



INSTALLATION INSTRUCTIONS

IDL0701S / IDL0701C

SCOPE 7" SPOT AND COMBO DRIVING LIGHTS
Parts List, Specifications and Wiring Guide



NOTE

Some images contained in these instructions are generic and are a representation of the actual model and/or parts used. Some steps may also show parts out of sequence to the instructional steps.



1 Hour
Approximately



SAFETY WARNING

IRONMAN 4X4 requires you read and understand the safety and pre-install directions on page 2 before commencing installation of this product.

Document No: IDL0701S_IDL0701C/280825

**Auto electrical work should be carried out
by a competent person**

PRE-INSTALLATION INFORMATION



SAFETY WARNING

- It is always good practice to disconnect the battery while working on 12 Volt systems.
Please check the owner's manual for vehicle-specific requirements as some models may need battery backup.
- Auto electrical work should be carried out by a competent person. Vehicle wire colours are listed as a guide only and may vary on some makes and models.
- The function of each wire should be checked before any connections are made. All wires tapped into should be soldered and then insulated with electrical tape or heat shrink.
- Grounding/Earth points must always be connected to the factory grounding points, not to the battery negative terminal. See owner's manual.
- Using only a LED test light, test all electrical components of the vehicle before and after wiring. This is to ensure everything works correctly.
- Always use rubber grommets as conduit when passing any wires through metal panels. This prevents rubbing and possible shorts.
- All wiring and harnesses should be neatly cable tied and free from sharp edges or moving parts.
- All wiring in the following diagram is coloured and labelled for easy identification. Use the diagram as a guide.



NOTE

- Only a competent person should perform accessory installations. It is the responsibility of this person to ensure correct fitment and watertight connections.
- Whilst working on this vehicle, always use appropriate safety equipment.
- Read and understand instructions fully before commencing fitment.
- Check the hardware supplied against the contents list on the following pages.
- This product and or hardware must not be modified in any way. Do not remove labels from this product.
- Instructions are correct at the time of publication date and IRONMAN 4X4 cannot be held responsible for any vehicle changes from the manufacturer. It is the responsibility of the installer to ensure correct fitment.
- For any questions or diagnostic issues, please contact IRONMAN 4X4 Technical Support on 1300 731 137 or technical@ironman4x4.com.

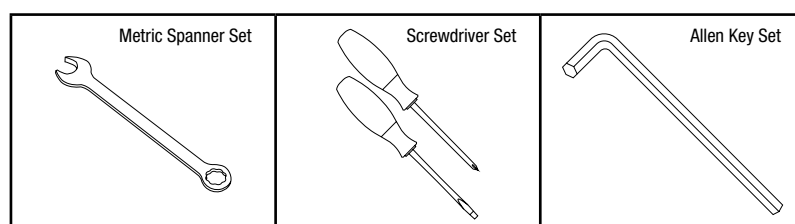
Please ensure you quote the part number, vehicle make, model and year of manufacture when emailing your enquiry.



