

2 FITTING INSTRUCTIONS

WARNING:

Before you begin installation, read all instructions thoroughly.
 Proper tools will improve the quality of installation and reduce the time required.

- This product should be installed as demonstrated in the *Product «Fitting Instructions»*;
- The specified parts, will only fit the models specified by **AFN**;
- Do not modify any component of the product;
- It is recommended that this product is installed by specialized and trained personnel;
- AFN doesn't take responsibility for changes made in the vehicle by its manufacturer;
- Work safely and use specialized tools at all times;
- **Always use protective gear.**

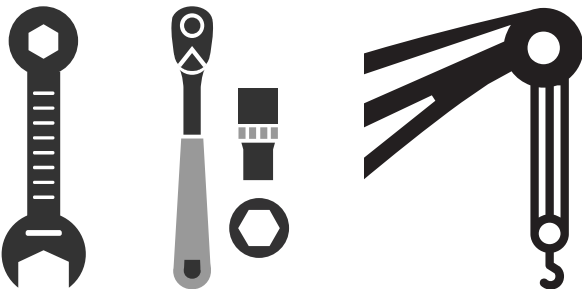


Size	Torque Nm	Torque lbft
M6	9 Nm	7 lbft
M8	22 Nm	16 lbft
M10	44 Nm	32 lbft
M12	77 Nm	57 lbft

Mouting Time

- 2 hours
- 1 persons (recommended)

Tools Required



- Wrench
- Ratchet wrench
- Crane

Step 1 - Remove the OEM* Bumper

Remove the *OEM** bumper just as specified by the vehicle manufacturer in your maintenance manual. *(Be aware that you must save the OEM bolts and nuts.)*



In our case, we also removed the grill of the vehicle in order to have more room to work. Be careful so you don't break the fasteners of the grill.

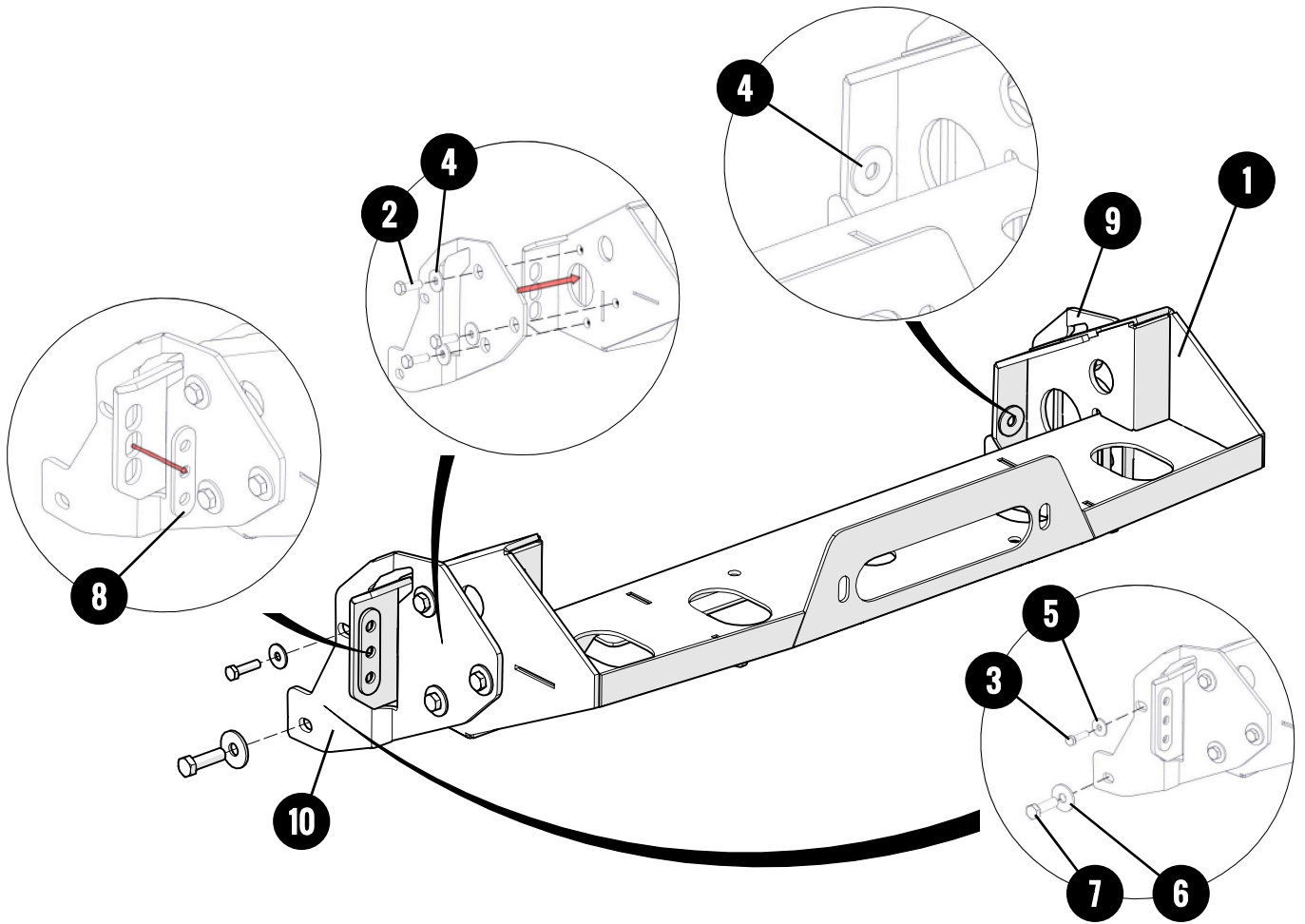
If you done it correctly this is what it should look like.



