KOSO Feel The Speed

INSTRUCTION

●Thank you for purchasing our product. Before installing, read the instructions carefully and retain them for future reference.

⚠ Attention!

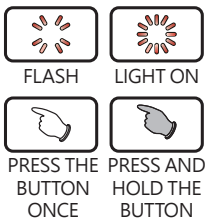
- For installation, follow the steps on the instruction sheet. Any damage caused by faulty installation shall be imputed to the users.
- Do not break or modify the wires. To avoid a short circuit, do not pull the wires out of the terminals during installation.
- Do not disassemble, alter or change any parts.
- Maintenance or repairs should be executed by a certified Koso technician.

⚠ Some procedures must be followed to avoid damages caused by wrong installation.

⚠ **WARNING!** Some procedures must be followed to avoid damages to yourself or the public.

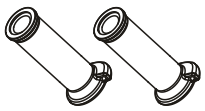
⚠ **CAUTION!** Some procedures must be followed to avoid damages to the vehicle.

READ CAREFULLY ! If any information dealt with in the instructions remains unclear, seek professional assistance.

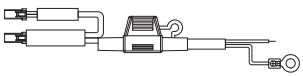


1 Accessories

1 Heated grip x2



2 Harness Kit x1



3 Bar-end Cap x2



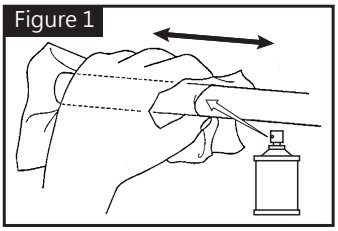
4 Glue x1



2-1 Practical installation instructions

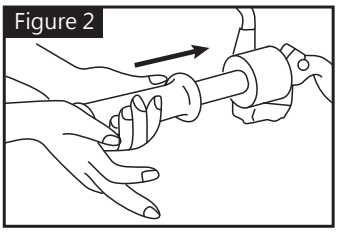
Heated grips installation proceedure

Figure 1



1. Use an appropriate tool to remove the original handlebar grips.
2. Apply a cleaning agent and wipe back and forth to remove the glue residue from the handlebar.

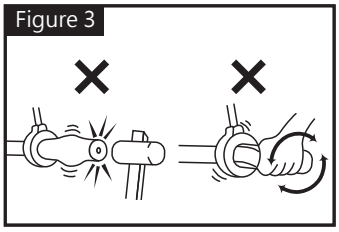
Figure 2



3. Push the heated grip straight onto the handlebar.

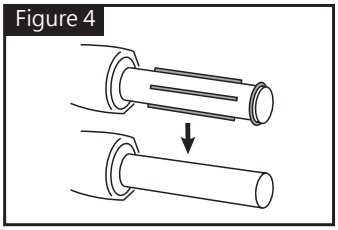
NOTE If the heating grip and the handlebar are loose; then apply the super glue (Accessory 4) to strengthen the hold to ensure that there will be no twisting during riding.

Figure 3



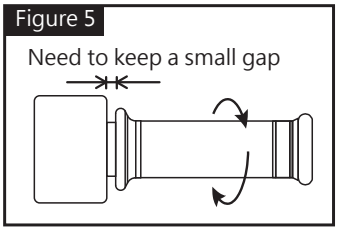
⚠ CAUTION!
To install, do not use any tool to knock the grip on. Do not twist the grip by hand or with a tool. By doing so, this may break or damage the wire inside the grips.

Figure 4



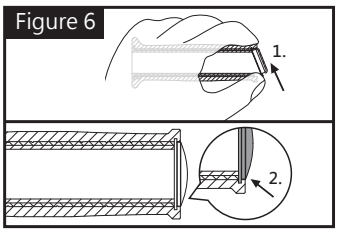
⚠ CAUTION!
Before installation, remove the ribs on the throttle sleeve and make sure the surface is flat. Do not push the grips in by force without removing the ribs, improper installation will cause damage to the product.

Figure 5



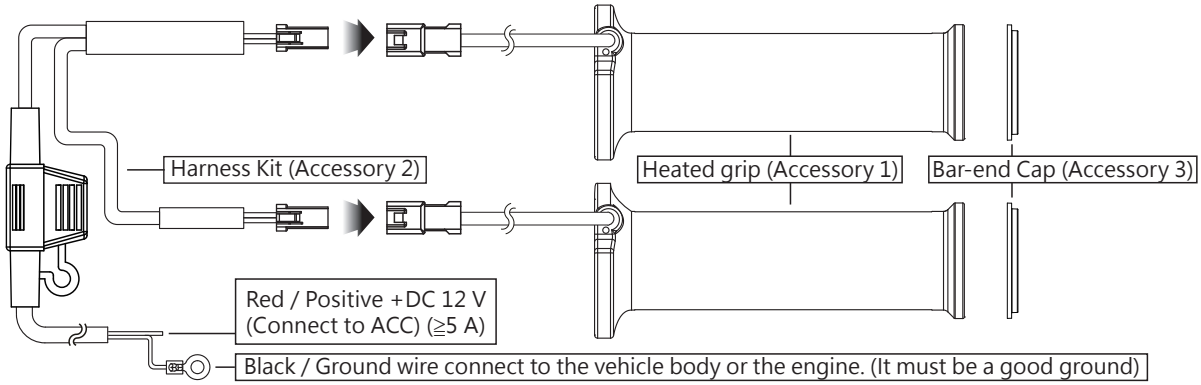
⚠ CAUTION!
To install the heating grip onto the throttle sleeve, the throttle must maintain a small gap with enough distance for the wire; You must test them by rotating back and forth to make sure they can twist freely.

