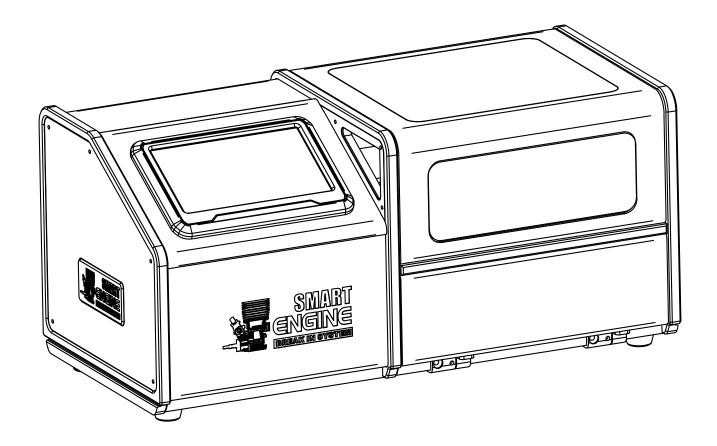


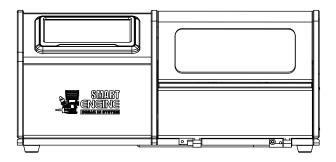
INSTRUCTION MANUAL



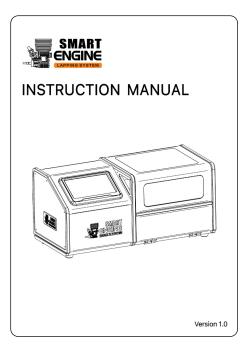
Menu

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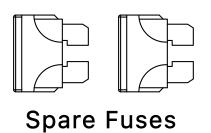
Item List

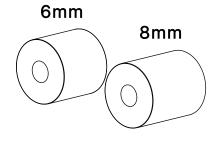


Lapping System x 1



Instruction Manual x 1





Crankshaft Spacer

Item List

Oil Running

Heatsink With Heater X 1

Engine Mount Spacer (0.5mm, 1mm & 2mm) X each 1 2mm spacer mounted on machine

Oil Tube 0.5m (For Pump In/Out use) X 1

Oil Tube Clip (For Pump In/Out use) X 1

Straight Oil Tube Connector X 1 (Spare)

Horizontal Oil Tube Connector X 1 (Spare)

Top Outlet X 1

Shaft Coupling X 1

Crankshaft Spring Tension Set X 1

Rubber Seal X 1

- .21 Exhaust Outlet X 1
- .21 Inlet (15mm) X 1
- .21 Inlet (13.85mm) X 1

Oil Tank Pressure Control Nut - Black X 1

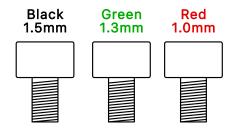
Oil Tank Pressure Control Nut - Green X 1

Oil Tank Pressure Control Nut - Red X 1



.12 Inlet (13mm) - options X 1

.12 Inlet (12mm) - options X 1



Item List

Oil Bath

```
Engine Mount Spacer (0.5mm, 1mm & 1.5mm) X each 1
```

1.5mm spacer mounted on machine

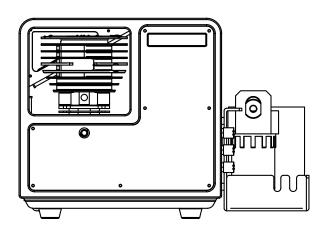
Shaft Coupling X 1

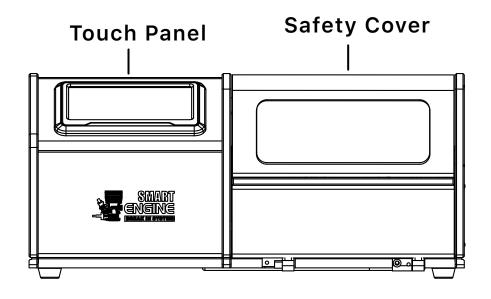
Sleeve Holder With Washer X 1

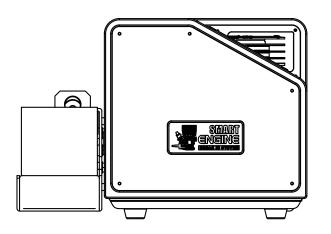
Oil Seal X 1 (Spare)

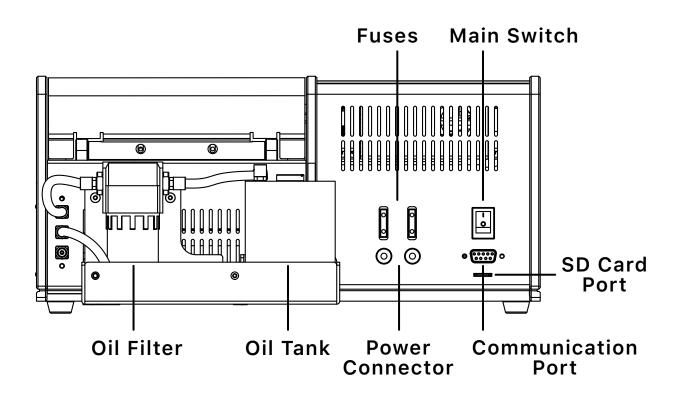
O-Ring X 2 (Spare)

