



Your 4x4 Accessory Adventure Partner.

FITTING INSTRUCTIONS

**ALL EFS BULL BARS HAVE BEEN TESTED AND ARE AIRBAG & ADR COMPLIANT.
ANY MODIFICATIONS TO THE BULL BAR OR ITS MOUNTS WILL VOID THIS COMPLIANCY AND WARRANTY**

BEFORE INSTALLATION

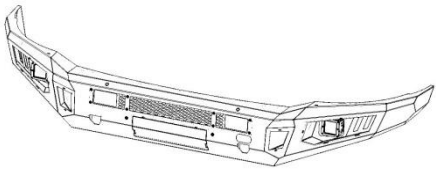
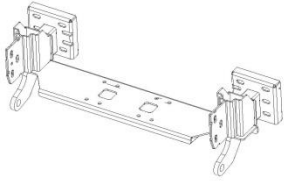
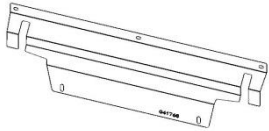
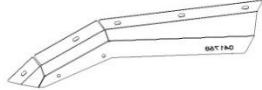
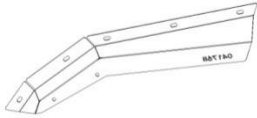
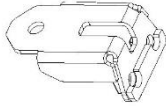


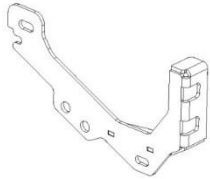
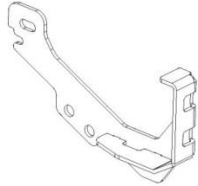
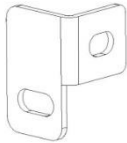

- Please read the instructions completely before installing. This will allow for easy installation and help to avoid scratches or other potential damages to the vehicle.
- images are for reference only and may differ slightly from the actual product you are installing. Whilst images may differ, they share the same assembly instructions.

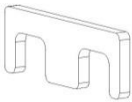
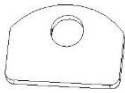




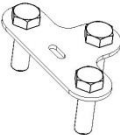
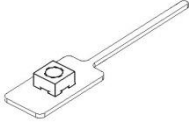

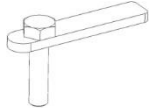


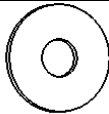
CARE & CLEANING


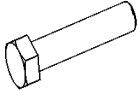

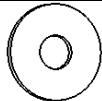



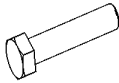
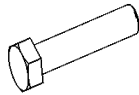
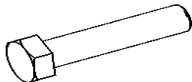





- Mild soap may be used to clean the bull bar.
- Check and retighten all the hardware regularly.

It is a condition of our warranty that Bullbar / Rearbars & Side rails / steps are installed by a suitably qualified installer. And is installed in accordance with accompanying installation instructions provided with item.

