

# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

### H. UV CYCLE TIME OVER

Alarm indicates that wiper motor has a current trip or has not completed 1 cleaning cycle within preset time limit (60 to 90 seconds).

Cause	Description	Action
1	Wiper Stopped/Jammed (Overload)	3
2	Malfunctioning Reed Switch	3
3	UV Wiper motor failure	7
4	Loss of power for Wiper Motor power	5
5	Mechanical faults	2

# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

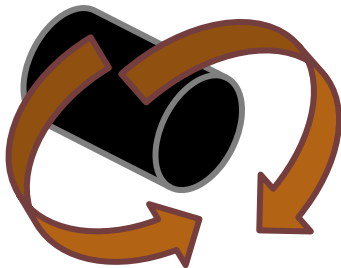
### H. UV CYCLE TIME OVER

Cause 1 : Wiper Stopped/Jammed (Overload)

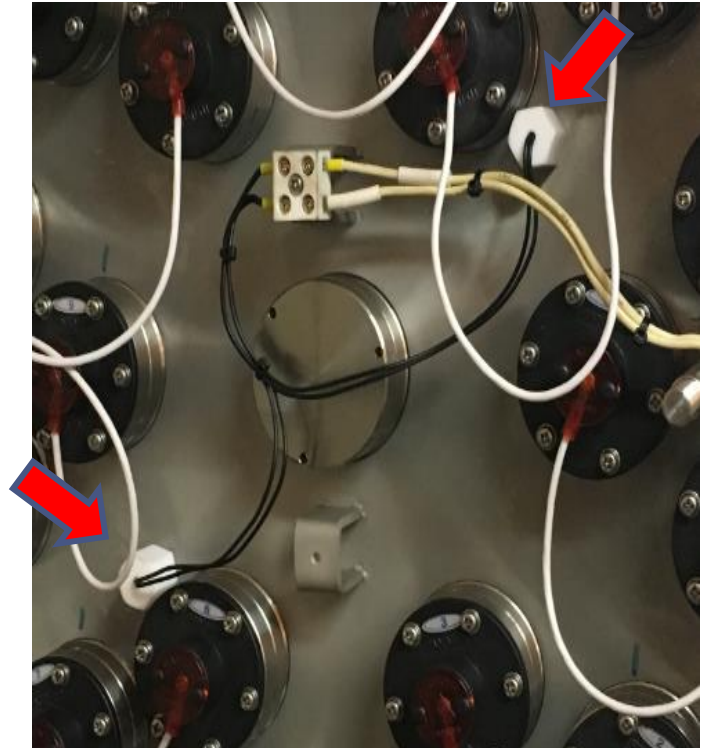
#### Action 1



Check whether the Coupling is fixed.



#### Action 2



Ensure proper installation of the Red Switch

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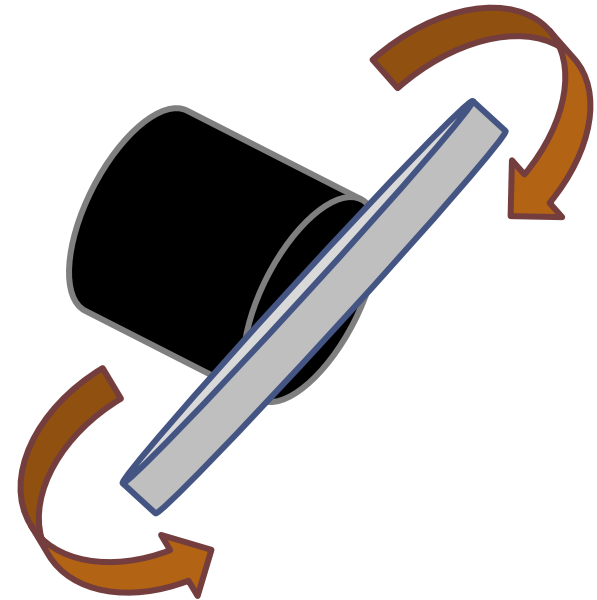
### H. UV CYCLE TIME OVER

Cause 1 : Wiper Stopped/Jammed (Overload)