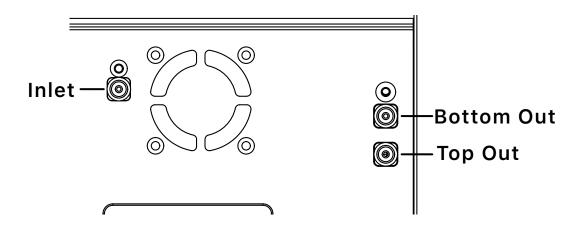
Product Guide

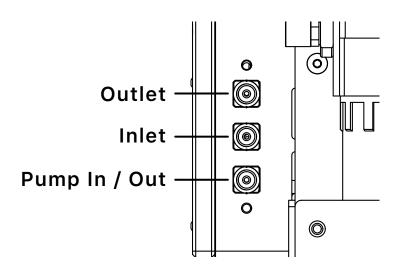


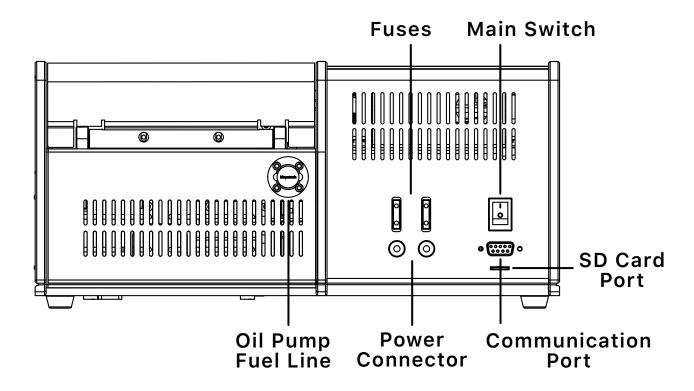




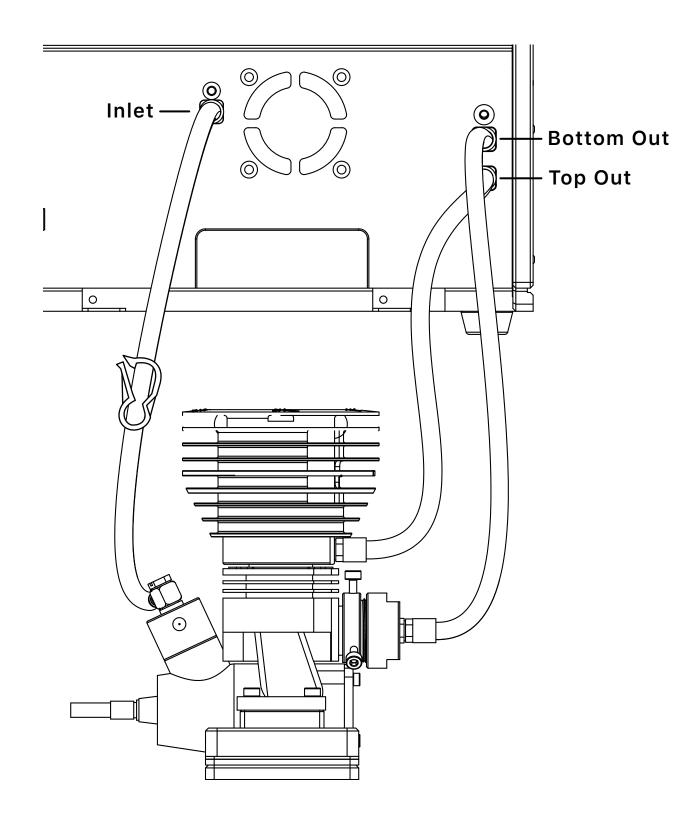


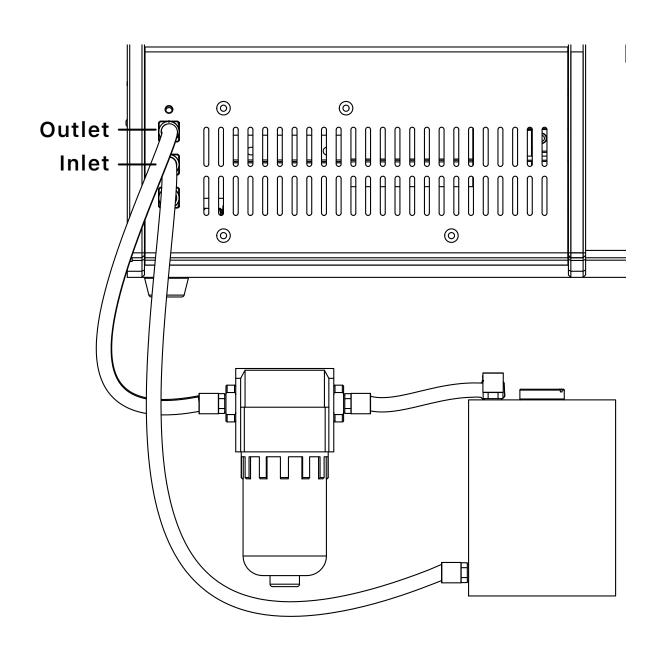


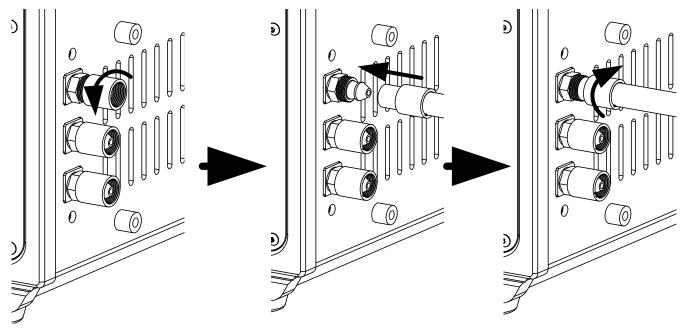




Fuel Line Diagram - Oil Running







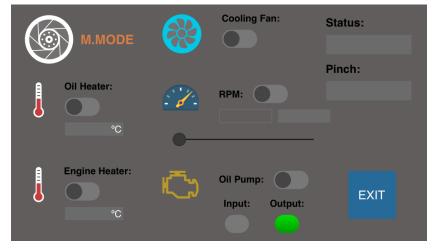
Page Naming



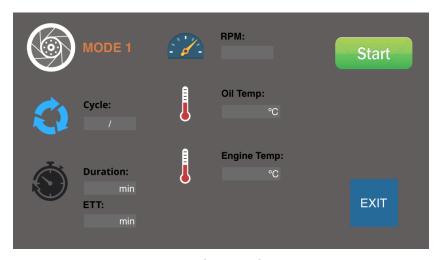
Home



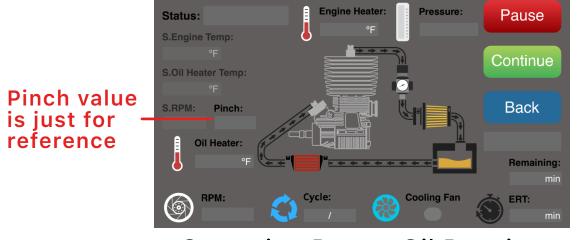
Setting Menu



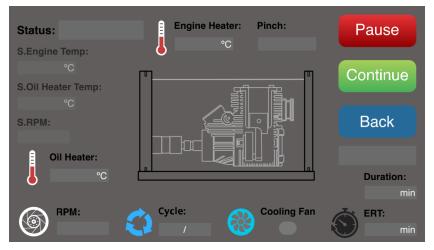
Manual Mode



Mode 1 / 2



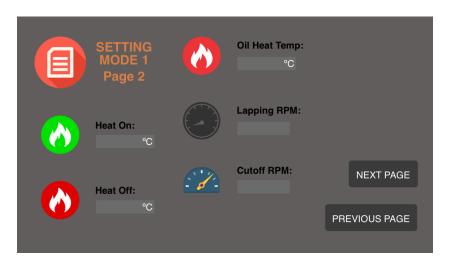
Operating Page - Oil Running



Operating Page - Oil Bath



Setting Page 1



Setting Page 2



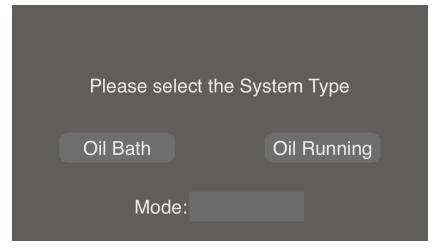
Setting Page 3 (Only In Mode 1)



Reset Page

SI SI	SETTING MODE 1		Oil Heat Temp:	
	IODE I		°F	
1	2	3	ESC	
4	5	6		
7	8	9	+	
	0	EXIT		

Parameter Key In Pages



Factory Setup Select Page

Parameter Explain



Cycle

- The numbers of run with same parameter and Mode

Duration

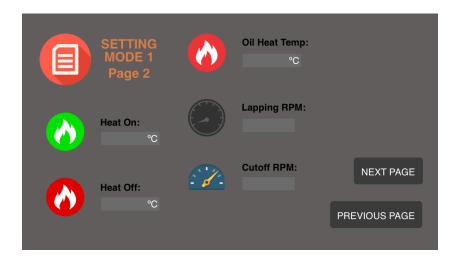
- The Duration of each Mode

Cooling Stop

- Fan will stop working when engine drop to this temperature

Overheat Protection

- The system will stop operating when engine over the temperature



Heat On

 Heater will start heat up engine when engine temperature drop to this parameter

Heat Off

- Heater will stop heat up engine when engine temperature reach this parameter

Oil Heat Temp

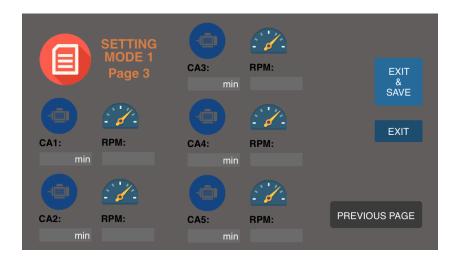
- The system will keep oil temperature according to the parameter

Lapping RPM

- The constant lapping RPM that you would like to use for your engine

Cutoff RPM

- System will stop operating when the RPM over this parameter



CA1 - 5

- CA is represent the stages of each RPM. The Time and RPM can be variant in each CA.

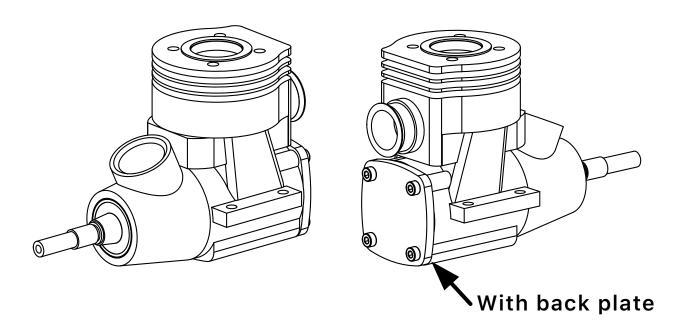
Min

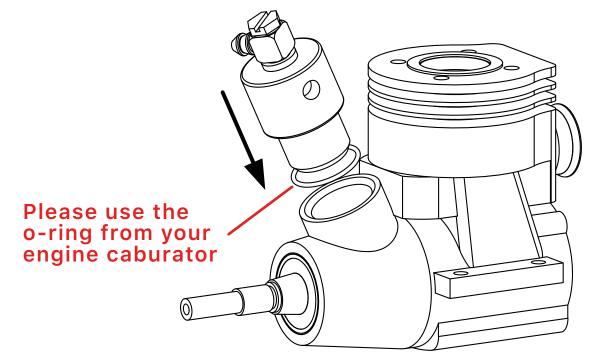
- The duration of the CA in Minute. The sum of CA1 to CA5 will be the total cycle time.

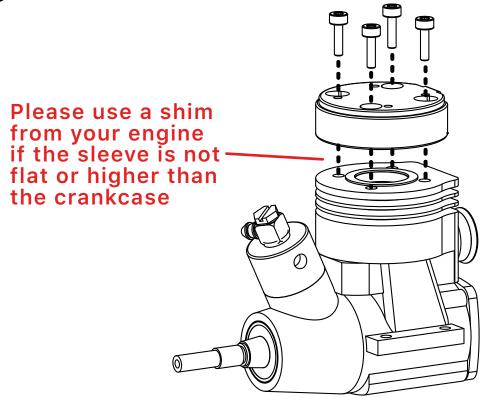
RPM

- The RPM of the CA

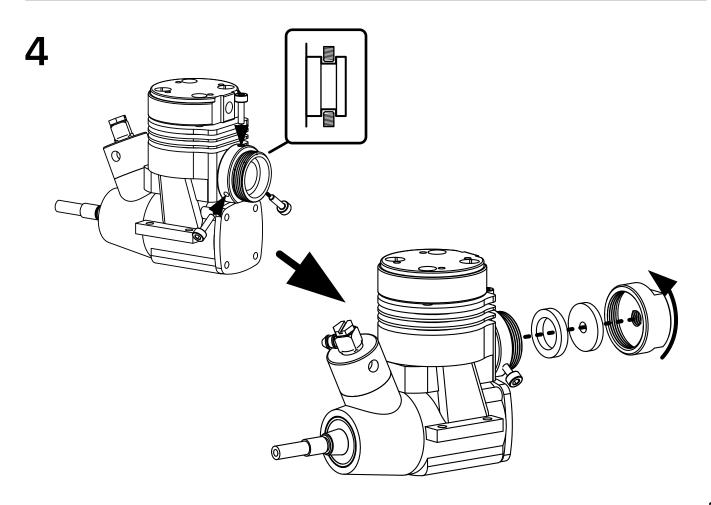
Start With Oil Running



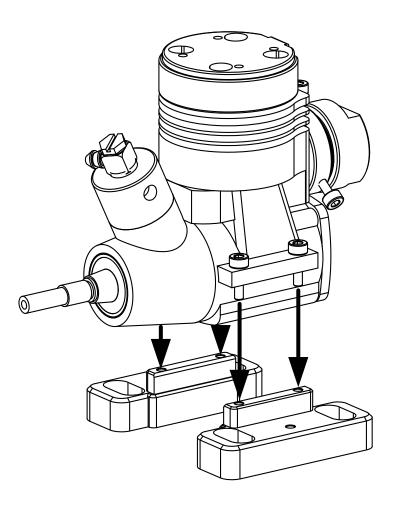


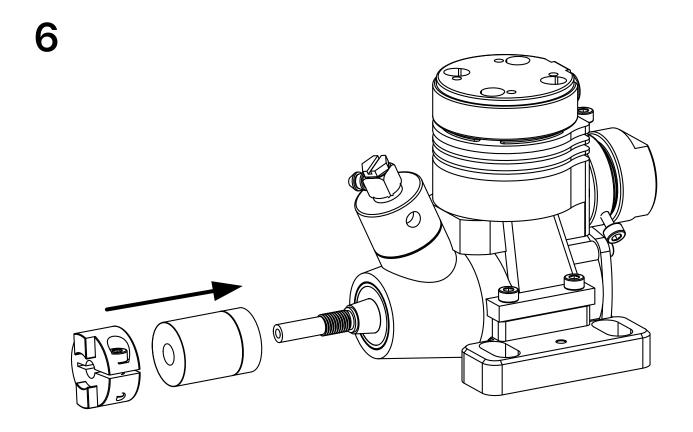


- Tightening the screws with average torque

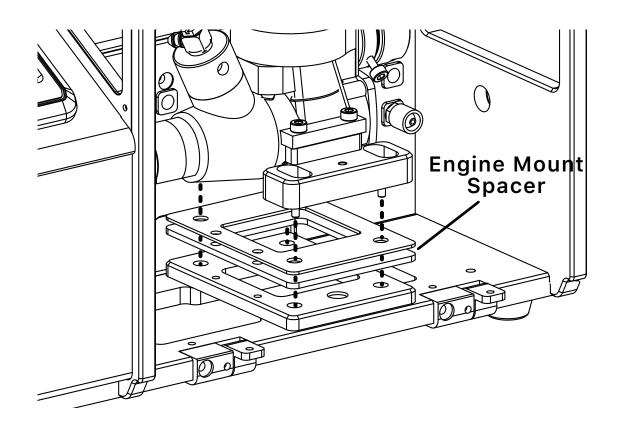


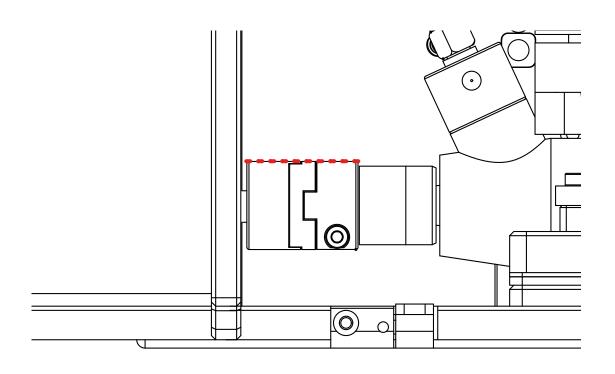




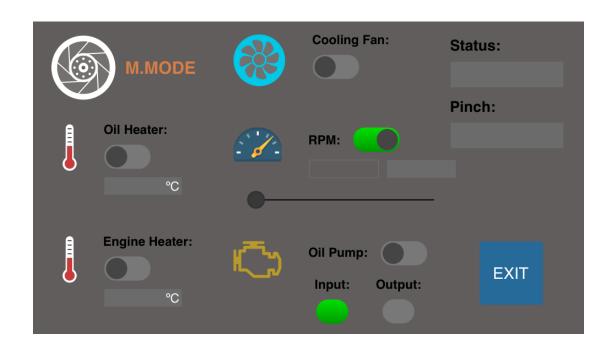


- Please dont tighten the shaft coupling

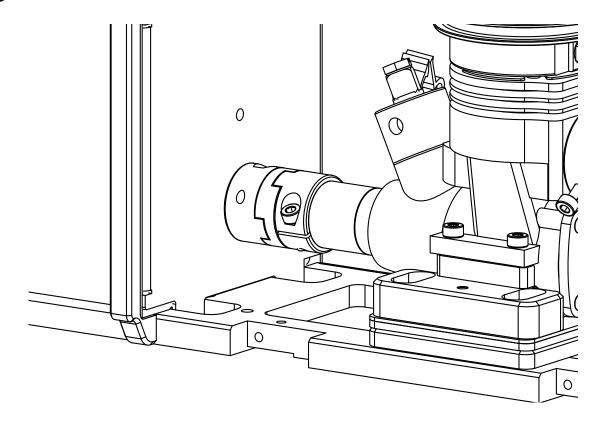


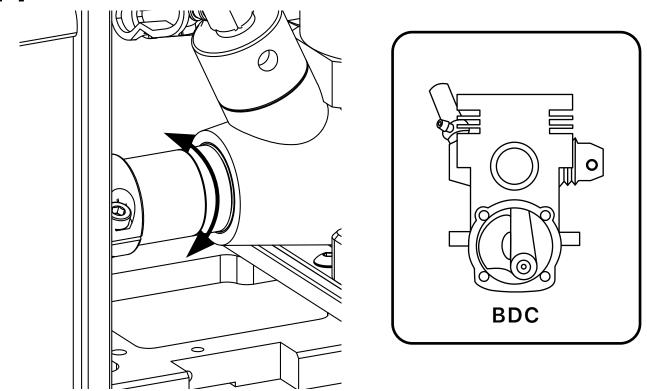


 Using engine mount spacer to adjust the shaft coupling height (For different brand engine if needed)