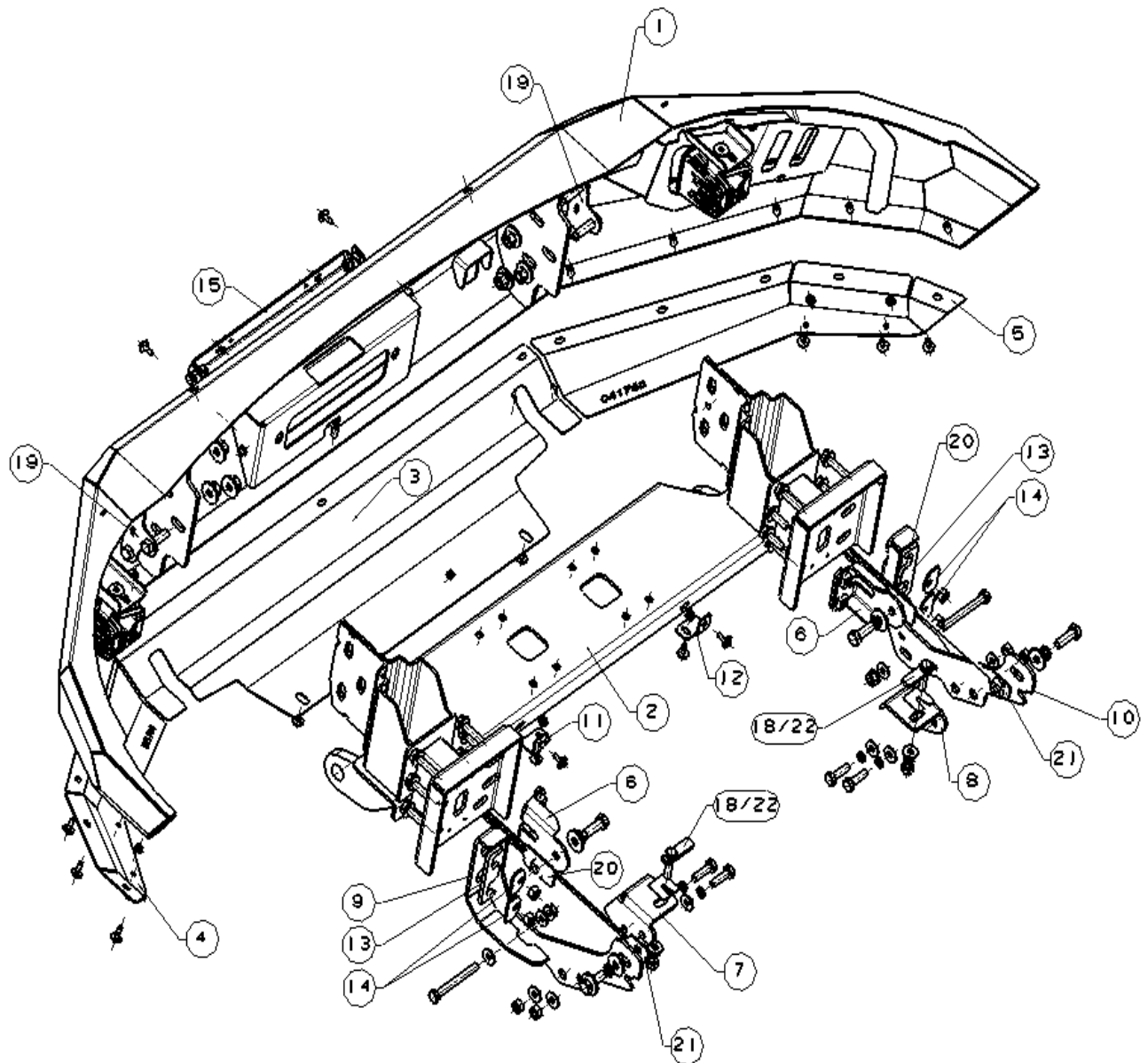
PARTS LIST

NO.	QTY	NAME	NO.	QTY	NAME
1	1	 <p>Main body</p>	2	1	 <p>Winch Frame</p>
3	1	 <p>Central Skid Plate</p>	4	1	 <p>Skid Plate (L)</p>
5	1	 <p>Skid Plate (R)</p>	6	2	 <p>Inside mounting bracket</p>
7	1	 <p>Underneath Mounting Bracket (L)</p>	8	1	 <p>Underneath Mountign Bracket (R)</p>
9	1	 <p>Mounting Bracket (L)</p>	10	1	 <p>Mounting Bracket (R)</p>
11	1	 <p>Bracket for Factory Bash Plate (L)</p>	12	1	 <p>Bracket for Factory Bash Plate (R)</p>

13	2	 Spacer plate	14	4	 Spacer plate
15	1	 License Bracket	16	6	 Cable Tie
17	2	 M10 Coil Spring	18	2	 M10 Plastic Block
19	2	 Upright Bolt Plate	20	2	 M12 Nut plate with short handle
21	2	 M12 Nut plate with short handle	22	2	 T-bolt
23	1	 LED 3m Wiring Harness			
Hardware list:					
24	10	 Spring Washer D12	25	20	 Washer D12_32_3

26	6	 Hex Nut M12	27	4	 Hex Bolt(Full Thread) M12_35
28	20	 Spring Washer D10	29	28	 Washer D10_24_2.2
30	6	 Hex Nut M10	31	4	 Hex Nut (Find Thread) M10
32	2	 Hex Nut With Flange (Find Thread) M10	33	8	 Hex Bolt(Full Thread) M10_35
34	10	 Hex Bolt(Full Thread) (Find Thread) M10x1.25_45	35	2	 Hex Bolt(Full Thread) (Find Thread) M10x1.25_90
36	8	 Hex Nut With Flange M6	37	21	 Bolt & Washer Assembly M6_20
38	1	 Wrench S=4			
Hardware list for License Bracket:					
39	8	 Flat Washer D4	40	4	 Hex Nut M4

INSTALLATION FIG

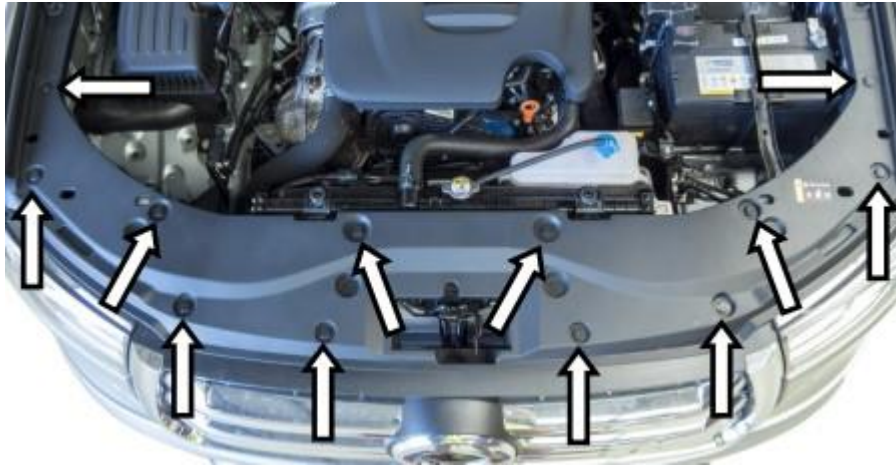


INSTALLATION INSTRUCTIONS

Step 1: Verify that all parts are present according to the manual.

Step 2: Remove the bumper, grille, crash beam and bash plate. As follows.

