



## Endurance Roll Bar

## Universal Fitment

## VGRB-2170BK

## Installation Instructions

Thank you very much for choosing our products.

Please read the installation instruction carefully before using our product and be sure to fully understand the contents mentioned above for subsequent installation.

In addition, please keep properly the installation instruction for product maintenance in future.

### Attentions

- The following symbols are used in this installation instruction.



#### **Caution**

**Relevant matters must be obeyed for safety.  
Non-compliance may result in injury or other accidents.  
Please read carefully and obey strictly.**

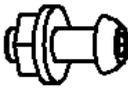


#### **Note**

**Relevant matters must be obeyed for the smooth installation  
and use.**

- Non-compliance may cause the problems with vehicle. Please do not install that is not recorded in this instruction.
- Please forgive that we are not responsible for any consequences arising from the installation not according to our installation instruction.

● **Product Composition** \*Please confirm if it is missing.

<p>(1) Crossbeam (1 piece)</p> 	<p>(2) Vertical Beams (2 pieces, R,L)</p> 	<p>(3) Bases (2 pieces, R,L)</p> 	<p>(4) Side Panels (2 pieces, R,L)</p> 	<p>(5) Handrails (2 pieces)</p> 	<p>(6) Base Baffles (2 pieces, R,L)</p> 
<p>(7) Connectors (2 pieces)</p> 	<p>(8) Square Spotlights (2 pieces)</p> 	<p>(9) LED Circular Lamps (2 pieces)</p> 	<p>(10) M10 *35 Countersunk Head Screws (8 pieces)</p> 	<p>(11) M10 Rivet Nuts (8 pieces)</p> 	<p>(12) M10*25 Outer Hexagon Screws (16 pieces) with nuts, lock washers and double flat washers</p> 
<p>(13) M8*20 Inner Hexagon Screws (12 pieces) with nuts, lock washers and flat washers</p> 	<p>(14) M8*16 Inner Hexagon Screws (4 pieces) with nuts, lock washers and flat washers</p> 	<p>(15) Location Sheet (2 pieces)</p> 	<p>(16) Rivet Nut Mounting tool (1 pieces) with M10*45 outer hexagon screws, double flat washers, M12 nuts and chrysanthemum washers</p> 		

● **Installation tools** \*Please prepare these tools before installation.

<p>Plum Wrench#17</p> 	<p>Inner Hexagon Spanner #5</p> 	<p>Inner Hexagon Spanner #6</p> 	<p>Electric Drill</p> 	<p>Drill Bit (φ13.5 mm)</p> 
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● **Attentions**

- The labels of fitting procedure inside the thick wireframe is particularly important. Pay attention to them in the actual installation.
- Pay attention to safety during installation.