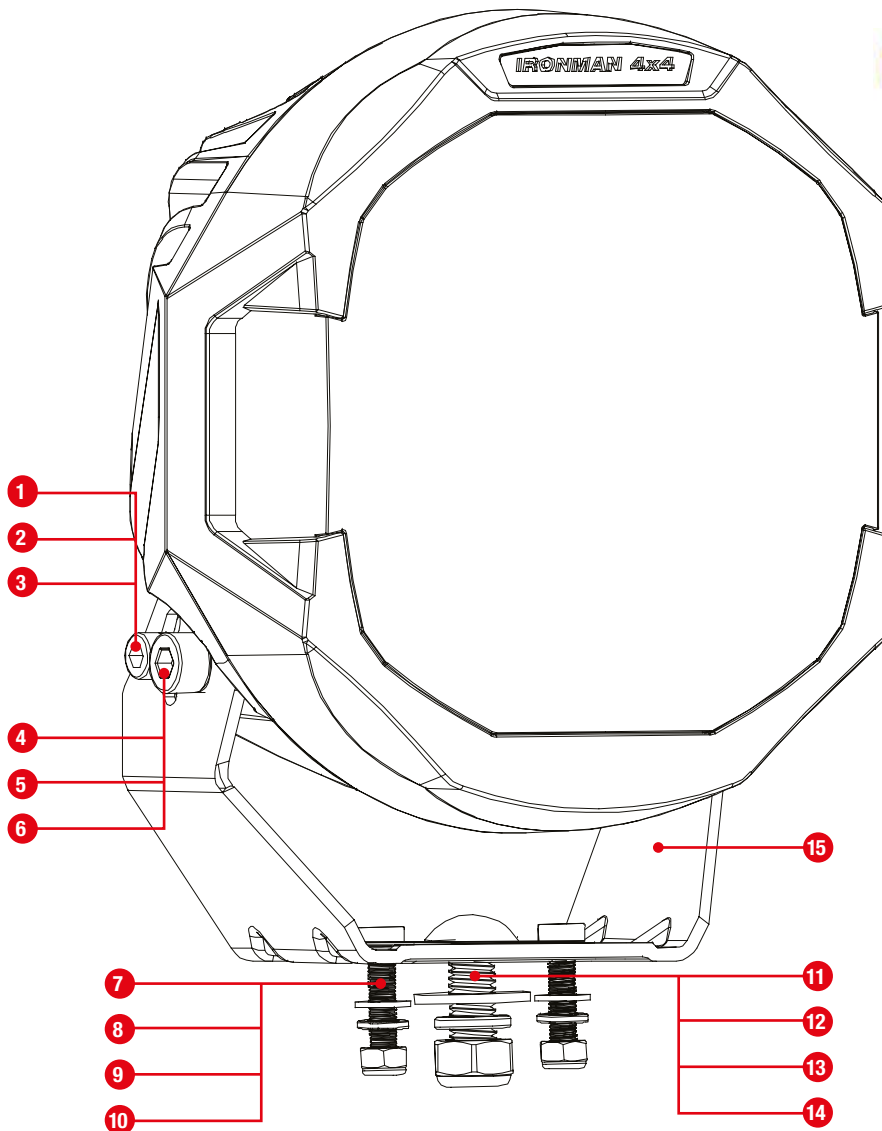
CARE INSTRUCTIONS

- To maintain the finish of the product, wash regularly using a PH neutral car wash, hose off and chamois dry.
- Do not use acidic or alkaline cleaners.
- Plastic components can be maintained with a silicone spray or similar (non-acidic or alkaline based).

TOOLS REQUIRED FOR INSTALLATION



PARTS LIST OVERVIEW

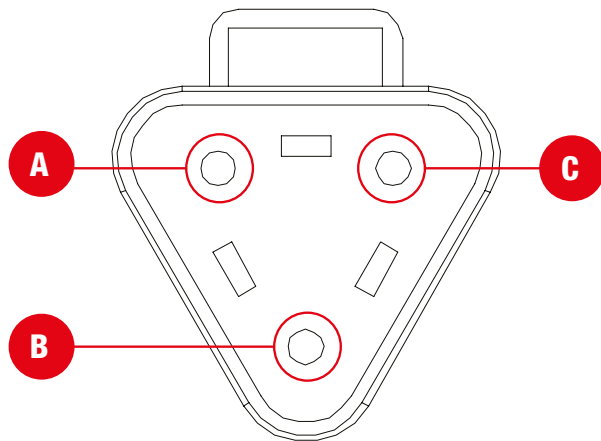
**IMPORTANT NOTE**

IRONMAN 4X4 recommends adding an anti-seize compound to all nuts before tightening

- | | |
|---|---|
| 1 2 x M6 Stainless Steel Washer (Ø=12mm T=1.0mm) | 9 2 x M6 Stainless Steel Spring Washer |
| 2 2 x M6 Stainless Steel Spring Washer | 10 2 x M6 Stainless Steel Nyloc Nut |
| 3 2 x M6 20mm Stainless Steel Bolt | 11 1 x M10 30mm Stainless Steel Bolt |
| 4 2 x M8 20mm Stainless Steel Bolt | 12 1 x M10 Stainless Steel Washer (Ø=25mm T=1.5mm) |
| 5 2 x M8 Stainless Steel Spring Washer | 13 1 x M10 Stainless Steel Spring Washer |
| 6 2 x M8 Stainless Steel Washer (Ø=16mm T=1.2mm) | 14 2 x M6 Stainless Steel Nyloc Nut |
| 7 2 x M6 25mm Stainless Steel Bolt | 15 Stainless Steel Bracket |
| 8 2 x M6 Stainless Steel Washer (Ø=12mm T=1.0mm) | |

Any damage or losses caused by improper installation and application, goes beyond our quality warranty.

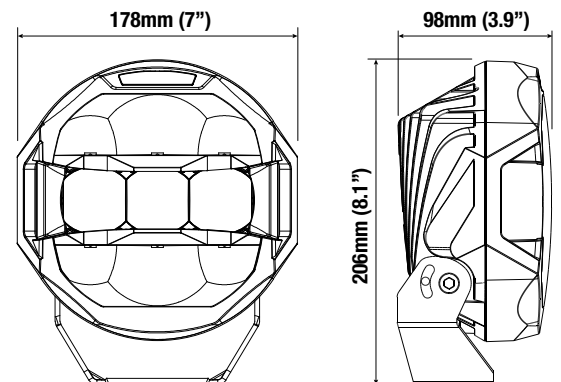
WIRING GUIDE



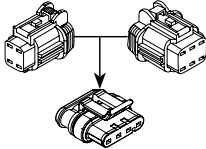
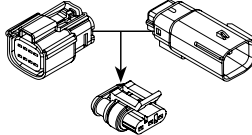
- A** Red Wire
Main Lamp Positive (+)
- B** White Wire
Positional Lamp Positive (+)
- C** Black Wire
Negative (-)

