

Head Office: Australian & International enquiries

**LIGHTFORCE AUSTRALIA**

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**WARRANTY TERMS AND CONDITIONS**

**AUSTRALIA**  
LIGHTFORCE AUSTRALIA warrants to the PURCHASER that this product shall be free from defects in design, materials and workmanship, except as otherwise set forth herein, for a period of 3 years from the date of purchase. The onus of proof of the date of purchase shall lie upon the PURCHASER and if the PURCHASER cannot establish the purchase date by the appropriate documentary evidence, the purchase will be deemed to have taken place in excess of 3 years from the date upon which the defect occurred. The sole obligation of LIGHTFORCE AUSTRALIA shall be the repair or (at the absolute option of LIGHTFORCE AUSTRALIA) the replacement of the defective product or part. LIGHTFORCE AUSTRALIA shall have no other liability to the PURCHASER for any consequential loss including but not limited to loss of income, compensation for personal injury, or injury to property.

**INTERNATIONAL**  
Please consult place of purchase. PLEASE NOTE globes and batteries are not covered by warranty. A dated receipt of proof of purchase must be provided.

All warranties express or implied of merchantability, fitness for a particular purpose and other warranties of whatever kind are, to the extent permitted by law, hereby disclaimed. Claims under this warranty must be made in writing addressed to LIGHTFORCE AUSTRALIA Pty. Ltd., shall be not be liable for damage, malfunction, failure resulting from accident, misuse, misapplication, unauthorised repair, neglect, modification, unauthorised or non standard replacement parts, accessories, globes, batteries or voltage or the operation of the Product beyond its technical and environmental specifications.

The PURCHASER acknowledges that local laws may prohibit the use of some of the Product on motor vehicles travelling on public roads and agrees that it is his/her responsibility to ascertain the effect of local laws.

This warranty shall be only be carried or added to in writing by LIGHTFORCE AUSTRALIA Pty. Ltd., signed by its manager. No dealer or agent or representative of LIGHTFORCE Product has any authority to bind LIGHTFORCE AUSTRALIA Pty. Ltd. to any agreement or representation.

USA enquiries

**LIGHTFORCE PERFORMANCE LIGHTING**

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**LANCE HID  
STRIKER HID  
BLITZ HID**

**USER INSTRUCTIONS**

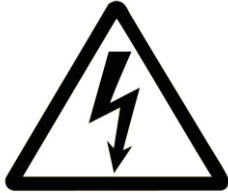
## INSTRUCTION DATA

PRODUCT: **LANCE HID  
STRIKER HID  
BLITZ HID**  
VER: **2.0**  
DATE: **JANUARY 2009**



## User Instructions

### SAFETY NOTES



**High voltage**

**DO NOT CUT ANY PART OF THE BALLAST OR BULB CABLES**

**DO NOT EXTEND THE CABLE BETWEEN THE BALLAST AND THE BULB**

**ALWAYS DISCONNECT POWER BEFORE DISASSEMBLY OF LIGHT**

**ALWAYS WEAR SAFETY GLASSES WHEN HANDLING ANY BULB**  
**DO NOT HANDLE THE GLASS SECTION OF BULB**

Handle the base of bulb only, if glass gets dirty then clean with Isopropyl Alcohol or Methylated Spirits.

**READ ALL INSTRUCTIONS BEFORE COMMENCING INSTALLATION**

### Box Contents

2x HID Lights  
2x Clear Filters (fitted to lights)  
2x HID Ballasts  
2x Loom adapters

1x Lightforce Sticker  
1x Lightforce Portable Lighting Catalogue  
1x User Instructions

### Specifications

#### Operating Voltage at Ballast

For 12V Light - 9-16VDC, Nominal - 12.8VDC  
For 24V Light - 21-29VDC, Nominal - 25.6VDC

#### Mounting Fastener Torque Specifications

All M10 bolts - 70Nm (50lb-ft)

#### Recommended Operating Temperature (ambient)

-40°C > +40°C MAXIMUM  
-40°F > +104°F MAXIMUM

### General Care and Safety Tips

**CAUTION: NEVER USE ANY SOLVENT BASED CLEANERS OR INDUSTRIAL DETERGENTS WHEN CLEANING YOUR LIGHTS.**

## Installation

### Tools Needed

17mm socket on ratchet x 2 or equivalent  
Torque wrench

### Mounting

Your HID light can be mounted with the bottom mount bracket fitted in either direction (i.e. rotated 180 degrees). If you find that you need to mount your light lower than our 'low mount' bracket can be purchased (part number #MVDL). This can also be turned 180 degrees for a greater offset than the standard 'high mount'

- Determine suitable mounting position
- Fit light into position
- Aim light (i.e. point straight ahead) then tighten both bolts as per recommended torque specifications (see **Specifications** section)

### Ballast Mounting

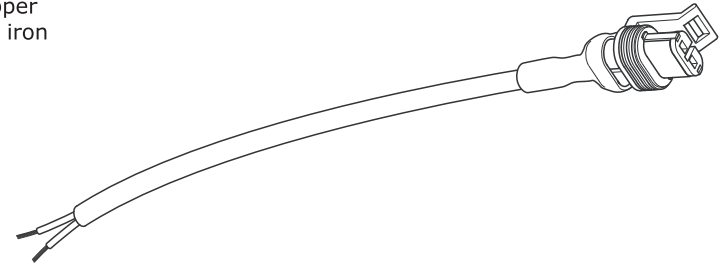
- Locate suitable position to mount ballast
- Fasten Ballast to the desired location
- Run cable to light and connect

### Electrical Connections

The ballast is fitted with a waterproof electrical connector. Also included is the mating connector fitted with a length of cable (loom adaptor) - for connection with the existing wiring harness.

### Tools Recommended

Wire stripper  
Soldering iron  
Heatgun



### Fitting Supplied Loom Adaptor

- Strip the outer insulation (approx 5mm) from the end of your existing or new driving light loom.
- If using heatshrink, slide this on the cable now!
- Connect **BLUE** wire to the **POSITIVE (+)** on your loom, **BROWN** to **NEGATIVE (-)**.
- Connect (solder recommended) your loom cables and check for integrity.
- Insulate all connections (shrink heatshrink if using) to protect from electrical hazards and weather.

**IMPORTANT: DO NOT REMOVE CONNECTOR FROM BALLAST CABLE: THIS WILL LEAD TO WATER INGRESS AND VOID WARRANTY**

**CAUTION: IMPROPER INSTALLATION OF THE TERMINALS AND CONNECTOR WILL AFFECT THE RELIABILITY AND OPERATION OF YOUR LIGHTS**