

Part No. 74409 **ULTIMA MK3 4 LAMP WIRING HARNESS** INSTRUCTIONS AND SPECIFICATIONS



IMPORTANT SAFETY INFORMATION

Please read these instructions carefully before installation.

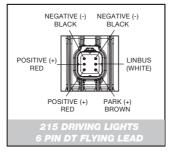
WIRING HARNESS USING RELAY

WARNING:

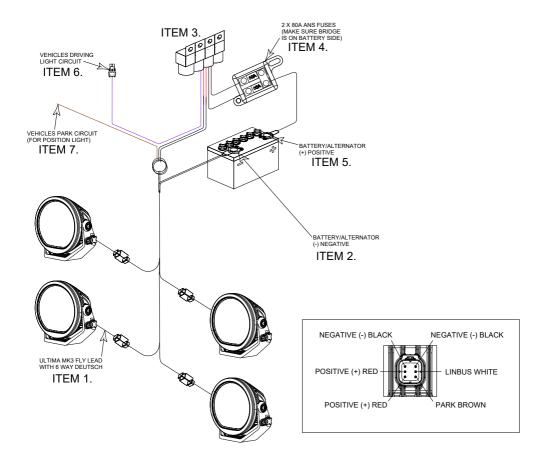
One wiring harness to be used per 4 driving lights. Under current ADRs, vehicles can only be fitted with six forward-facing lamps. Additional lights connected to the same wiring harness can cause wiring and fuse to overload. MK3 215 Spot (P/No. 71745) can draw up to 23Amps of current at 10V per lamp,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

- 1. 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 (-). (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). Find suitable area on vehicle dashboard to mount for 74408 Ultima Connect+ Control (ITEM 4.).
- 4. Check the nuts on ANS fuse holder posts with ANS fuse fitted are securely tightened and bridge between both fuses is fitted to the battery side. (ITEM4.)
- 5. Connect main positive cable with 2 x 80Amp fuses from Dual ANS fuse holder to battery (+). (ITEM 5.)
- 6. Most vehicles will have a switch fitted for auxilary driving lights. Please find connector in engine bay labeled "Driving Lights Left" or Driving Lights Right". There is a 2 way Weatherpack connector labeled "High Beam/DL Switch" (ITEM 6.) and has a violet and black wire. Some vehicles may have a different connector where this connector will 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 labeled "VEHICLE POS. LAMP" (ITEM 7.) to vehicle park light circuit or ignition source (+).
- 8. Test the driving light by turning on the vehicle's headlamps. The driving light should only illuminate on high beam.

6-PIN DT FLYING LEAD WIRE SPECIFICATION



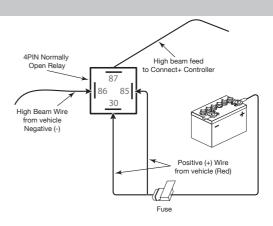
PIN 1 Negative Black 4MM (16AWG) **PIN 2** Linbus White 2.5MM (20AWG) **PIN 3** Park Brown 2.5MM (20AWG) PIN 4 Positive Red 4MM (16AWG)PIN 5 Positive Red 4MM (16AWG)PIN 6 Negative Black 4MM (16AWG)



NEGATIVE SWITCHING

For negative switched vehicles:

- Using a 4PIN normally open relay (Narva P/No. 68000), connect PIN 30 and PIN 85 to a constant +12V source with 5Amp inline fuse.
- 2. Connect negative (-) high beam wire from vehicle to PIN 86.
- 3. Connect PIN 87 to Connect+ Controller High beam feed.



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.

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