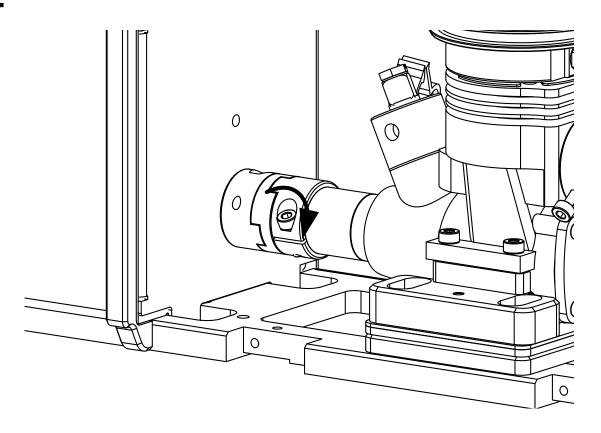


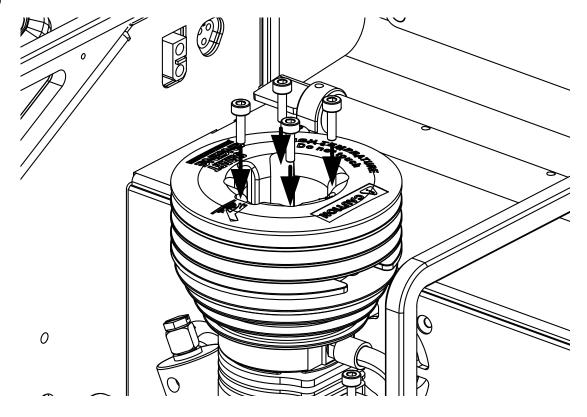
- Turn On the RPM (Motor). The motor will always stop at the same rotation after Turn Off.

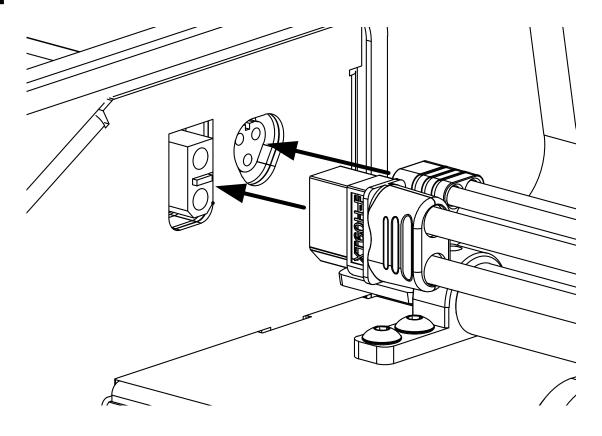


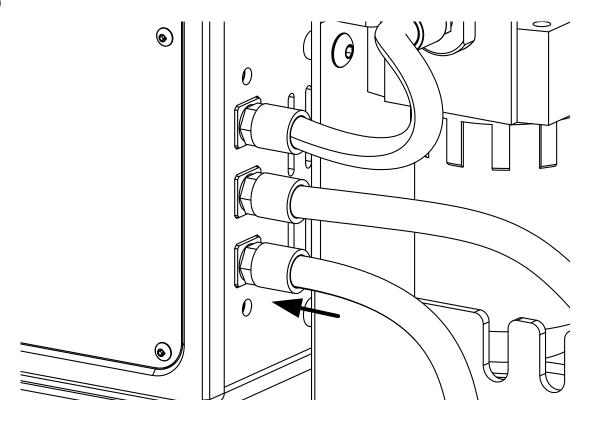


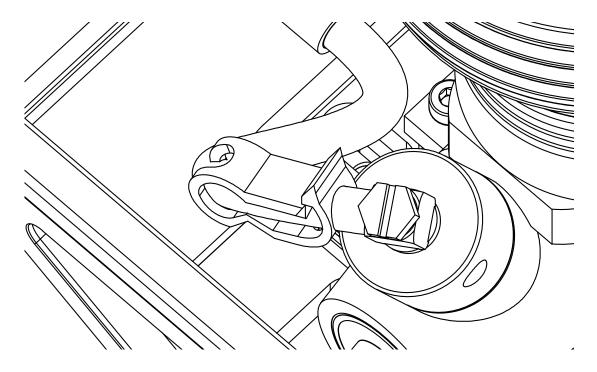
- Rotate engine piston to the BDC(Bottom Death Center)



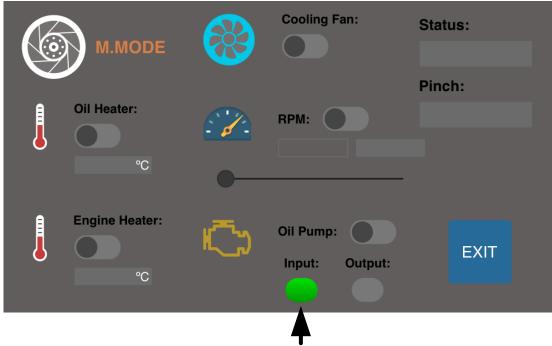






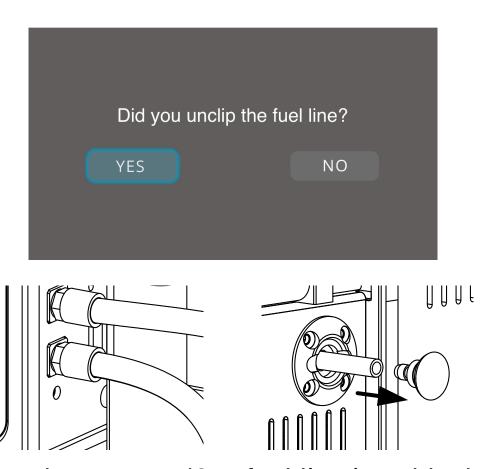


* Clip the fuel line clip on the inlet fuel line

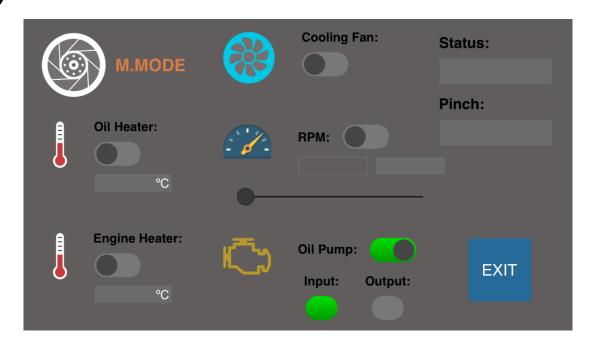


Home > Manual Mode

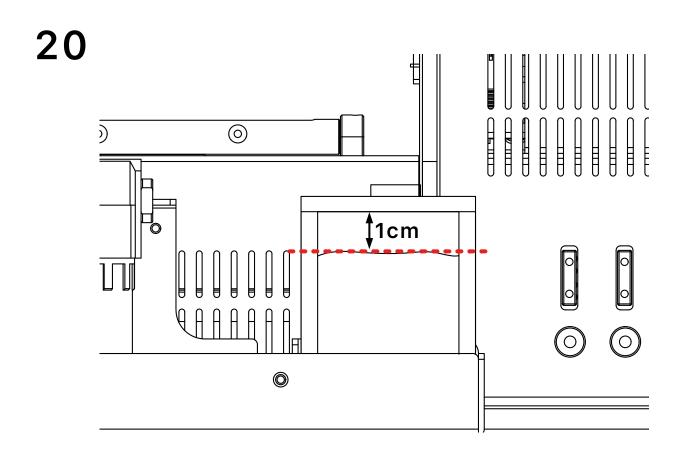
18



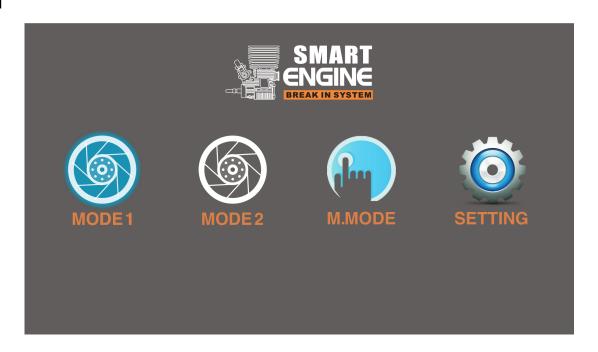
- Ensure the Pump In/Out fuel line is unblocked



- The oil will start pump in to the oil tank

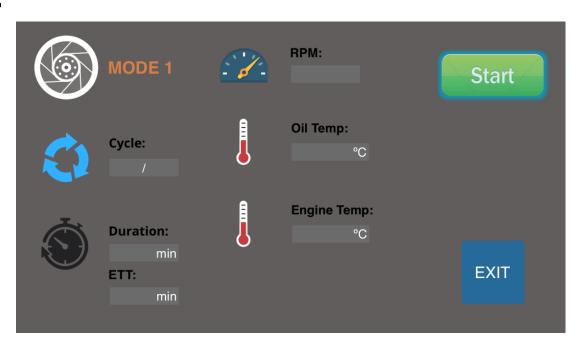


- Maximum oil level

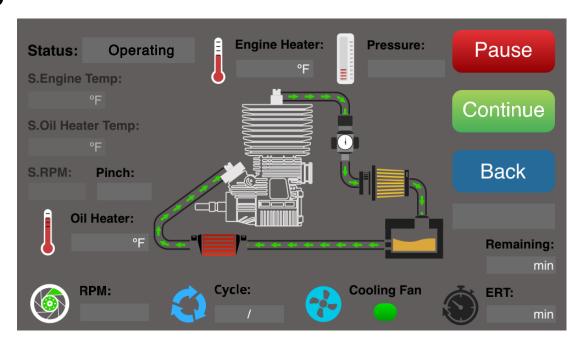


- Home > Mode 1

22

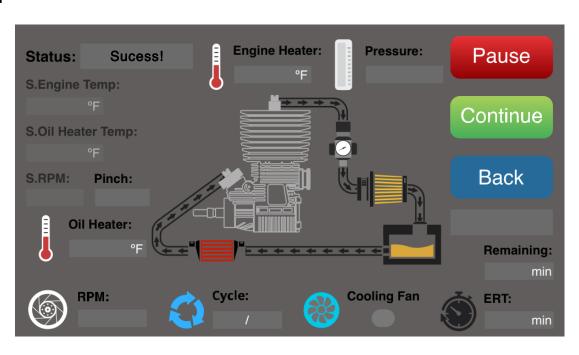


- Ensure all the parameter is correct before start operating



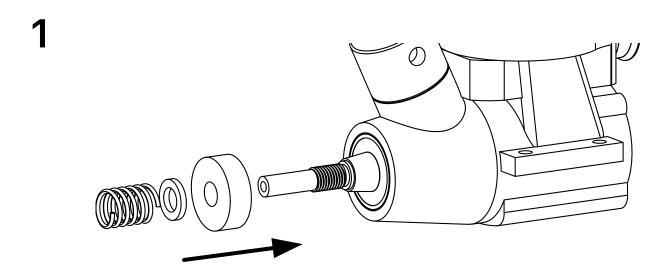
- The system will start operating

24

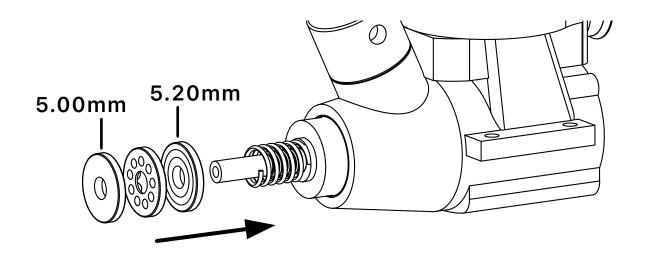


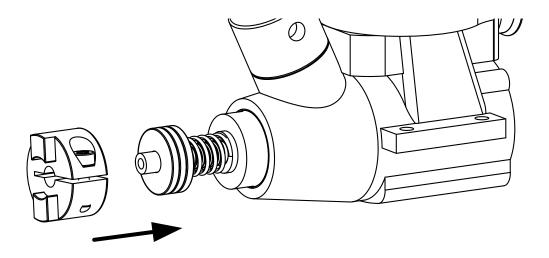
- The Status will show "Sucess" after the operating is done

