

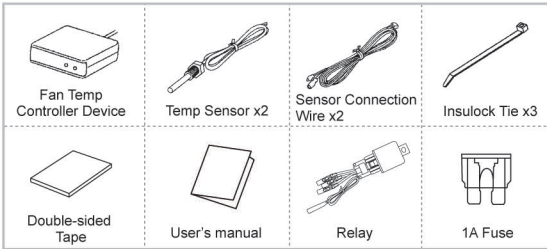
FAN TEMP CONTROLLER

INSTRUCTION MANUAL

SW-10048

CONTENTS

(the following pictures may be different from reality and they are only for reference)



CHARACTERISTICS

- Monitoring and controlling the water temp. and oil temp. at the same time
- 3 modes: water temp., oil temp., and voltage
- Digital LED display
- Adjustable alarm setting for oil temp. and voltage
- It could change the kick-in temperature of the fan, helping you prevent overheating and loss of power.

IMPORTANT

- Be sure to shut off the engine when sleeping inside the vehicle
- Failure to do so may result in exhaust poisoning
- Never leave the vehicle while the engine is running
- This could lead to accidents
- This product is designed for domestic use only. It must not be used in any other country.
- Be sure to secure this unit in a safe location away from the driver. Failure to do so may lead to accidents.
- Do not expose the unit to excessive shock. This could lead to unit malfunction.
- Never use this unit on a vehicle that is not intended for use. We cannot guarantee proper operation of this unit on non application vehicles.
- Be sure that the unit has been properly connected when selling the vehicle.
- Also, be sure to provide the instruction manual to the new user.
- Be sure to test unit operation and safety wire operation after installation.

OPERATION DESCRIPTION

Temp Display

- Range: Water Temp (using temp. sensor) : 10°C ~ 150°C
- Oil Temp (temp. sensor used only) : 10°C ~ 150°C
- Fan control set temp display (if any)

Temp above display range = H H H
Temp under display range = L L L

Auto Switch Display Monitor: The lamp is on for auto switch display.
Water Temp Display Monitor (blue)
Oil Temp Display = lamp on ● Set fan start temp. = flashing

Oil Temp Display Monitor (red)
Oil Temp Display = lamp on ● Set oil temp. = flashing

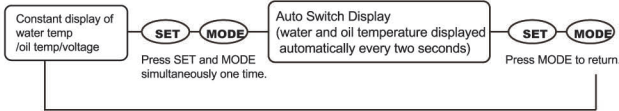
Voltage Display Monitor (green)
Voltage Display = lamp on ● Set low voltage = flashing

MODE Button
SET Button

for setting and switching. Refer to *Operation Procedures

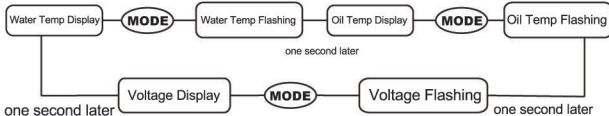
Operation Procedures

- Switch between constant display and auto display.
- Press SET and MODE simultaneously for auto switching.



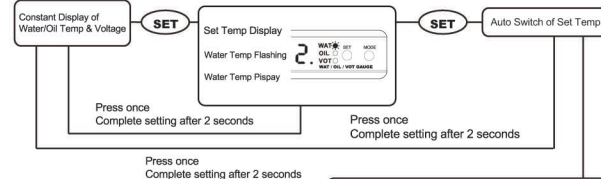
Constant display of water temp/oil temp/voltage

- Changes are made by the MODE switch under Constant Display mode only.



Set fan temperature

- Changes are made by the SET switch under Constant Display mode only.



- SET Auto Switch of Set Temp
Press once Change by pressing the SET switch
Caution: OFF = no control (for manufacturer only)
Caution: To verify the set fan control temperature, press the SET switch one time. Normal display will be resumed automatically after two seconds.

Fan temp setting	
↑	70°C → 72°C → 74°C → ↓
OFF	88°C
↓	90°C
↑	100°C → 98°C → 96°C → 94°C → ↓

Notice

- Caution:
- Ensure to connect the lines and sensors exactly and sensors need to be tightened properly.
Water Temp Sensor =
Sensor connection wires are required for display of water temp.
 - Ensure to connect each part exactly to avoid a bad connection (An incorrect connection may result in operation errors.).
Ensure to insulate the connection areas.

Connection Method

Error	Reason	Measures
Lamp not lit and no temp display with key switch on	<ul style="list-style-type: none"> Bad red cord connection Bad orange cord connection Bad black cord connection 	Verify cord connection and status.
Water temp display of - - -	<ul style="list-style-type: none"> Temp sensor fails (breakdown). Bad temp sensor line (bad connection & disconnection, etc.) Temp sensor fails (breakdown). 	Verify status of temp sensor and cords.
Oil temp display of L L L	<ul style="list-style-type: none"> Temp displayed is lower than the "Temp Display Range." 	
Oil temp display of H H H	<ul style="list-style-type: none"> Temp displayed is higher than the "Temp Display Range." 	
The water temperature reaches the set temperature, the fan did not make the move	<ul style="list-style-type: none"> Wire installation error. The fuse has blown. 	<p>Make sure the wire installation for errors.</p> <p>Make sure the wire installation for errors and replacement of spare fuses</p>

- Caution:
- If you find a blue line of the 1A fuse has blown, make sure that the wire installation for problems and replacement of spare fuses. Do not use more than this specification fuse, to avoid the product or vehicle breakdowns.

HARNESS