#### Action 3



Free up the Coupling by unscrewing with a proper tool



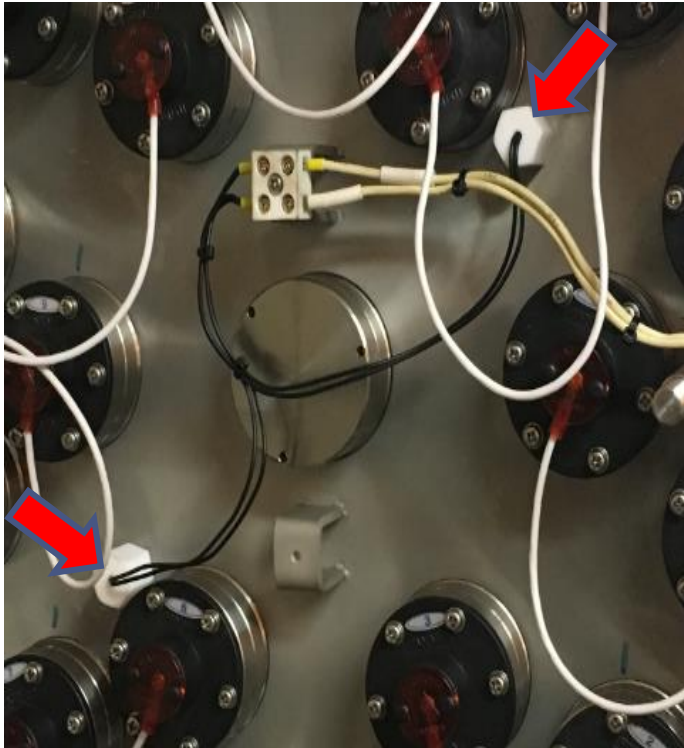
# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

### H. UV CYCLE TIME OVER

#### Cause 2: Malfunctioning Reed Switch

##### Action 1



**Ensure proper installation of the Reed Switch**

##### Action 2



CONDITION	Ohms ( $\Omega$ )
NORMAL	0~3
ABNORMAL	OL

**Check the resistance between the two wire for Reed Switch**

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Cause 2: Malfunctioning Reed Switch

#### Action 3



If it does not work, replace it with new one



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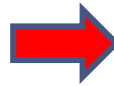
### H. UV CYCLE TIME OVER

#### Cause 3: UV Wiper Motor Failure

##### Action 1



**Dismount Wiper Motor and Coupling**



##### Action 2



**Turn the Motor Shaft by hand**

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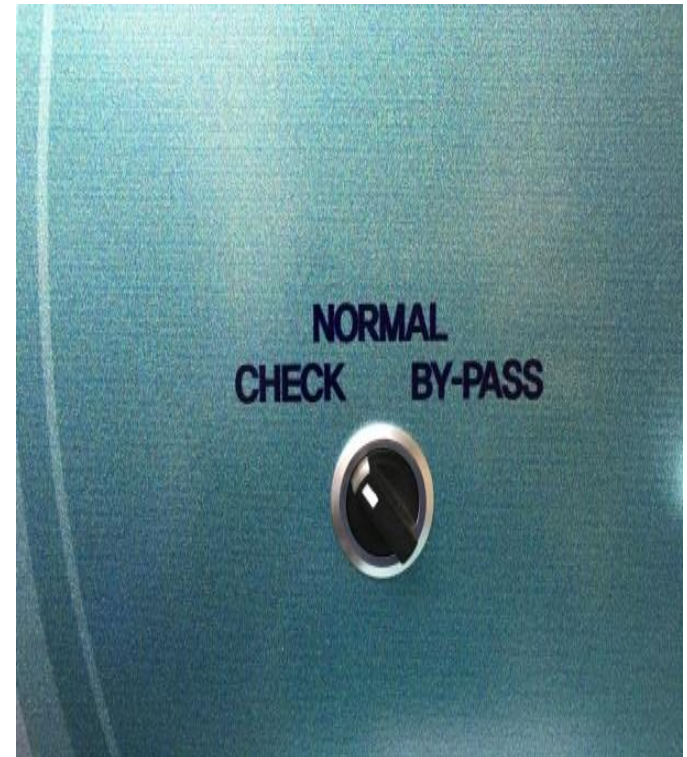
#### Cause 3: UV Wiper Motor Failure

