

Dynamic L.E.D. Light



Provides a brilliant spectrum of light to enhance your spa experience

Getting Ready To Start

Features of the Dynamic L.E.D. Light

- ☀ If using new Gecko MP board on the D-1 line of spas, a jumper on the MP board should be set to dynamic lighting for the light to work correctly.
- ☀ Light will work only with light housings that utilize the GE912 bulb (wedge base)
- ☀ L.E.D. light offers dynamic light sequencing and multiple solid colors
- ☀ Multiple L.E.D. lights remain synchronized.
- ☀ L.E.D. lighting will work with @ Home spas
- ☀ L.E.D. lighting will work with previous Dimension One controllers

Overview of the Installation

The installation of the Dynamic L.E.D. Light consists of: turning power off to the spa, removing the front panel, draining spa to level below the light housing, removing lens and old light bulb, installing new L.E.D. light, reinstalling lens, and checking operation before refilling spa. Detailed instructions follow.

Required Tools

You will need the following tools to complete the installation:

- ☀ Phillips screwdriver
- ☀ Special Light Lens Tool (PN 01510-295)*

*The Special Light Lens Tool was supplied with your spa owner's manual packet.

Parts List

You should have received the following parts in the Dynamic L.E.D. Light installation kit:

L.E.D. Light Kit

Qty	Description	Item Number
1	This document	01513-267
1	L.E.D. Light	01512-016
1	Vinyl tubing	01560-51

Remove Spa Panel



Possible Electrical Shock Hazard

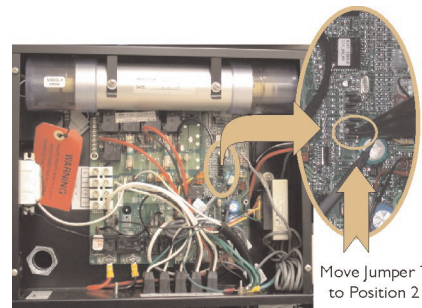
1. Turn off the main spa circuit breaker located in the disconnect box or house panel.
2. **Verify that all power has been turned off before continuing installation.**
3. Locate the spa's Top Side Control. The Lower Control is located in an equipment compartment behind the spa front panel below the Main Top Side Control.
4. Use the screwdriver to remove the spa panel screws.



The number of screws to be removed will depend on the make and model of spa.

Moving Jumper

1. Remove lower equipment control box cover.



2. Move jumper on PC board to dynamic lighting position (Jumper 7 in position 2, one position to the left) for spas with Serial No 87811 or greater.
3. Replace the lower equipment control box cover and secure with screws. Replace panel and secure with screws.

Installing Dynamic L.E.D. Light

1. Drain spa below level of light housing.
2. Carefully remove light lens cap using the special light lens tool provided in the original spa owner's manual packet.



Do not attempt to remove housing cover without special tool. Be sure not to turn light housing.

3. Remove existing light bulb by pulling it straight out.



- Install new L.E.D. Light by aligning pins with connector in base. Press gently, but firmly until L.E.D. Light slides into place. Use caution when pressing PC board taking care not to damage L.E.D.'s or PC board.



Note You may find that placing the small plastic tubing, provided in your kit, over one of the small bulbs will help you align the L.E.D. Light during installation.

- Replace cover on light housing using special light lens tool.



Note Be sure that the O-ring is not damaged and is properly seated in lens cover.

- Turn on power to the spa and immediately press the Light Button to confirm the light is connected correctly. Turn off power to the spa immediately.



To avoid damaging pumps and motors, do not leave power to the spa turned on without water in the spa for more than a minute. Doing so could void your warranty.

- When a working light is confirmed, refill the spa. Once the spa is full, restore the power to the spa again.
- Check operation of the Dynamic L.E.D. Light using the instructions on the front of this sheet.
- Enjoy your new Dynamic Lighting.

Operating the Dynamic L.E.D. Light

The Dynamic L.E.D. Light is turned on and off with the existing Light Buttons.

Choosing Effects

Push the Light Button to control your Dynamic LED lighting. This light has three basic Color Effects you can choose. Simply press the Light Button until you find the one you want. The Color Effects are:

- Color Fade Slow:** This sequence rotates through all colors approximately once per minute.
- Color Fade Fast:** This sequence rotates through all colors approximately three times per minute.
- Color Hold:** Hold on any of the colors.

The default Color Effect is Color Fade Slow. Use the Light Button to change Color Effects as follows:

- Start on Color Fade Slow (default)
- Turn off for 1 second, back on again for Color Hold
- Turn off for 1 second, back on again for Color Fade Fast
- Turn off for 1 second, back on again for Color Hold
- Turn off for 1 second, back on repeats back to Color Fade Slow



Turn off for 5 seconds or longer in any mode: Start on Color Fade Slow



For your convenience and cost savings, the light(s) will automatically turn off after one hour. To reactivate the light after it has been shut off by the timer, simply press the Light Button again. The Dynamic L.E.D. light(s) always start on Color Fade Slow to ensure that multiple light installations always remain synchronized.

Some Spas Are Different

Some older spas were equipped with a control board without a jumper to control the default "high/low/off" light positions. In these spas, and those where the jumper may not be reset, you can still use the Dynamic L.E.D. Light. Just follow the following simple instructions.

Choosing Effects

- You must press the Light Button three times to cycle the switch from high to medium to low (the light will not change during the cycling). Then press it a fourth time before 5 seconds have elapsed and the number one light show will be activated. In order to change the light to the next light show you must again press the Light Button three times and then a fourth time before 5 seconds has elapsed. You must use this sequence each time you want to switch to the next show.
- When you turn the light off and leave it off for more than five seconds, it will return to the default Color Fade Slow mode when it is next turned on.



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Part No. 01513-267-Rev H
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