## Fitting Procedure

### A. Roll Bar Installation

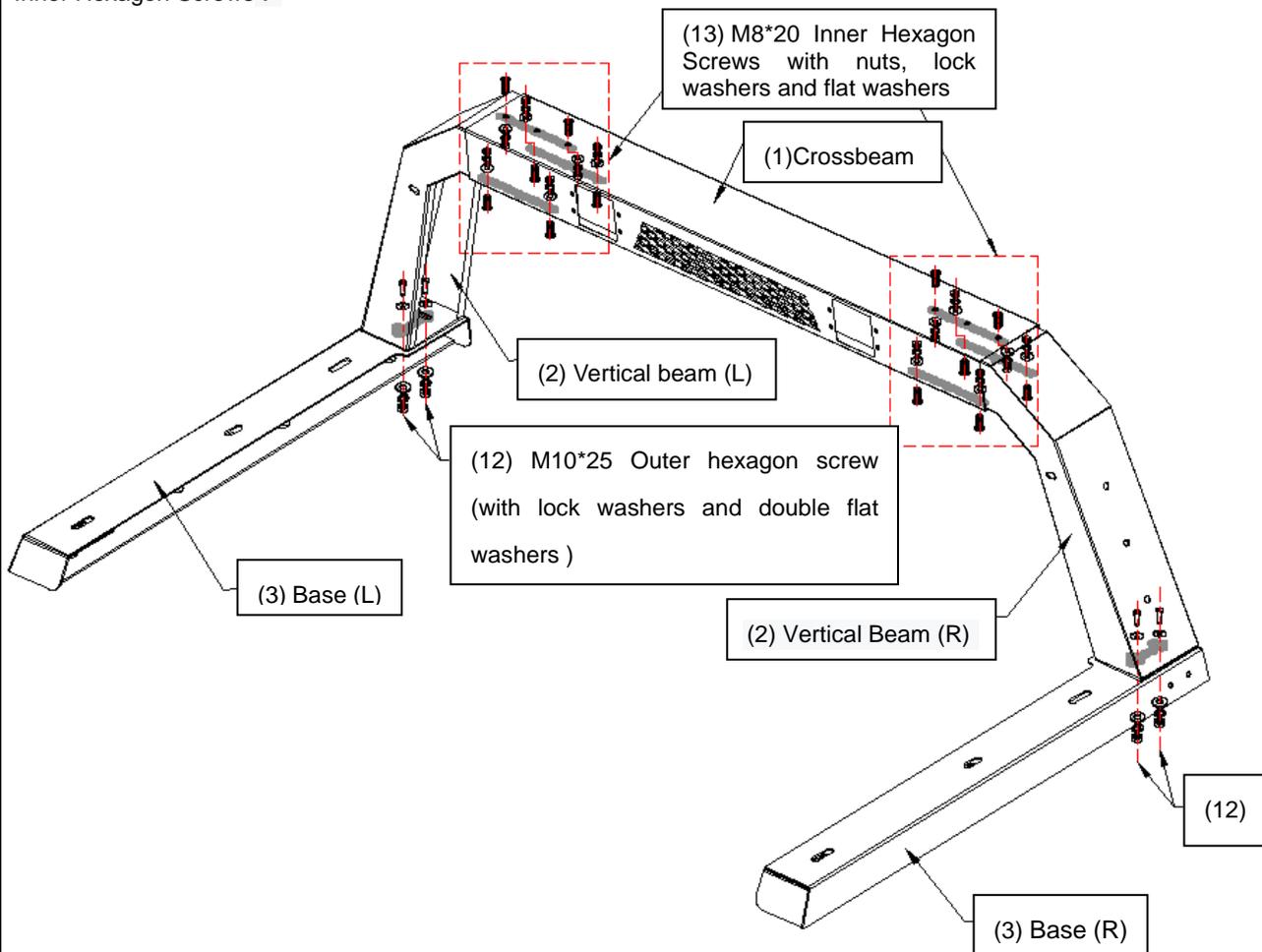
1) Assemble the roll bar beams, vertical beams and bases as follows.

Step 1: At first, check whether the accessories in the product packaging box you purchased are consistent with those listed in the accessories table.

Step 2: Prepare tools for installation (plum wrench #17 and inner hexagon spanner #5).

Step 3: Splice the vertical beam and the base as shown in the picture below, and tighten it with M10\*25 outer hexagon screws.

Step 4: Splicing the beam and vertical beam as shown in the picture below, and tighten them with M8\*20 Inner Hexagon Screws with nuts, lock washers and flat washers.



Installation picture:

