



INSTALLATION INSTRUCTIONS

PART NUMBER	158-1634 (RED)
PART DESCRIPTION	KEGEL K2 BATTERY
REV DATE	6/5/19
MACHINE MODELS	ALL BATTERY OPERATED LANE MACHINES



Basic knowledge of the operation of the lane machine

Please read prior to installation:

If you are upgrading your lane machine, please verify that you have acquired the necessary installation kit that is not included with the battery.

ION Model A or B you will need part number 158-8654

All other battery operated machines will need part number 158-8655



TECHNICAL NOTE

Please thoroughly read the instructions prior to performing the installation of this assembly.

To avoid any potential problems, if at any time during the process you have a question, stop and contact our Tech Support department at the numbers listed below.

Please visit our growing library of videos to see if these instructions are available!



www.youtube.com/user/KegelBowling81



Take full control of your lane machine at My.kegel.net

- Place orders with Distributor
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- Software updates
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Kegel's Lane Maintenance Central:
Within USA - 1-800-280-2695
Outside USA - +1 863-734-0200
via e-mail at LMC@Kegel.net
website www.kegel.net



Important information:

- This K2 battery *cannot* be charged with a 40 Amp charger (Iota or Zivan) and doing so will void the warranty
- To obtain optimum life and performance out of your battery, it is best to charge after EVERY use using an OEM 20 Amp KEGEL approved charger!
- This replacement battery is shipped with only a 30% charge. After installation in machine, the battery **MUST** be fully charged to 100% prior to first usage.

When running the machine only once per day, the maximum amount of lanes that can be done is 40 lanes. When running the machine twice per day, the maximum amount of lanes that can be done is 24 lanes per cycle, or a total of 48 lanes per day. This means that you can run 24 lanes (or less), recharge the battery at least 4 hours, and then run another 24 lanes (or less) for a total maximum of 48 lanes per day.

Register your battery for warranty purposes at

<http://kegel.net>



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This replacement ProNautic[®] battery charger is Kegel factory pre-set for **Calcium/Custom** for the K2 Lithium Battery.

If the charger is being used with AGM batteries, it must be re-programmed as follows:

- Press and hold the SET UP / ENTER button on the charger for 5-10 seconds
- Press the UP or DOWN arrow until the LED lights up @ PRE-SET 2 for AGM
- Press the SET UP / ENTER button to confirm selection

Using a voltmeter, check the DC voltage at both the disconnect housing & the two-pin plug and verify against the voltmeter on the charger. Voltage should be between 27V – 29V

For proper charging: It is necessary to plug the charger into the machine first then power the charger. When the charger is being unplugged, it is necessary to remove power from the charger, allow the charger to shut down then unplug the charger from the machine.

DO NOT leave the charger plugged into power when the charger is not in use. The charger will have the appearance of working properly when actually it could shut down the DC output voltage.

If the ProNautic Charger does not recognize a connection to batteries or the lane machine, or if it detects a bad ground or connection on the AC power side the charger will NOT charge properly.



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Rev. 7/16

BATTERY WARRANTY INFORMATION

Battery Type	Part #	Max Number of Lanes on a full charge with 1 cycle per day	Max Number of Lanes per day with 2 cycles	Time Limit	Warranty	Customer Pays
RED Kegel K2	158-1634	40	48	1 year	100% (Includes Freight)	\$ -
<div style="border: 1px solid black; padding: 10px;"> <p>Warranty is VOID if a 40 amp charger (Iota & Zivan) is used or if not charged with an OEM 20 Amp KEGEL approved charger after EVERY use.</p> <p>During the warranty period if the battery is not able to do the amount of lanes in the center with the maximum lanes noted on a full charge this is considered a performance warranty.</p> <p>During the 1st year up to the 21st month of the warranty period when a replacement battery is sent the warranty period does not start over and the warranty is still based on original purchased date.</p> <p>If the battery fails after the first year up to the 21st month a new, refurbished or recondition battery will be sent with a prorated charge plus shipping.</p> <p>*During the 22nd to the 24th month a new battery will be sent with a prorated charge plus shipping and the warranty will be 100% for 1 year.</p> <p>Prorated price is based on current MSRP and subject to change.</p> <p>***If your machine has the Variable Buffer option ALL the numbers for lane reference will need to be subtracted by 10 due to the higher amp draw.</p> </div>				13th month	92% (Freight Not Included)	\$ 76.00
				14th month	84% (Freight Not Included)	\$ 152.00
				15th month	76% (Freight Not Included)	\$ 228.00
				16th month	67% (Freight Not Included)	\$ 313.50
				17th month	58% (Freight Not Included)	\$ 399.00
				18th month	50% (Freight Not Included)	\$ 475.00
				19th month	42% (Freight Not Included)	\$ 551.00
				20th month	34% (Freight Not Included)	\$ 627.00
				21st month	26% (Freight Not Included)	\$ 703.00
				*22nd month	18% (Freight Not Included)	\$ 779.00
				*23rd month	10% (Freight Not Included)	\$ 855.00
				*24th month	5% (Freight Not Included)	\$ 902.50



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