



# INSTALLATION INSTRUCTIONS

<b>PART NUMBER</b>	<b>158-8651C</b>
<b>PART DESCRIPTION</b>	<b>VALENCE TO ODYSSEY BATTERY CONVERSION KIT</b>
<b>REV DATE</b>	<b>10/26/2011</b>
<b>MACHINE MODELS</b>	<b>VALENCE BATTERY MACHINES WITH 32 LANES OR LESS</b>



Should only be performed by a Kegel certified 'Level ' technician

### TOOLS NEEDED:

Phillips Screwdriver

7/16" wrench

10mm wrench

Razor knife



### 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](http://www.youtube.com/user/KegelBowling81)



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Take full control of your lane machine at [My.kegel.net](http://My.kegel.net)

**Kegel's Lane Maintenance Central:**  
Within USA - 1-800-280-2695  
Outside USA - +1 863-734-0200  
via e-mail at [LMC@Kegel.net](mailto:LMC@Kegel.net)  
website [www.kegel.net](http://www.kegel.net)



1. With the machine lying down in the operating position, remove the screws that mount the electrical panel to the machine. This does not have to be removed, but rather just tilted up out of the way while being careful with the components on the underside of the plate.
2. Locate the battery strap that is fastened to the posts that help in holding the batteries in place. Remove the screws or bolts that mount this in place.
3. Once the strap has been removed from the machine, take a razor blade and remove the foam strip on the battery strap and clean well. Locate the 12 inch piece of weather stripping in the kit. On the underside of the battery strap, peel and stick this strip evenly between the two outside holes. Set aside for reinstallation.
4. Next, remove the remaining black cable that screws into the battery connecting the two batteries together. This is no longer used.
5. Now, carefully, stand the batteries upright in the machine so that the red and the black battery posts are revealed. Unbolt the white cable going to the battery and set aside. Next unbolt the Red cable to the opposite battery and set aside.
6. Remove the Valence batteries from the machine and set aside.
7. Inside the machine, locate the center post that was used to mount the battery strap and remove it. This will no longer be needed.

### *Battery Installation*

1. The two new Valence RT batteries will lay on the bottom of the machine with the battery posts facing up towards the ceiling. Push any cables out of the way and carefully set one of the batteries in to the machine. Do the same with the other battery so that they sit side by side.
2. Inside the lane machine you will find the red battery cable, attach this to the positive (+) post on the *right* battery. Locate the Black battery cable and attach this cable to the negative (-) post of the *left* battery.
3. Inside the kit, locate the fuse link that has the Red boot on one side of it and the Black boot on the other. Attach the red side to the positive (+) battery post and the black side to the negative (-) battery post. *Fasten down firmly so that ALL connections are tight! You may experience a spark when connecting the fuse link, this is normal.*



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4. Locate the new BDI Power gauge from the kit. Plug this in to either of the cables coming from the new Valence RT batteries. It does not matter which one, as the other will NOT be used and can be left alone tucked out of the way. Mount the BDI gauge back into place of the original gauge.
  
5. Now take the battery strap and fasten back into place using the two outside support posts.
  
6. Replace the electrical control panel into place being careful of the wiring on the underside and in the machine. Fasten the plate into place.

**BATTERY WARRANTY POLICY (03/11)**

**ODYSSEY 925**

**158-8651 PAIR OF BALANCED ODYSSEY BATTERY (PC925)**

**1-90 days @ 100% & Kegel pays freight**

**91-365 days; Pro-rated by day after 90 days w/ customer responsible for freight costs**

**ODYSSEY 1200**

**158-8652 PAIR OF BALANCED ODYSSEY BATTERY (PC1200)**

**1-90 days @ 100% & Kegel pays freight**

**91-365 days; Pro-rated by day after 90 days w/ customer responsible for freight costs**

**ODYSSEY 680**

**158-8650 PAIR OF BALANCED ODYSSEY BATTERY (PC680)**

**1-90 days @ 100% & Kegel pays freight**

**91-365 days; Pro-rated by day after 90 days w/ customer responsible for freight costs**



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