# **Quadratec® Auxillary** Light Harness

Installation Manual: Wiring Harness for Auxillary Lights and Light Bars #97109.0910



## PARTS LIST:

Wiring Harness - QTY 1 Power Tap Harness - QTY 1 Light Switch - QTY 1 Zip/Cable Ties - QTY 6 **REQUIRED TOOLS:** Safety Glasses





## **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:

	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>ACAUTION A</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.
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:

<b>ACAUTION A</b>	IF YOU ARE NOT FAMILIAR WITH 12V AUTOMOTIVE ELECTRICAL SYSTEMS CONSULT A TRAINED AUTOMOTIVE TECHNICIAN.
<b>ACAUTION A</b>	DO NOT EXCEED 250 WATTS MAXIMUM DRAW OR 125 WATTS PER CIRCUIT / PER DEUTSCH CONNECTOR
<b>ACAUTION A</b>	DISCONNECT VEHICLE NEGATIVE BATTERY TERMINAL AND REMOVE BOTH FUSES (B & L) FROM ACCESSORY HARNESS BEFORE INSTALLATION.
<b>ACAUTION A</b>	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.

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.

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.

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.

Run the leads with Deutsch connectors (F) to the desired light mounting locations. (hood, bumper, windshield hinge mount, etc)

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



### Wiring Harness Installation:



#### HARNESS COMPONENTS A.) Positive Lead

- B.) 30/40 Amp Fuse & Holder
- C.) Harness Relay
- D.) Yellow (Trigger) Wire
- G.) Control Switch
  - H.) Tap Harness

E.) Zip/Cable Ties - QTY 6

F.) Deutsch Connectors

J.) Red Power Tap (Positive) Wire K.) Negative Lead

I.) Brown Power Tap (Ground) Wire

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 connectors to your lights. Replace both fuses (B and L) on the accessory harness, switch on the vehicle ignition and test the system.

Visit **www.quadratec.com** for more information. Search for: **97109.0910** 



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This **Limited Warranty** is not assignable and shall terminate upon sale of the vehicle upon which the Quadratec accessory is installed or other transfer third persons.

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