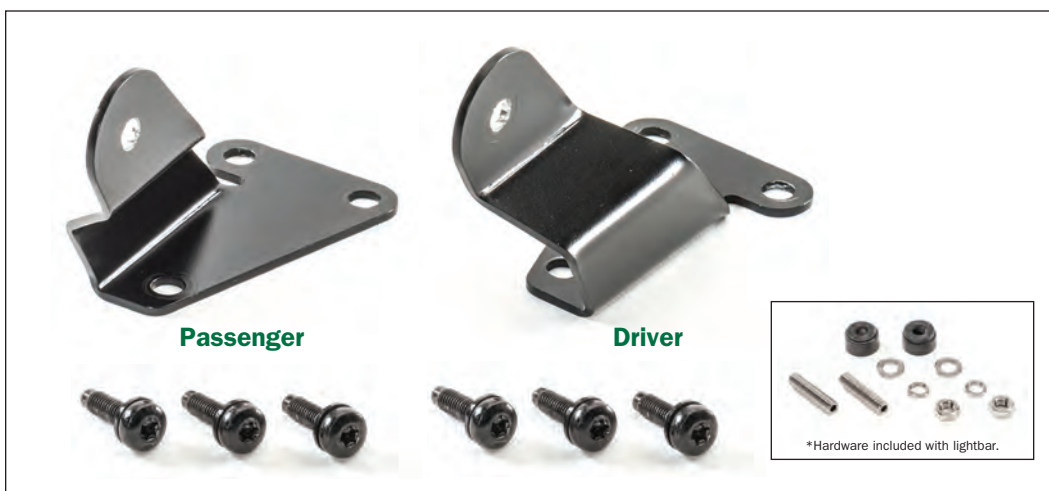


TJ Hood Mount Light Bar Mounting Brackets

For 97-06 Wrangler TJ and Unlimited Vehicles: #97109.2001



PARTS LIST:

Hood Light Mounting Brackets - QTY 2
T40 Torx Head Bolts & Washers - QTY 6
*Hardware included with lightbar.

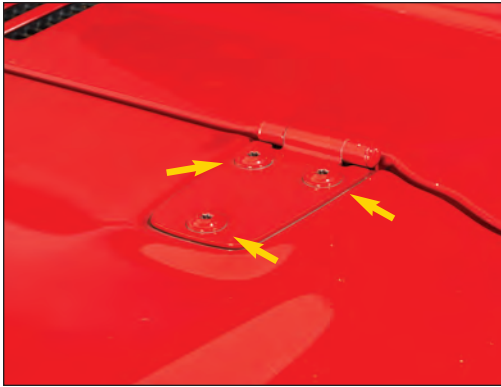
REQUIRED TOOLS:

Safety Glasses
4mm Hex/Allen Key
T40 Torx Key
T40 Torx Bit Socket
Ratchet Driver



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Bracket Installation:



Put on Safety Glasses. With the hood securely latched in place, locate the three T40 Torx bolts on both hood hinges and remove them using a T40



Torx bit and ratchet. (it may be necessary to score the paint around the bolts using a razor blade to prevent paint chipping.)



With the Factory bolts removed install the Driver and Passenger brackets as shown with the supplied M8 T40 Torx



bolts and nylon washers. Snug but do not fully tighten the bolts using a T40 Torx bit or key.



On the Passenger side of the light bar, install one of the M8 studs (supplied with Quadratec light bar) using a 4mm hex key. Also install one of the supplied spacers on the stud.



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Lightbar Installation:



While supporting the light bar pass the stud through the hole on the Passenger side hood bracket and secure it with a washer, split washer, and nut. Tighten using a 13mm wrench.



Install the spacer between the bracket and lightbar and install stud through the bracket using a 4mm hex key. Install the washer, split washer and nut and tighten with the 13mm wrench as shown above left.



Fully tighten the hood fasteners at this point with a T40 key.



Adjust lightbar to the desired angle, then and tighten the nuts with a 13mm wrench.

Fully tighten all bracket hardware to complete installation.



