



# TORCH

## LANE TARGETING LIGHT



### Product Specifications

**157-8800 TORCH**

**Input: 100-240 Volts, 50/60 Hz**

**Output: 12 Volts**

**157-8801 Battery Upgrade (NOT Included)**

**Input: 100-240 Volts, 50/60 Hz**

**Output: 12 Volts**

**Edition 5:19**

KEGEL LLC

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# WARRANTY

KEGEL warrants that Torch and replacement parts will be manufactured free from defects in material and workmanship under normal use and service. Except as stated below, KEGEL shall repair or replace, at its factory or authorized service station, any Torch or replacement part (“Warranty Item”) which, within **ONE YEAR** after the date of purchase from an authorized KEGEL Distributor, has been determined to be defective upon examination by KEGEL. In no event shall the Warranty coverage be more than twenty-four (24) months from the date of shipment from KEGEL’s factory.

In the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from KEGEL and must return Warranty Items directly to KEGEL, following the required procedures. KEGEL will pay reasonable freight charges to deliver and receive Warranty Items from the bowling center. KEGEL will not be responsible for any “expedited” shipping charges. Customer will be invoiced for Warranty Items that are not promptly returned per the required procedures.

Outside the contiguous United States, the bowling center or end-user will be responsible for requesting Warranty Items from the DISTRIBUTOR and must return Warranty Items directly to the DISTRIBUTOR, following the required procedures. KEGEL will compensate the DISTRIBUTOR for reasonable freight charges to deliver and receive the Warranty Items from bowling center and to return them to KEGEL. Under no circumstances will KEGEL be responsible for any “expedited” shipping charges or taxes and duties.

This Warranty shall not apply to any Torch repaired or altered outside of KEGEL’s factory, or authorized service station, in any way, or where replacement parts have been installed in the Torch other than KEGEL approved replacement parts, or where the Torch has been subjected to misuse, negligence, accident, or abuse.

KEGEL reserves the right to inspect and make the final decision on any claim under Warranty which it deems questionable. KEGEL’s liability under the Warranty expressed above is limited to repair or replacement; KEGEL shall have no liability for incidental or consequential damages or for costs of installing Warranty Items.

KEGEL does not warranty the battery that is included in the battery upgrade (157-8801) and does not supply a replacement for this item. This item must be replaced with the original spec AGM 12v 5Ah battery to prevent damage to the unit.

Thank you for purchasing your new Torch. Its simplistic design makes it easy to use and requires minimal maintenance.

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Now that you have removed the Torch from its carton, inspect the unit to ensure there is no visible damage prior to using the device. Check the contents of the packaging with the included parts list below. Contact Kegel immediately if any items should be damaged or missing.

Included Parts:

Qty.	Part Description	Part #
1	Lower light assembly – 4 feet	157-8802
1	Upper light assembly – 5 feet	157-8803
1	Frame assembly	157-8804
1	Power Adapter 12v	157-1805A
1	Dimmer assembly	157-1806A
1	DC lead extension – 9.8 feet	157-1808

- 1 – Optional Battery Upgrade\* (157-8801)

**\*NOT included with purchase of 157-8800 Torch**

Assembly:

1. Cut all wire ties holding the assembly together.
2. On flat surface with sufficient space for set up, typically the approach works, start by removing all four of the pins from their locked position.
3. Pull open the legs and feet of the frame to approximately 90 degrees at all points.
4. Set the frame on the ground and insert the pins into the holes that have now lined up between the main cross-section, legs and feet to stabilize the frame. (this may require that the frame be rocked gently as the pins will fit tightly)
5. The frame can now be brought to the lane and should be transported by holding the main cross-section.
6. Place the frame at the desired length down the lane (see below for optimum location) by placing the feet of the frame on the gutter capping with the face of the position lock towards the foul line. (The main cross-section should be parallel to the foul line)
7. To assemble the light fixture, firmly lock the 4ft light assembly and the 5ft light assembly together at the connection points on the ends of these two parts.

8. Prior to attaching the assembled light fixture to the frame, ensure that it will be short enough so that it does not make contact with the ceiling. If so, a minor modification will need to be made (see Torch modification below).
9. Using the other connection point on the 4ft light assembly connect the light fixture to the position lock located on the main cross-section of the frame.

#### Applying Power:

1. Take the DC extension and plug this into the connecting device used for mounting the light fixture to the frame. Now route the cord along the opening in the top of the frame and down the leg of the frame and secure with the provided Velcro.
2. Next, take the dimmer assembly and plug into the extension. The dimmer will then plug into either the power supply, or the battery, if you have purchased the upgrade.

#### When using standard power supply



#### When using Battery upgrade



#### Dimmer operation:

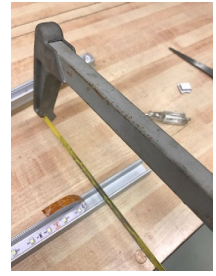
1. To use the dimmer, simply place your finger on the body of the dimmer switch. If the touch time is less than 3 seconds, it will act as the on/off function.
2. If the touch time is greater than 3 seconds, it will activate the dimming function.

#### Torch height modification:

1. Lay the upper 5 foot section of the Torch on the bench with the white strip insert facing up. At the opposite end of the connection, pull the white strip out to the point of where you need to make the cut to fit. Cut the white strip using snips or scissors.
2. Now, located inside of the aluminum Torch top piece you will see the LED strip that is stuck down in the bottom. Starting from the end, pull the strip back to just below where you made the cut for white insert. On the LED strip, you will see a copper strip at different intervals on the strip. These indicate the point at which you can cut the LED strip. Cut the LED strip using sharp scissors.



3. Lastly, using a device to cut metal, cut the Torch at the same point as the other two cuts you made.



#### Optimum location:

1. The placement of the Torch should sit at the end of the oil pattern length.
2. To set the light assembly across the proper board, we use the exit point math for the location. This is the pattern length minus 31. For example, if the pattern is 40 feet, then the proper board location for the light assembly should be on the 9 board.

#### Battery Charging:

1. The charging time for the battery, if not completely dead, is around 4-6 hours. If the battery is completely drained, then it could take up to 10-12 hours.



**For additional information, including videos on setup and use of this product please visit [www.kegel.net/torch](http://www.kegel.net/torch)**