# PRODUCT INSTRUCTION
Wheel Ring Light x4 Kit

BEFORE USING

Thank you for using our company's Higlow products. Before installing and using this product, please read the instructions carefully to ensure that you fully understand the instructions to avoid unnecessary damage. Before unpacking and using, please check whether the product has caused damage during transportation. If there is damage, please immediately think about our after-sales feedback.
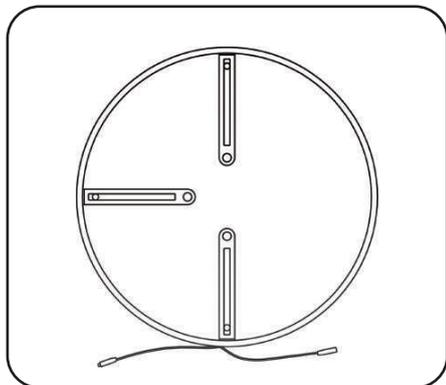
PRODUCT INFORMATIONS

▶ WHEEL RING LIGHT

Certification *RoHS*
Power *1.5W*
Color *Changeable*
Voltage *12V*
Rating *IP67 LED*
Type *5050SMD RGB W*
Size *15''*
LED Beams *LED Count 33LEDS per meter*
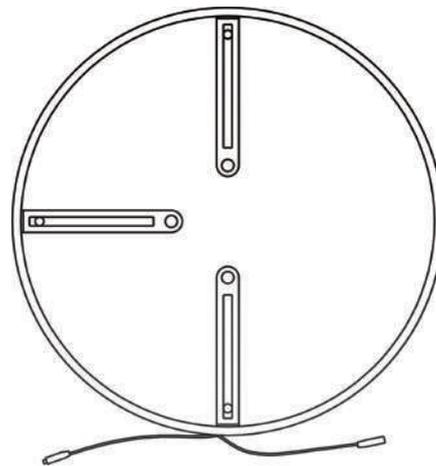
▶ ACCESSORIES

Input Voltage	12V DC (9～24V)	Controller Maximum Load	12A *(3A per way, 4 ways in total)*

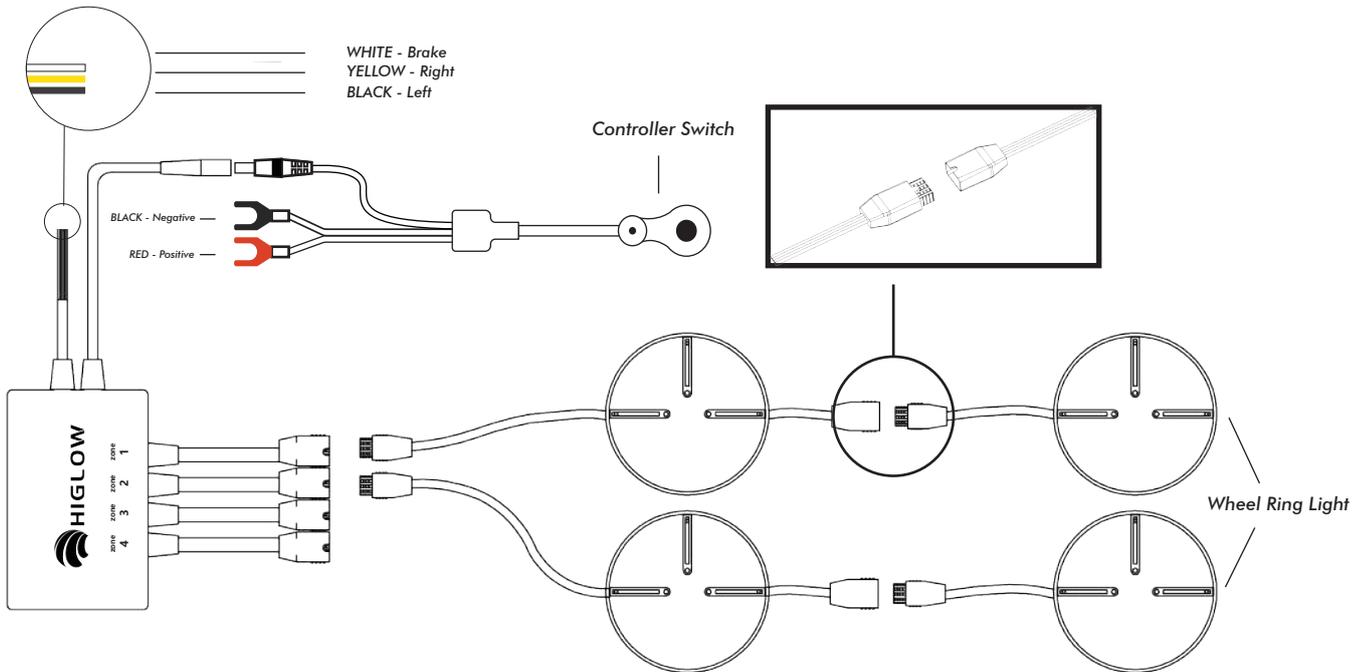Wheel ring light X 4
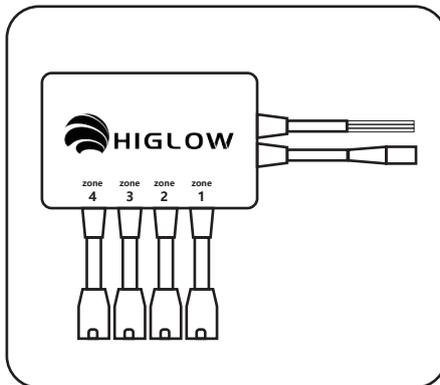
Higlow 4 zones controller X 1
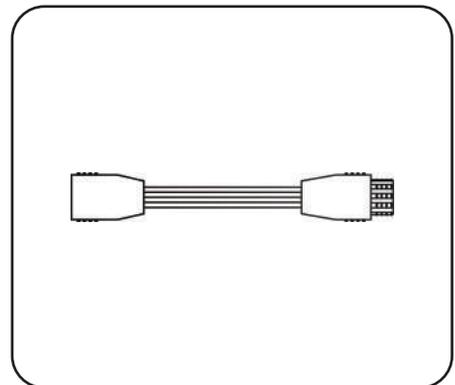
100'' extension wire X 3
145'' extension wire X 1