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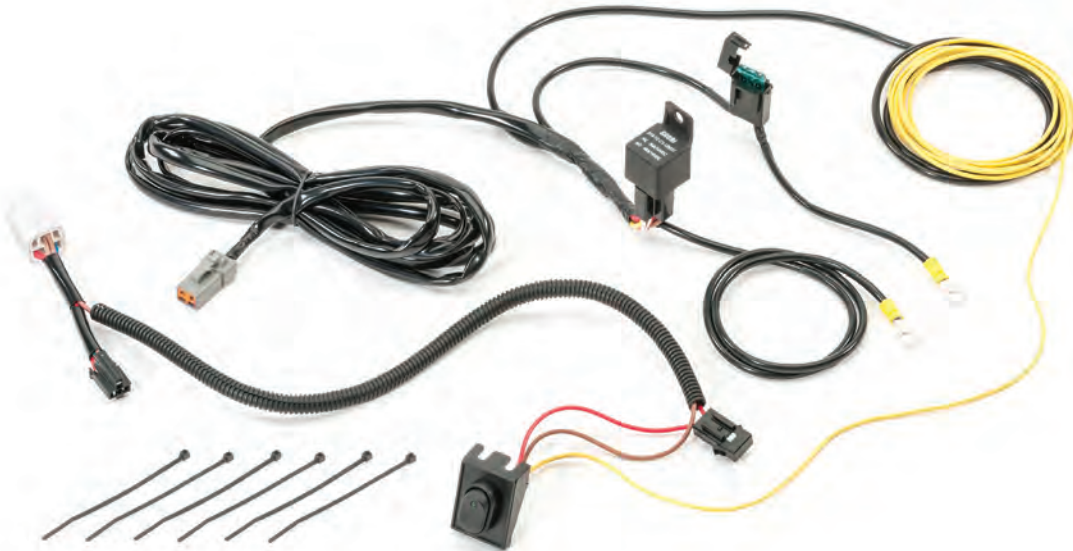
Part #12999.3033



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Quadratec® Auxillary Light Harness

**Installation Manual: Wiring Harness for
Auxillary Lights and Light Bars #97109.0911**



PARTS LIST:

Wiring Harness - QTY 1
Power Tap Harness - QTY 1
Light Switch - QTY 1
Zip/Cable Ties - QTY 6

REQUIRED TOOLS:

Safety Glasses

⚠ 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 wiring harness is intended to enhance the function 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:

⚠ WARNING ⚠

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.

⚠ CAUTION ⚠

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.

NOTICE

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.

Wiring Harness Installation:

⚠ CAUTION ⚠

IF YOU ARE NOT FAMILIAR WITH 12V AUTOMOTIVE ELECTRICAL SYSTEMS CONSULT A TRAINED AUTOMOTIVE TECHNICIAN.

⚠ CAUTION ⚠

DO NOT EXCEED 320 WATTS MAXIMUM DRAW ON THIS SINGLE CIRCUIT HARNESS.

⚠ CAUTION ⚠

DISCONNECT VEHICLE NEGATIVE BATTERY TERMINAL AND REMOVE BOTH FUSES (B & L) FROM ACCESSORY HARNESS BEFORE INSTALLATION.

⚠ CAUTION ⚠

MAKE SURE ALL WIRES ARE KEPT AWAY FROM MOVING PARTS OR EXHAUST COMPONENTS. USE THE SUPPLIED CABLE TIES TO SECURE WIRES PROPERLY.

Before you begin installation, put on safety glasses. Disconnect vehicle negative battery cable and both fuses (B & L) from this harness before installation.

Run the yellow trigger wire (D) along the firewall and pass it through the firewall on the drivers side. Use the supplied zip ties (E) to secure the wire.

Connect the positive lead (A) on the harness to the positive terminal of your battery. This is the lead on the harness that has the 30/40amp fuse holder.

