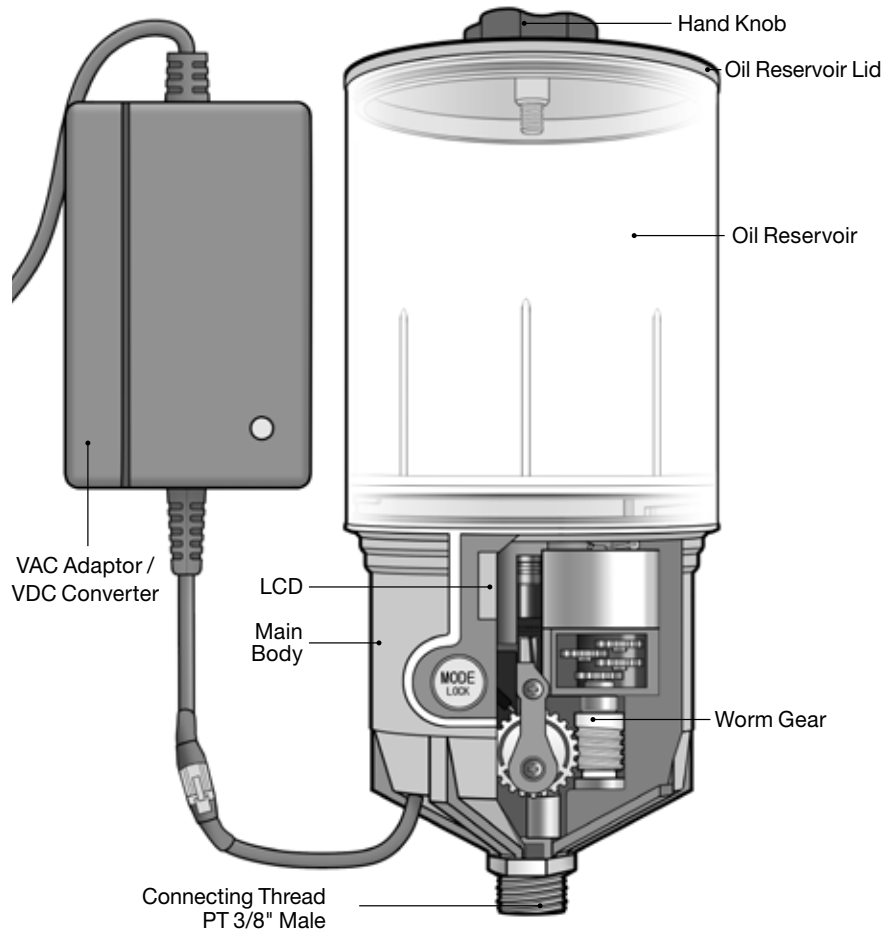
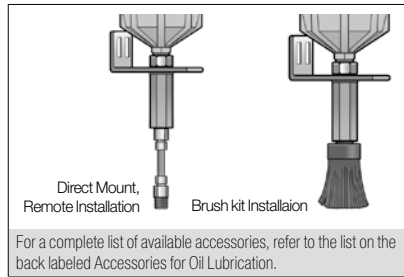


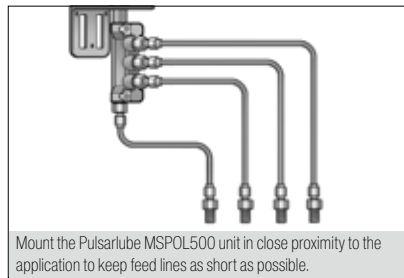
## Product Details



## Installation Guidelines



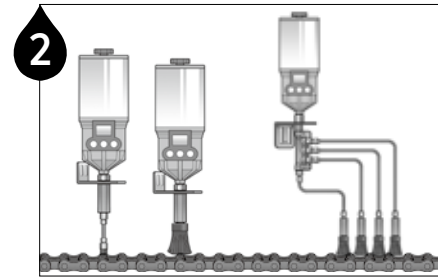
**Note A. Single Point Installation using Brush Kit**  
Install appropriate accessories and brush kits.



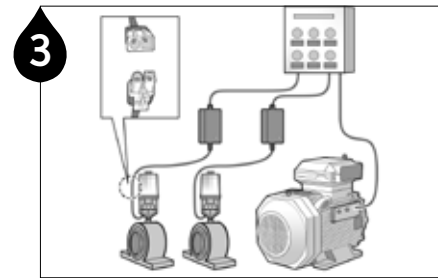
**Note B. Multi Point Installation using Kit**  
Available up to 4 points using oil distributor.  
(Select the appropriate 1250RO multi-point kit).



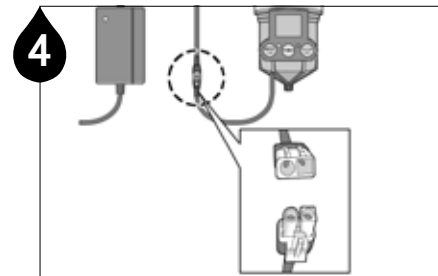
Remove the oil reservoir and check that the battery is properly installed.



