

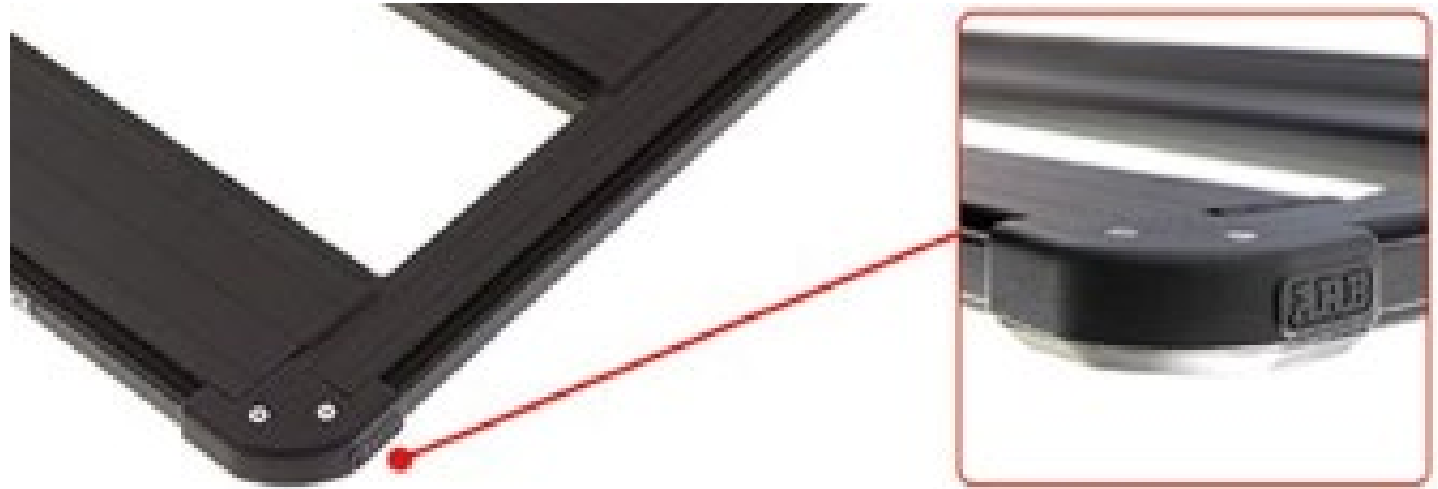
# ARB BASE Rack NANO Kits 2 & 4



Tools Needed: Torx Bit T25, Philips #2 Screwdriver, 7mm socket with ratchet

### **Step 1 – Factory cap removal**

Remove the factory ARB Base Rack caps from the rack. Unscrewing these two Phillips screws will separate the cap allowing you to separate the cap and remove from the rack.