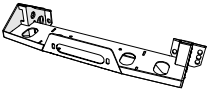
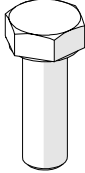
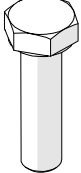
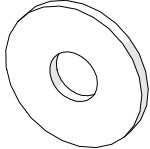
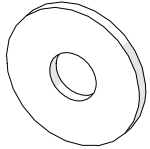
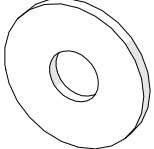
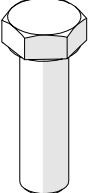
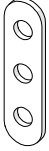
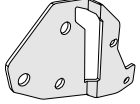
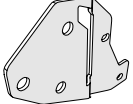
*OEM - Original Equipment Manufacturer

Step 2 - Fitting the Winch Bracket to the Chassis

Preview



Parts needed:

- | | | | | | |
|---|---|---|--|---|---|
| <p>1</p>  | <p>2</p>  | <p>3</p>  | <p>4</p>  | <p>5</p>  | <p>6</p>  |
| <p>x1 Winch Bracket</p> | <p>x6 Bolt M10x30</p> | <p>x2 Bolt M8x30</p> | <p>x8 Washer M10</p> | <p>x2 Washer M8</p> | <p>x2 Washer M12</p> |
| <p>7</p>  | <p>8</p>  | <p>9</p>  | <p>10</p>  | | |
| <p>x2 Bolt M12x40</p> | <p>x2 Triple Washer plate</p> | <p>x1 Winch Reinforcement
Left Side</p> | <p>x1 Winch Reinforcement
Right Side</p> | | |

Step 2 - Fitting the Winch Bracket to the Chassis

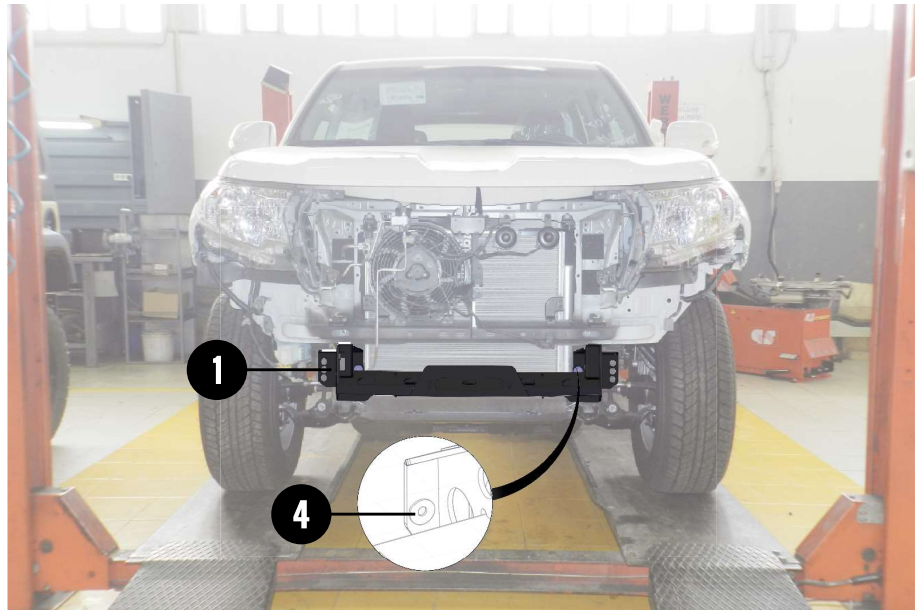
Installation

Fit the **Winch Bracket(1)** onto the **Chassis**. Bolts needed:

Re-use the 2x *OEM** Bolts with 2x Washers M10(4).

Just finger tight both bolts

Do Not tighten yet.



ATTENTION!