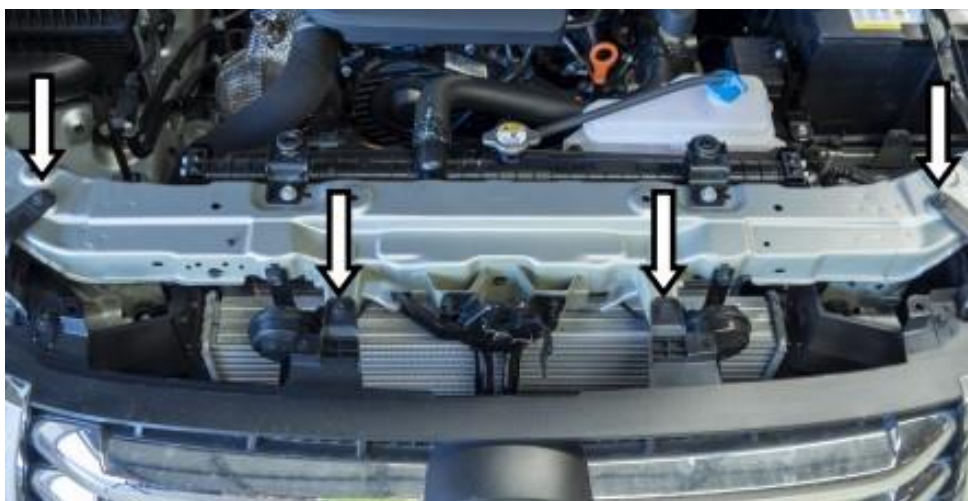
Remove plastics clips under bonnet



Remove rubber seal before removing plastic cover



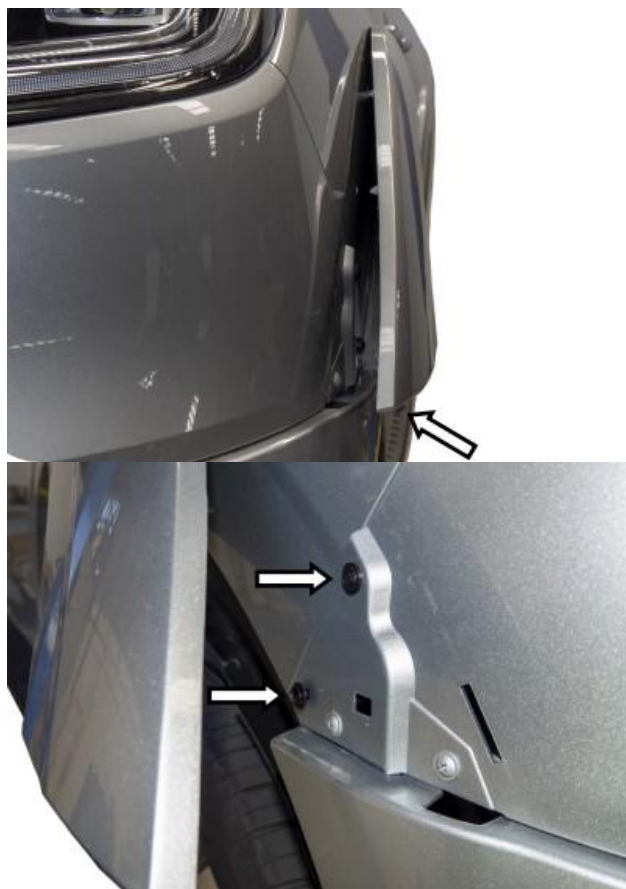
Remove cover and remove screws on the top of the grille



Unplug the front camera on the back of the grille.

Remove the screws securing the bumper from the bottom and from inside the wheel arches.

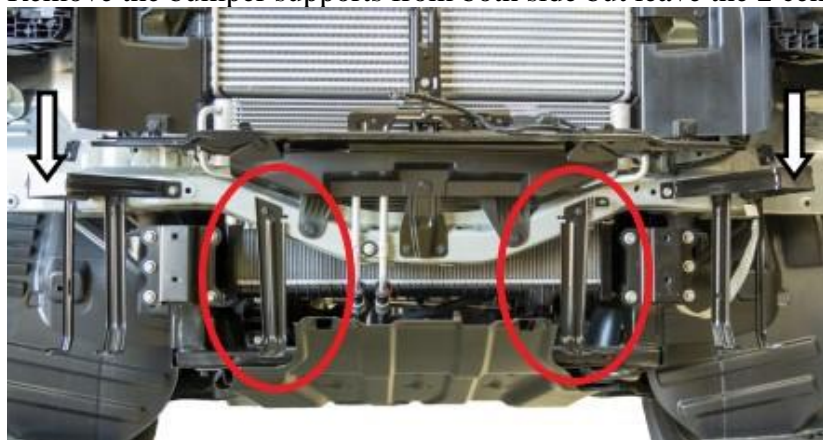
Lightly pull on the flare on both sides to reveal the screws holding the bumper in place on the side. Remove the screws.



You should now be able to remove the grille and bumper assembly. Unplug main wiring harness before removing bumper.