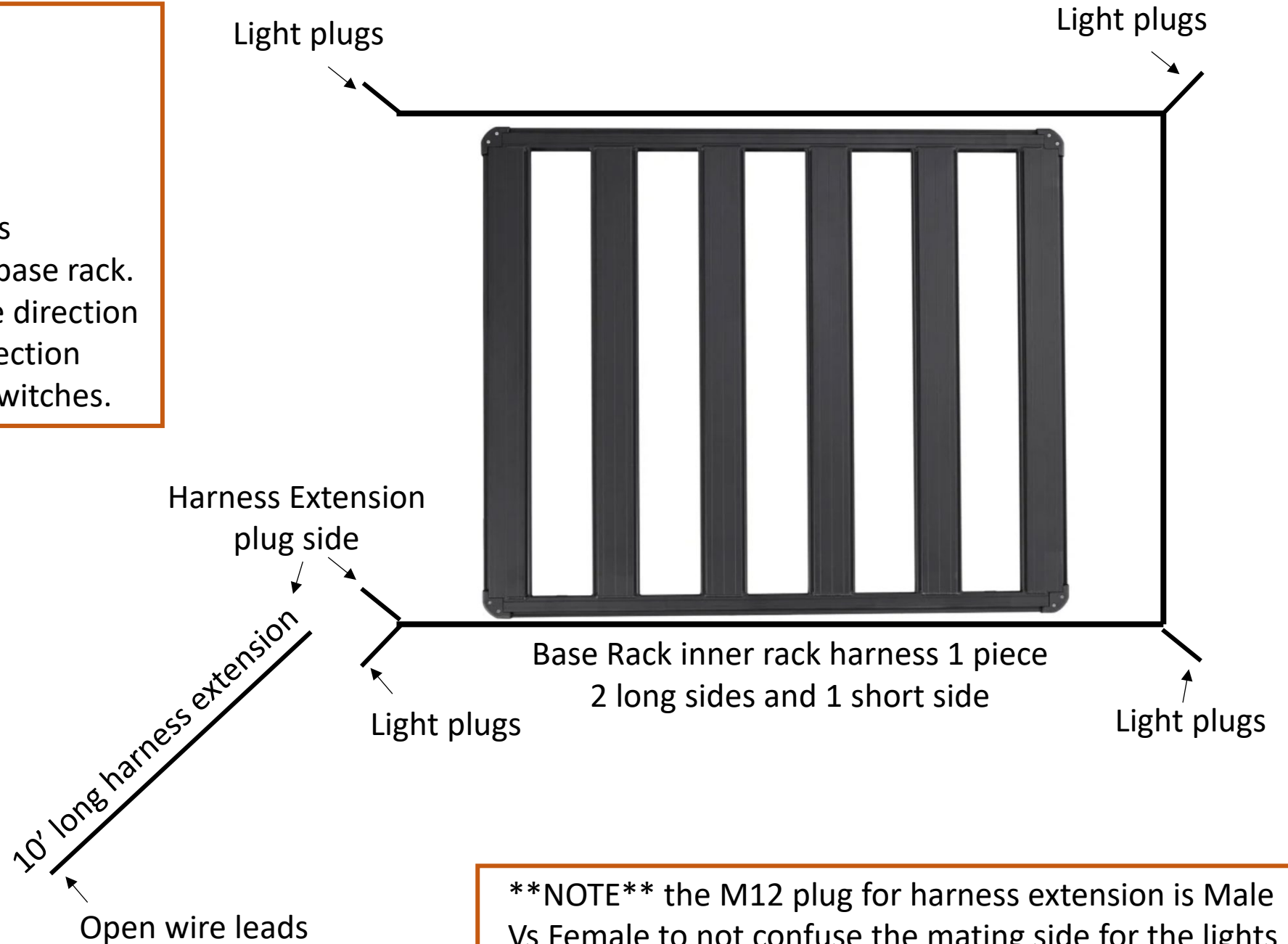


### **Step 2 – Routing the harness**

Once all four caps are removed, please route the Base Rack internal harness through the rack. Please check orientation of the provided harness. You will want to double check that the harness is laid out with the power cord on the preferred corner for routing trigger wires to switch. Reference rack layout notes. We recommend to use a fishing tool to help with the processes of pulling the wire through the rack, it will make it easier.

**\*\*RACK LAYOUT NOTES\*\***

When routing the rack harness, please note the layout and run the long horizontal lengths of the harness on the appropriate sides of the base rack. Please orientate the harness the direction you prefer for the harness connection to be routed for connecting to switches.



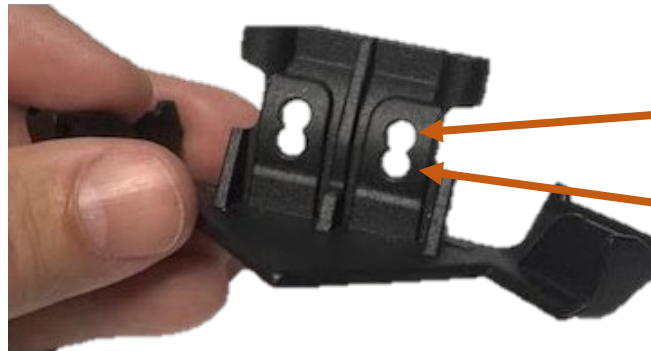
**\*\*NOTE\*\*** the M12 plug for harness extension is Male Vs Female to not confuse the mating side for the lights

### Step 3 – Installing the light in the new cap

Install the light into the cap with the provided hardware. Remove the Upper cap with a T25 torx bit to separate each cap. Note there are two mount locations. The lower mount is for horizontal positioning ideal for more distance off the vehicle. The top mount is for 10 degrees of vertical adjustment ideal for more intense lighting around the vehicle.



Top Hole Mounted



10 degrees angled down

Straight Mounted



Bottom Hole Mounted

**\*\*NOTE\*\*** Keep the cap separated until you are ready to install on the rack.

#### Step 4 – Connecting the lights to the rack and harness

Connect each light to the appropriate M12 NANO plug by screwing the plugs together. These plugs are notched to only mate one way. Tighten the plugs hand tight. Repeat until all lights and lower cap brackets are attached to all harness plugs.



#### Step 5 – Attaching the lights and caps to the rack

Push any and all access wires into the base rack. Expose the power cord and run it between the cap and the base rack outside of the cap. Then sandwich the top and bottom caps into each corner and tighten the hardware to secure the cap to the rack.



## Step 6 – Terminating the harness extension to switches

You will now terminate the open lead end of the extension harness to your power source.

Red – Projection

White – Amber TRL (backlight)

Black – Ground

Please reference NANO wiring diagrams on the instruction page on the NACHO website. [www.NACHO.love](http://www.NACHO.love)

