

This manual will guide you through the process of installing your new model specific RJWC LED Headlights it is very important that you read this.

NOTE these LED lights have a removable halo where you can change color on the halo. Be careful when you remove the halo to not damage the plastic pins, see the instructions on how to change the halos. DO NOT USE THE LIGHTS WITH NO HALO INSTALLED.

Hardware parts included for the Outlander Gen 2

- 2 x headlight adaptors
- 2 x replacement front plastic frame adapter
- 2 x Silicone o-rings
- 4 x Plastic washers
- 9 x Zip ties
- 8 x Torx screws
- 6 x Longer torx screws (for the low beam)
- 6 x Stainless springs (shorter for high beam)
- 6 x Stainless springs (longer for low beam)
- 2 x RJWC LED headlights (LOW BEAM PROJECTOR)
- 2 x RJWC LED headlights (HIGH BEAM FULL POWER)
- 1 x Halo harness
- 2 x Hb3 to h11 adapter for low beam)
- 2 x 5mm plastic washers
- 1 x electrical grease

You will need the following tools

- Torx screwdriver
- Protective gloves
- Pliers
- 7 mm and 10 size T10 and T20 mm torx wrench

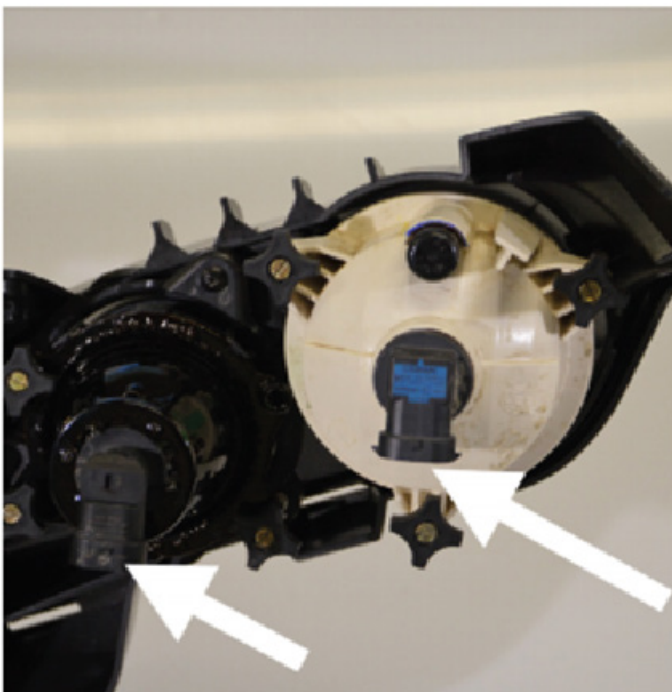


Make sure that you clean your bike carefully especially around the factory headlights to get off as much dirt as possible. We also recommend that you clean all the factory parts you remove before starting installation of the new RJWC LED headlights.

Same procedure on both right and left side. Partial of this manual shows an OE plastic front not installed on a vehicle just to make it easier to see all the parts that have to be removed and installed during the process.

Lets start the process!

Remove the OE contacts from the Halogen factory bulbs before starting removing the factory headlights. Mark wich connector is high and low beam on the OE connectors/cables.



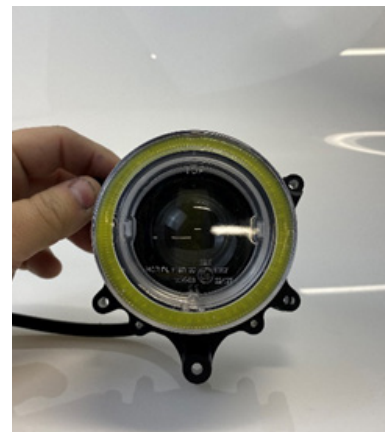


Unscrew the OE plastic screws as the picture shows. NOTE some are being re-used later so do not throw them away.

LOW BEAM LIGHTS INSTALLATION (outer lights) Two of the RJWC LED lights is going to be installed as the low beam position this is the lights with projector lenses. See the picture below .



Install the adapter as the picture shows on the low beam lights. Note the text on the lens and the RJWC on the plastic adapter need to be turned in the same direction, use the stainless torx screws to tighten the plastic adapter, do not over-tighten them as it is only plastic.



Same procedure on both sides, the light itself is the same for right and left side as well the adapter that screws onto the light.

Put the silicone o-ring on the outside of the light where the groove is, this is only to close the gap as this light is smaller in diameter over OE. See picture below and do the same thing on both low beam lights.