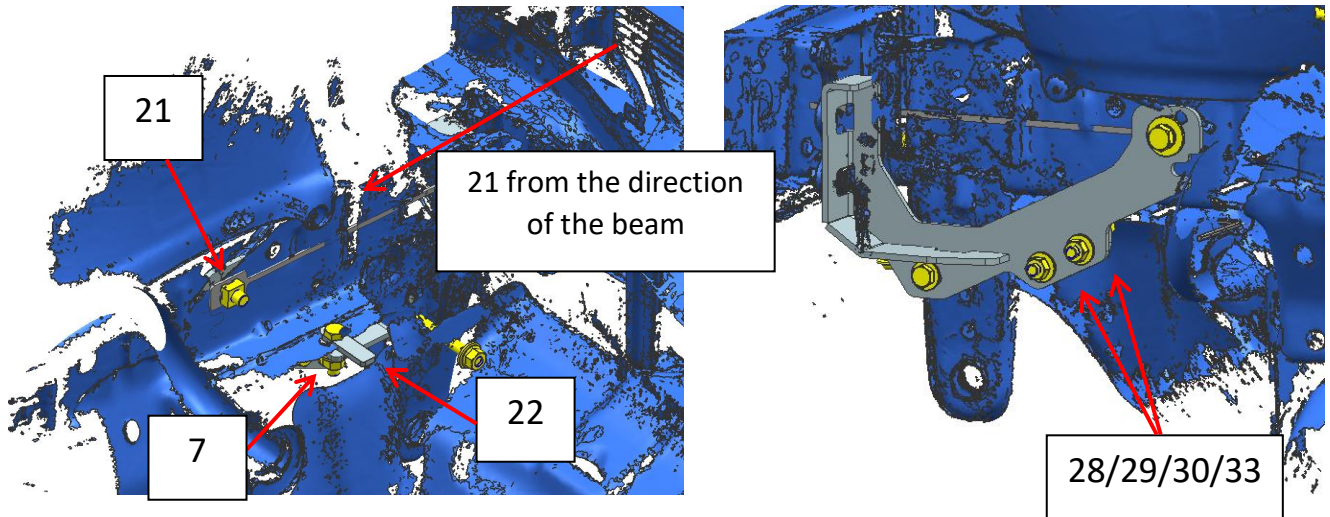
Remove crash beam.

Remove the bumper supports from both side but leave the 2 centre ones as circled in the picture below.

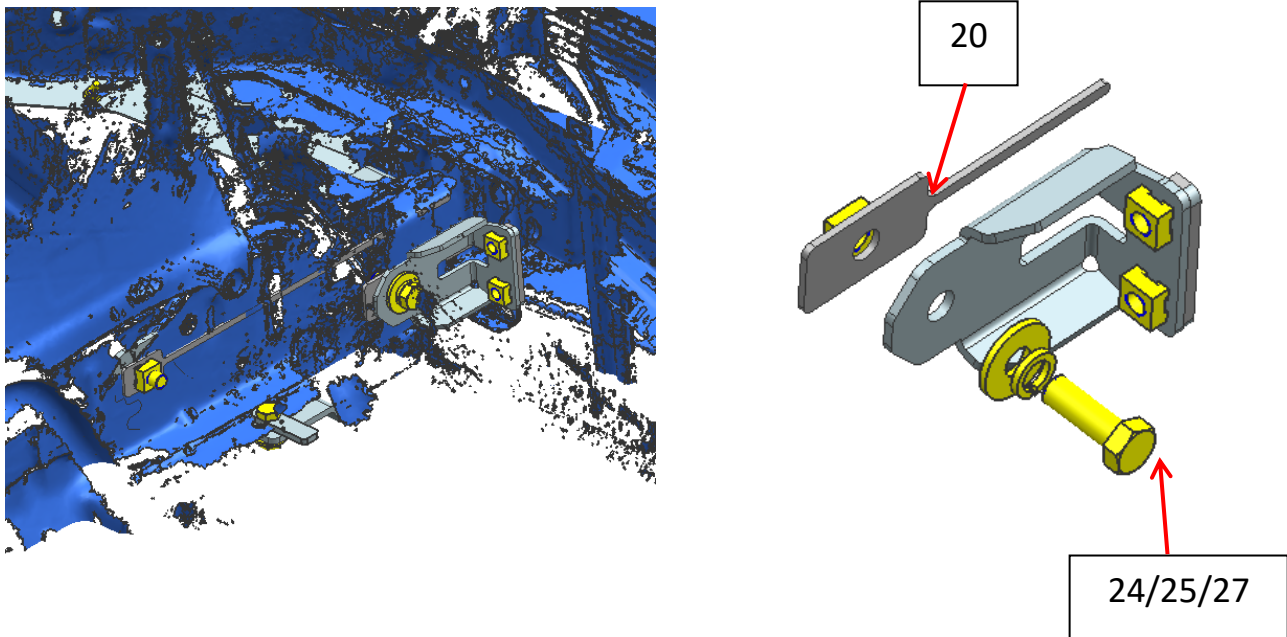


Remove bash plate.

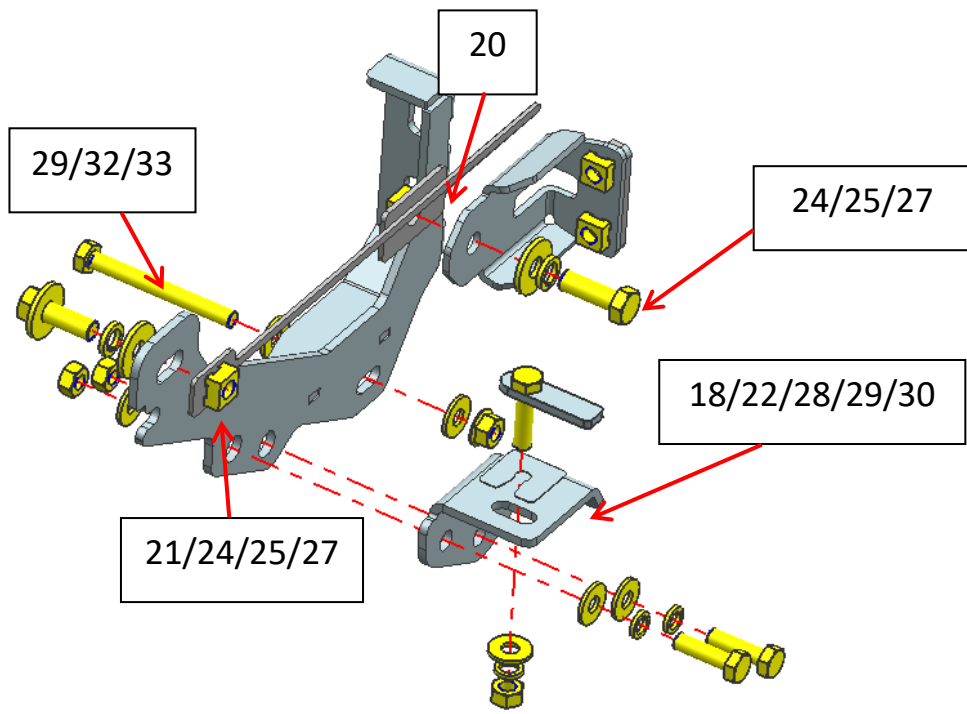
Step 2 Install the outside mounting bracket/underneath mounting bracket with 21 M12 Nut plate with long handle through the chassis end plate and other hardware instructed in following picture.



