

Installation Manual
 Neutrino LED Headlights with Halo
 Vehicle Can-Am Renegade Gen 2 2012-2019
 Also fits Maverick 1000R & Renegade Gen 1 2008-2012 Rev: 2.0

This manual will guide you through the process of installing your new model specific Neutrino LED Headlights

It is very important that you read this.

You will need the following tools



Torx screwdriver
size T10 and T20



Gloves



Pliers



7 mm and 10 mm
wrench



Hardware parts included for
the Renegade Gen 2

- 2 x Headlight adaptor
- 4 x Plastic washers
- 9 x Zip ties
- 14x Stainless torx bolts
- 14x Stainless m5 lock nuts
- 1 x Neutrino sticker
- 4 x Neutrino LED headlights
- 1 x Halo harness
- 2 x Thick RJWC stickers



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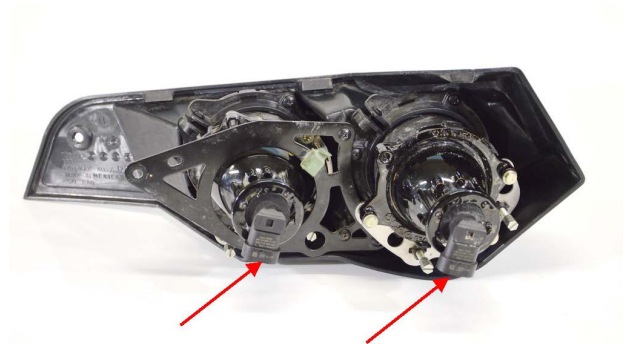
Make sure that you clean your bike carefully especially around the factory headlights to get off as much dirt as possible. We also recommend that you clean all the factory parts you remove before starting installation of the new Neutrino LED headlights.

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.

NOTE HEADLIGHT FRAME IN THE MANUAL IS THE RIGHT SIDE
 (SEEN FROM THE DRIVERS SEAT)



Remove the black sticker that is covering this bolt hole we have sent new replacement RJWC stickers with the hardware kit so you can throw the OE ones in the trash, Remove the bolt and nut.

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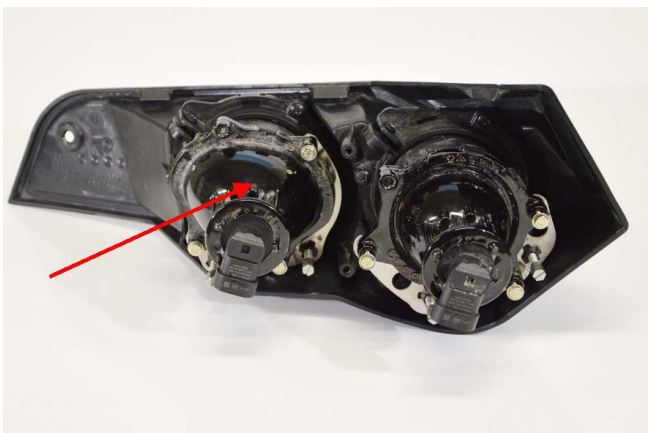
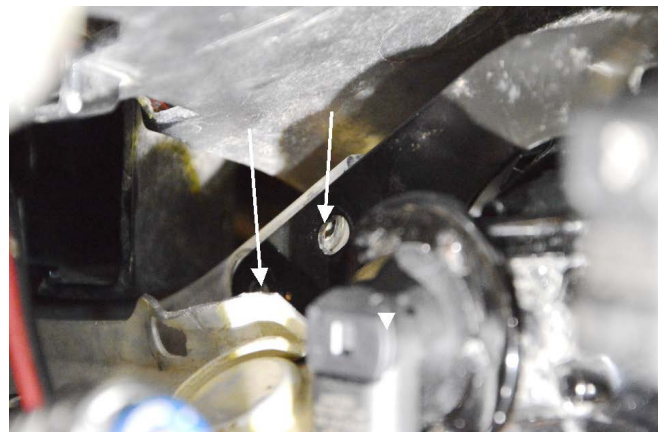
Rev: 2.0



Remove this bolt and nut

Remove the 2 bolts holding the headlight support. These bolts are a bit tricky to get out. You can choose to only remove the 3 screws in the plastic frame if you are having trouble getting the bolts out. Use a 10 mm wrench for the 2 bolts.