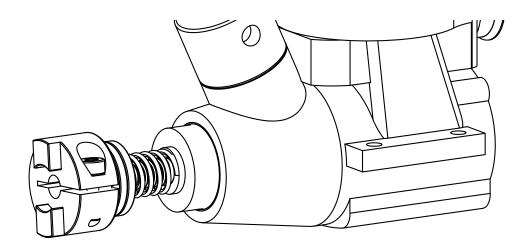
Spring Tension Installation



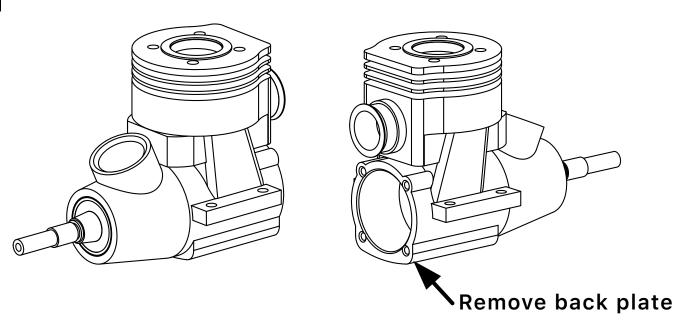
* This compartment is only needed for the engine using old bearing to prevent oil leaking during the operation.

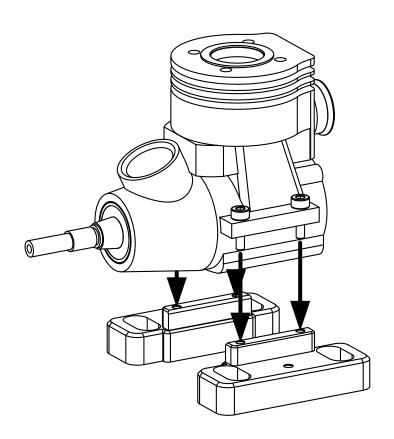


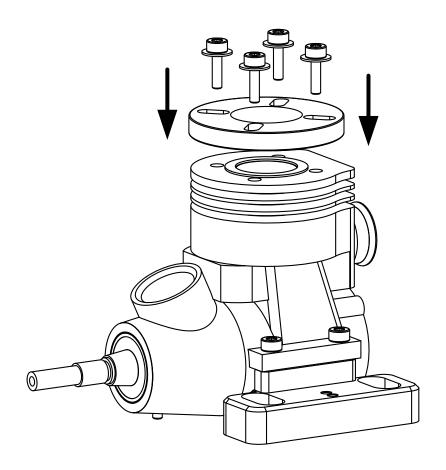


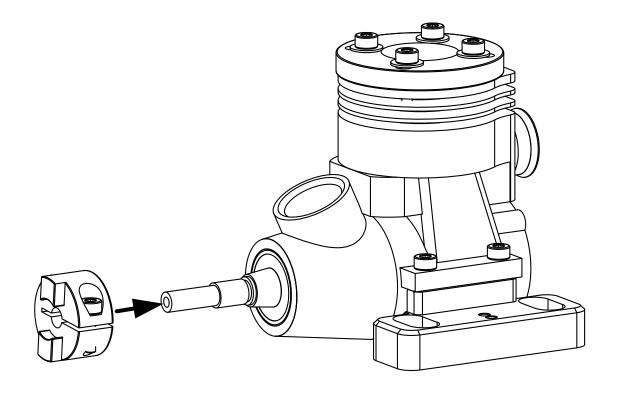


Start With Oil Bath

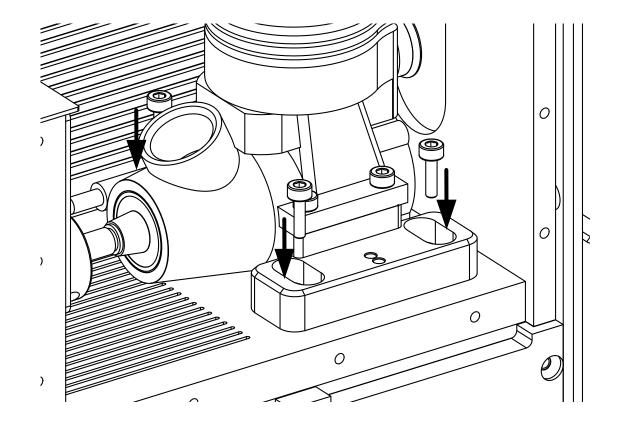


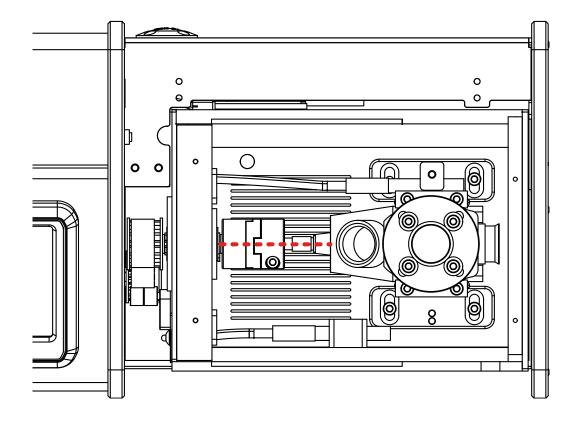


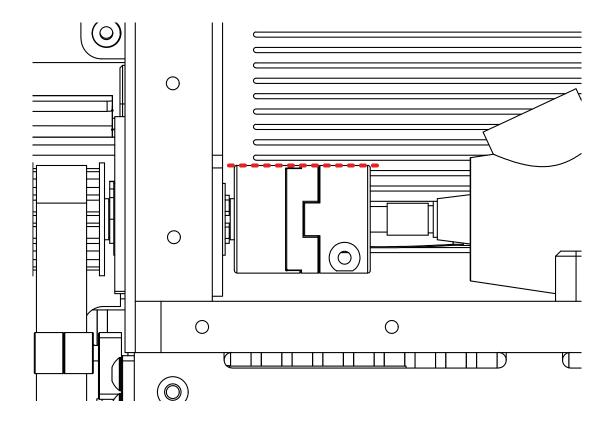


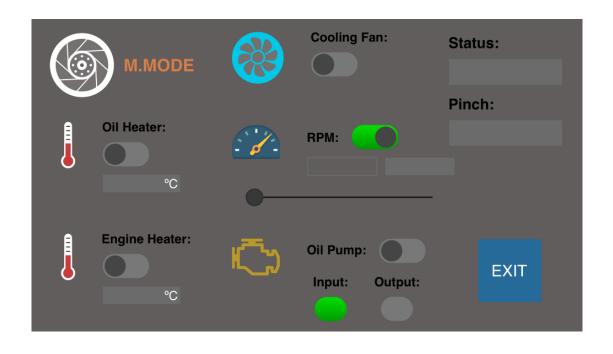


- Please dont tighten the shaft coupling first

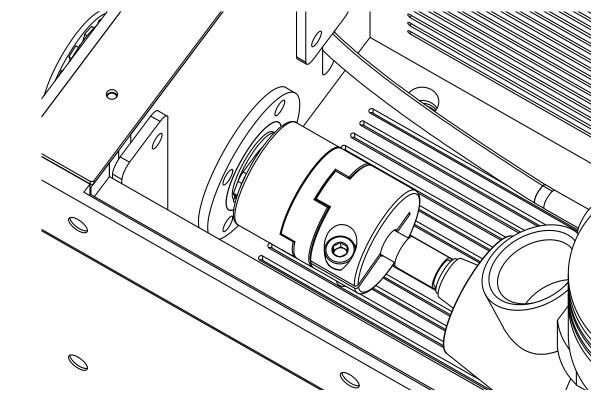


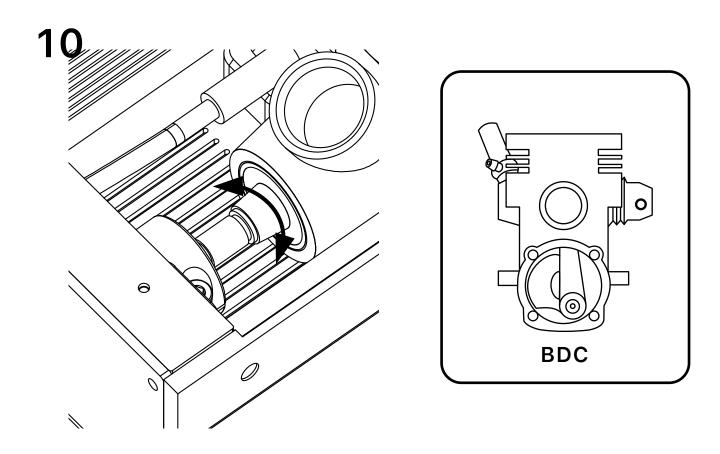




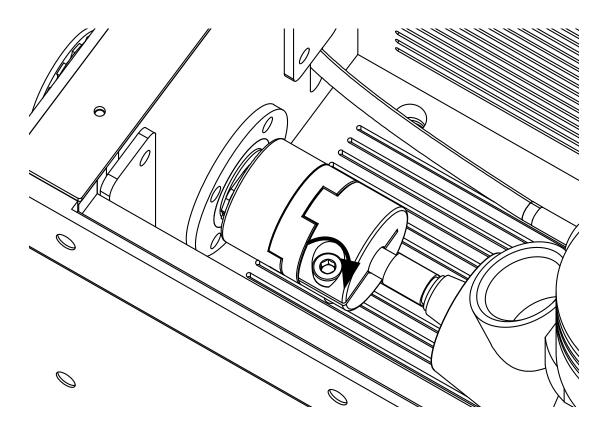


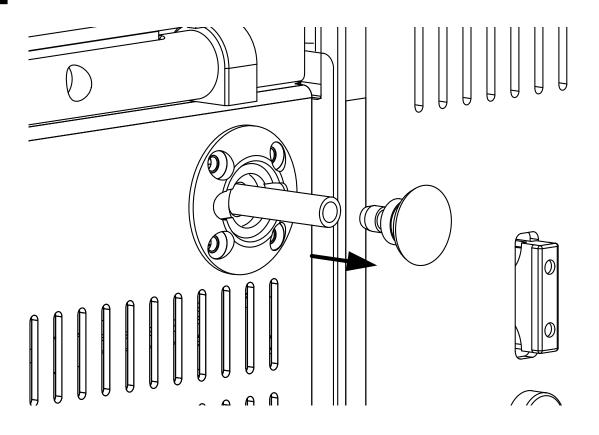
- Turn On the RPM (Motor). The motor will always stop at the same rotation after Turn Off.

