

LUPINE HEADLIGHT INSTALLATION INSTRUCTIONS FOR OSO 1.1

The Lupine Nano SL headlight included with your Oso 1.1 requires some assembly if you want to run a headlight. The taillight is installed on the bike and plugged into the Bosch Drive Unit; you will not have to do anything to get it working.

B) Hold the plus $\oplus$ button on the Mini Remote to turn the taillight on and off.

HEADLIGHT INSTALLATION

- First, assemble the headlight bracket and install both the headlight and the high/low switch onto the handlebars.
- Carefully route the wire between the headlight and the switch to prevent it from getting caught up or damaged.
- Remove the battery door and battery from the frame to expose the internal Lupine wire connection.
- Insert the male end of the Lupine wire through the rubber power/light grommet on the drive side downtube.
 - **NOTE:** The main Lupine wire is preinstalled. It is routed from the drive unit, tacked down directly behind the battery along the drive side of the downtube, ending at the upper battery socket.
- Connect the Lupine male quick connection fitting into the female socket.
 - **NOTE:** Some bikes may not have a quick connect socket. If this is the case, strip the outer housing from the headlight wire to split the red and black wires. Connect the red wires together and the black wires together using the included Scotchlok connectors.
 - The bare wires do not need to be exposed to use the Scotchlok connectors.
- Remove the motor covers to expose the wire sockets.
- The head lamp wire is grouped with the speed sensor, taillight, and main wires. Find the blue wire head and insert this into the Bosch Drive Unit blue port.
- **A)** Turn on the bike and test the light by **B)** holding the $\oplus$ plus button on the Mini Remote for 5 seconds.
- You should see both of the lights turn on and the headlight to be in the low position.
- **C)** Toggle through the light options with the high/low switch.

LIGHTING OPTIONS

- You can ride the Oso with just the taillight on if you'd like.
- With the Bosch System Controller on, **B)** hold the $\oplus$ plus button on the Mini Remote for 5 seconds to turn on the lights. **C)** Next, hold the high/low beam light button for 8 seconds to turn the headlight off, and the taillight will remain illuminated.
- **C)** Hold the high/low switch for 8 seconds to turn the headlight back on.
- **B)** Hold the $\oplus$ plus button on the Mini Remote for 5 seconds to turn both lights off.

If you have any questions, please contact your dealer or askchuck@ibiscycles.com.

Wishing you the best night adventures!

—Chuck



OSO SYSTEM CONTROLLER & REMOTES

A



Bosch
System Controller

B



Bosch
Mini Remote

C



Lupine
High/Low Switch