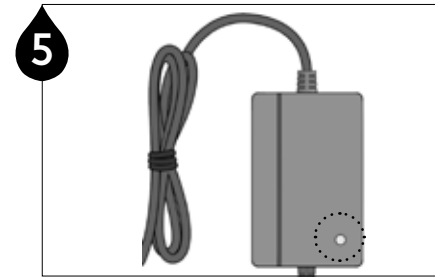
Install the appropriate accessories for the selected installation method. Refer to the user manual included with your single/multi point installation kit or brush and bracket kit.



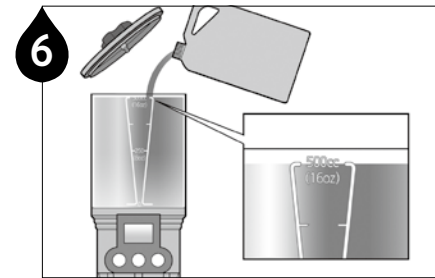
Connect VAC Adaptor (VDC Converter) to the control panel.



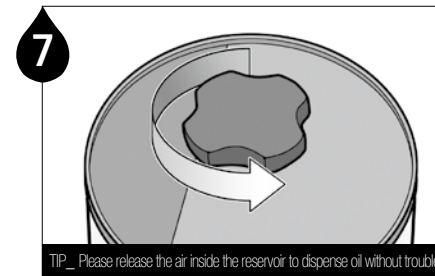
Connect unit's power cable to VAC Adaptor (VDC Converter).



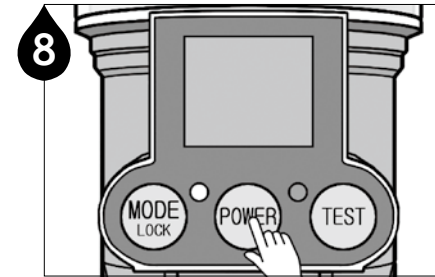
Please make sure that red LED of VAC Adaptor (VDC Converter) blinks once turning power on.



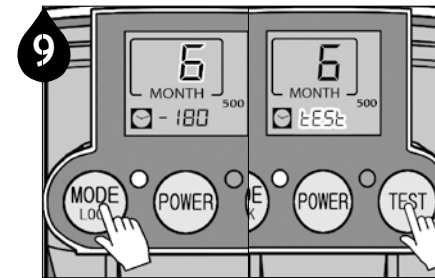
Remove the oil reservoir lid and fill the reservoir with oil to the 500ml level.



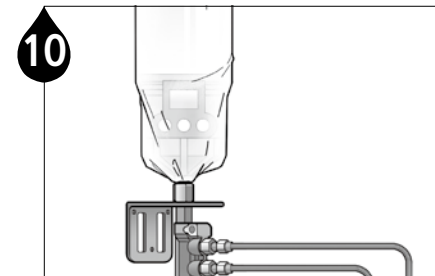
Turn the hand knob counter clockwise 1~2 turns before closing the lid to open the vent and relieve vacuum pressure.



Press the POWER button for 2 seconds to turn on the unit.

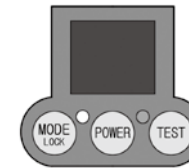


Press the mode button to select dispensing period and hold the test button for 2 seconds to run a test cycle.

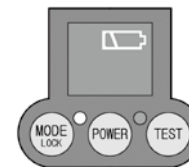


Install the dust cover over the lubricator for added protection.

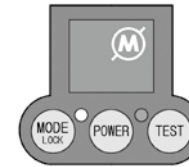
## Troubleshooting Guidelines



**Symptom** : Blank LCD screen  
**Possible Cause** : Electrical malfunction of CPU or circuitry, battery problem  
**Solution** : Replace battery pack or press reset button to restart the lubricator. If the problem persists, contact your supplier.



**Symptom** : Low Battery Indication  
**Possible Cause** : Rapid power consumption due to improper storage or harsh operating conditions (temperature, humidity, or high backpressure).  
**Solution** : Store the battery pack in cool, dry place and choose proper battery type for application. Optional lithium battery pack is available for more advanced applications.



**Symptom** : Excessive Backpressure Indication  
**Possible Cause** : Excessive backpressure due to over-oil lubrication, ruptured lube line, long distance remote installation, etc.  
**Solution** : A) Check backpressure at lube point and / or lube line, B) check oil dispensing rate, C) reduce remote installation distance.

## Wiring Options

**Note. Power off before wiring**

### MSP VDC/VAC

Select appropriate VAC Adaptor/VDC Converter needed for your application.

- Control Panel
- Other Terminal
- For DC powered units, please connect in corresponding polarity (+) to (+) and (-) to (-).

### Note

Product warranty will be null and void if any faulty by incorrect wiring so please be aware of wiring method before installation.  
(Installation of electrical specialists is recommended).