If you're going to fit the **Wraparound - 48002526**, please ignore this step and proceed to **Step 4**.

Once the **Winch Bracket(1)** is secured, take on **Right Winch Reinforcement(10)** and fit it into the **Winch Bracket(1)**.

Use 3x Bolts M10x30(2) with 3x Washers M10(4).

Repeat this step on the other side, for the **Left Winch Reinforcement(9)**.

Just finger tight both bolts

Do Not tighten yet.

Fit the **Right Winch Reinforcement(9)** into the **Chassis** using 1x Bolt M8x30(3) with 1x Washer M8(5).

Below, use 1x Bolt M12x40(7) with 1x Washer M12(6).

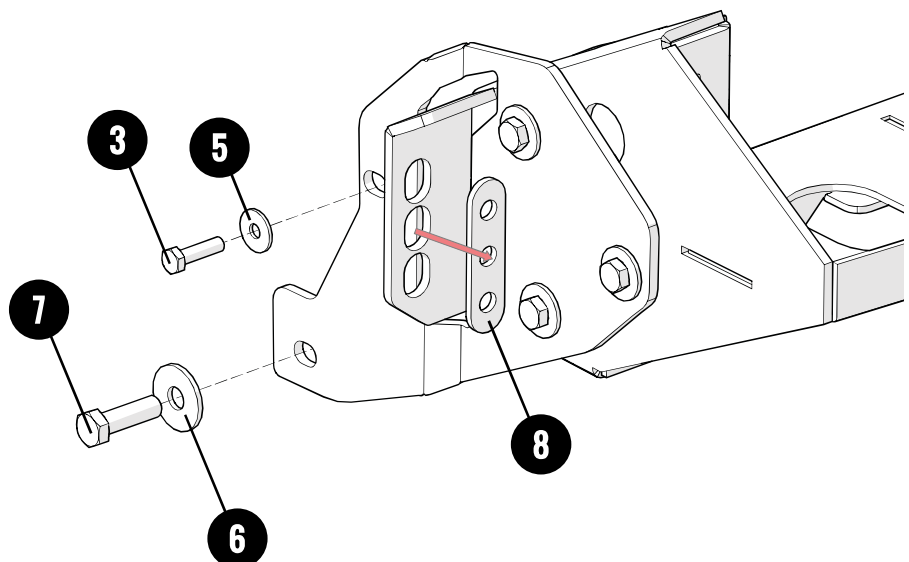
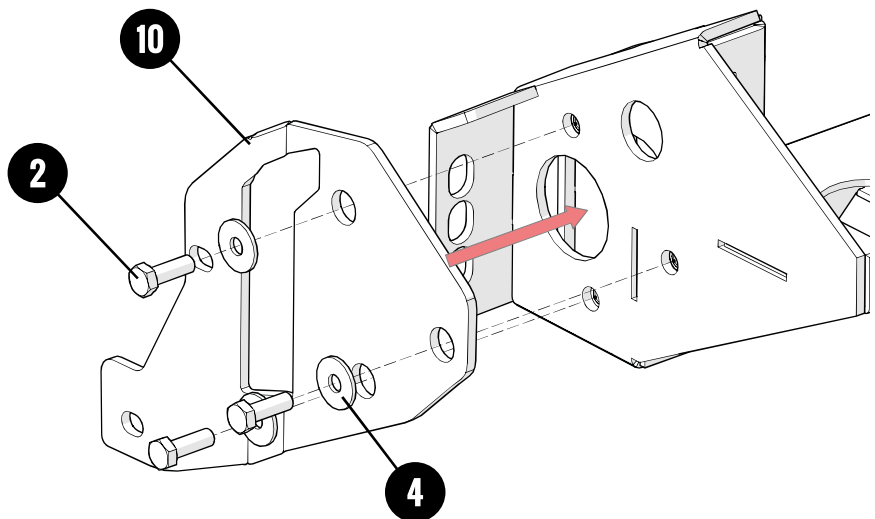
Repeat this step on the other side, for the **Right Winch Reinforcement(10)**.

Finally, take on **Triple Washer plate(8)** and fit it into the **Winch Bracket(1)** re-using 3x *OEM** Bolts.