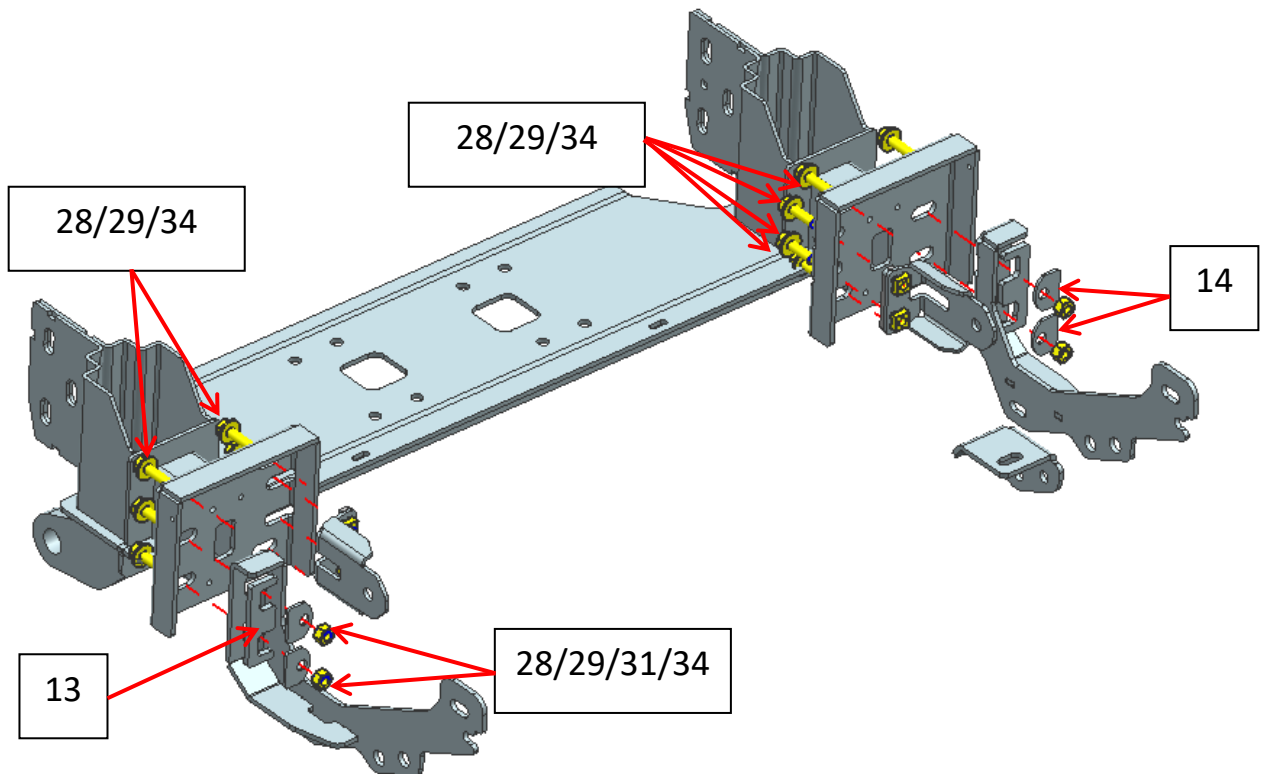
Step 3 Install the inside mounting bracket with 20 M12 Nut plate with short handle through the chassis end plate and other hardware instructed in following picture.



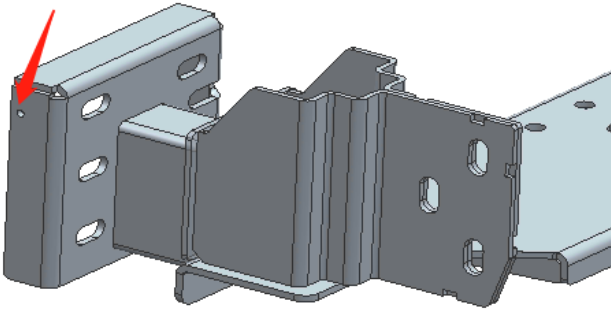
Left side and right side are the same installation way.



Step 4 Connect the winch frame to the chassis endplate with hardware show as below.



Please noted the following holes on winch mount, is used for:
Please remove the earth strap from left hand side and right hand side chassis rail, and refit it to the threaded holes on the winch mount, with factory bolts.