#### Action 3



**Check the Voltage for Motor**

#### Action 4



**Change the Select Switch to "Check"**

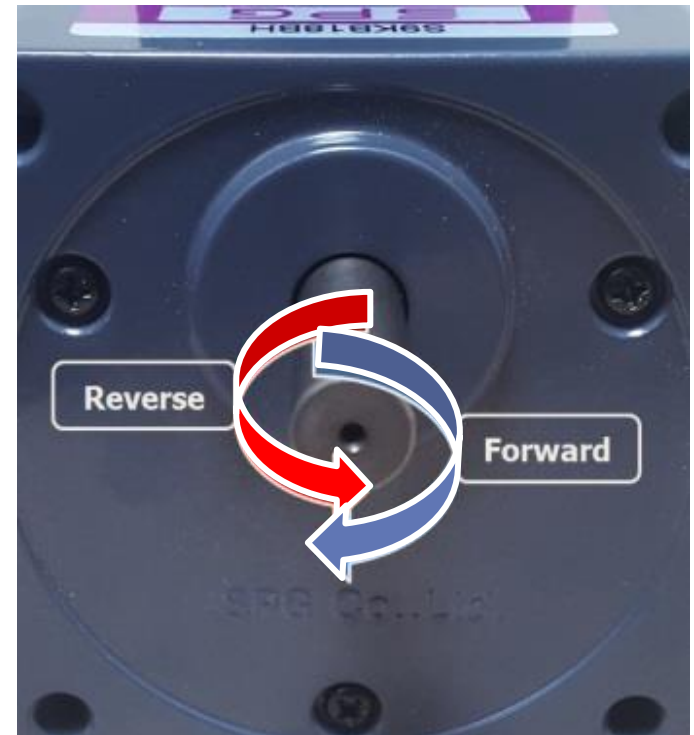
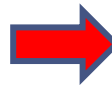
# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

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#### Cause 3: UV Wiper Motor Failure

#### Action 5



**Touch Motor FORWARD or REVERSE button**



# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

### H. UV CYCLE TIME OVER

#### Cause 3: UV Wiper Motor Failure

#### Action 5



**Touch Motor FORWARD or REVERSE button**

#### Action 6



A	B	Ohms (Ω)
W	V	16.5
U	V	16.5
W	U	33
W	EARTH	OL
V	EARTH	OL
U	EARTH	OL

**Ensure the resistance between the three wires**

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#### Cause 3: UV Wiper Motor Failure

#### Action 7



If it dose not work, replace the motor with n ew one

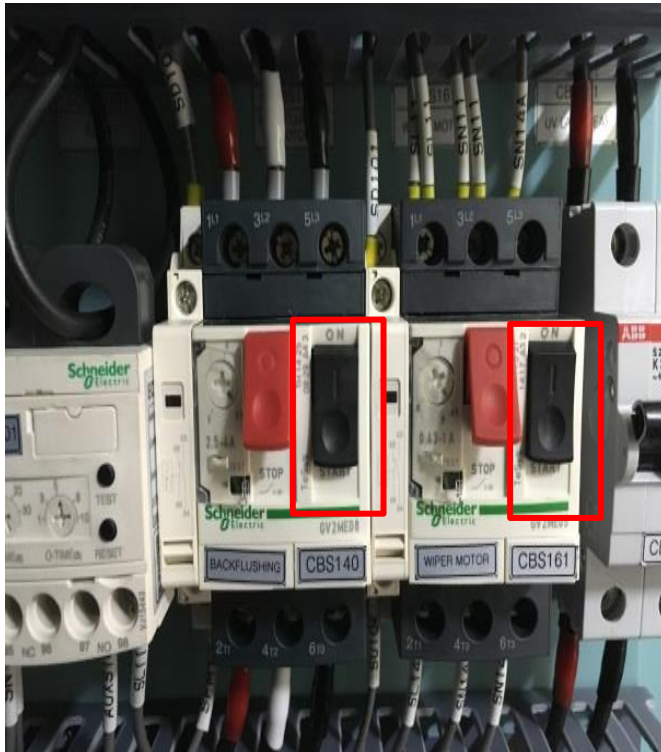
# Troubleshooting for UV unit

## V. Cause and Action for alarm/trip relating to UV Chamber(unit)

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Cause 4 : Loss of power for Wiper Motor power