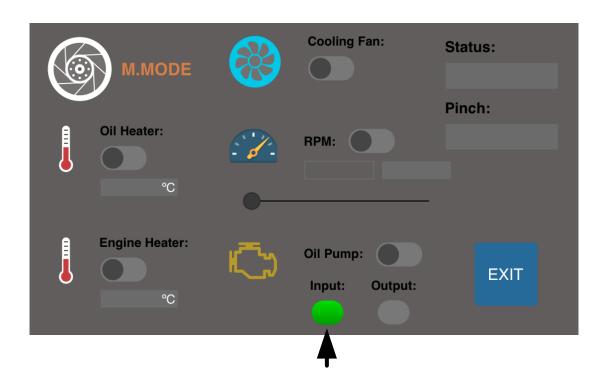


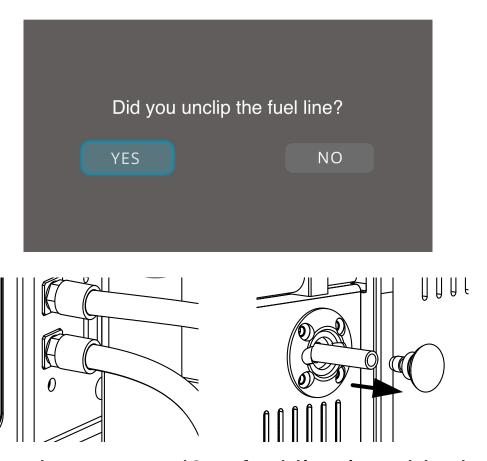


- Rotate engine piston to the BDC (Bottom Death Center) 34

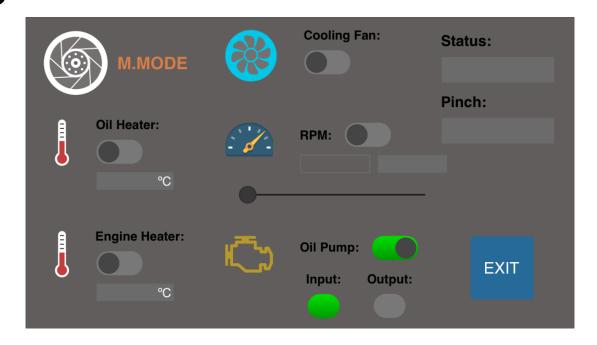






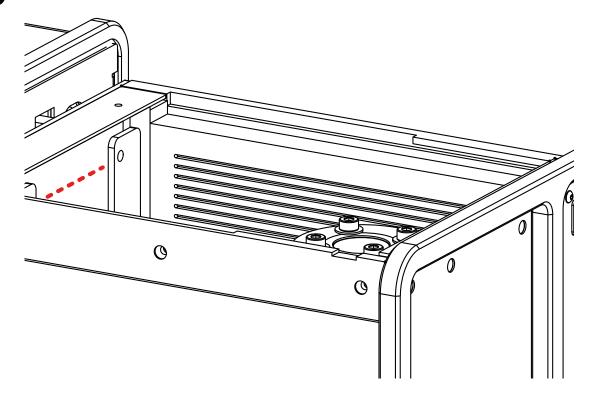


- Ensure the Pump In/Out fuel line is unblocked

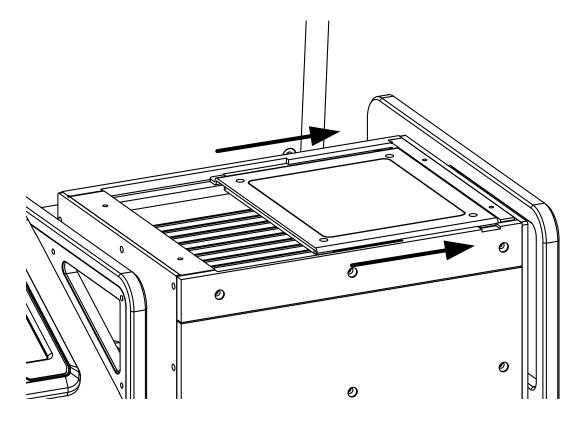


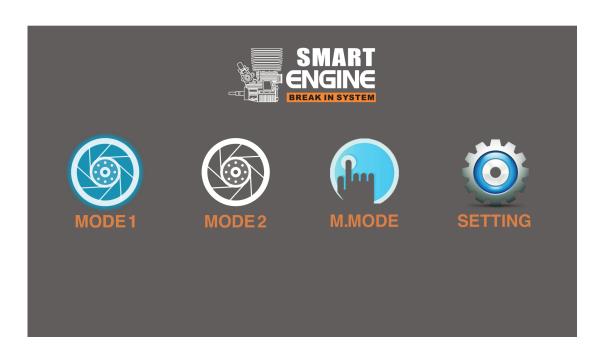
- The oil will start pump in to the oil tank

16

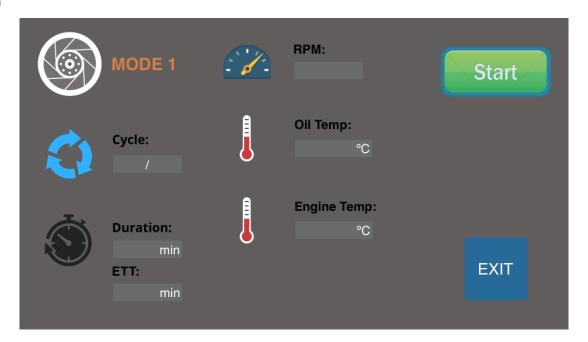


- Do not exit the maximum oil level



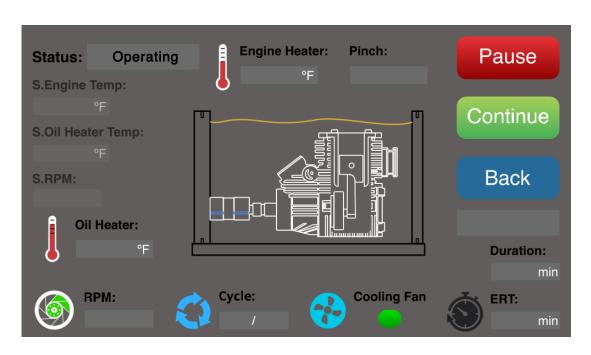


- Home > Mode 1

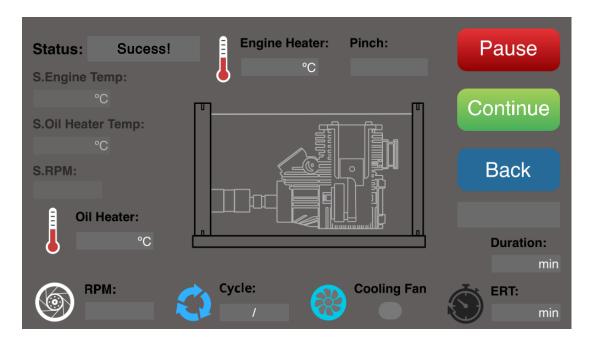


- Ensure all the parameter is correct before start operating

20

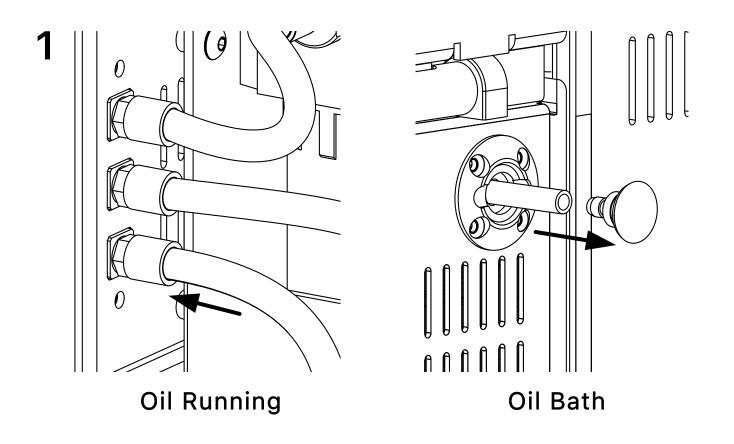


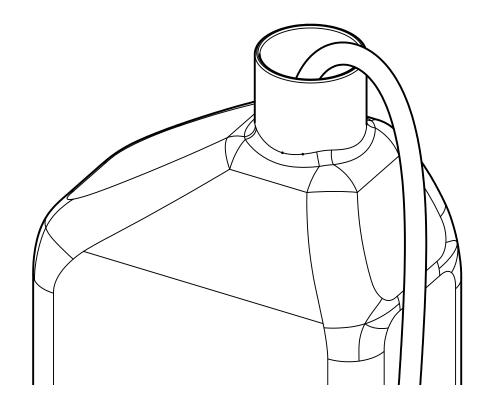
- The system will start operating

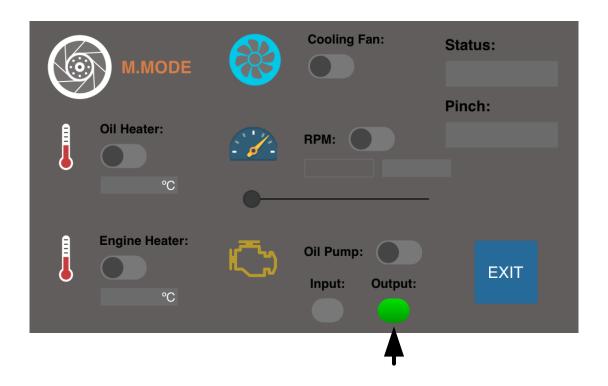


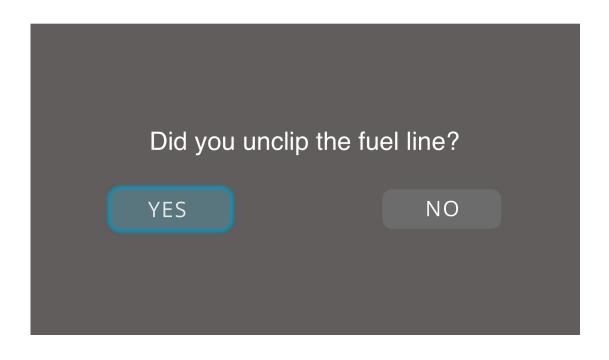
- The Status will show "Sucess" after the operating is done

