

HID OFF ROAD LIGHT - HID 6503 SERIES

Installations Instructions & User Guide

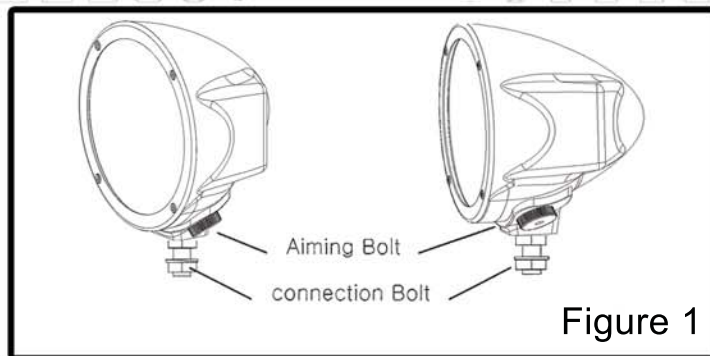


Figure 1

Materials and Tools Required:

Wiring harness, controller and switch (included in lights)
17mm Deep Socket
Torque Wrench
Soldering Iron
Loom Tubing
Ring Terminals

Wirng Included Harness

There are 3 plugs on harness
2 pin white plug--connects to back of light
2 pin black plug--connects to back of light
3 pin white harness--connects to provided switch
There are 2 powers and 2 grounds--connect both red 14 gauge power to battery + and both black to battery -

Mounting:

Mount light securely; making sure bracket is square with vehicle. Tighten 17m bolt on the bottom of the bracket to 50 ft/lbs. This bolt will not be loosened to adjust beam.

Adjust light:

Loosen knurls on the bottom of each light using provided hex wrench; making sure not to loosen knurls completely. Light beam can be adjusted up, down, left and right at this point. A good reference point is at 20 ft; the top of the beam should be 3" down from center of light (with the light bar at dead center). Tighten knurls and enjoy.

Custom Wiring

It is important to note that all components must be used.
The switch can be changed and the wires lenghs can be changed.

For installers reference

P rovided Switch connected to control box

red, white, and black wires connected to included switch

OFF	FLOOD Beam	SPOT BEAM
Red +	Red +	White -
White +	White -	Black +
Black +	Black -	Red +

When No Switch is Connected

Red +
Black -
White -

Connecting Your Own Switch or Switch's

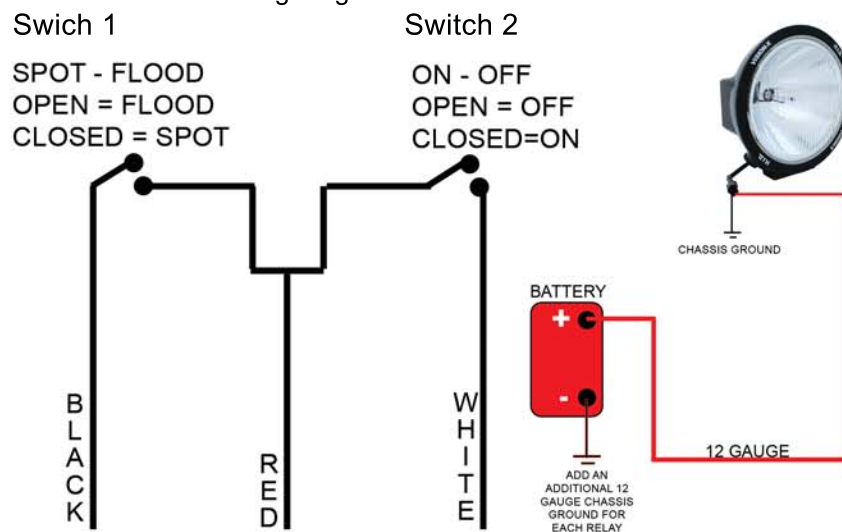
Connecting either 2 single swithches or 1 double switch

Switch contacts connect RED & WHITE = HID OFF

All switch contacts open = HID ON-Beam pattern Flood

Switch contacts RED & BLACK = HID ON- Beam pattern Spot

Below is a basic wiring diagram of switch's



Congratulations on buying the best in off-road lights, the Vision X Off-Road HID-6503 In-Focus

H.I.D. SYSTEM WARNINGS:

As with many other high-tech products, this HID Off Road Light also requires a bit of attention before you can use it. Please read the accompanying information carefully first!

- Do not stare directly into the light or shine directly into the eyes of another person as this may cause loss of vision.
- Never disassemble the products, as all parts must be factory serviced to insure proper operation.
- Do not change the parts inside this light with parts from another company's product. Suitable ballast and bulb have to be used for Vision X Off Road Lights. The ballast produces an extremely high voltage (23,000 Volts) at the instant of illumination, which can cause a fatal accident if incorrectly operated.
- Do not let water enter the housing. While the Vision X Off Road Light are both weather and water resistant, it is not designed to be submersible.
- The off road light is designed to be mounted on the vehicle only in vertical or suspended positions.
- Do not allow objects or skin to touch a hot lens due to risk of burn.
- Installation and light change may only be performed by qualified or properly trained individuals.
- The off road light must not adversely affect the performance of low beam, high beam, engine cooling, or the driver's vision.
- We recommend completely reading instructions before installing.
- Consult your local or state regulatory agency regarding the use of auxiliary lighting.

Also available for your light from Vision X Off Road

- Polycarbonate (PC) Covers
- Replacement X Covers
- Complete Wiring Harnesses

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