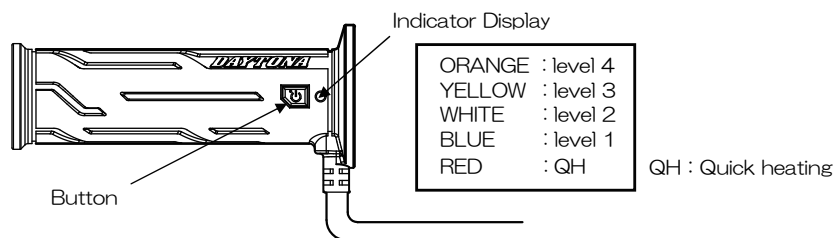


SEC.5 OPERATION

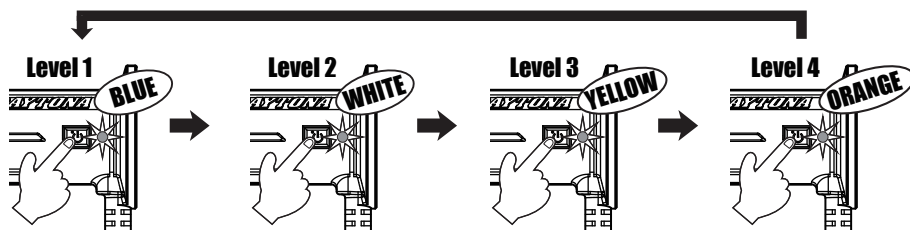


To turn the power ON :

Hold down the button for around 3 seconds.

Changing the Heat Level :

Press the button to change the heat level.
Level will change every time pressing the button.
Ex.) Level 1⇒2⇒3⇒4⇒1



To turn the power OFF:

Hold down the button for around 3 seconds.

Memory Function:

The heat level of the previous session is memorized and recalled at the next use.

Quick Heating:

Quick heating function always works for 4 minutes from the start.
During the quick heating, the "Red LED" flashes.
Quick heating can be cancelled by pressing the button.

Battery Protection:

Heated Grips turn off automatically when the input voltage is lower than DC12V for more than 5 second.

※Once turned off, it will not be turned on automatically even though the battery goes back.
(Need to hold down the button for 3 seconds to start again.)

Instruction Manual



HEATED GRIPS BUILT-IN 4-LEVEL HEAT CONTROL SWITCH WITH BATTERY PROTECTION

SEC.1 WARNINGS

(A) General

- Designed for DC12V power source, will NOT work with DC6V.
- If the battery is exhausted, the battery protection will be activated and the power will not turn on.
- Do not cut, bend, twist or hit the grips.

(B) Installation

- Do NOT connect to a wire that connects to ECU.
- Do NOT connect to a wire that connects to immobilizer.
- Do NOT connect to a wire that connects to headlight/ winker/ horn.
- Do NOT connect directly to battery.
- Do NOT cut any wire to connect.

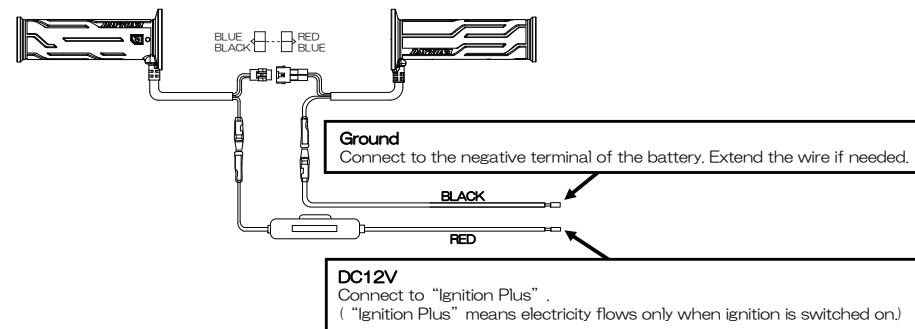
(C) Operation

- Do NOT hold grips with bare hands while it's operating.
- Need to always wear motorcycle gloves.
- To save battery power, use the heated grips only when the engine is running.
- This grip requires a battery voltage of DC12V or higher.

SEC.2 COMPONENTS

#	DESCRIPTION	Q' TY	#	DESCRIPTION	Q' TY
①	Left Grip	1	④	Extension Wire (Plus, Minus)	2
②	Right Grip	1	⑤	Cable Tie	2
③	Insulation Displacement Connector	2	⑥	End Cap	2
			⑦	Instruction Manual	1

SEC.3 WIRING DIAGRAM



OEM Wiring Color List

Manufacturer	Plus (Red wire in the kit)	Minus (Black wire in the kit)
HONDA	Red/ Black, or Black	Green
YAMAHA	Brown, or Brown/ Blue	Black
SUZUKI	Orange	Black/ White
KAWASAKI	Brown	Black/ Yellow

*** OEM Wiring Color List is only for your reference. Wiring color might be different between the model, country, or model year. Please check with the vehicle owner's manual or voltmeter.