Install the light like the picture shows, use the longer torx screws and longer springs . The springs is being installed as the stock springs to create tension on the construction and to keep the possibility to adjust the lights.

Adjust the screws until the halo is flush with the OE plastic in the front and you achieve the light beam you want, as the low beams are E -APPROVED they have a light pattern valid for onroad use.



Now its time to install the high beam lights (inner lights).

RJWC supply with a new big high beam adapter, on the Canam OE front where the factory lights are you have a similar adapter. Remove this one and replace it with the one from RJWC re-use the OE screws . There are one right and one left and these can only be installed one way.

The rjwc adapter is made specificky to create more clearence for the halo to fit.

See the picture below for your reference, the right one is the OE Can-am one and the left one is the RJWC adapter.





Remove the OE adapter

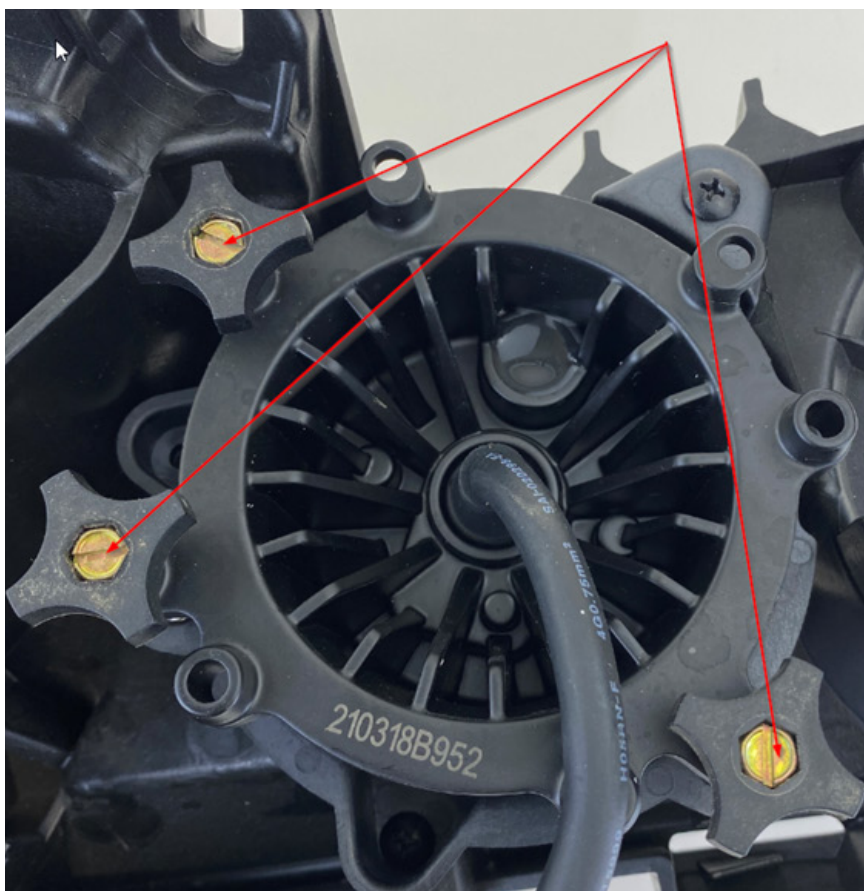
Install the new one like the picture shows, same procedure on both right and left side NOTE there is a right and left adapter but they can only be installed in one way so you cant get the left one to fit on the right side etc.

The picture below shows the correct way to install the adapter, NOTE use the factory screws.



Use the OE screws with the plastic adjustment head on the high beams.
NOTE put the springs on the screws before you put the lights in place this saves time and it is easier to get everything to line up.

The picture below shows how to install the high beam, the picture shows the OE front not on the vehicle just to get a clear view NOTE you do not need to remove the front to install the lights. Its the same procedure on right and left side. The lights can only be installed in one way.



After you installed all lights you can adjust the lights to get a perfect light pattern for the low beams, this is recommended if you use your vehicle on roads as these lights are E-approved for road use.



HALO TIME! In the hardware kit you recieved a halo harness with 4 deutsch connectors and in the other end it has 2 cable lugs that plugs into the backside of the 12v socket on the vehicle.

Remove the upper plastic gauge pod on the vehicle to get access to the connector on the 12v Socket plugs see picture below on how to install the cables.



Choose a good way to route the cables down to the lights, and use zip ties to secure all the cables.

the lights are polarity independent so it dont matter how you connect them .

