YOUR VEHICLES OWNER'S MANUAL. THESE INSTRUCTIONS ARE MEANT AS A GUIDE BUT SOME COMPONENT LOCATIONS AND WIRING CAN VARY BETWEEN VEHICLE PRODUCTION DATES AND MODEL YEARS.**



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**A Few Words About Product Safety:**

Your Tail Lights are intended to enhance the looks and visibility of your off road capable vehicle. Before installation, please take a moment to review the following safety information

and installation instructions. Important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

<b>⚠ WARNING ⚠</b>	a hazardous situation which, if not avoided, could result in death or serious injury. You CAN be KILLED or SERIOUSLY HURT if you don't follow instructions.
<b>⚠ CAUTION ⚠</b>	a hazardous situation which, if not avoided, could result in minor or moderate injury. You CAN be moderately HURT and also may suffer property damage if you don't follow instructions.
<b>NOTICE</b>	Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your Quadratec® product or other property may result if you don't follow instructions.

**Before You Begin Installation:**

Congratulations on your purchase of Quadratec LED Style Replacement Tail Lights. Because of the similarity of the taillight design over several generations of Jeep Vehicles, this set of instructions covers installation of several different years and models. The installation of the flasher control unit varies by generation of Jeep vehicle. Always verify the location of all electrical components in your vehicle's original owner's manual. These instructions are meant as a guide but some component locations and wiring can vary between vehicle production dates and model years. These LED Compatible Flasher also doubles as a Heavy Duty Trailering Flasher. This allows proper flasher operation with most trailer lights.

Please check to make sure all parts are included and not damaged due to shipping. If any part is missing or broken, please call Customer Service at 800-745-6037 as soon as possible. Thank you again for your purchase.



Flasher Solenoids: (vary by model)



for '76-'95 YJ & CJ



for '96-'00 Early TJ



for '01-'06 Later TJ



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**Tail Light Installation:**



*Before you begin installation, put on safety glasses. Start by removing 4 phillips screws.*



*Remove tail light lens as shown in figures 1 and 2.*



*Figure 3: Remove the 3 socket headed screws that attach the taillight to the body of the vehicle using a 3/8" socket.*

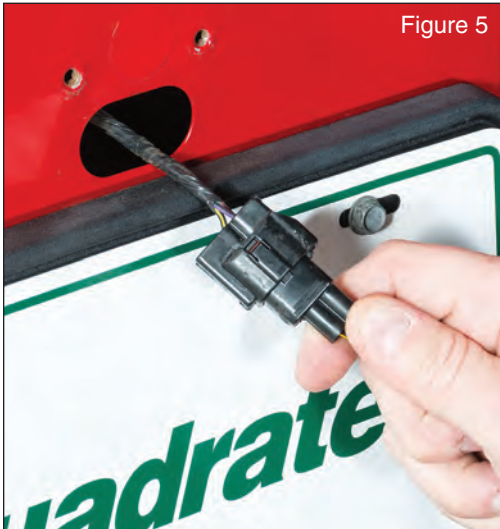


*Figure 4: Gently pull the light housing away from the body.*



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### Tail Light Installation:



Unplug the taillight harness from the vehicle wiring harness. It may be necessary to remove tape from this connection first. The plug on your harness may look different from version shown here.



On some vehicles it may also be necessary to reach up in to the wheel well behind the taillight in order to access the harness connector.



### New Tail Light Installation:

Installation is the reverse order of the steps above. Remove the 4 screws and lens on your new Quadratec LED taillight. Plug your new Quadratec LED taillight into the vehicle wiring harness.

Install the new taillight to the vehicle using the original factory screws. Install the screws by hand and then snug the screws using a 3/8" socket.

Note: Be careful not to pinch any wiring when tightening the screws. Reinstall the lens and the 4 screws. The tail light install is now complete.

**⚠ CAUTION ⚠**

**ALWAYS CHECK TAIL LIGHT FUNCTION BEFORE DRIVING!**



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## Flasher Installation for '01-'06 Wrangler (Late TJ)



*Remove 2 Phillips screws on the bottom of the steering column. Lower the tilt*



*steering wheel if equipped. Remove plastic upper steering column cover.*



*Locate Flasher Assembly. Remove the original factory flasher. Take note of the pin orientation for*



*installation of the new flasher module. Orient flasher blades as shown and install the new Flasher module. Test the*



*turn signals and flashers. Reinstall Cover. Make sure to align rubber stalk boots in the groves on the upper and*



*lower steering column covers, and lastly replace the (2) phillips head screws under the steering column (see Fig.8)*



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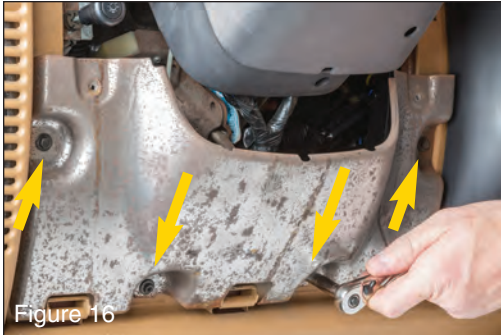
## Flasher Installation for '97-'00 Wrangler (Early TJ)