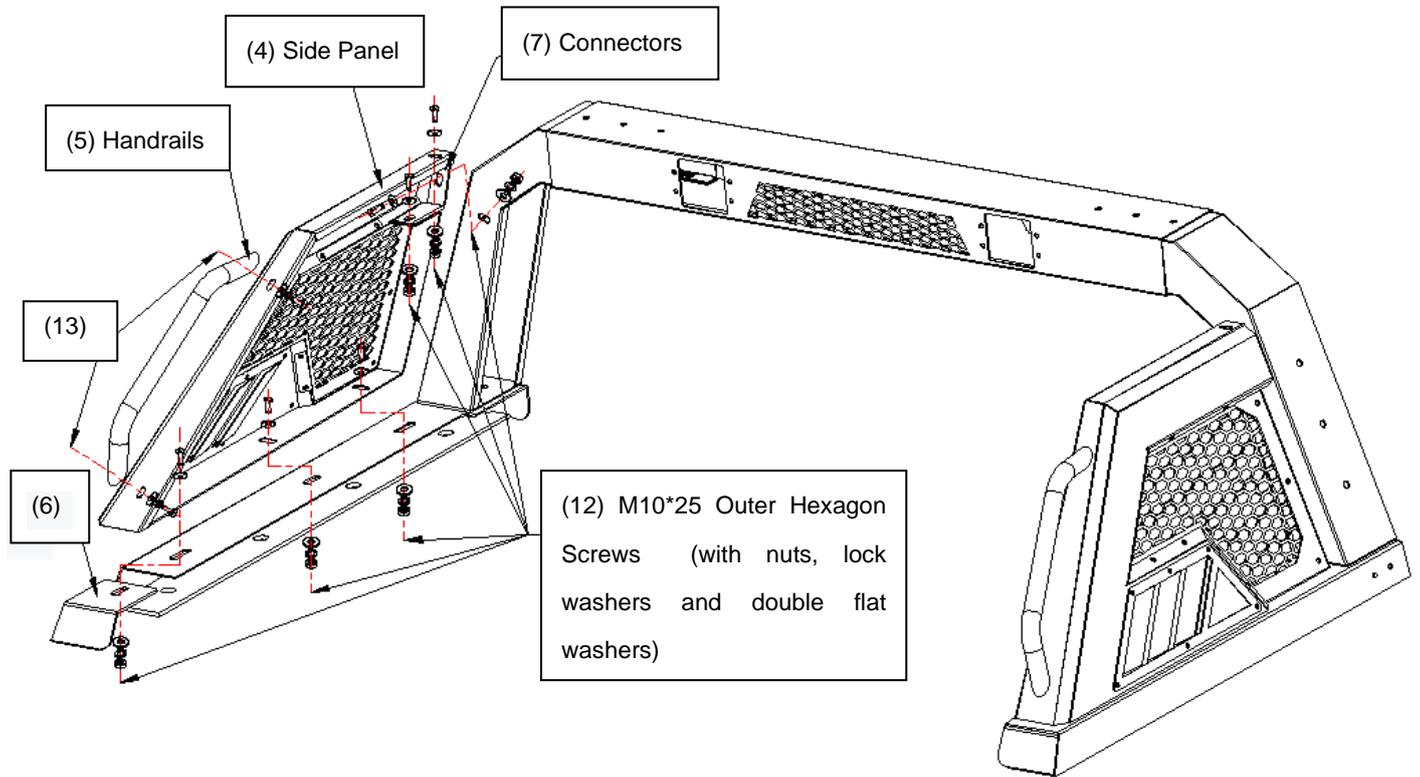


2) Assemble roll bar base, side plate, handrail and base baffle as follows.

Step 1: Prepare tools for installation (plum wrench#17 and inner hexagon spanner #5).

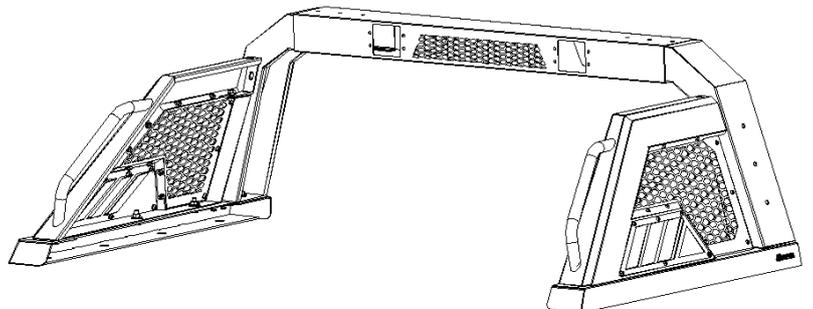
Step 2: Install the handrail on the side board and tighten it with M8\*16 Inner Hexagon Screws .

Step 3: Splice the base and the side plate as shown in the picture below, then put the connectors and the base baffle in it, and tighten with M10\*25 outer hexagon screws.



(3) Check and confirm whether the product has been assembled according to the above steps.

The product assembly drawing is shown on the right.