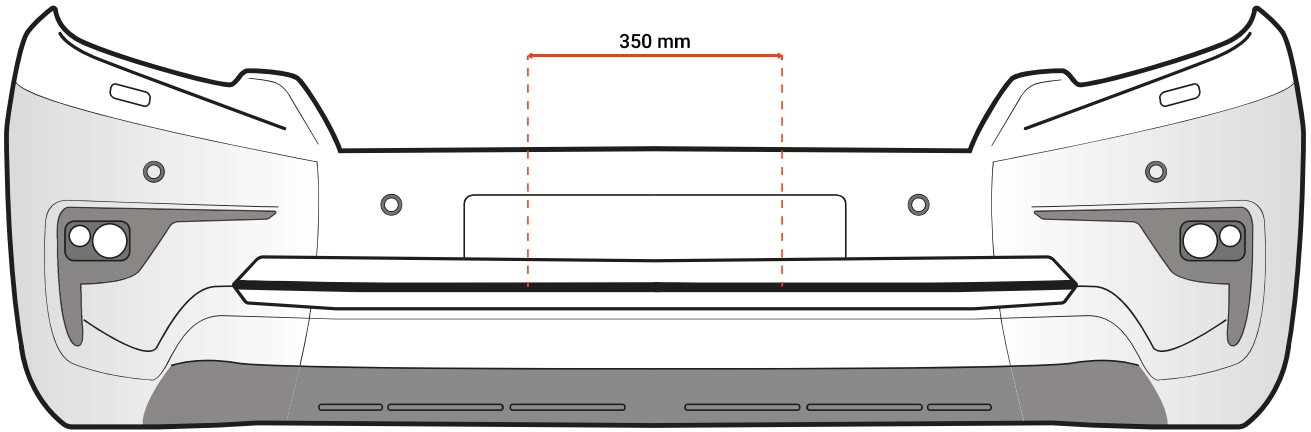
Repeat this step on the other side.

Just finger tight both bolts

Do Not tighten yet.



*OEM - Original Equipment Manufacturer



Step 3 - Cutting the OEM Bumper and Installing the Winch

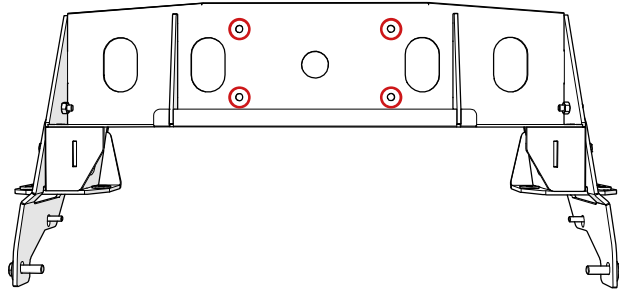
Installation

ATTENTION!

If you have a **WINCH** to be mounted, please check the its instructional manual and fitted above the highlighted points.

Please be in mind that the Roller Fairlead of the winch must be fitted in the front of the **Winch Bracket(1)**.

Give the final torque.



Once that is done, refit the *OEM** bumper just as specified by the vehicle manufacturer in your maintenance manual. *(Be aware that you must use the OEM bolts and nuts.)*

Just finger tight both bolts

Do Not tighten yet.

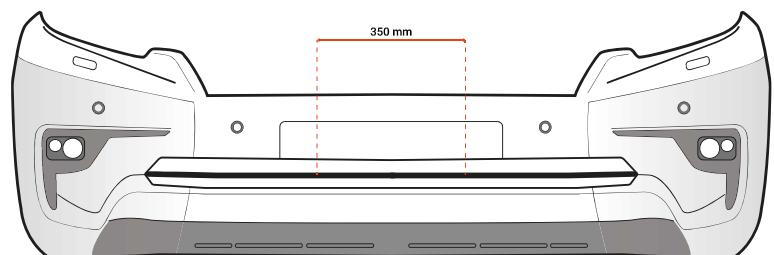
Please be in mind that, there is only need to cut the black plastic, as shown in the image, the OEM Bumper will remain intact.*



Finally, use the size of the **Winch's Roller Fairlead** and center it above the bumper as guide line to the cutting process.

Apply some tape to mark the trimming line.

In our case, we used the **AFN Roller Fairlead**, and needed 350 mm.