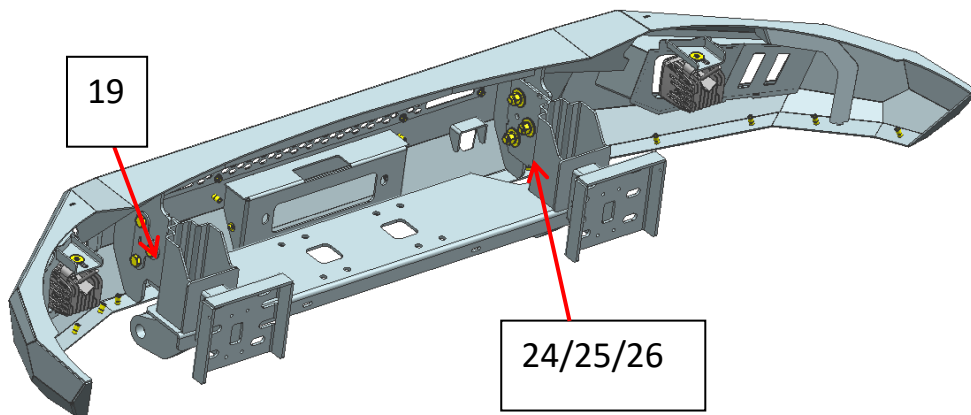
If installing a winch proceed with this before going further.

Fit parking sensors to new bulbar by drilling 20mm holes and using the original sensor holders. Use silicon to secure these in place. You may need to trim these back a little for a flush fit.

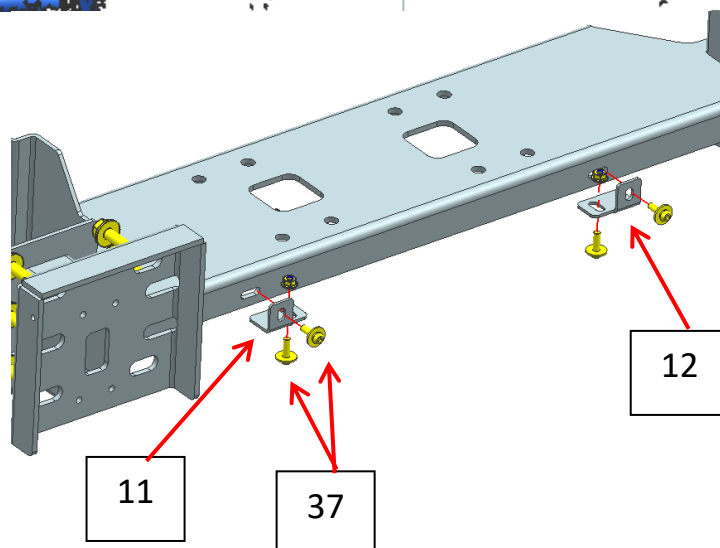
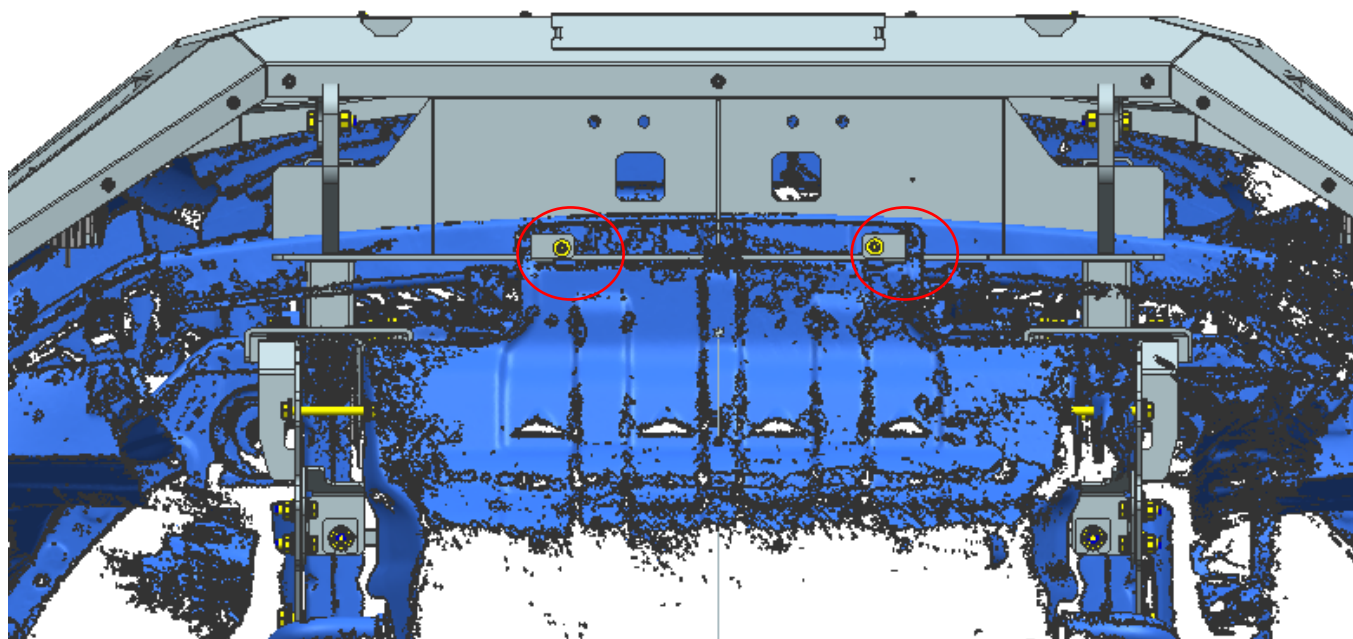