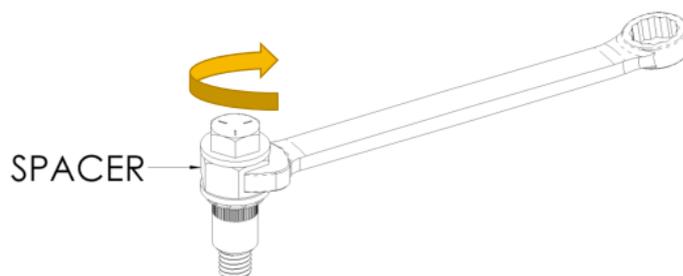
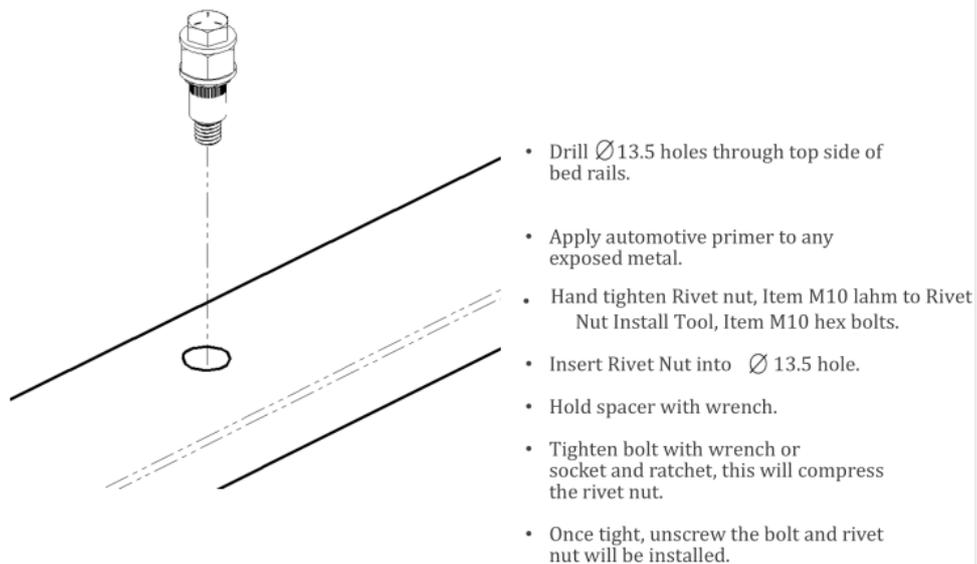
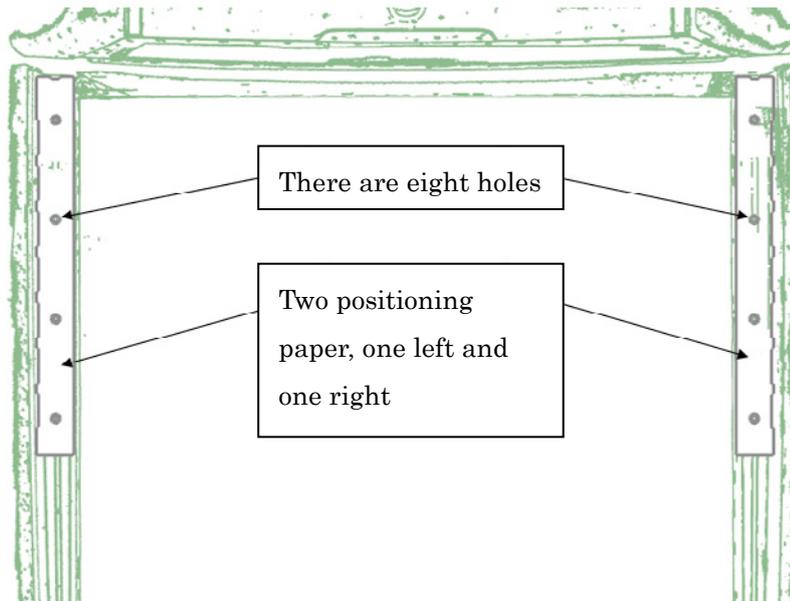
## B. Drill and install

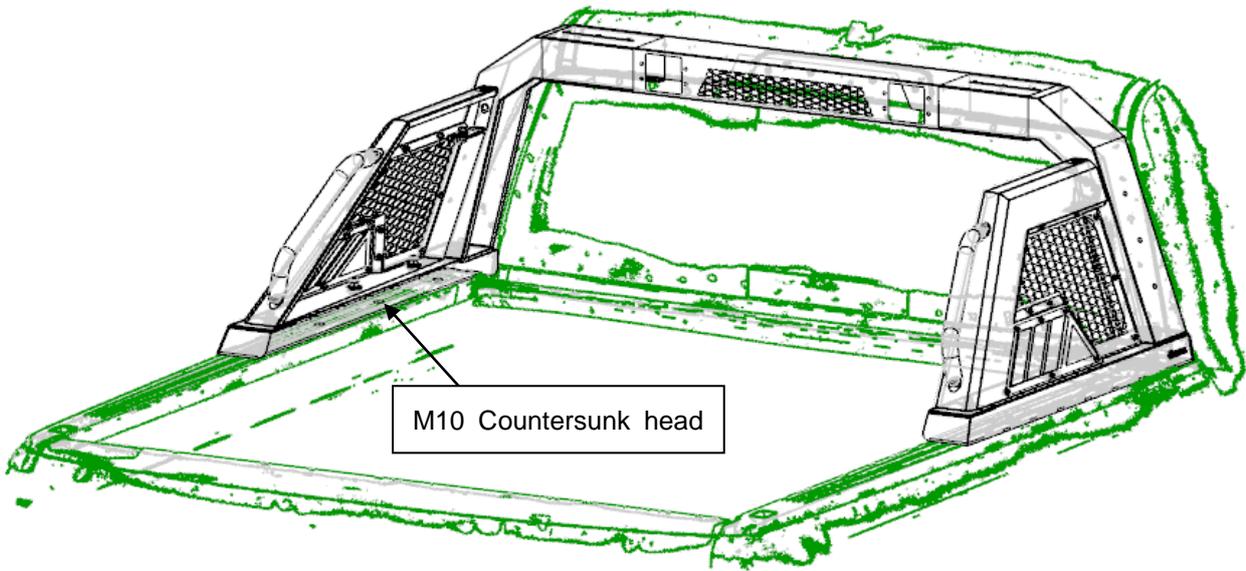
Step 1: Prepare the tools required in the installation process: (inner hexagon spanner #6, electric drill and drill bit 13.5mm).