Turn the lights on and check so all halos have power.

We recomend that you use zip ties to secure all cables as tight as possible behind the lights, see the picture below for a suggestion of how to route the cables.



You are now done with the installation of your new RJWC Led lights!

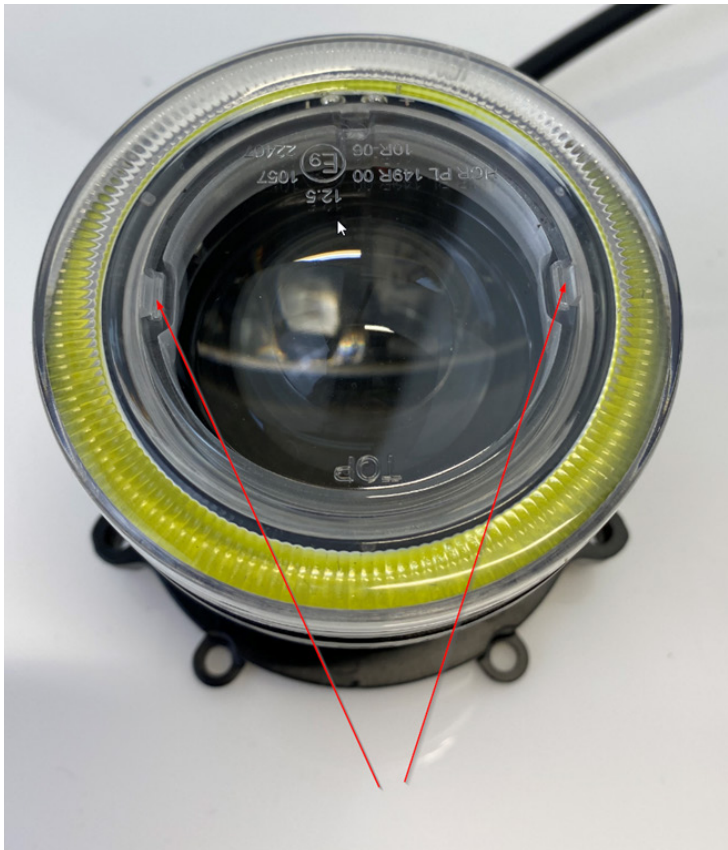
***If you want to replace the halos with a different color you can buy them at
www.rjwc.se***

RJWC Halo

Lets get started! This is probably one of the easiest mods you can make to your vehicle but there is one thing that is important, be CAREFUL as there is plastic parts.

When you buy your RJWC Led lights they all come with a white color halo and you need to remove it to replace it.

The light have 2 plastic tabs as the picture below shows.

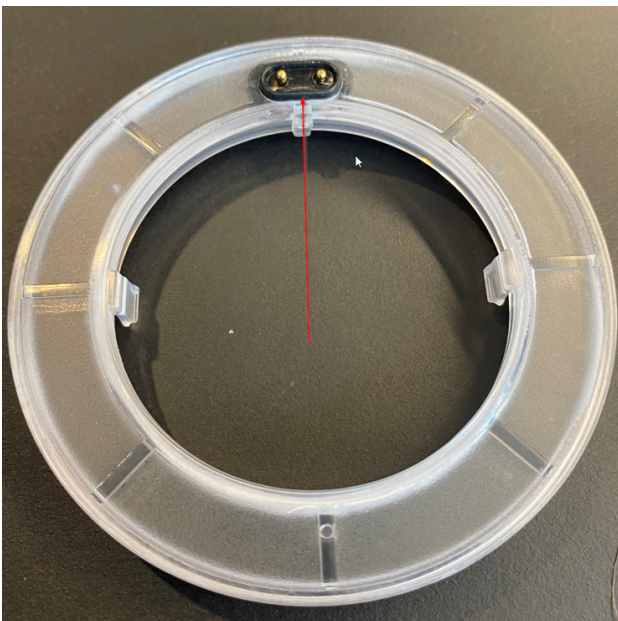


We recommend that you use your finger nails to move the tabs out towards to the outside of the light. Do one side at the time, normally if you loosen one side you get the other side off automatically. You can use a small flat nose screw driver if you are careful.





The lens have grooves in it that matches the halo so you cant put in on wrong.



Make sure that you have the silicone gasket in place on the halo when you install the new one and the lens completley free from dirt. Clean it carefully by hand before installing and removing the old halo.

You should now have a different color on your halos ENJOY!