SEGWAY

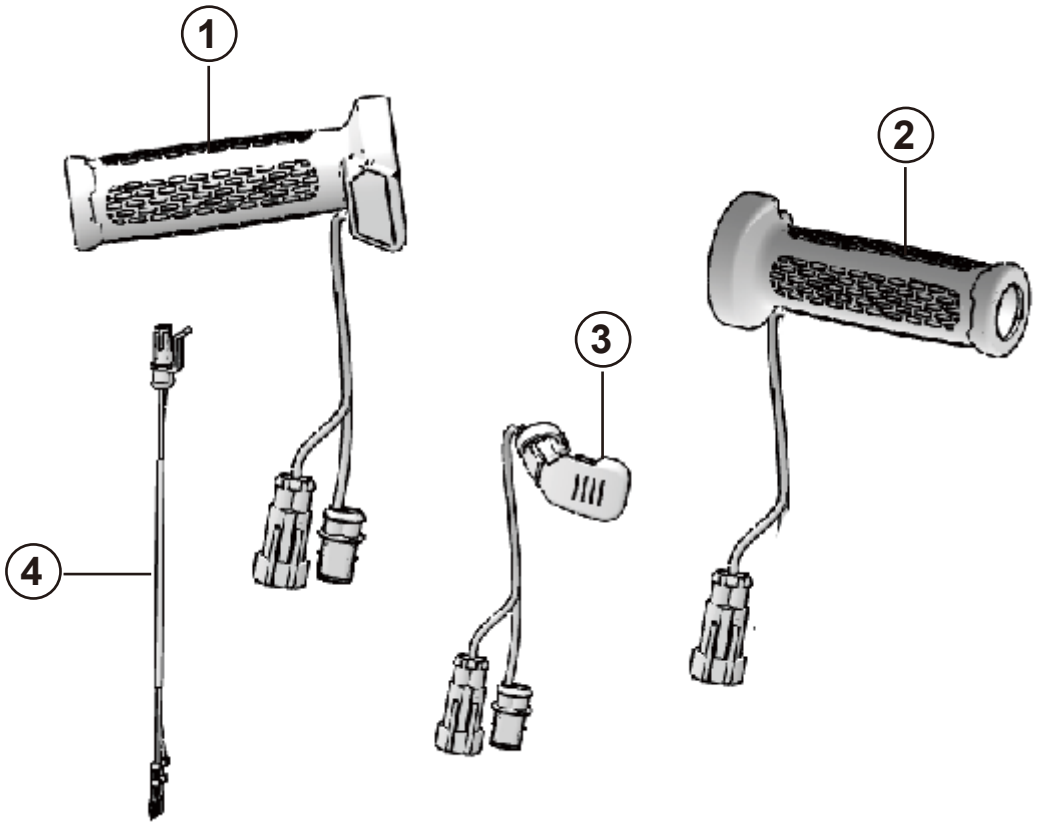
SEGWAY AT6
ACCESSORIES INSTALLATION MANUAL



segwaypowersports.com

V5.0

HANDLE HEATER



ITEM	PART NAME	PART NUMBER	QTY	REMARKS
1	LEFTHEATED GRIP	A01-R091001-000-00	1	AT10/AT6/AT5
2	RIGHT HEATED GRIP	A01-R091002-000-00	1	AT10/AT6/AT5
3	FINGER HEATER	A01-R091003-000-00	1	AT10/AT6/AT5
4	FINGER HEATER POWER CORD	A01-R091004-000-00	1	AT10/AT6/AT5

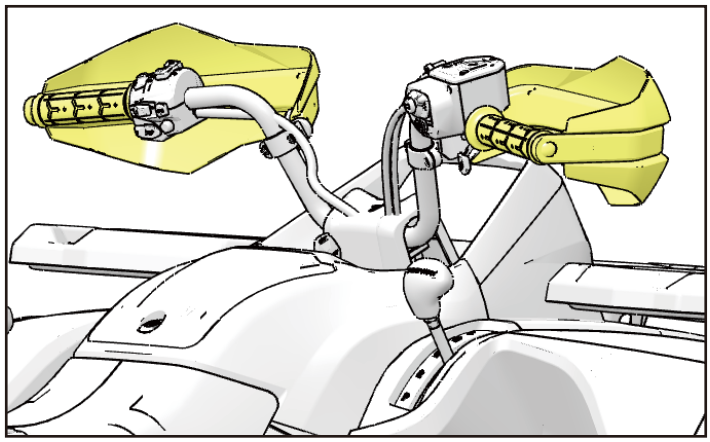
⚠ CAUTION

These installation instructions apply to multiple ATV models. Illustrations may vary slightly; please refer to the actual vehicle .