Withdraw Oil

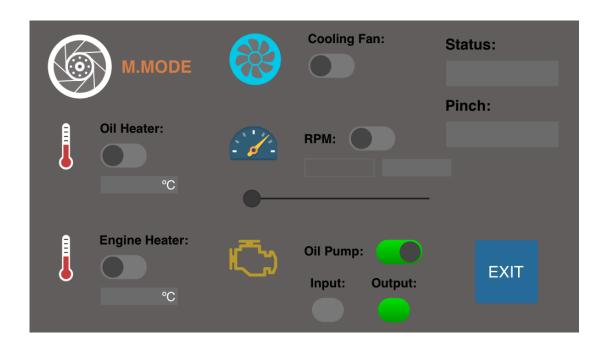






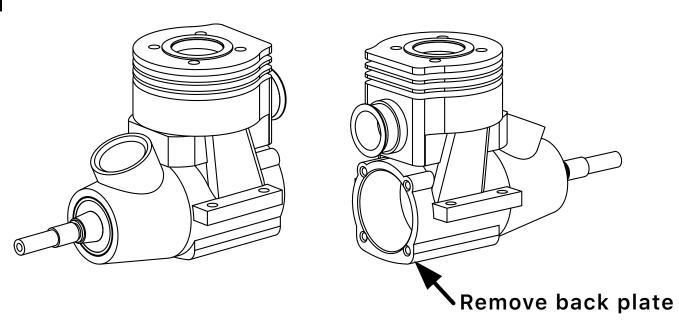


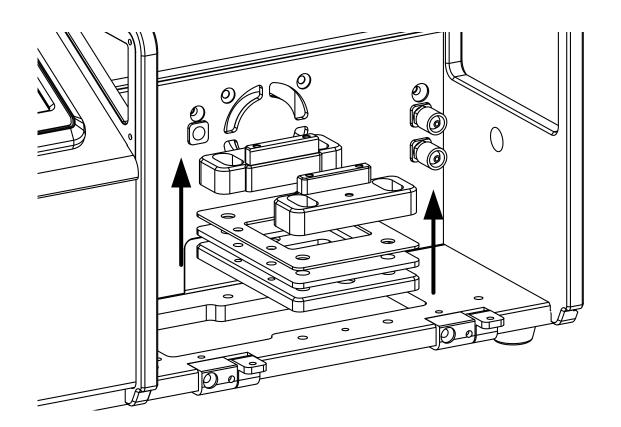
- Make sure the inlet fuel line clip is unclip

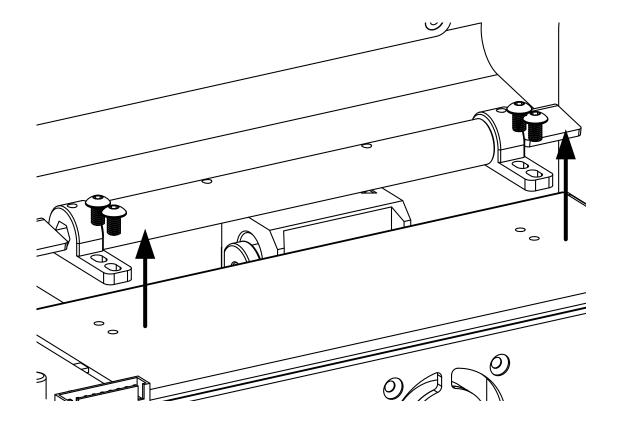


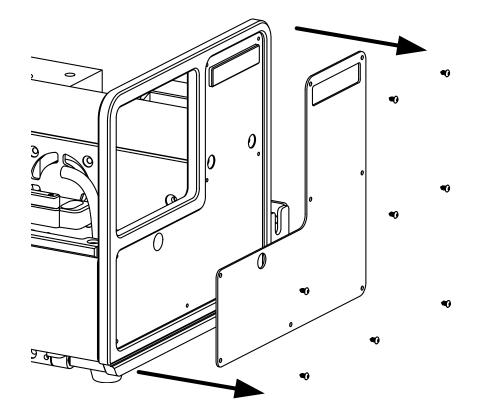
- The oil will start withdraw from the system