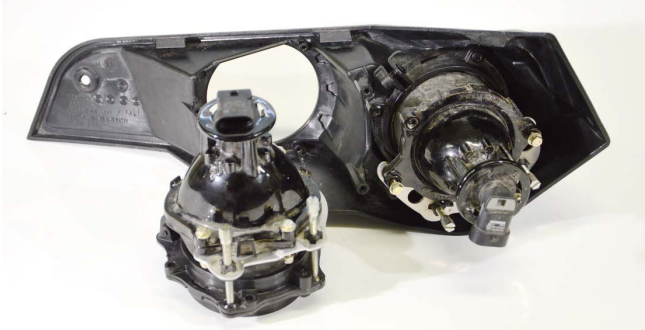
Headlight frame support



Start with the low beam remove the 3 screws holding the plastic clamp adapters in place make sure to just work with one lamp at the time

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Remove the low beam from the plastic frame



Remove the high beam as well make sure to mark each holder for the lights with "high beam" and "lowbeam" so you remember wich one is going where.



Start with the low beam light and remove the 3 bolts and nuts holding it in place.

Then do the same thing to the high beam.



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Now its time to install the Neutrino light that is going to be installed in the high beam location. Check wich light support frame you marked as high beam and make sure to use that one.

NOTE! On the high beam light you does not use any Neutrino plastic adapter



Remove the screw as the picture shows on the lowbeam plastic clamp



Remove the screw on the high beam as well

Highbeam

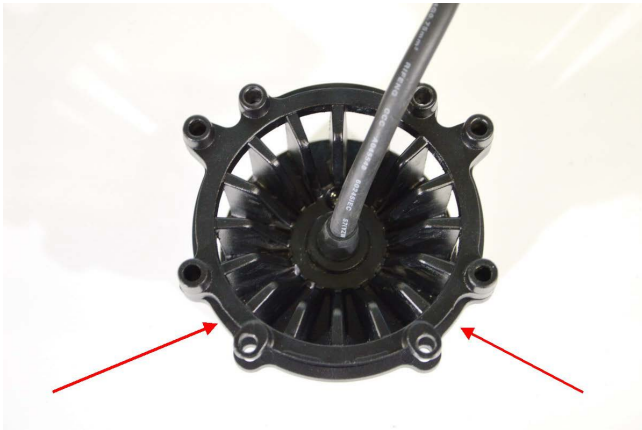
Lowbeam



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LOW BEAMS

Now its time to install the Neutrino lights in the plastic frame/pod! NOTE THIS HEADLIGHT IS GOING TO FIT IN THE LOWBEAM SPOT IN THE OE PLASTIC



Install the plastic adapter on one of the Neutrino lights and make sure each hole lines up with the holes in the light and the plastic tabs are matching with the holes (the adapter can only be installed in one way)

Red arrows shows the location of the adapter

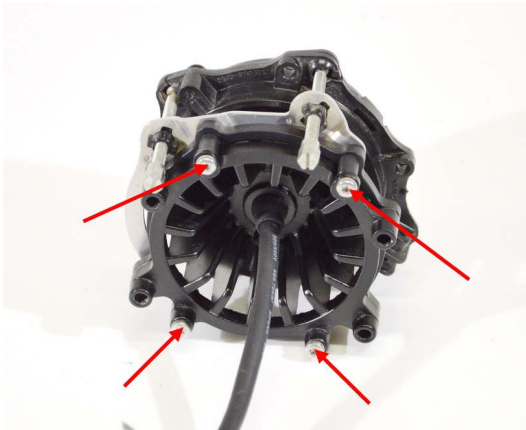


Install the headlight in the plastic frame like the picture shows.