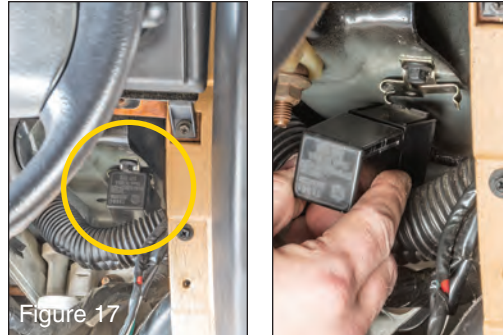
First, remove 2 phillips screws from lower dash panel and remove the plastic



trim panel to expose the metal shield.



Remove 4 socket headed screws with a 7mm socket from the metal shield.



Locate the factory flasher unit. It may be partially hidden behind a hose



or wiring loom. Remove Relay from the retaining bracket and unplug it from the wiring harness. Plug in new Relay and clip it back into the retaining bracket or securely fasten it using a cable tie. Test



turn signals and hazard flashers. Reinstall the metal shield with the 4 factory fasteners. Finally, reinstall the plastic lower dash panel with the (2) Phillips screws from Fig.14.



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## Flasher Installation for CJ & '87-'95 YJ Wrangler



Figure 20

Locate the fuse panel in the driver side foot well of the vehicle. Identify the round Turn Signal Flasher in the upper right of the fuse panel. In most cases the factory flasher is light blue in color.

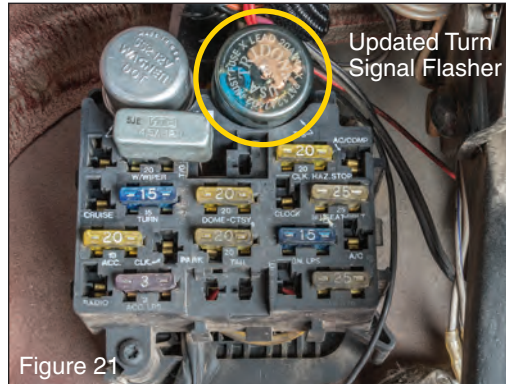


Figure 21

There is a second flasher unit that is used for the hazards. This is the unit on the left. Do not replace this unit. Remove only the right hand flasher and install new replacement.

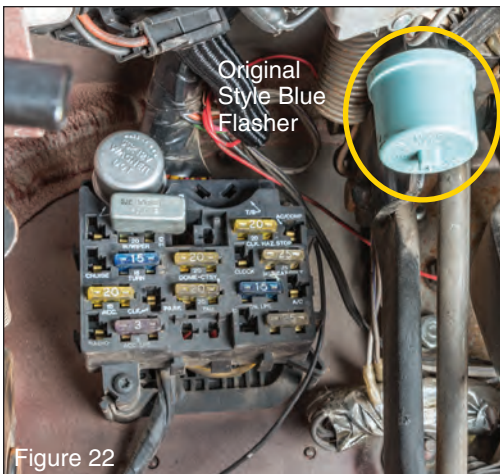


Figure 22

In some CJ models the Turn Signal relay is not located in the Fuse panel. The relay is hanging in a separate harness under the dash near the fuse panel. In most cases, if it is the original it should be blue in color.

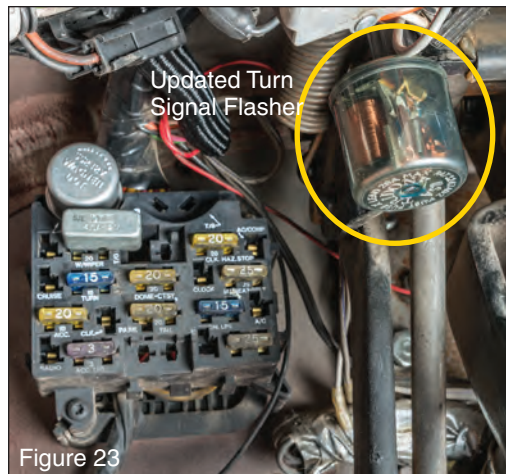


Figure 23

Remove the relay and replace it with the new LED compatible relay.

Test the turn signals right away. If operation is normal, installation is complete.



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Your Quadratic® branded accessories are covered by the following **Limited Warranty** provided exclusively by Quadratic, Inc., 1028 Saunders Lane, West Chester PA 19380.

This **Limited Warranty** is the only warranty made in connection with your purchase. Quadratic neither assumes nor authorizes any vendor, retailer or other person or entity to assume for it any other obligation or liability in connection with this product or **Limited Warranty**. This **Limited Warranty** does not apply and is not cumulative to any accessory or part distributed by Quadratic for which the Manufacturer provides a separate written warranty.

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5.13.15 LTR Version

Part #12999.3009



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