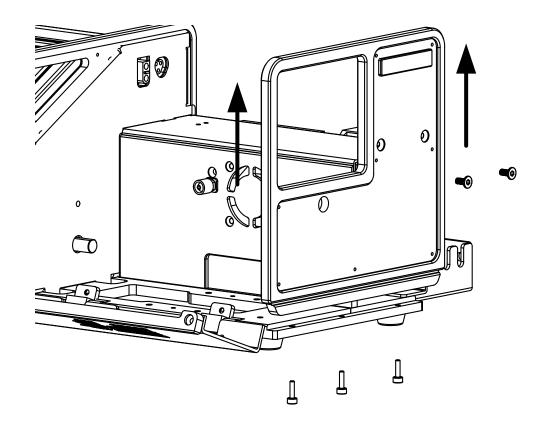
Switch to Oil Bath Module

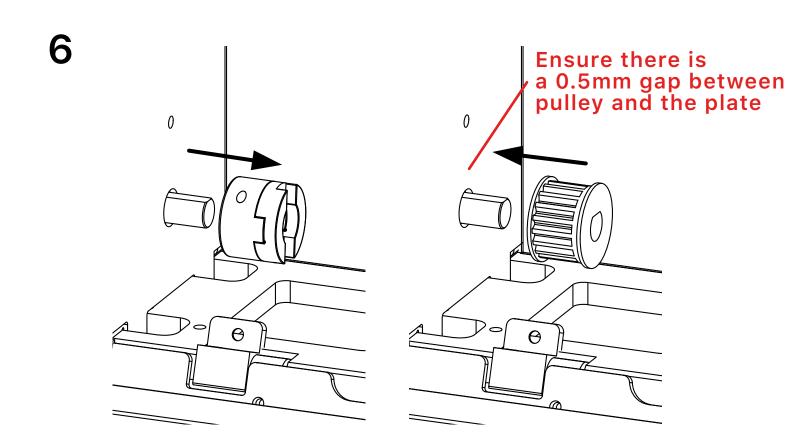


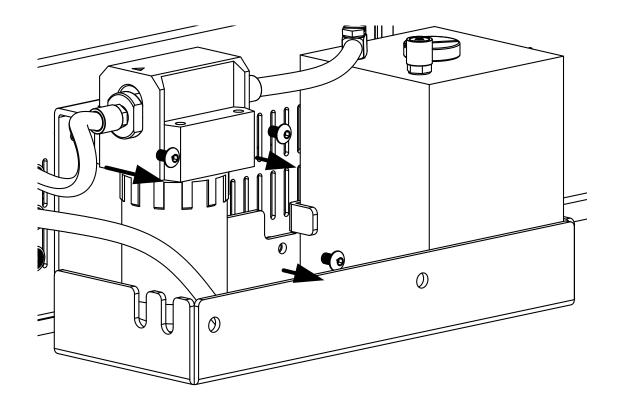


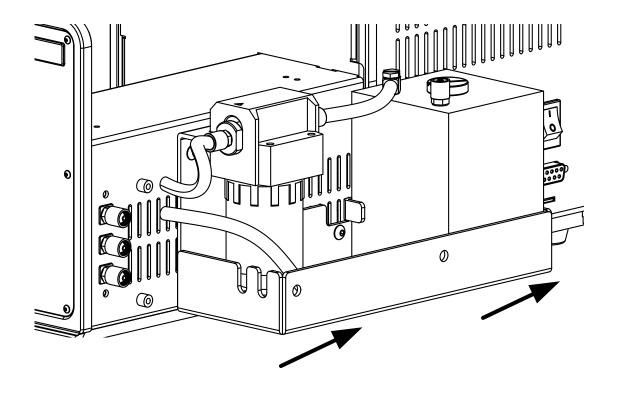


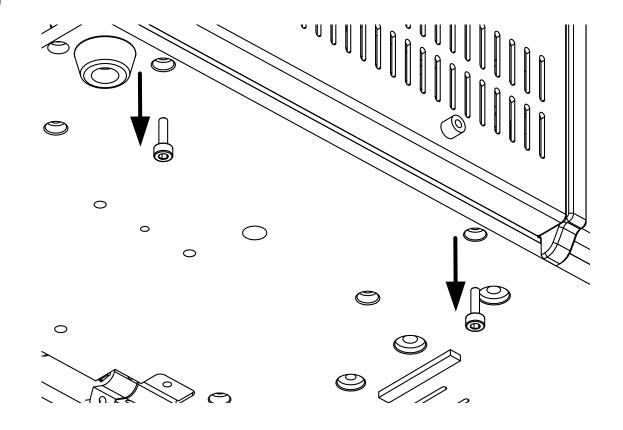




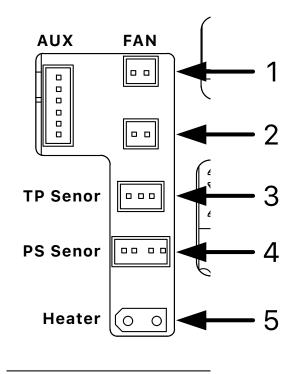




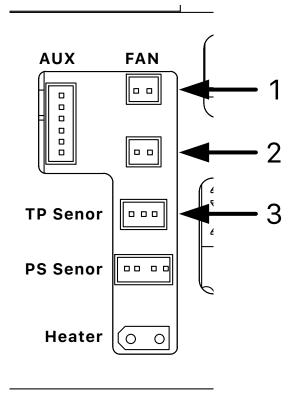




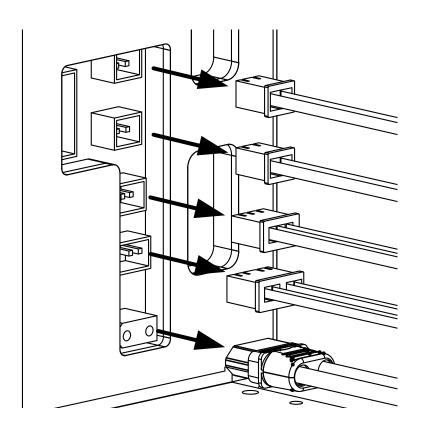


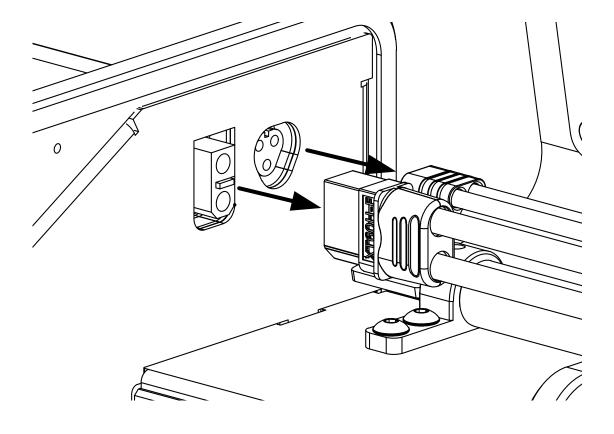


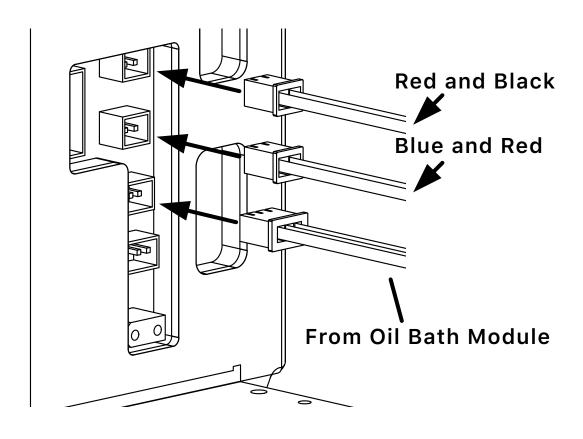
Oil Running

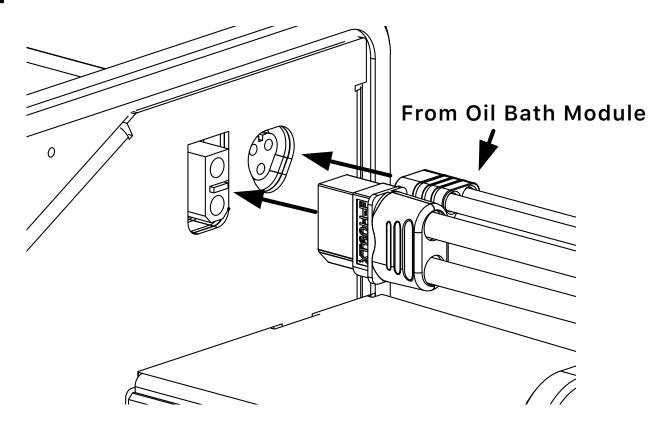


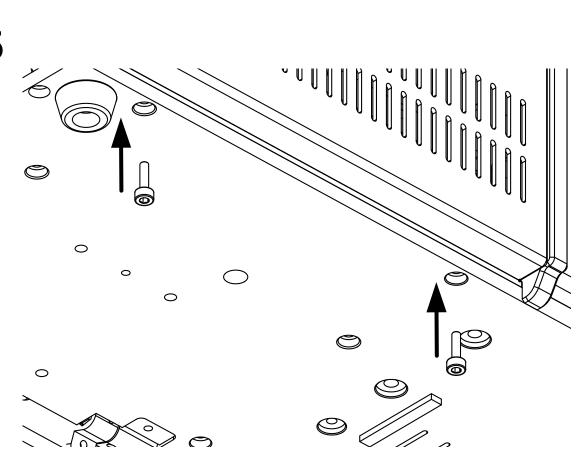
Oil Bath

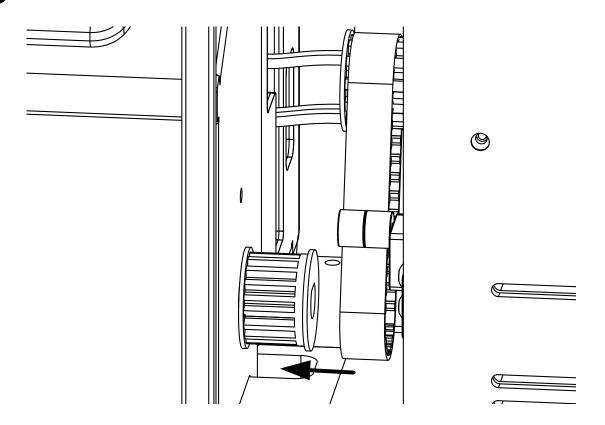


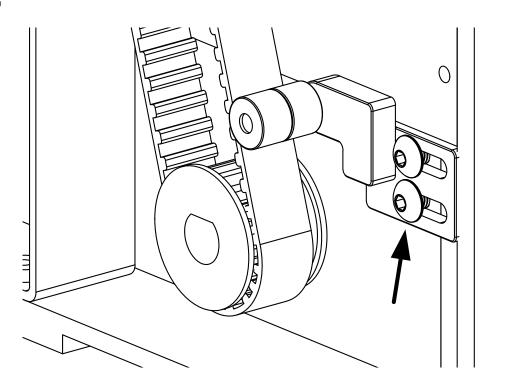




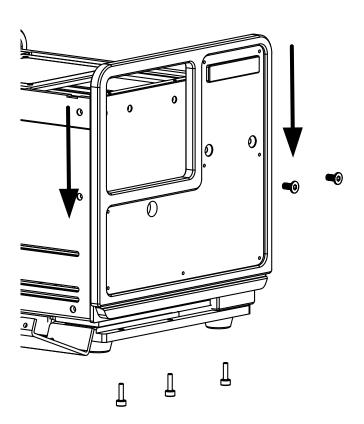


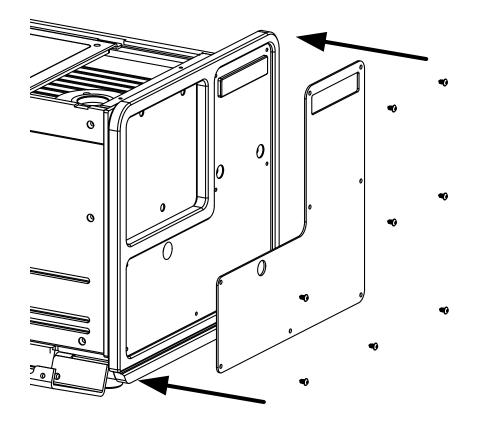


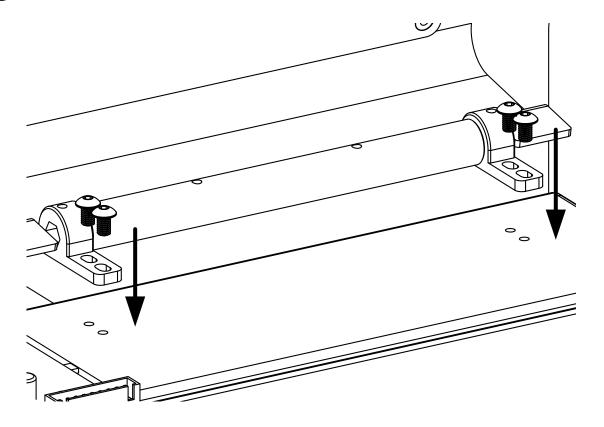


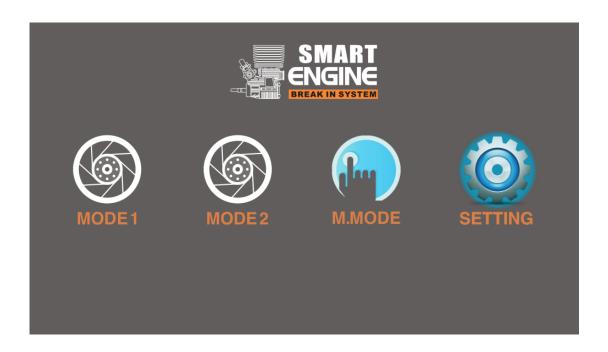


- Adjust the belt tension

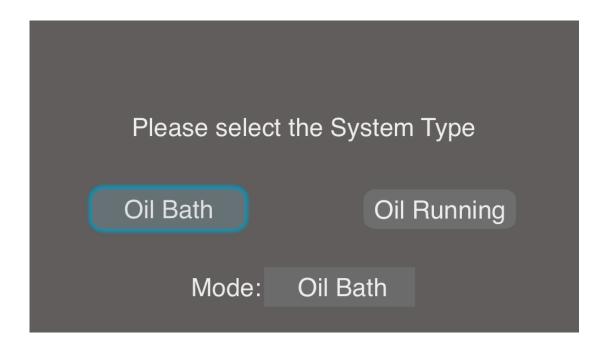




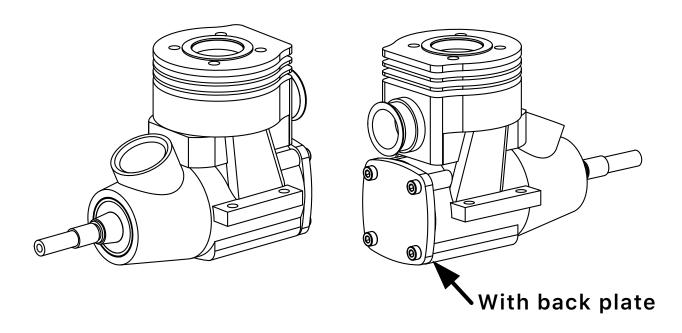


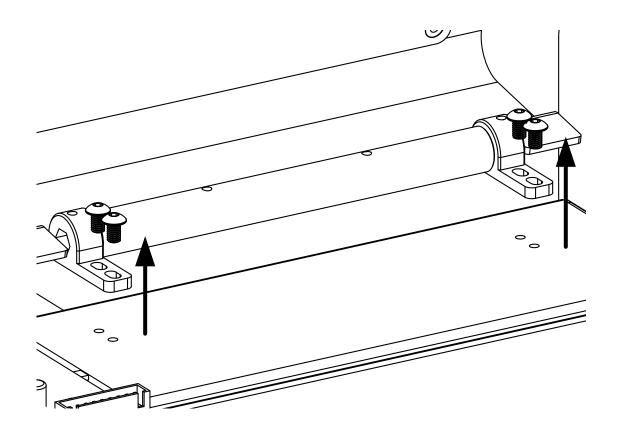


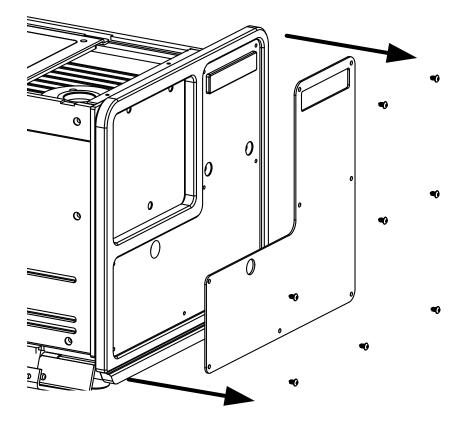