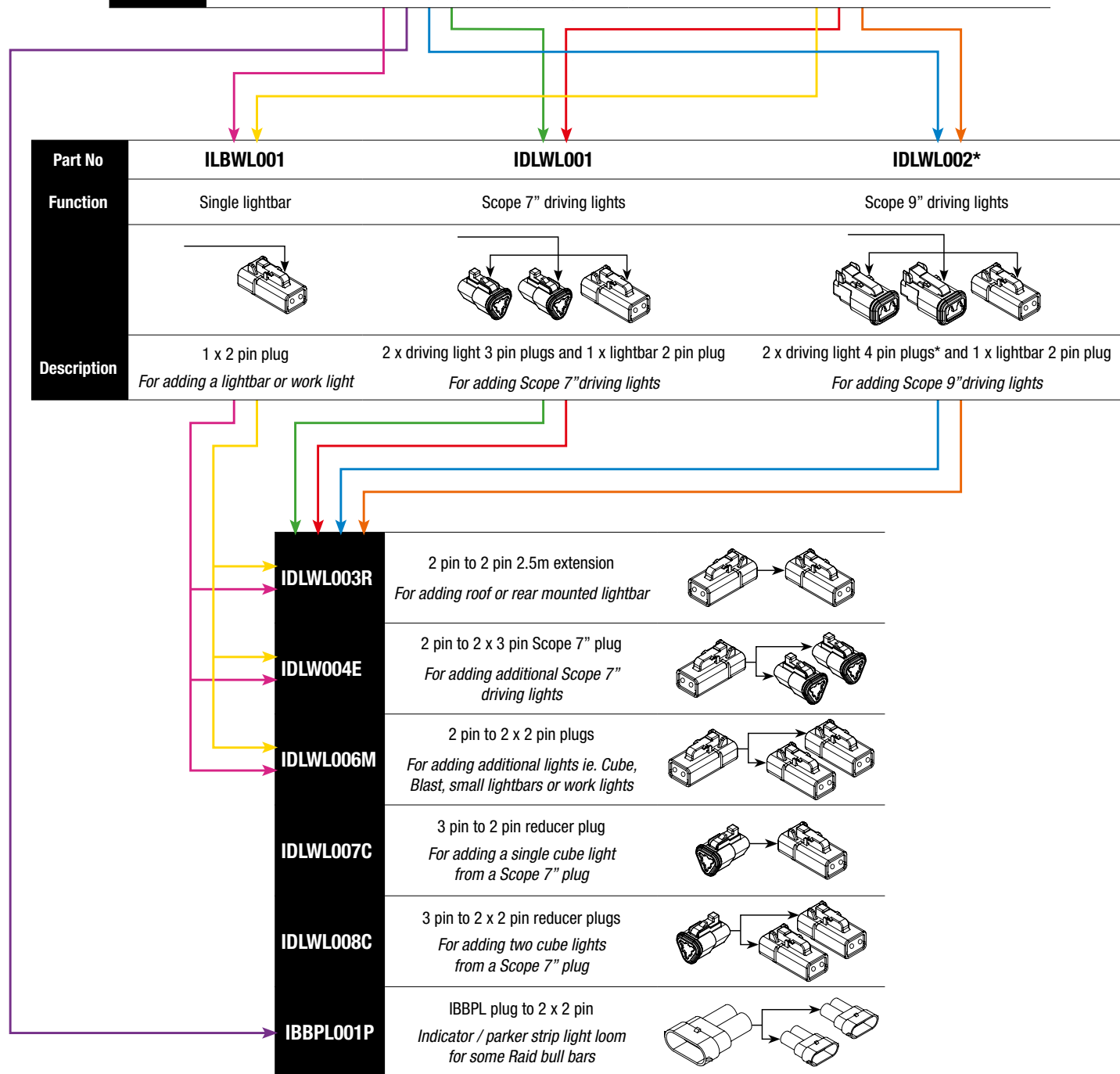
TECHNICAL SPECIFICATIONS

Beam Pattern	Spot or Combo
Power Rating	100W
Voltage	10-32V DC
LED Chip	OSRAM
Lumens	8,100
Colour Temperature	5700K
Operating Temperature	-40°C - 85°C (-40°F - 185°F)
Connector	Deutsch 3 pin
IP Rating	IP68
LUX	1 LUX @ 550m / 1,804' (single combo beam) 1 LUX @ 700m / 2,296' (single spot beam)
Weight	2.5kg (approximate)
Warranty	3 Years



WIRING LOOM – GENERIC ADD ONS

Part No	IBBPL	IPLS
Function	Bull bar parker / indicator and high beam trigger	High beam trigger
		
Description	Vehicle specific XX pin to 3 pin plug Plug and play connection for bull bar indicators / parkers Allows for expansion with cube lights, driving lights or lightbars	Vehicle specific XX pin to 3 pin plug Allows for expansion of adding additional lights



* Important Note: Scope 9" driving lights require 1 x IDLWL002 loom for each pair added to a vehicle