Run the lead with the large Deutsch connector (F) to the desired light mounting location. (hood, bumper, windshield hinge mount, etc)

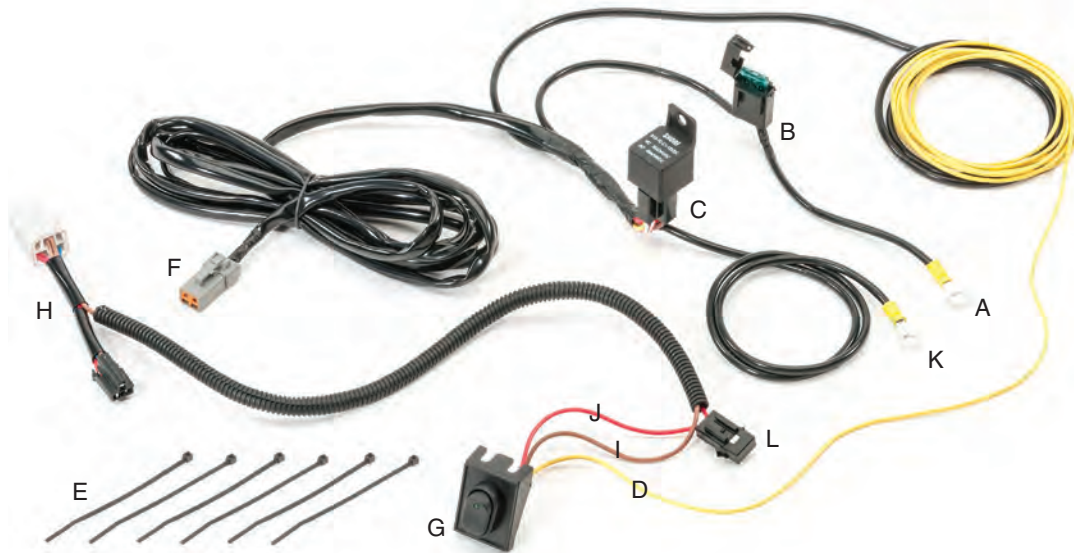
Secure the harness relay (C) to the firewall of the vehicle. On many models the post that secures the factory wiring harness can be used.

Locate a desired mounting location for the switch (G) inside the vehicle. The switch can be used with or without the included mounting plate.



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Wiring Harness Installation:

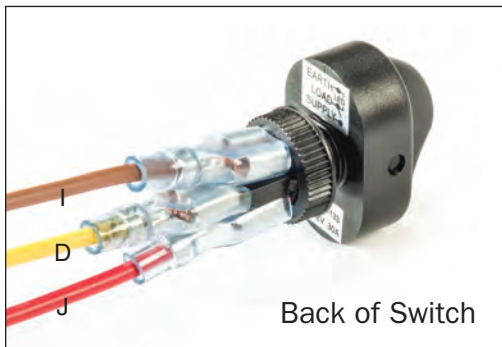


HARNESS COMPONENTS

- | | | |
|-----------------------------|----------------------------|-----------------------------------|
| A.) Positive Lead | E.) Zip/Cable Ties - QTY 6 | I.) Brown Power Tap (Ground) Wire |
| B.) 30/40 Amp Fuse & Holder | F.) Deutsch Connector | J.) Red Power Tap (Positive) Wire |
| C.) Harness Relay | G.) Control Switch | K.) Negative Lead |
| D.) Yellow (Trigger) Wire | H.) Tap Harness | L.) 5 Amp Fuse & Holder |

A 12mm hole can be drilled in an interior panel to mount the switch directly to it using the supplied plastic jam nut.

Locate the vehicle's ignition on 12v power outlet (cigarette lighter). Connect the tap harness (H) in-line with the vehicle power outlet harness.



Connect the wires to the interior switch (G) as shown : (I) brown (ground/earth) to the top post. Yellow (D) (trigger wire) to the center post. Red (J) (positive from outlet harness) to the lower post.

Connect the vehicle negative battery cable and negative (ground/earth) connection from the accessory harness to the negative battery terminal.

Connect the Deutsch connector to your light. Replace both fuses on the accessory harness, switch on the vehicle ignition and test the system.

Visit www.quadratec.com for more information. Search for: **97109.0911**



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