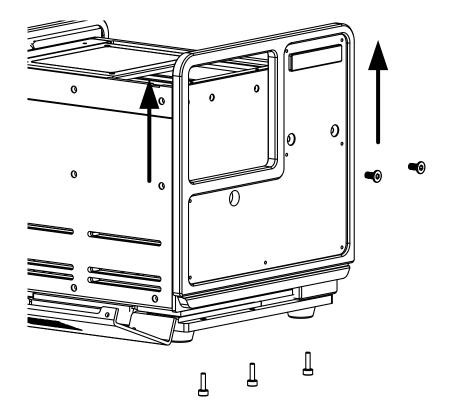


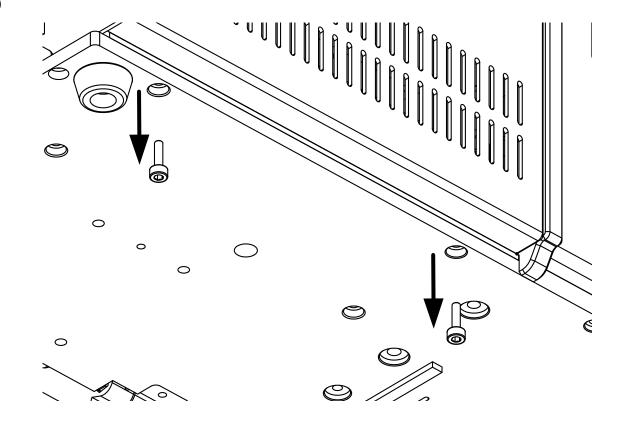
Switch to Oil Running Module

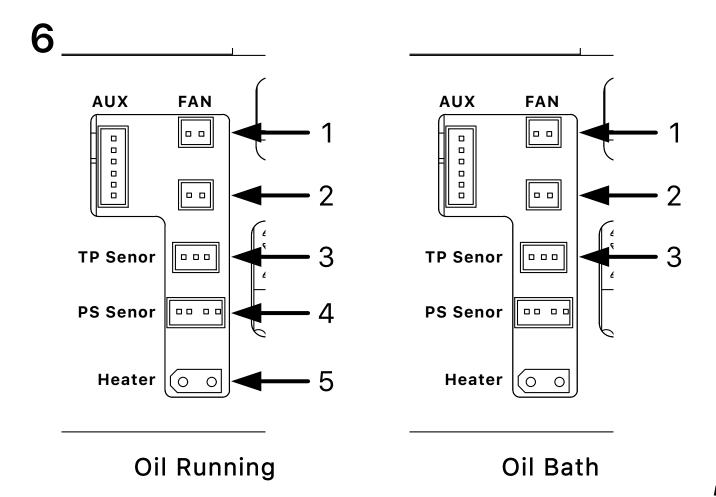


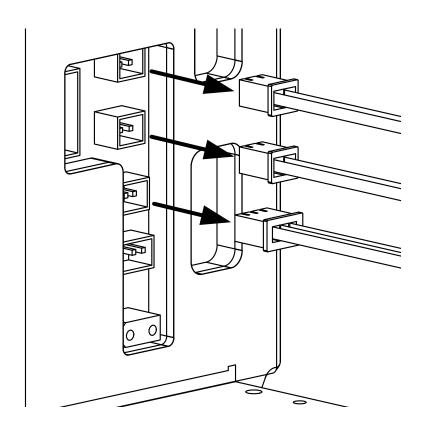


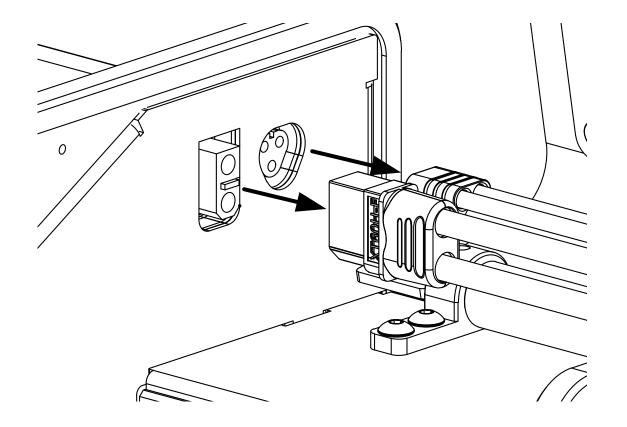


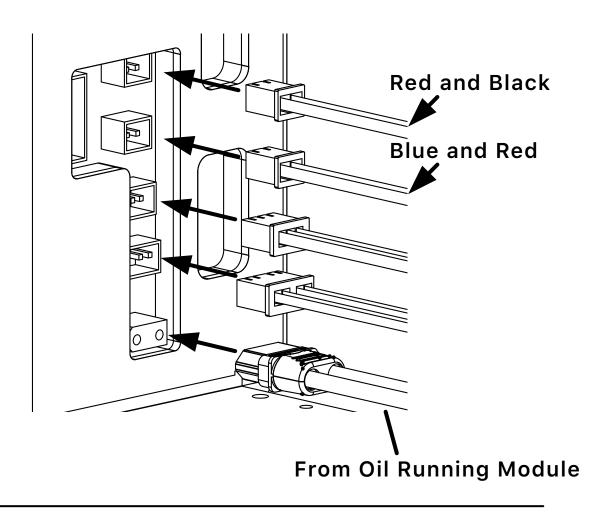


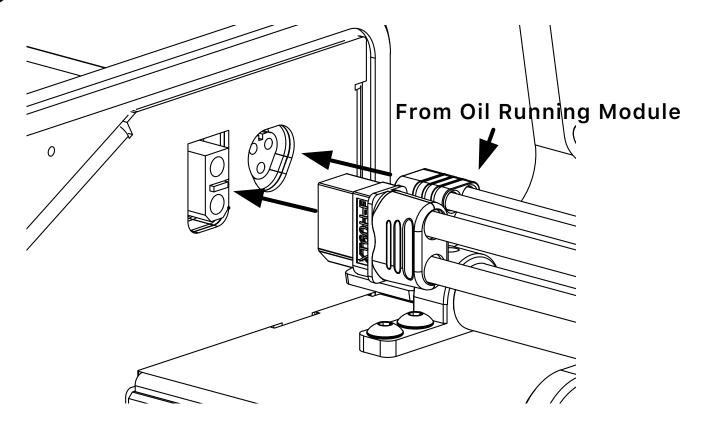


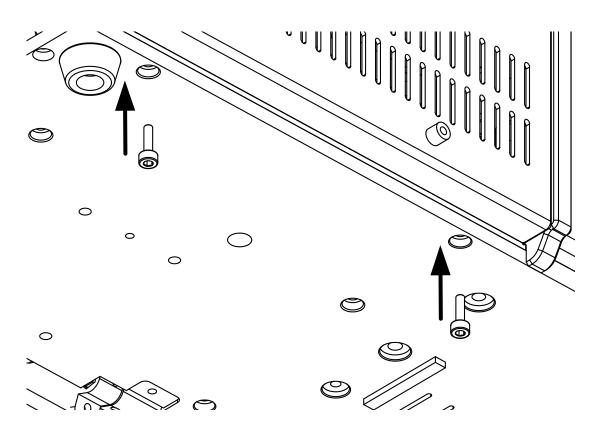


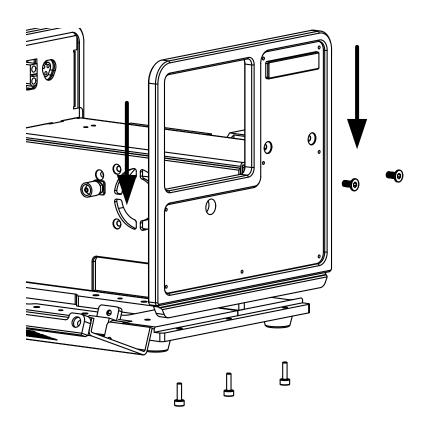


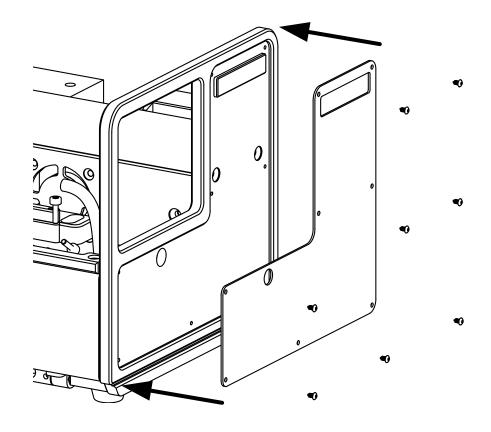


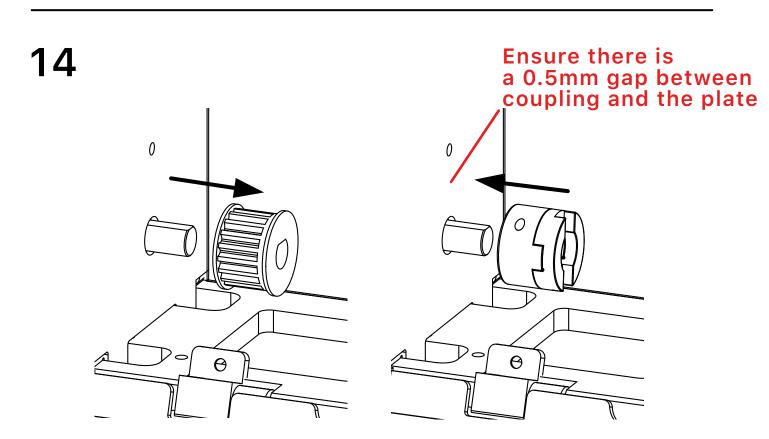




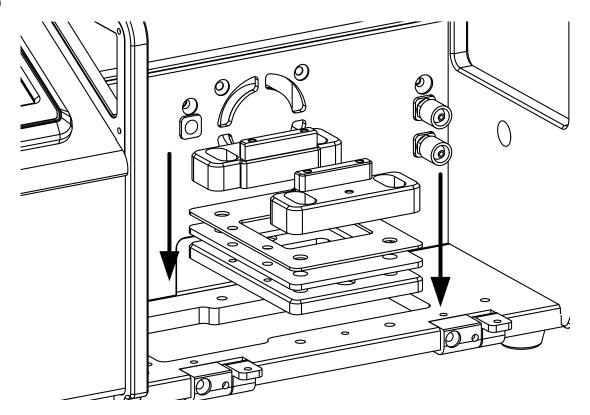


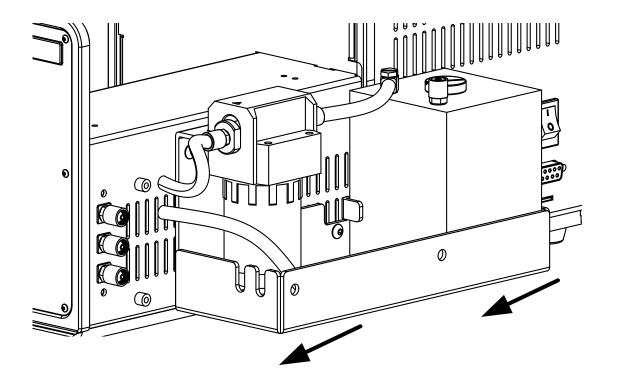


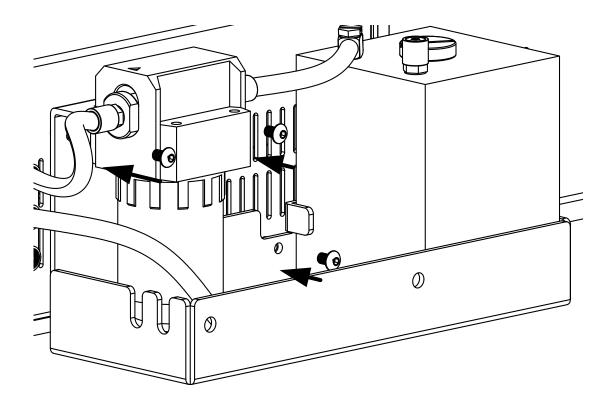


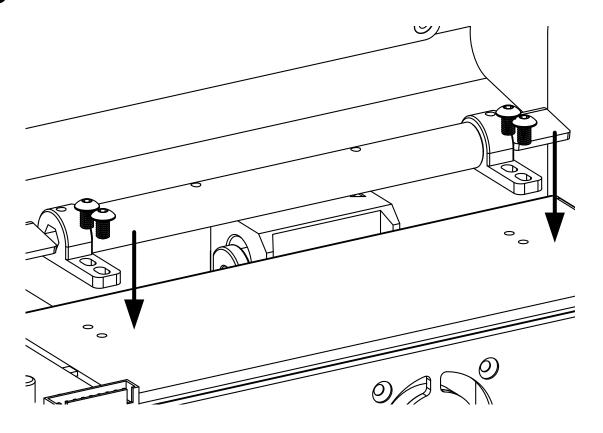


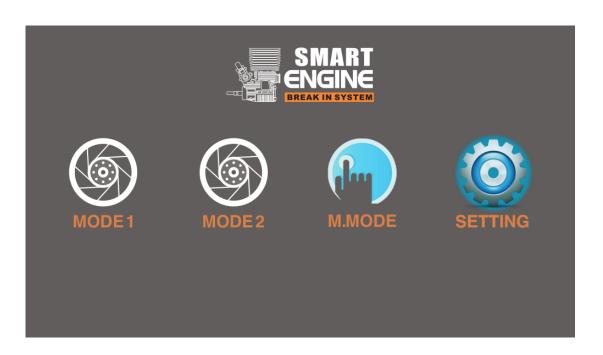
*Heat up the pulley before unscrewing the set screw



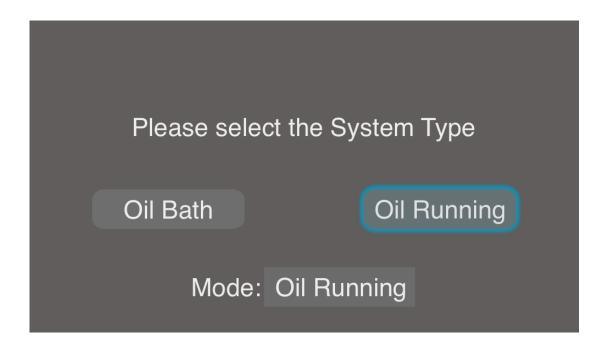




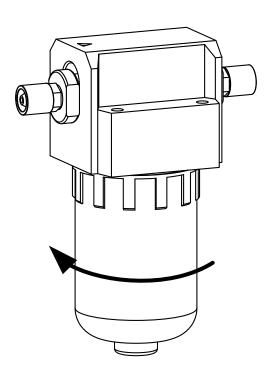


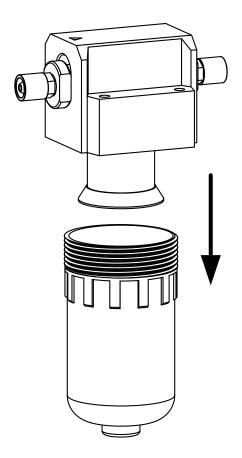






How to open Oil Filter









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