Install the plastic washers like in the picture to support the aluminium tab

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Tighten the screws by using an T20 Torx screw driver and one 7 mm wrench

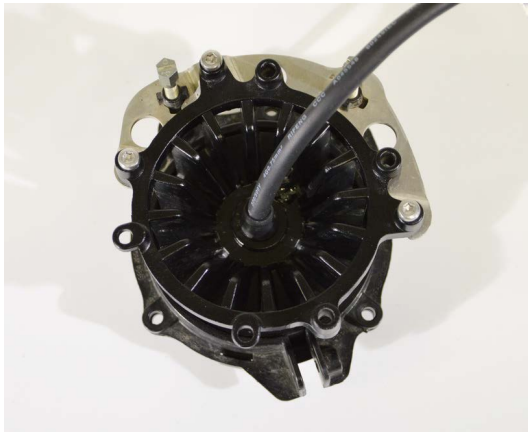


Re-install the screw that locks the plastic clamp in place. DO NOT OVERTIGHTEN IT JUST NEED TO BE TIGHTEN BY HAND.



Install the Neutrino light (lowbeam location) as the picture shows, it only fits in one direction in the frame. Install the OE screws.

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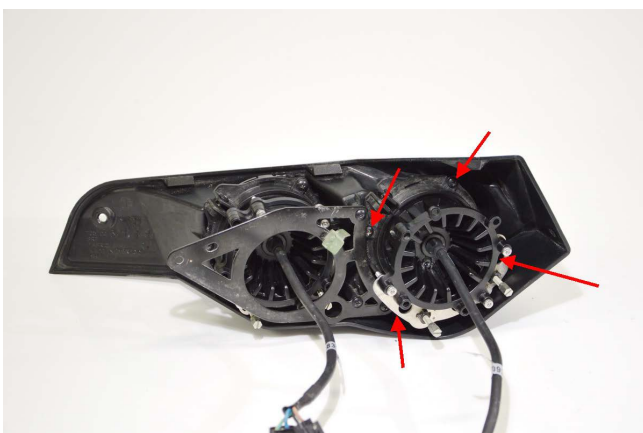


Install the Neutrino light like the picture shows, no adapters and no washers is being used on this one. Use the T20 Torx and 7 mm wrench to tighten this as well.



Install the screw back that holds the plastic clamp

DO NOT OVERTIGHTEN IT.



Install the high beam with the OE screws in the locations where the red arrows is.

You can choose if you want to install the steel light frame support like on the picture or notpre installed

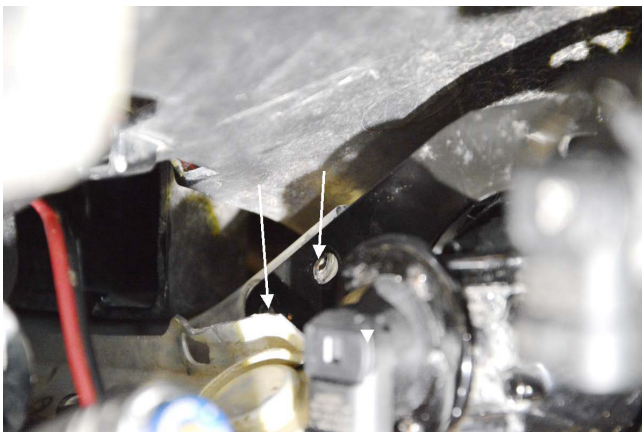
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Install the bolts and nuts as the picture shows



Install the thick RJWC Sticker to cover the bolt



Install the bolts holding the light frame support

Re-install the connectors on the Neutrino lights, make sure you install the correct connector on the light you want to use as High or Low beam. You can choose which lights you want to use as high beam by switching the connectors.