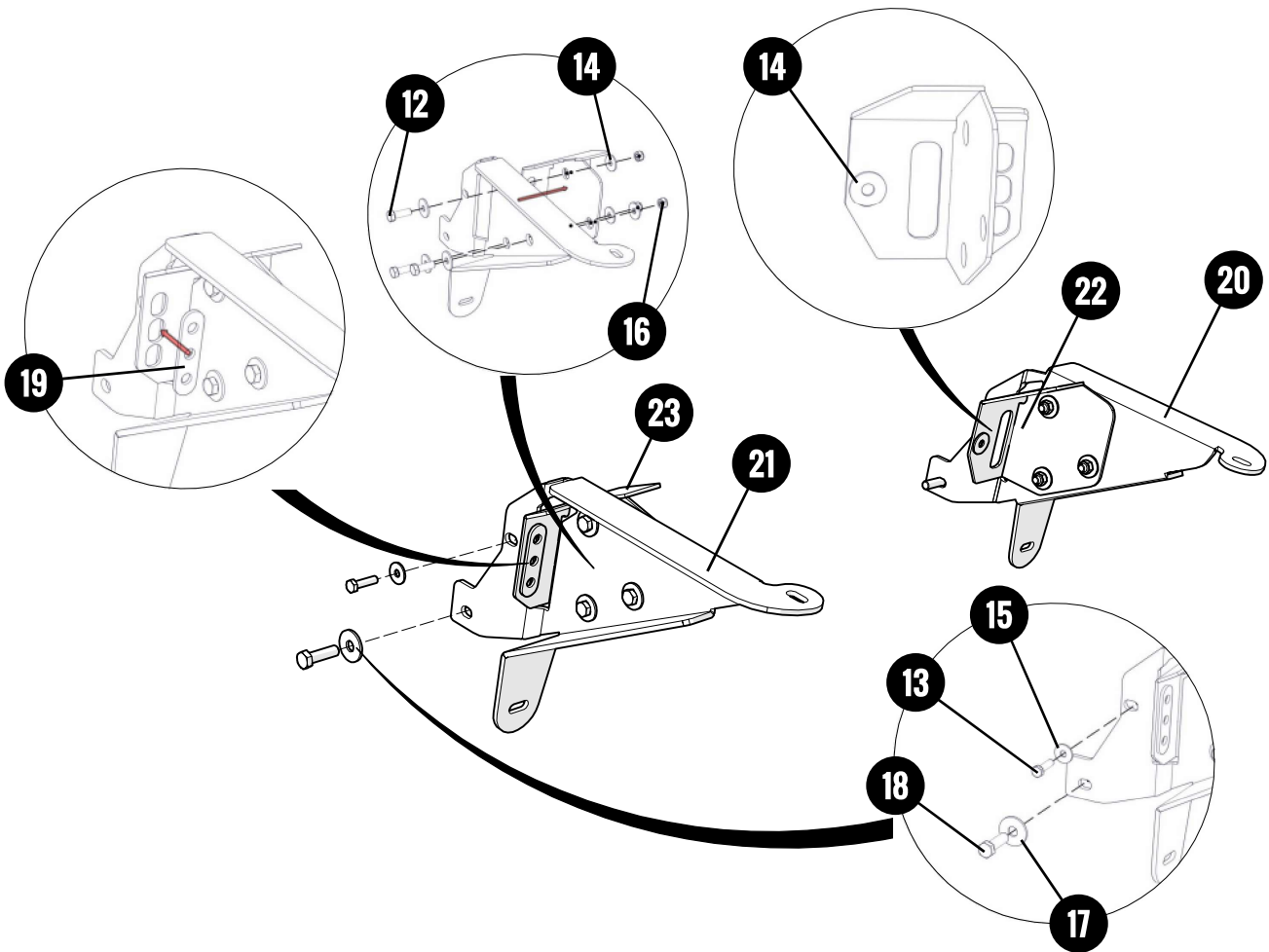


You may have to do the final touches in the trimming the bumper. When it's done, and if you want to do a cleaner job, you may use a rasp to smooth the rough edges.

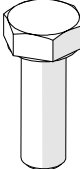
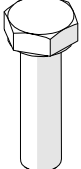
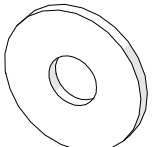
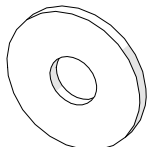
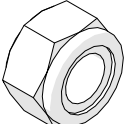
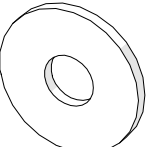
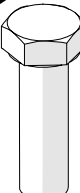
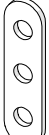
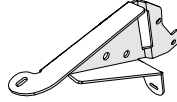
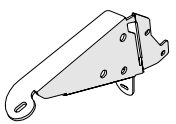
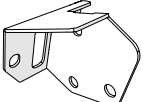
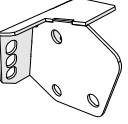
*OEM - Original Equipment Manufacturer

Step 4 - Fitting the AFN Wraparound's Brackets

Preview



Parts needed:

- | | | | | | |
|--|--|--|---|---|---|
| <p>12</p>  <p>x6 Bolt M10x30</p> | <p>13</p>  <p>x2 Bolt M8x30</p> | <p>14</p>  <p>x14 Washer M10</p> | <p>15</p>  <p>x2 Washer M8</p> | <p>16</p>  <p>x6 Nylock Nut M10</p> | <p>17</p>  <p>x2 Washer M12</p> |
| <p>18</p>  <p>x2 Bolt M12x40</p> | <p>19</p>  <p>x2 Triple Washer plate</p> | <p>20</p>  <p>x1 Wraparound Bracket
Right Side</p> | <p>21</p>  <p>x1 Wraparound Bracket
Left Side</p> | <p>22</p>  <p>x1 Right Bracket</p> | <p>23</p>  <p>x1 Left Bracket</p> |

Step 4 - Fitting the AFN Wraparound's Brackets

Installation

ATTENTION!

