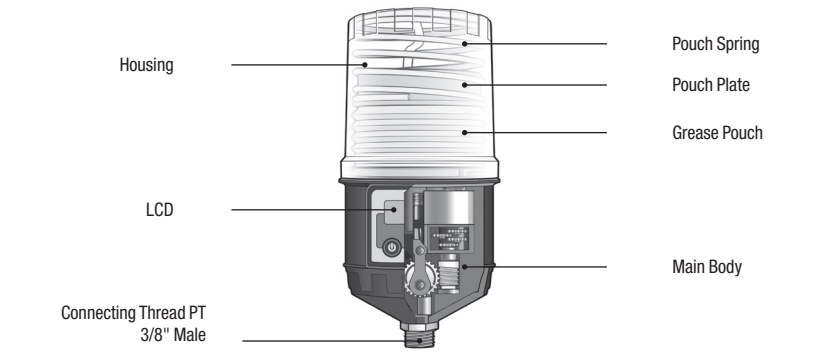


Product Details



Certificates



BT60

CCAHLPL012216

BT120

CCAHLPL012174

BT240

CCAHLPL012072

KLT Co., Ltd.

型号(Model):

BT60 CMIIT ID: 2019DJ0846

BT120 CMIIT ID: 2019DJ0847

BT240 CMIIT ID: 2019DJ1090

เครื่องโรตรมนาคและอุปกรณ์นี้มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช.

Specifications

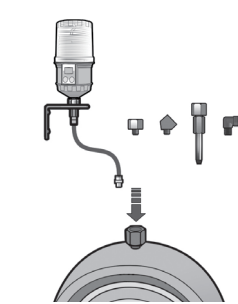
| Specifications               | Description                                                                                               | Note                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Average Operating Pressure   | 30bar (435psi)                                                                                            | Product specifications may be subject to change for performance or quality improvement without notice. |
| Operating Temperature        | Standard Alkaline Battery : -15°C~60°C (5°F~140°F)<br>Optional Lithium Battery : -40°C~60°C (-40°F~140°F) |                                                                                                        |
| Available Dispensing Periods | 1~12 months                                                                                               |                                                                                                        |
| IP Code                      | IP65                                                                                                      |                                                                                                        |
| Bluetooth Specification      | BLE4.1 (Class 2)                                                                                          |                                                                                                        |
| App                          | Android 5.0 / iOS 7.0 or newer                                                                            |                                                                                                        |
| WAS                          | Explorer / Chrome                                                                                         |                                                                                                        |

**Warning**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

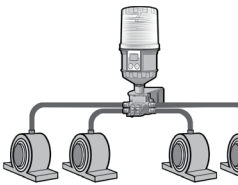
Mounting Methods



Direct Mount Installation



Single Point Remote Installation



Multi-Point Installation

**Single Point Installation**  
Direct Mount or Remote Installation using Extension Tube

For applications not allowing any direct mounts, remotely mount the unit using appropriate accessories and keep the distance from the lube point as short as possible. For remote installation using a tube, use a Ø6 (1/4") tube pre-filled with the same or compatible grease as the grease contained in the unit.

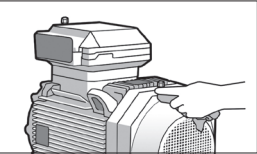
**NOTE** Alkaline, Lithium Battery Applicable

**Multi-Point Installation**  
Multi-Point Remote Installation using Progressive Divider Block (2~8 points)

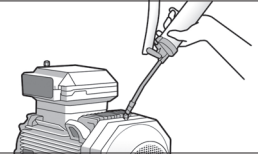
Ensure the break-off pressure is below the average operating pressure of 30bar (435psi).

► For more information, please refer to the distributor user manual. (Reference: Website > Service Menu > Technical Information)

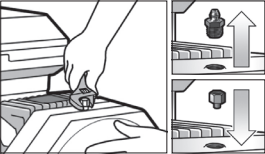
**NOTE** Lithium Battery Applicable Only



Remove contaminants around the lube point.



Ensure a clear passage by purging the lube point with a manual grease gun. (Use the same or compatible grease.)



Remove the grease nipple and install appropriate adaptors.

Dispensing Setting Guidelines



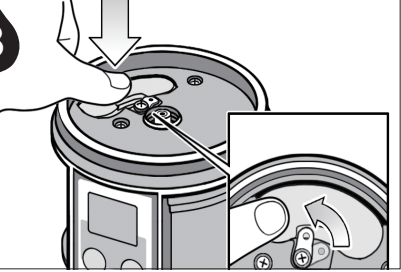
1

Check the service pack capacity and components (battery pack, grease pouch, dust cover, & label).



2

Remove the top housing, empty grease pouch, and used battery pack. Insert new battery pack.



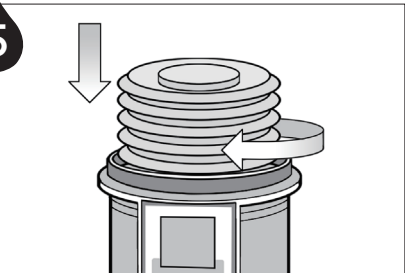
3

Make sure the battery clamp is firmly locked.



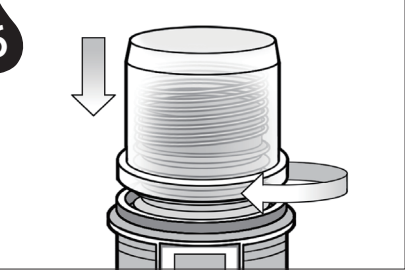
4

Purge the grease pouch until grease comes out of the tip and install.