SEC.4 INSTALLATION

Before installing the heated grips, it is recommended to check if they are functioning correctly. To carry out this pre-installation check, connect coupler of Left & Right grips and also connect Extension Wires.

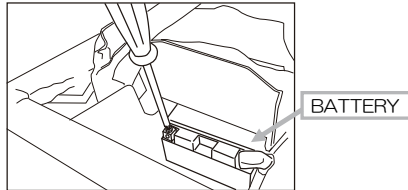
Attach RED wire to the positive post of the vehicle's battery and BLACK wire to the negative post. Then hold down the button of Left grip for 3 seconds to turn on.

Wait for 1 minutes until it is clear that the grips are warm and functioning correctly.

※Please don't warm the grips up for more than 2 minutes, which becomes dangerous being too hot.

If in doubt about the functionality of either grip, contact your dealer before installing.

1. Disconnect the negative terminal of the vehicle's battery.



2. Remove the existing handlebar grips.

3. Remove any residual glue on the handlebar or throttle sleeve before the Heated Grips are attached.

If any anti-slip ribs on throttle sleeve remains, remove by scraping them off with a knife so that the Right grip slides easily onto the throttle sleeve.



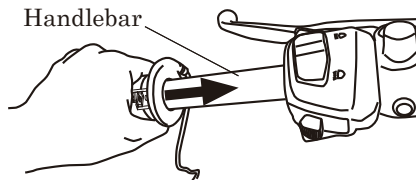
4. If the diameter of handlebar or throttle sleeve is too big and the installation looks tight, remove the inner ribs of Heated Grips by scraping them with a file.

5. Degrease and clean inside of the Heated Grips and also the surface of the handlebar and throttle sleeve.

6. Slide the Left grip onto handlebar and the Right grip onto throttle sleeve. Attach them using a heat resistant glue (two liquid type epoxy glue is recommended).

※ If your handlebar was painted or powder coated, please remove this coating in the area of the heated grip as the original diameter is needed for correct mounting.

※ If fitting is loose due to the inner space between grip and handlebar, wrap the Teflon tape around handlebar.



Depending on the diameter of handlebar, mounting heated grips might be very tight. Don't hit the grips by hammer, which makes them broken.

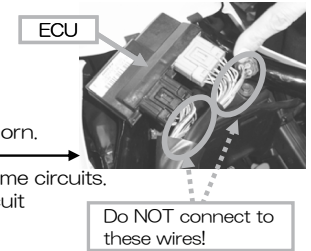


After installing Right grip, ensure the wire not interfere the acceleration movement. Ignoring this procedure may cause serious injury while riding.

7. Find suitable wires and connect the Red & Black wires from the Heated Grips.

CAUTION

Do NOT connect directly to battery.
Do NOT cut any wire to connect.
Do NOT connect to a wire that connects to immobilizer.
Do NOT connect to a wire that connects to headlight/winker/horn.
Do NOT connect to a wire that connects to ECU.
Some fuel-injected vehicles control the maximum current on some circuits. Be sure to connect the red wire from the Heated Grips to a circuit that has no such restriction. If in doubt consult your dealer.



1. Connect the Red wire to DC12V wiring using the insulation displacement connector provided.

Tips for DC12V wiring:

We recommend you to use "Ignition Plus" wiring comes out directly from ignition key cylinder.

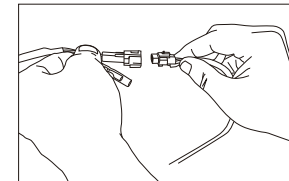
- Use voltmeter to find which wire is "Ignition Plus".
- This wire might be too thick to connect with insulation displacement connector. In that case, follow the wire until you find out appropriate wire thickness to connect.

2. Connect the Black wire to Ground wiring.

Tips for Ground wiring:

Negative terminal of the battery is recommended. However, if you wish to connect it to vehicle's frame, ensure that any paint or corrosion is removed using emery paper to ensure a good electrical connection.

8. See the wiring diagram on SEC.3, and then connect the remaining heated grip wires accordingly using insulation displacement connectors.



9. After installation, move the handlebar to the left and right in order to ensure nothing obstructs the steering movement.

10. Re-connect the negative terminal to the vehicle's battery and tighten it firmly.