▶ MOUNTING STEPS

First, please make sure your phone has downloaded and installed the Higlow APP.

Step 1 **Test components before installation** *Connect the controller to the switch, connect the flexible light strips to the controller, and then connect the switch harness to the 12V power supply. Press the controller switch button, open the mobile Higlow APP, connect Bluetooth, and then test all the wheel ring lights.*

WHITE - Brake
YELLOW - Right
BLACK - Left

Controller Switch

BLACK - Negative
RED - Positive

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zone 1
zone 2
zone 3
zone 4

Wheel Ring Light

Step 2 **Controller installation** *Place the controller around the main driver's seat is suggested. Connect the driving, braking and steering wires with automobile wires accordingly, then connect with the power supply.* **Note: This step should be performed by revelant professionals.**

Step 3 **Extensive wire installation** *Take one 100''and one 145'' extension wires to connect to the 2 ports of the controller. The 100'' extension wire pass through the left side of the engine compartment to connect zone 1 and 145'' extension wire from the right to connect zone 2.*

Step 4 **Remove the wheel** *Use the jack bracket or other equipments to hold the vehicle up. Remove the wheels from the vehicle.*

Step 5 **Verify fitment of wheel rings** *Before removing the brake components, ensure that the wheel rings will fit your vehicle. Hold the ring up to the front face of the rotor and check for clearance around the caliper. Also check for wheel clearance by holding the ring up to the back side of the wheel. It must clear both to continue with installation.*
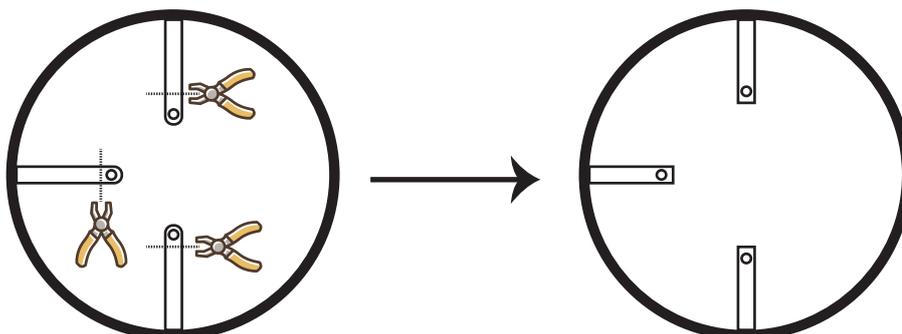
Step 6 **Remove brake components** *Brake components are a vital part of your vehicle and ultimately your safety. If you are not comfortable uninstalling/reinstalling these components, please seek a professional for installation. Remove the brake calipers and brake rotors to gain access to the dust shield. This process will vary per vehicle. Please consult your service manual if you need additional guidance.*

Step 7 **Mount wheel rings** *The wheel rings mount to the back side of the dust cover. Slide the wheel ring over the dust cover. If your vehicles dust covers are oversized, you may need to shorten the mounting brackets on the wheel rings. See diagram above.Following the diagram below, install the wheel rings. Center the wheel ring and mark the 3 holes to drill on the dust cover. Drill the holes using an 1/8" drill bit. Using the supplied bolts and nuts, securely mount the wheel ring. Please note, the bolts should go in towards the inside of the vehicle with the nuts on the back side of the dust covers. This will ensure clearance when the brake rotor goes back on. Reinstall the brake rotors and calipers onto the vehicle. The illustration below shows the wheel ring installed with the brake rotor and caliper in place.*

100" extension wire

145" extension wire

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zone 4   zone 3   zone 2   zone 1

100" extension wire

100" extension wire