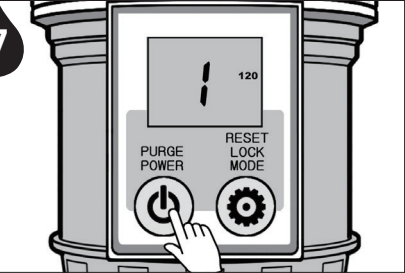
5

Carefully screw the grease pouch in by turning clockwise. Do not over tighten.



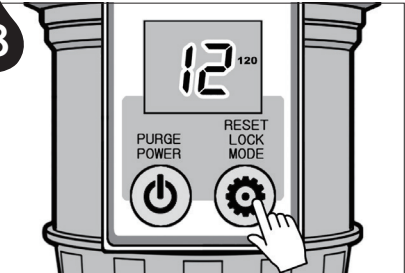
6

Refit the top housing on the unit and turn clockwise until it clicks.



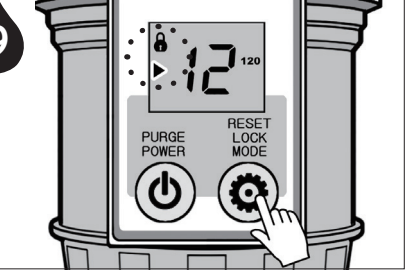
7

Press POWER button for 3 seconds to turn the unit on. (Check LCD screen to make sure your purchased grease capacity.)



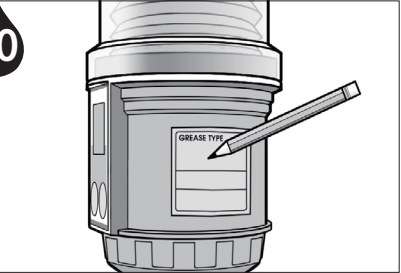
8

Press MODE button to select the dispensing period.



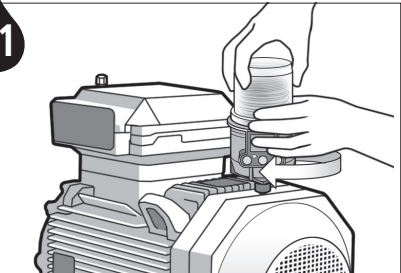
9

If ( ► + 🔒 ) appear on LCD screen, dispensing period setting is complete.



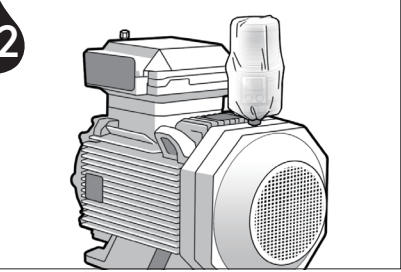
10

Attach the enclosed label to the lubricator and note the installation date.



11

Install the unit on the lube point. When the selected dispensing period has completed, replace the Service Pack following steps 2~6.



12

Install the dust cover over the lubricator for added protection.

LCD Display & Buttons

Automatic Lock Out mode  
(Activated when idle for 7 seconds)

In Operation

Forced Dispensing (Purge)

Dispensing Period  
(Selectable Months : 1~12)

Selected Grease Pouch Capacity  
(Capacity is automatically pre-selected depending on model purchased)

Power On/Off or Purge

Reset, Lock or Mode Setting

PURGE POWER

RESET LOCK MODE

Reset, Lock or Mode Setting

Reset, Lock or Mode Setting

Basic Operations

NOTE. Must be unlocked before operation.

1 second

3 second

5 second

Power On

Change Dispensing Period

Unlock

Power Off

Set Dispensing Period

+

Activate Backlight

Shelf life and Warranty

Product warranty is limited to original defects in material and workmanship and will not cover any collateral damage due to mishandling, abuse and/or any other inappropriate use of this product. Warranty period is 1 year from the date of purchase.

Other LCD Display & Button Operations

NOTE. Must be unlocked before operation.

Reset

or

Purge ON

Purge OFF

Backpressure Indicator and Purge ON

Cycle Finished and Reset

|                                 |                                                                                                                                                                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reset                           | Unlock, then press  for 5 seconds. → (  ) will flash on LCD.<br>→ Press  once.                                                                                                                                                                                                                    |
| Activate Purge Mode             | Unlock, then press  for 2 seconds until (  ) appears on LCD.<br>→ Purge mode will activate and pump 6 cycles.                                                                                                                                                                                     |
| Cancel Purge Mode               | Press  once → (  ) will disappear on LCD. → Returns to normal operation after completion of pump cycle.                                                                                                                                                                                           |
| Excessive Backpressure Warning  | Backlight and, (  ) will flash on LCD. → Run Purge Mode<br>1) If backlight and (  ) clears, lubricator will return to normal operation.<br>2) If backlight and (  ) continues to flash → Check for any blockages or kinks at lubeline or application → Contact your supplier if problem persists. |
| Completion of Dispensing Period | Backlight and LCD icons will flash. → Change Service Pack and reset unit.                                                                                                                                                                                                                         |

The World Leader of Automatic Lubrication

Product Part15.21 statement Changes or modifications not expressly approved by the manufacturer (or party responsible)for compliance could void the user's authority to operate the equipment.

**Pulsarlube USA, Inc.**  
1480 Howard Street, Elk Grove Village, IL 60007, USA  
TEL:1-847-593-5300 FAX:1-847-593-5303 [www.pulsarlube.com](http://www.pulsarlube.com) / [info@pulsarlube.com](mailto:info@pulsarlube.com)

User Manual

Pulsarlube

LK-BT

Series

(60ml/120ml/240ml)

ISO9001/14001