Figure 6



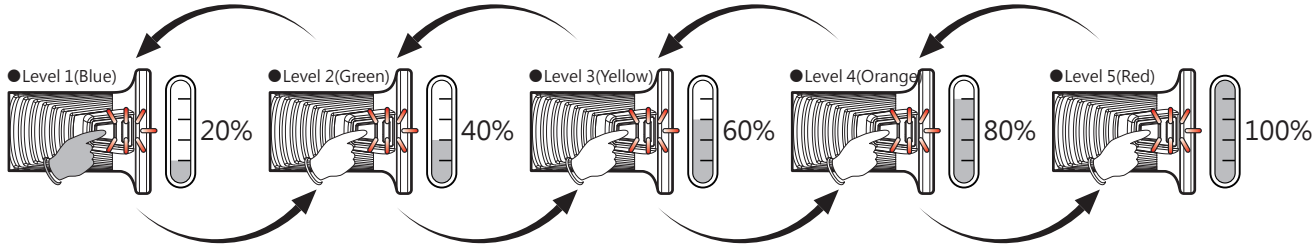
4. To install the end cap into the heating grip, insert the top cap into the top groove and then press it downward into the bottom groove.

2-2 Wiring installation instructions



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3 Heating Function Instruction



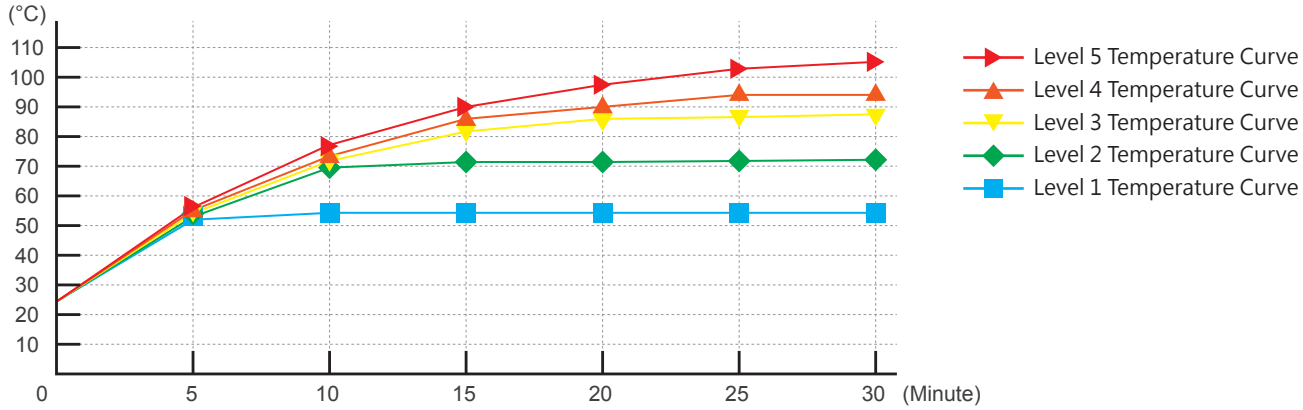
- Hold the button : On / Off
  Default value : Level 1
- Button once : Please refer to above diagram to swtich the heating level accordingly.

NOTE It is under off mode and no heating and no light flash if the button is not pressed.

Press and hold the button for 3 seconds to turn off the heated grips in any level.

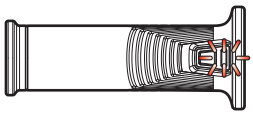
The grips feature a memorizing function which means no matter what level they were shut down on,they will restore to the previous level once turned back on.

4 Apollo Heated Grip Testing Data



NOTE The testing environment is under 26 Degrees Celsius, with a working voltage of 13.5V.

5 Low Battery Warning Instruction



On (low voltage)

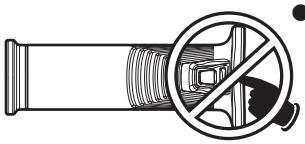
- Low Battery Warning Activate Condition : When voltage lower than 11.5 V for more than 5 seconds.
- Heating Output : Turn-Off
- Indicator : Red Light Flashing
- Hold the button / Button once : Turn-Off

Off (low voltage)

- Low Battery Warning Activate Condition : When voltage lower than 11.5 V for more than 5 seconds.
- Heating Output : Turn-Off
- Indicator : No light
- Long press until red indication light flash three times to switch off the product.

NOTE Condition to Restore Normal Status : Detected voltage higher than 12.5V for more than 2 seconds.

6 Caution



- Do not push the rubber part too hard, it might cause damaged the grips.

7 Trouble shooting

The following situations do not indicate malfunction of the grips. Check the following before contacting us.

Trouble-1	Check item
No LED indicator lighting up.	●Could be due to an improper connection between the connectors. → Check each connector to confirm the connection. ●Could be the fuse was burnt. → Replace the 4A fuse with aTerminal Car Fuse.

※If the problem couldn't be solved after above checking, contact KOSO directly.

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