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Now its time to install the halo harness which is very simple. The cable harness is made to fit both the Renegade and Outlander wich makes it a bit to long for the Renegade. Just make a loop on the cable and use the zip ties to secure it



Use the 12v socket to connect the halos, make sure to use + and ground correctly. The halo cable have a 2 way faston connector on both the + and - cable. Just remove the stock cables install the halo harness cables and then reinstall the oe cables on the faston connector and you are done.



Halo harness included

Each Neutrino light have a sealed Deutsch connector, use the 4 Deutsch connectors on the halo harness and connect them with the ones on the lights , the right side will have 2 and the left side 2 it does not matter how you choose to connect them because they all have 12v+ when ignition is on.



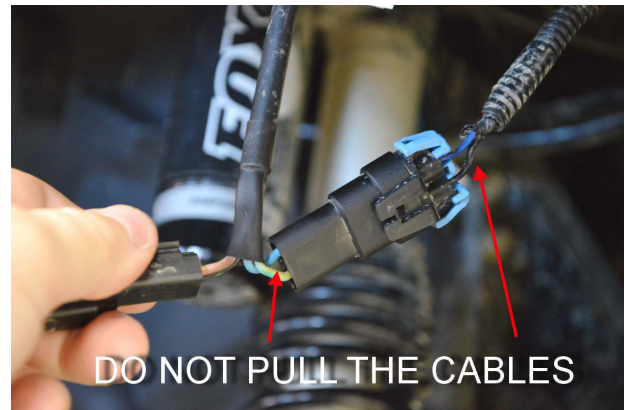
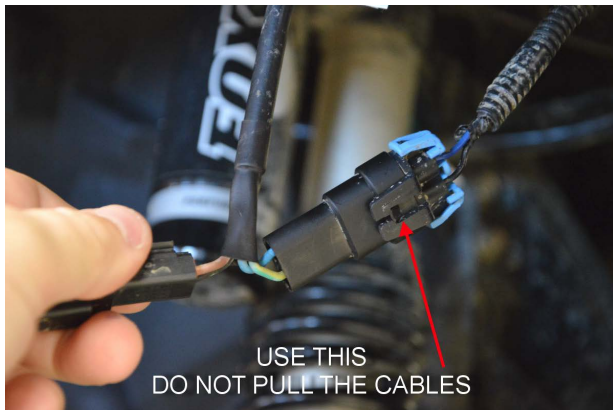
If you only want the halos to be on choose this mode on the key



If you want to combine the halo with high or low beam choose this mode on the key

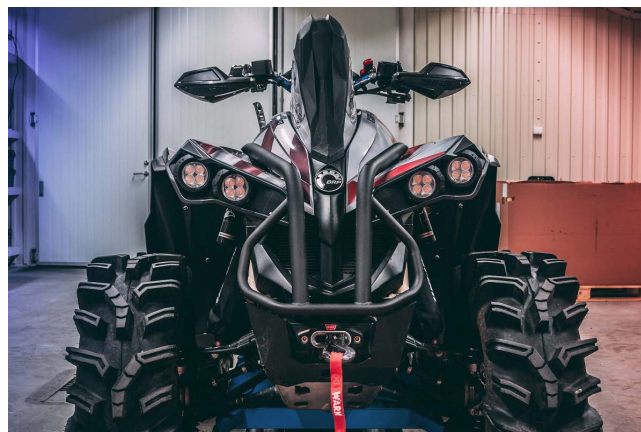
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IMPORTANT INFO DO NOT USE FORCE TO REMOVE CONNECTORS FROM EACHOTHER BY PULLING THE CABLES USE THE QUICK CONNECTORS SO YOU DONT DAMAGE THE CABLES



IMPORTANT if you install these lights on a Maverick 1000 R you need to extend the 12v+ halo cable to install it behind the 12v socket (lighter socket)

For more information regarding the installation or products in it's entirety, contact the dealer you ordered the product from. And make sure to register your product for the 2 year warranty on the website! Scan the QR code on the box.



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