## Safety Instructions

Please avoid to install in the following places for safety and reliability of VAC Adaptor (VDC Converter).

- High vibration areas
- Wet areas
- Where volatile and flammable substances are present
- Areas where moisture and fire can be easily reached
- Places with poor ventilation and high ambient temperatures

## Button Operation

### MODE LOCK

#### Dispensing Period

Press to set dispensing period  
1, 2, 4, 6, 12, 18, 24 month & 15 days (H)

#### Automatic Lock Out Mode

Press for 2 seconds to unlock (🔒)

### POWER

#### Power ON/OFF

Press to Power unit On or Off

### TEST

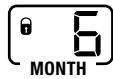
#### TEST Mode

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

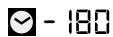
### RESET

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

## LCD Display



Dispensing period setting



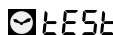
Remaining dispensing days



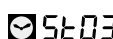
Automatic Lock Out mode



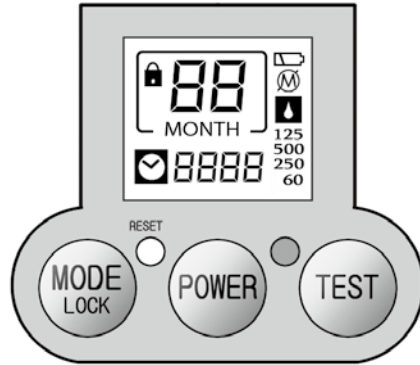
Oil reservoir capacity



TEST mode



Number of days since the cycle ended (🔒 and 🔒 will also display)



Number of days operation has been on hold due to excessive backpressure



Low battery power



Operation on hold due to excessive backpressure



Empty oil level

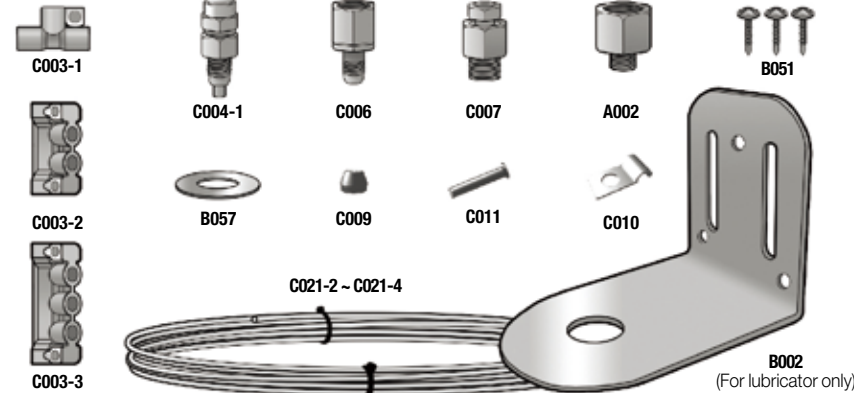


LED blinks when battery is low, excessive backpressure exists, or oil level is empty

ISO9001/14001 CE

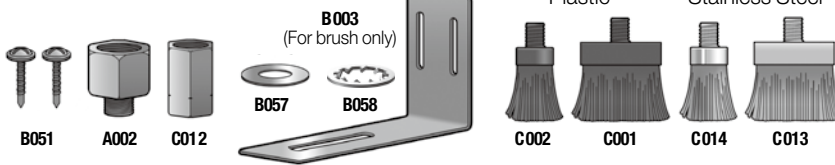
## Accessories for Oil Lubrication (Sold Separately)

Remote / Multi Point Installation Kits (1250RO1~4 Kits)



## Oil Brush & Bracket Assembly

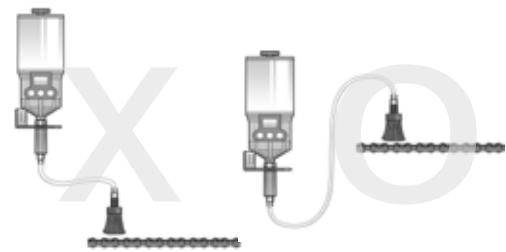
Brush Kits (Kit No.CO30-33, CO36-39)



1. Use OEM Pulsarlube oil kits to ensure proper lubrication.

2. To download installation manuals, please visit our website at [www.pulsarlube.com](http://www.pulsarlube.com)  
Products → Pulsarlube Installation Kits → Oil Lubrication.

3. Do not use Teflon tape on parts connected to oil distributor.



### Warning

For oils below ISO VG 100, place the oilers below the lube points and twist the lube lines a couple of times to avoid oil leaks caused by gravity.  
For oils below ISO VG 100, OL500 products should be installed below the lube points.

**Shelf life and Product Warranty** 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.

Rev.01

# PULSARLUBE

The World Leader of Automatic Lubrication

### Pulsarlube USA, Inc.

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PULSARLUBE

User Manual

# Pulsarlube MSPOL500 (500ml)

