

# Troubleshooting

## 1. Guidelines



### 5r00 (Sensor)

**Error :** Operation on hold due to non-detection of motor sensor  
**Possible Cause :** Problem with the motor sensor  
**Solution :** Contact your supplier



### Ch00 (Check)

**Error :** Motor not responding  
**Possible Cause :** Electric motor may not be able to activate due to possible electrical problem  
**Solution :** Contact your supplier



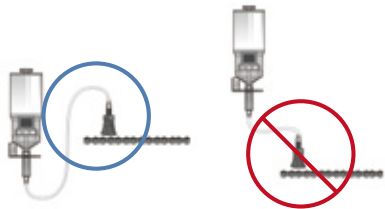
### bP00 (BPSM) \* Back Pressure Sensing Mode

**Error :** Excessive backpressure indication  
**Possible Cause :** Obstruction at lube point or kinked lube line  
**Solution :** Purge oil into the lube point using a clean manual oil gun to eliminate any potential obstructions.  
 This will alleviate excessive backpressure. Reduce lube line length if possible.



**Error :** Blank LCD screen  
**Possible Cause :** MCU electrical malfunction or battery problem  
**Solution :** Replace battery pack / Press reset button to restart the lubricator / Contact your supplier if problem persists

## 2. Warnings



For oils below ISO VG 100, place the oiler below the lube point and curl the lube line a couple of times to avoid oil leaks caused by gravity.



- The warranty period for the battery pack is one year from the date of purchase. Service packs without a battery pack are excluded.
- The warranty is limited to defects in the battery pack itself and does not cover any incidental damage resulting from user mishandling or improper use.

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**ISO9001 / 14001**



Rev.01

# Pulsarlube OL Service Pack

## USER MANUAL

OIL TYPE

## General Information

### 1. Product Description



NO.	Category	Description
①	Battery pack	The standard specification includes an alkaline battery pack. A lithium battery pack can be selected depending on usage conditions.
②	Dust cover	Use the dust cover for extra protection against contaminants and water. For areas where discoloration from UV exposure may be a concern, a UV dust cover is available separately.
③	Oil Absorbent Pad	For optimal use, replace the oil absorbent pad along with the battery pack when disassembling the product for battery pack replacement.
④	Memo label	Indicate the replacement and completion date on the label for easy maintenance.

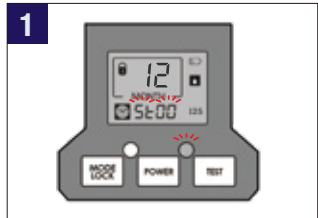


- To ensure the safe operation and proper installation of the Service Pack, we strongly recommend that you read the following information carefully before use.
- If you require further information, please contact your local supplier or manufacturer.
- Technical information is subject to change without notice.

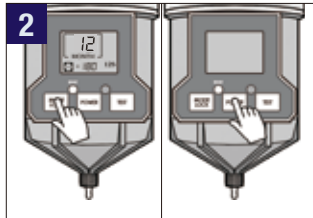
# How to Install and Use

## Oil Service Pack Replacement Method

When the dispensing period is complete and it is time to replace the service pack, the red LED will start to blink and the LCD will display the low battery icon, oil drop icon, and the elapsed time (number of days) since the dispensing period has ended.



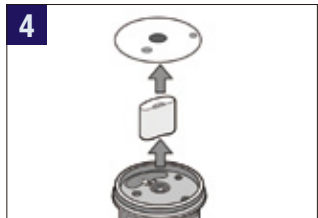
If the LCD displays the icons shown above, it is time to replace the service pack.



Hold the MODE button until the padlock icon disappears to unlock the unit and then hold POWER until the unit powers off.



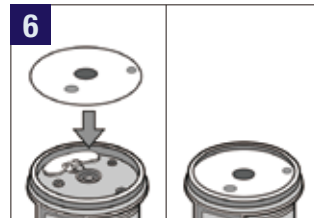
Disassemble the housing from the main body.



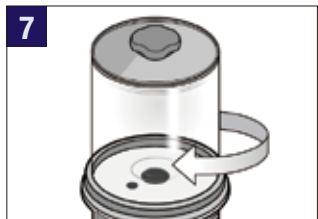
Remove the existing oil absorbent pad and battery pack.



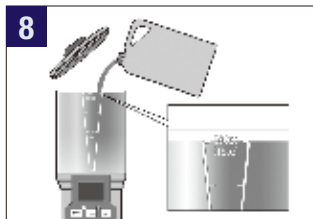
Insert the new battery pack.



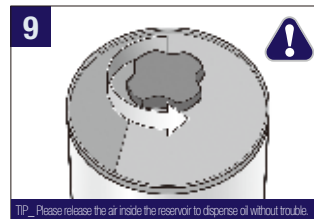
Insert the new oil absorbent pad.



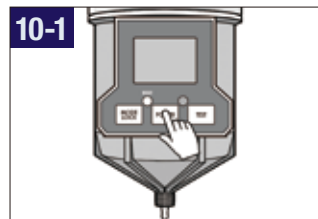
Attach the housing.



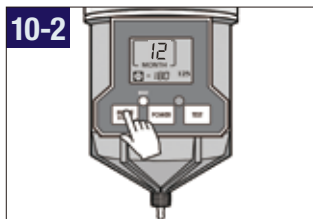
Remove the oil reservoir lid and fill the reservoir with oil to the 500ml level.



TIP: Please release the air inside the reservoir to dispense oil without trouble.



To keep existing settings: Press and hold the power button for 3 seconds. (Automatically sets to the previously configured setting)



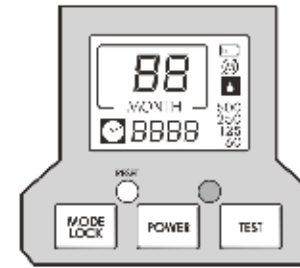
To change the dispensing period setting: Hold the MODE button until the padlock icon disappears to unlock and then press the MODE button again to cycle through the settings.



Install the provided dust cover.

# Additional Information

## 1. Buttons and LCD Display



Backlight ON/OFF  
Hold the Mode button and then press the Test button



Reset to default setting when the unit malfunctions and/or after changing the Service Pack



### Purge Mode

ON : Press for 2 seconds  
OFF : Short press of button  
(will stop after completion of ongoing cycle)



### Dispensing Period

1 ~ 12 month

Automatic Lock Out Mode  
Press for 2 seconds to unlock(🔒)



Power ON/OFF  
Press for 2 seconds to power unit on or off

	Dispensing period setting		Automatic Lock Out mode		Number of days operation has been on hold due to motor sensor error
	Remaining dispensing days		Operation of the lubricator has been interrupted(refer to Troubleshooting Guideline)		Number of days operation has been on hold due to motor error
	Low battery power		Dispensing period has completed		Number of days since dispensing period has completed (🔋 and 💧 will also display)
	LED blinks during normal operation	<b>60/125 250/500</b>	Grease pouch capacity		Number of days operation has been on hold due to backpressure
	LED blinks when battery is low, excessive backpressure exists, or dispensing period has completed				Number of remaining purge cycles

## How to order

Oil Capacity	Product line	Service Pack Code
500ml	Pulsarlube OL, M(r)-OL, MSP-OL, MSP(r)-OL	Alkaline Battery Pack (Standard) <b>SV-OL500</b>
		Lithium Battery Pack (Optional) <b>SV-OL500(L)</b>
		└─ Lithium battery option └─ Oil Capacity(500ml)