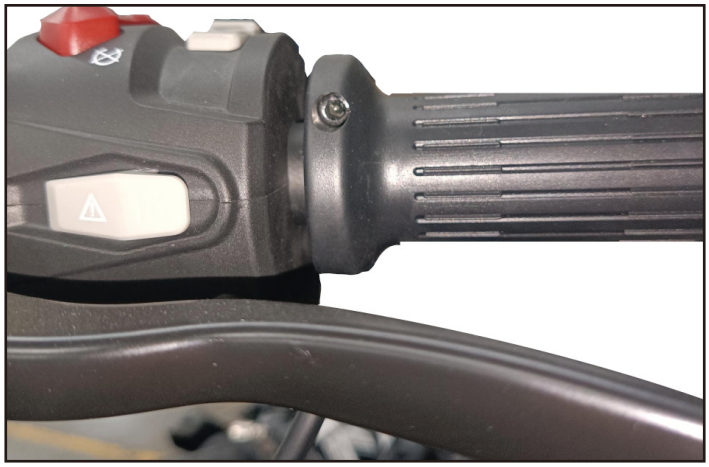
HANDLE HEATER INSTALLATION

1. Remove the original handlebar covers from the vehicle, then pull the handlebar grips out of the

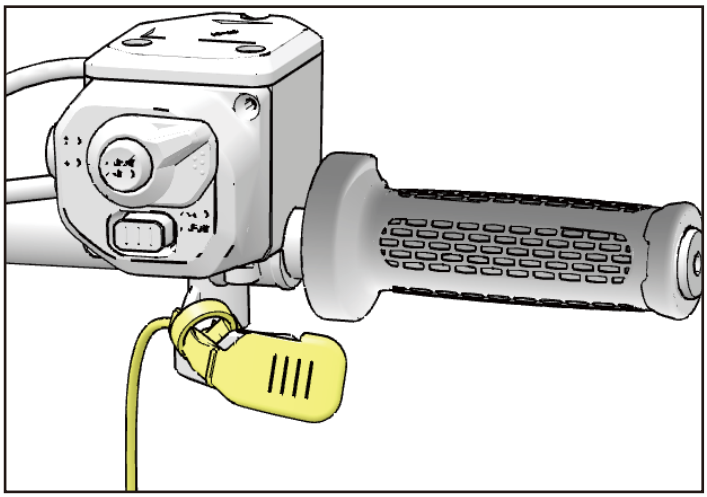
handlebar tubes. Pulling out the grips may require considerable force.



2. Loosen the bolts on the heated grip sleeve. Insert the heated grip sleeve into the handlebar tube. Due to the tight fit, installation requires considerable force. Once the heated grip is fully seated, retighten the loosened bolts. (Ensure correct left/right orientation)



3. Place the thumb warmer over the fueling handle and secure it with a cable tie



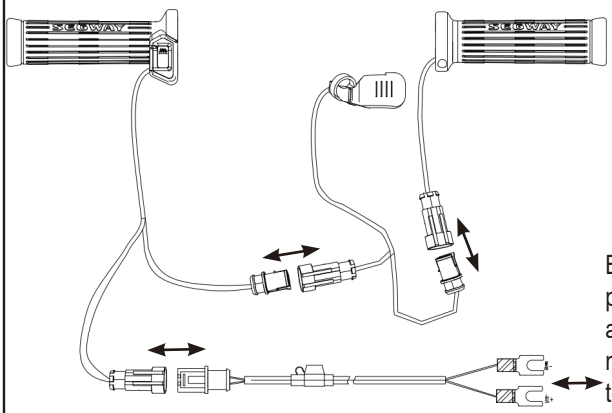
TIPS

Confirm whether your model's main cable is equipped with a heated handle power connector.

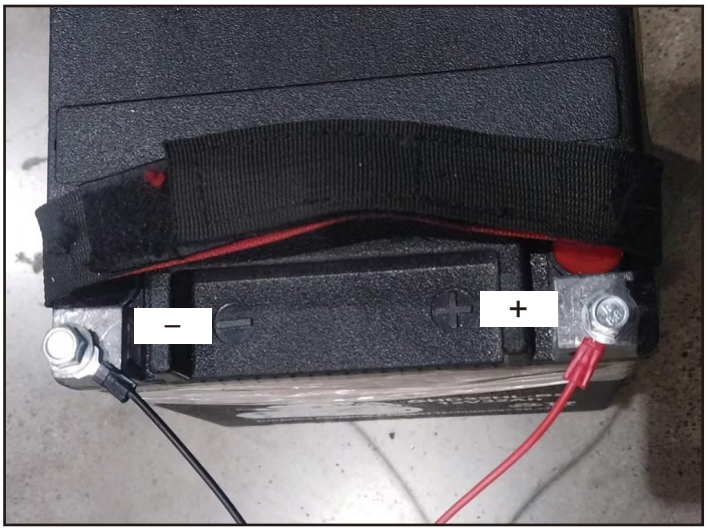
4. MAIN HARNESS：

4.1 Connect the left heated grip, right heated grip, thumb heater, and heated grip power cord as shown in the figure below

