Headlight Only On When eGO Cycle Is Plugged Into Wall

If the headlight only turns on when the eGO Cycle is plugged into the wall to recharge the battery pack then the 12A fuse that the red arrow points to in the wiring diagram below is usually blown out. When this fuse if blown out the headlight will not come on unless the scooter is plugged into the wall and the battery charger will not recharge the battery pack.

14-8

2-5

Contactor

Motor

2-5

M1

8
3
2
7
6
5
4
1

CONTROLLER

B- B+

Throttle

Brake/Tail Light

86 85

87 30

Brake light relay

+
L. Batt.

−
R. Batt.

−
+

FUSE 12A

Battery Gauge

Control fuse 12A

1
2
3
4
5
6
7
8

White

Head light switch

Head light
18Watt24V

Charge input

output
Charger
input

Note: The colors of the wires in the diagram do not necessarily match the colors of the wires in the eGO.

charging

power

WHU-06

Classic Model

New Lights Switch
New Key Switch