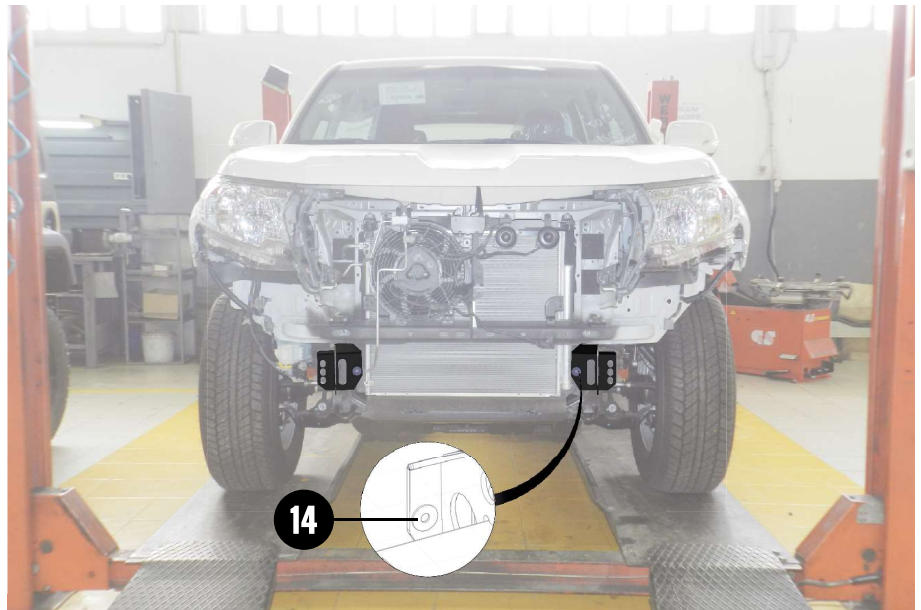
If you have the **Winch Bracket(1)** mounted on the vehicle, the following **Reinforcements** will not be used.

Fit both Left and Right Reinforcements(22) and (23) onto the **Chassis**. Bolts needed:

Re-use the 2x *OEM** Bolts with 2x Washers M10(14).

Just finger tight both bolts

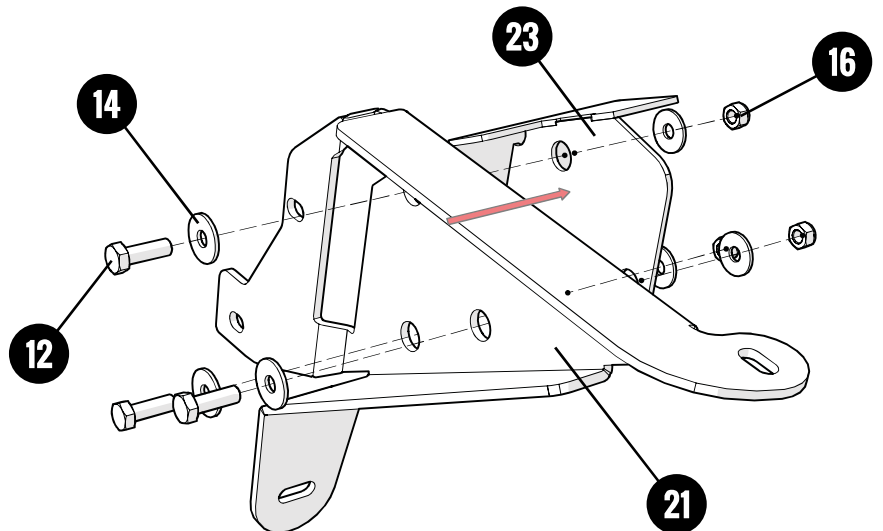
Do Not tighten yet.



Then, take on Right Wraparound Bracket(21) and fit it into the **Left Bracket(23)** or (10), depending on the version.

Use 3x Bolts M10x30(13) with 6x Washer M10(14), one on each side, and 3x Nylock Nuts M10(16).

Repeat this step on the other side, for the Right Bracket(22).