Main Cable Wiring Diagram Without Power Connectors



4.2 Locate the battery. Loosen the bolts on the positive and negative terminal cables of the battery. Connect the other end of the heated grip power cord to the positive and negative terminals of the battery respectively (positive to positive, negative to negative)



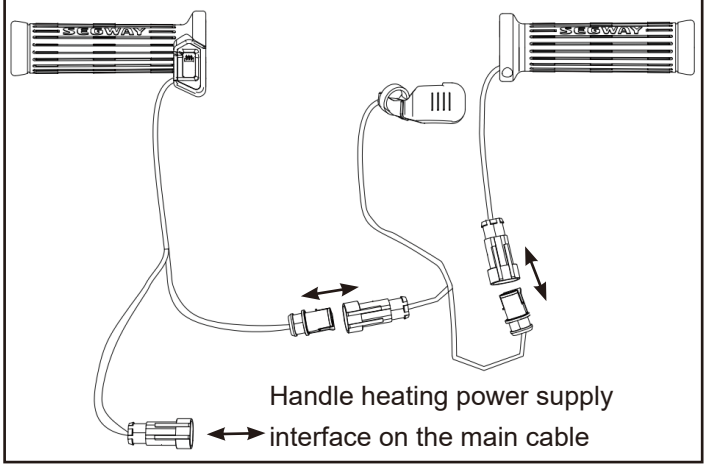
4.3 Start the vehicle and perform the handlebar heating test (refer to the “Heating Switch Operation” section for handlebar heating procedures). After confirming proper installation, secure each cable in its appropriate position using cable ties.

4.4 Reinstall all previously removed components.

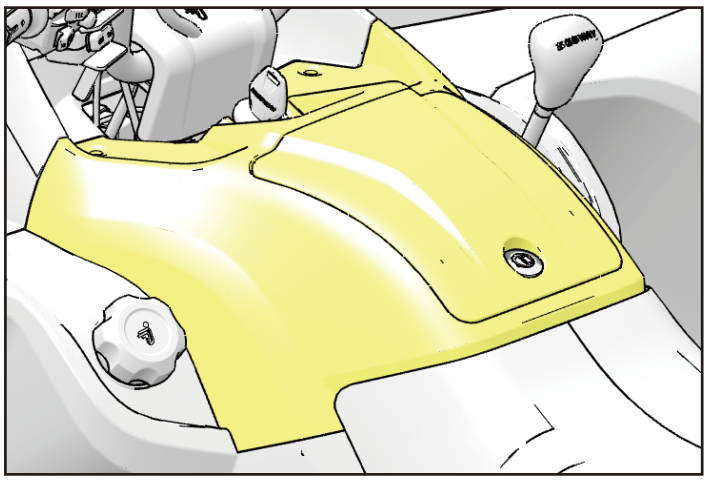
5. MAIN CABLE WITH POWER CONNECTOR:

5.1Connect the left heated grip, right heated grip, and thumb heater as shown in the diagram below.

Main Cable Power Interface Wiring Diagram



5.2 Remove the front storage compartment lid; the handle heating power connector is located underneath.



5.3 Connect the power interface on the left heated grip to the vehicle's grip heater power interface.

5.4 Start the vehicle and perform a grip heater

function test (refer to the "Heating Switch

Operation" section for operating instructions).

Once correct installation is confirmed, secure the cables in place using cable ties at appropriate

positions.

5.5 Reinstall all previously removed components.

HEATING SWITCH OPERATION：

* When normal operating voltage is present at the input, press the heating control switch to activate the grip heaters.
* The system will initially operate at full load for a period of time, then switch to load output control based on the selected mode.
* Default mode: Level 1 – LED indicator illuminates blue, 20% load output mode activated.
* Press the switch again to increase to Level 2 – LED indicator illuminates cyan; 40% load output mode activated.
* *Press the switch again to increase to Level 3 – LED indicator illuminates green; 60% load output mode activated.
* Press the switch again to increase to Level 4 – LED indicator illuminates purple; 80% load output mode activated.
* Press the switch again to increase to Level 5 – LED
* indicator illuminates red; 100% load output mode activated.
* When at Level 5, press the switch once more to turn off the grip heater function.

⚠ CAUTION

Over-voltage & Under-voltage Protection: When the input voltage falls below 12.2±0.2V or rises above 16±0.2V, the indicator LED will flash several times, then the controller will shut off output and enter protection mode. Once the voltage returns to normal, the controller will resume normal operation.