#### Action 1



Check if the circuit breaker switches

#### Action 2



Power supply voltage (110/220VAC)

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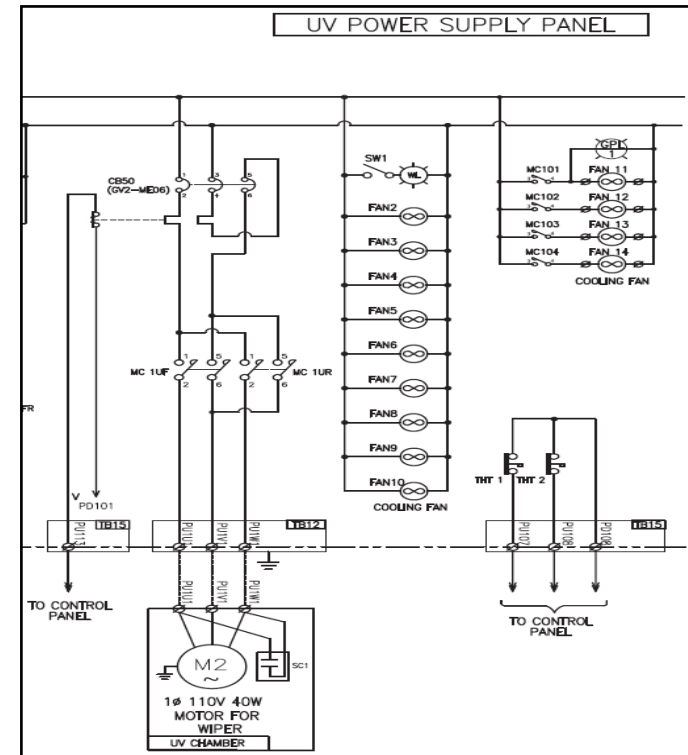
Cause 4 : Loss of power for Wiper Motor power

#### Action 3



Check if all the electric wires are connected

#### Action 4



Checking voltage with an multi-meter.



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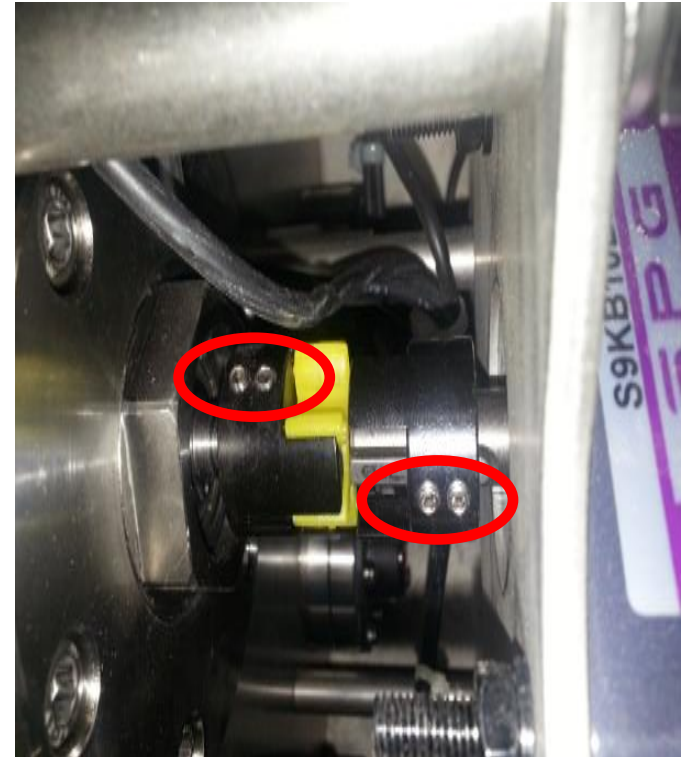
#### Cause 5 : Mechanical faults

#### Action 1



Open UV Side Cover and remove Wiper Motor.

#### Action 2



Identify and correct the cause of the Coupling and screw jam