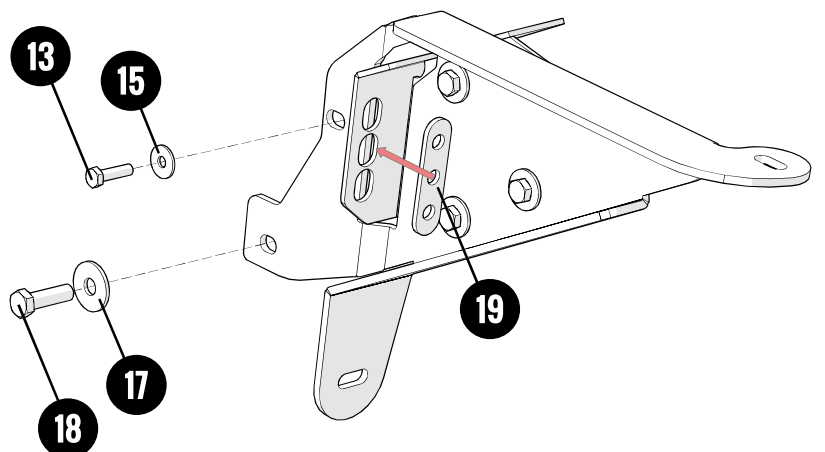
Just finger tight both bolts

Do Not tighten yet.

Fit the Left Wraparound Bracket(21) into the **Chassis** using 1x Bolt M8x30(13) with 1x Washer M8(15). Below, use 1x Bolt M12x40(18) with 1x Washer M12(17).

Finally, take on Triple Washer plate(19) and fit it into the **Left Bracket(23)** or (10) re-using 3x *OEM** Bolts.

Repeat this step on the other side, for the Right Wraparound Bracket(20).



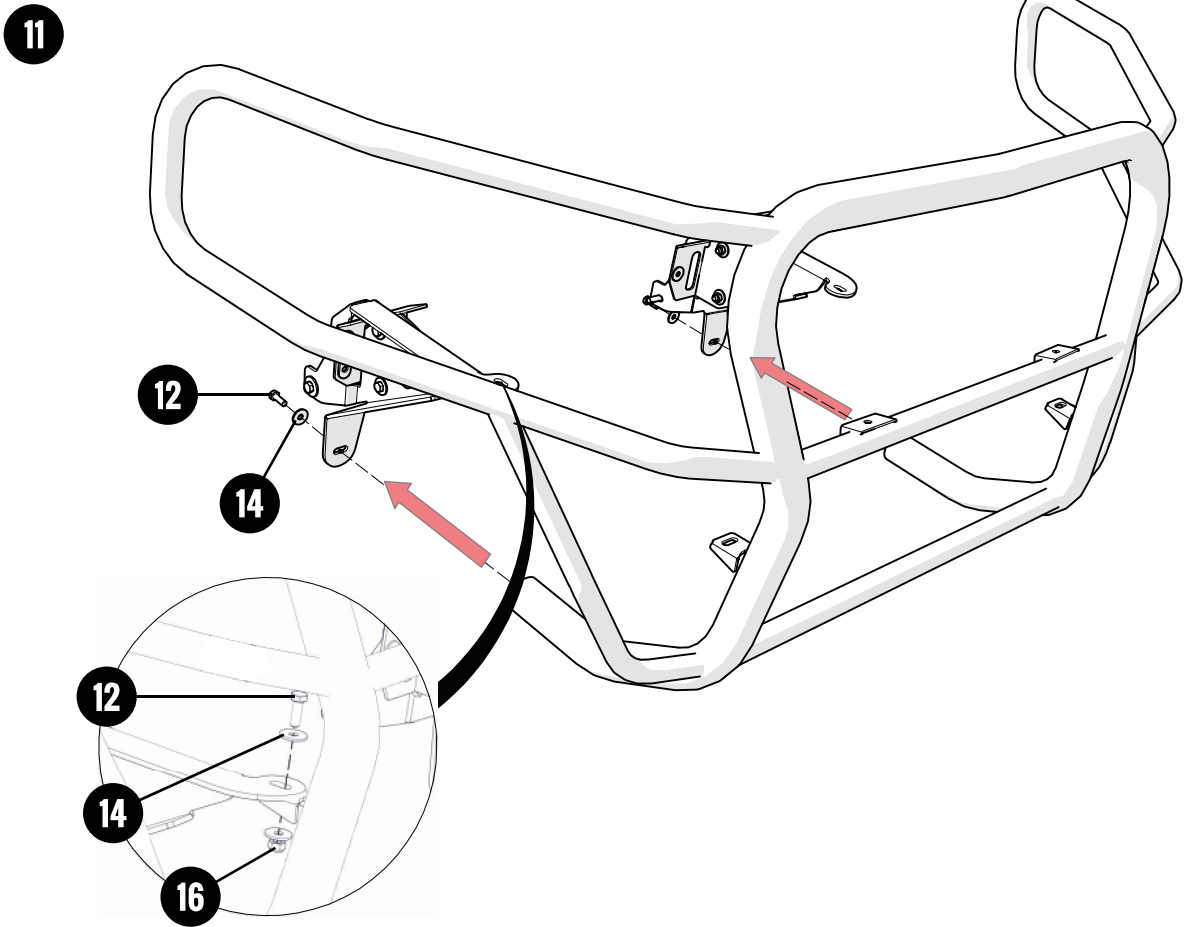
ATTENTION!

