

Part No. 74409

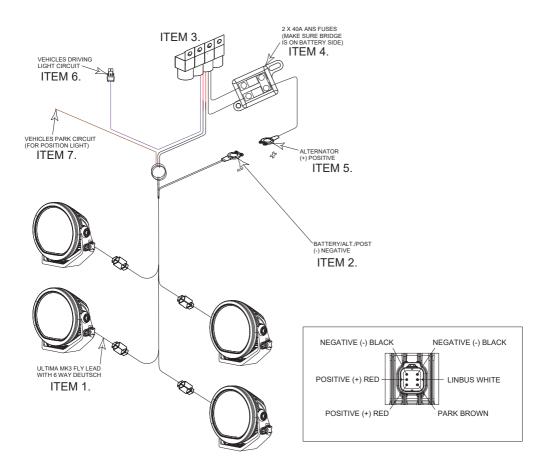
# ULTIMA MK3 12V 4 LAMP WIRING HARNESS INSTRUCTIONS AND SPECIFICATIONS



# **IMPORTANT SAFETY INFORMATION**

Please read these instructions carefully before installation.

# **WIRING INSTRUCTIONS**



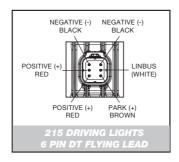
### WIRING HARNESS USING RELAY

#### WARNING:

One wiring harness to be used per 4 driving lights. Under current ADRs, vehicles can only be fitted with six forward-facing lamps. Additional lights connected to the same wiring harness can cause wiring and fuse to overload. MK3 215 Spot (P/No. 71745) can draw up to 23Amps of current at 10V per lamp, ensure wiring, fuse and relay used can handle high current and temperature depending on the length.

- Connect Loom 6PIN DT connectors to MK3 Driving Light DT flying lead sockets. (ITEM 1.).
- 2. Fix Loom ground cable to chassis or battery/alternator/ground point (-). (ITEM 2.).
- 3. Mount 4 x relay (ITEM 3.) and fuse holder (ITEM 4.)(Ensure these are mounted in a dry area of the engine bay).
- 4. Check ANS fuses (2x 40Amp) are fitted securely in the ANS fuse holder and bridge between both fuses is fitted to the battery side. (ITEM4.)
- 5. Connect main positive cable with 2 x 40Amp fuses from Dual ANS fuse holder to vehicle alternator (+). (ITEM 5.)
- 6. Most vehicles will have a switch fitted for auxilary driving lights. For example, Kenworth vehicles have a connector in engine bay labelled "Driving Lights Left" or Driving Light Right". There is a 2 way Weatherpack connector labelled "High Beam/DL Switch" (ITEM 6.) Other vehicle brands may have a different connector which may need to be removed and another connector will be required to make this connection. This connector will usually be found behind one of the headlamps.
- 7. Connect the Brown wire labelled "VEHICLE POS. LAMP" (ITEM 7.) to vehicle park light circuit or ignition source (+).
- 8. Test the driving light by turning on the vehicle's park circuit and the Driving Light switch.

## 6-PIN DT FLYING LEAD WIRE SPECIFICATION



PIN 1 Negative Black 4MM (16AWG)

PIN 2 Linbus White 2.5MM (20AWG)

PIN 3 Park Brown 2.5MM (20AWG)

PIN 4 Positive Red 4MM (16AWG)

PIN 5 Positive Red 4MM (16AWG)

**PIN 6** Negative Black 4MM (16AWG)

#### WARRANTY STATEMENT

Brown & Watson International Pty Ltd ("BWI") of 1500 Ferntree Gully Road, Knoxfield, Vic., telephone (03) 9730 6000, fax (03) 9730 6050, warrants that all products described in its current catalogue will under normal use and service be free of failures in material and workmanship for a period of one (1) year from the date of the original purchase by the customer as marked on the invoice. This warranty does not cover ordinary wear and tear, abuse, alteration of products or damage caused by the purchaser. To make a warranty claim the consumer must deliver the product at their cost to the original place of purchase or to any other place which may be nominated by either BWI or the retailer from where the product was bought in order that the warranty assessment may be performed. The consumer must also deliver the original invoice evidencing the date and place of purchase together with an explanation in writing as to the nature of the claim. In the event that the claim is determined to be for a minor failure of the product then BWI reserves the right to repair or replace it at its discretion. In the event that a major failure is determined the consumer will be entitled to a replacement or a refund as well as compensation for any other reasonably foreseeable loss or damage. This warranty is in addition to any other rights or remedies that the consumer may have under State or Federal legislation.

#### **IMPORTANT NOTE**

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