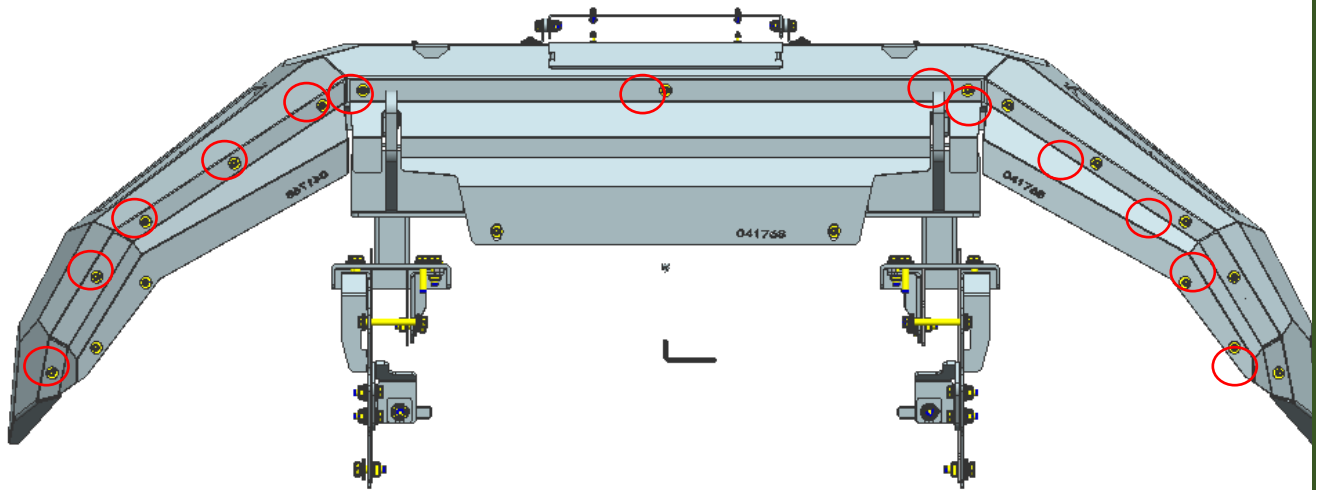
Step 5 Connect bull bar to winch frame by hardware show as below.



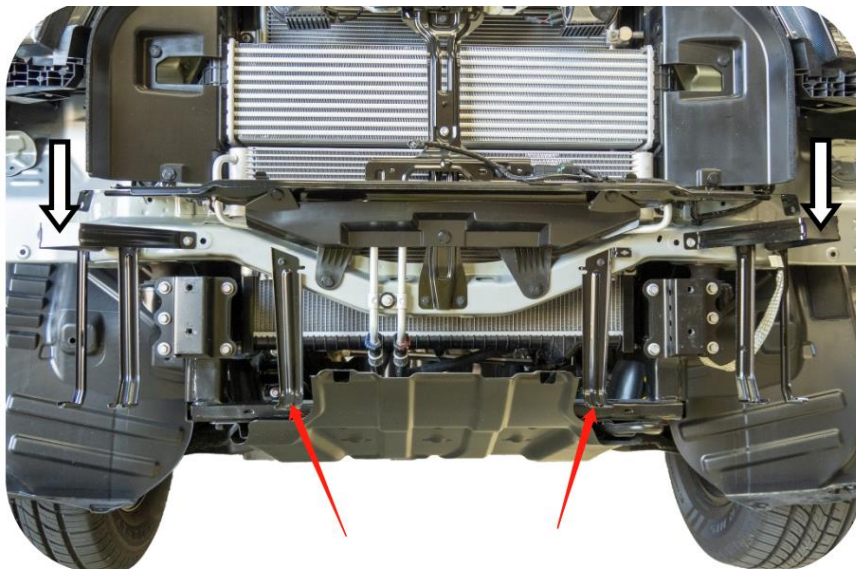
Step 6. Connect the factory bash plate to the winch frame with bash plate brackets 12.