If you're going to fit the **WINCH**, please return to **Step 3**, if not continue to the next page.

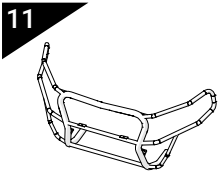
**OEM - Original Equipment Manufacturer*

Step 5 - Fitting the Wraparound in the Vehicle

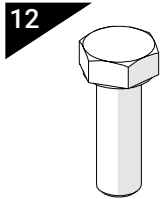
Preview



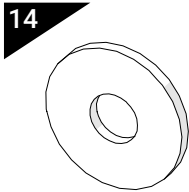
Parts needed:



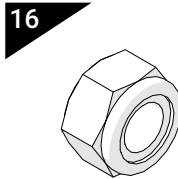
11



12



14



16

x1 Wraparound LC 150 x4 Bolt **M10x30**

x6 Washer **M10**

x2 Nylock Nut **M10**

Step 5 - Fitting the Wraparound in the Vehicle

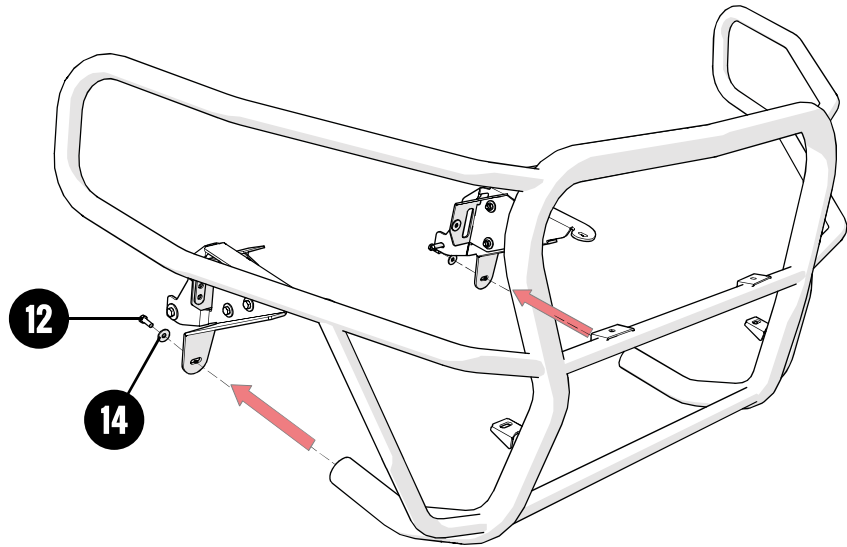
Installation

Fit the **Wraparound(11)** on the chassis.

Use 2x Bolts M10x30(12), with 2x Washers M10(14).

Just finger tight both bolts

Do Not tighten yet.

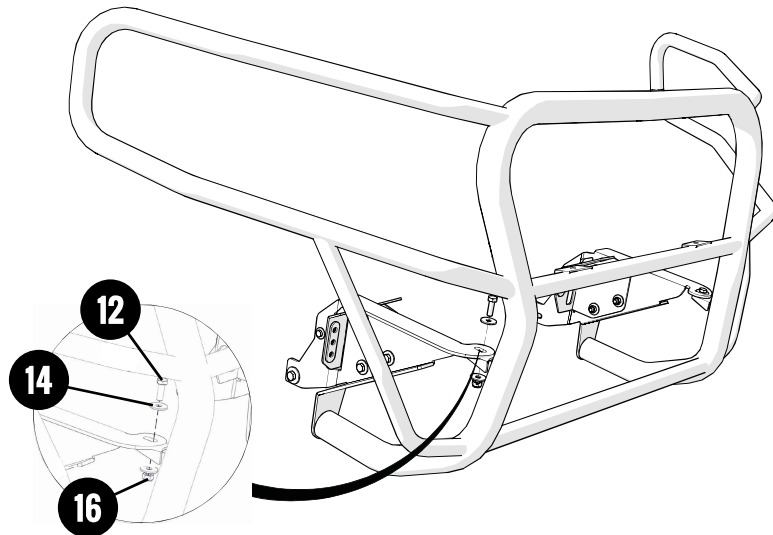


Then, fit the **Wraparound(11)** on both **Left and Right Reinforcements(11)**.

Use 2x Bolts M10x30(12), with 4x Washers M10(14), two on each side, and with 2x Nylock Nuts M10(16).

Once that is done, adjust the **Wraparound(1)**, the best way.

Check to make sure the **Wraparound(1)** is levelled.



Give the final torque.

Finally, fit the license plate using the OEM* bolts, previously removed.

Give the final torque.