Step 2: Place the location sheet evenly on the edge of both sides of the carriage, and pay attention to adjust the distance.

Step 3: Align the electric drill with the hole on the location sheet, drill a hole with a diameter of 13.5mm on the edge of the carriage, and drive the rivet nuts into the corresponding hole.

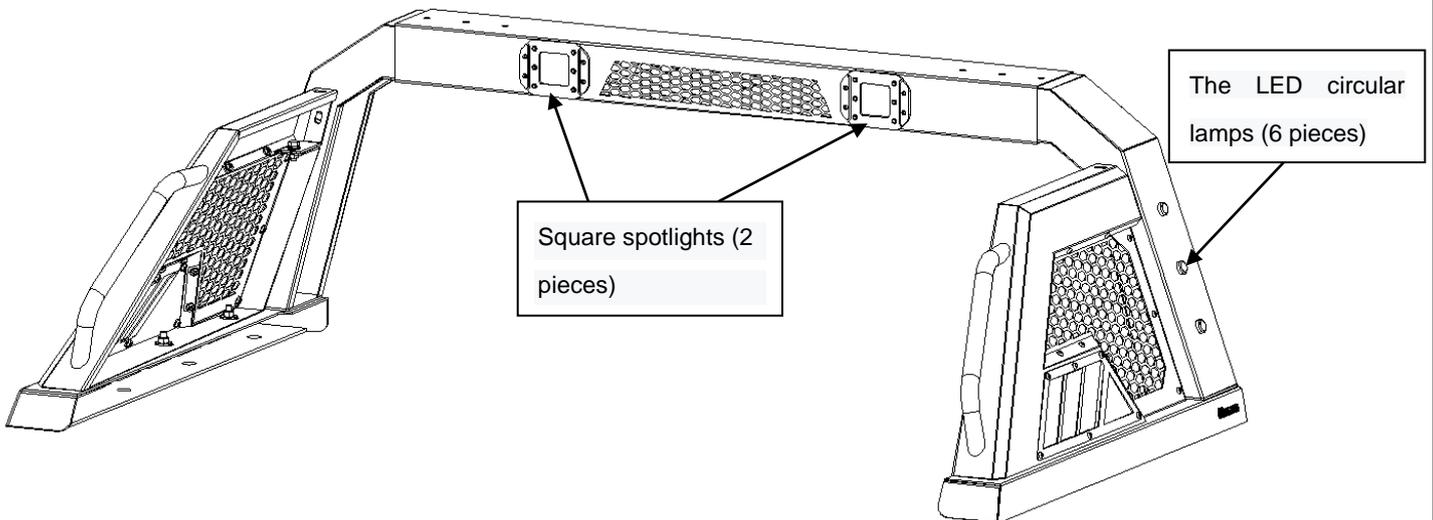
Step 4: Lift the roll bar onto the carriage, put the M10 countersunk head screw into the alignment hole and tighten it.





## C. Installation of square spotlights and LED Circular Lamps

(Note: This light group can only be connected to 12V power supply!)



= Confirmation after installation =

- 1) After installation, please confirm that if the each step is missed.
- 2) Please confirm that if the screws are completely tightened.
- 3) Waterproof protection measures should be made at the junction of the lamp power line to prevent short-circuit and lamp burnout in rainy days.

### TIPS:

= **Routine Maintenance** =

- 1) Please use neutral detergent to wet the soft cloth or suede and so on, then clean our product.

### Note

- Do not use any hard objects such as brushes. Otherwise, it will cause surface scratches.
- Please protect the product from gasoline, light fuel, fuel oil, brake fuel, engine oil, paint thinner, sulphuric acid(battery liquid), wax remover, etc. Otherwise, it will cause product discoloration and dyeing. In case product come into contact with above objects, please use neutral detergent to wet the soft cloth or suede and so on, then clean our product and wash it with water quickly.