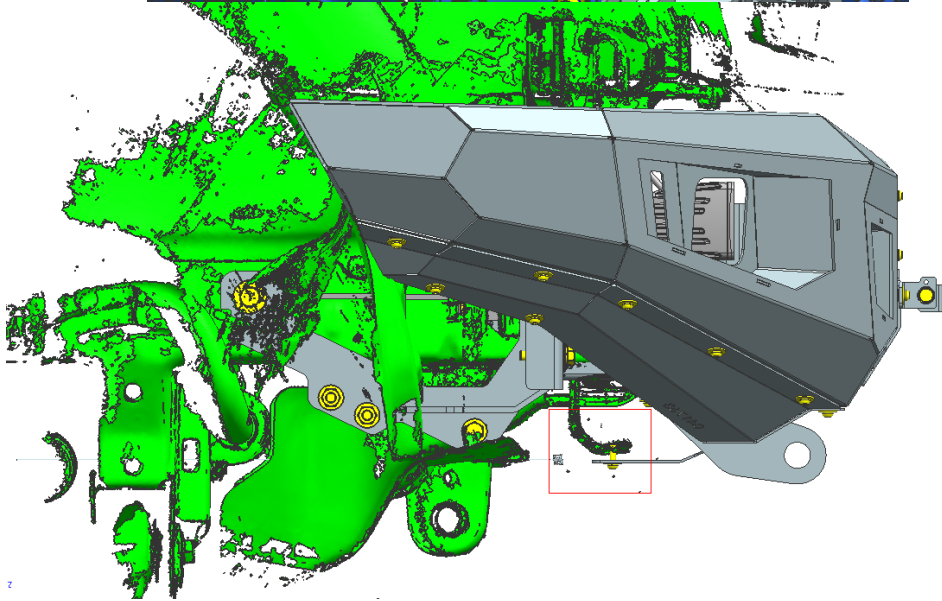
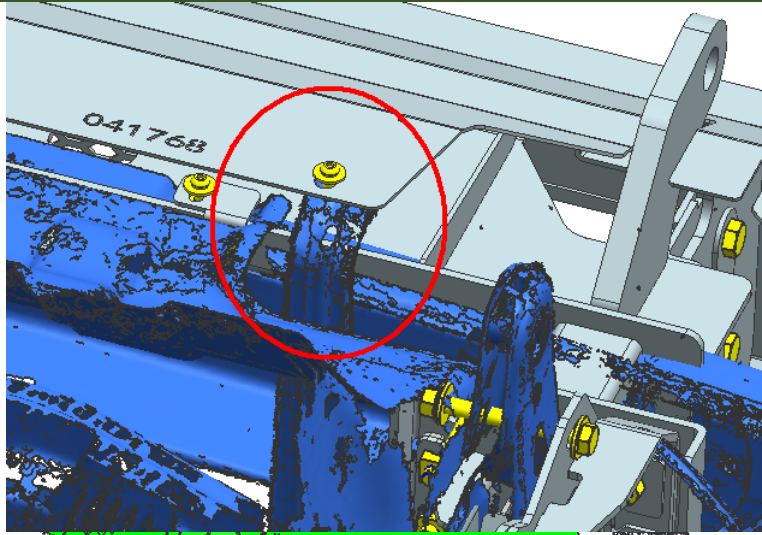


Step 7 . Connect left/central/right skid plate to the bull bar.

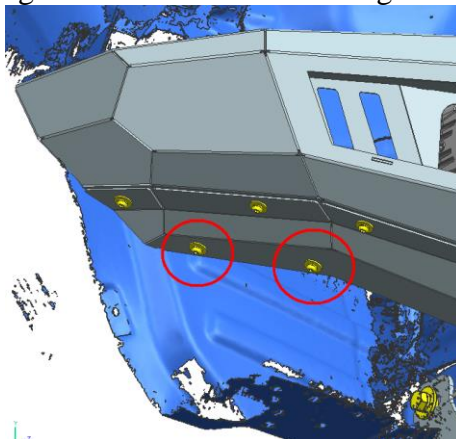


The other side of the central skid plate should be connect to the factory hanging bracket as shown in following pictures.

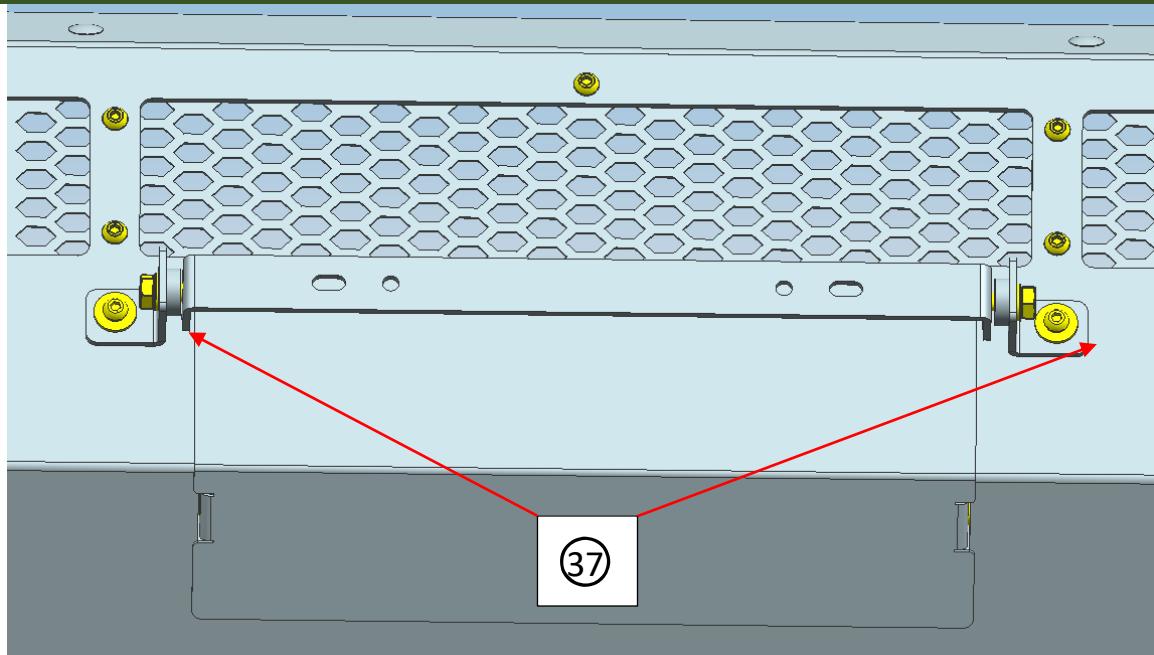




Then cut the mud plate to proper length in order to fix left and right skid plate.



Step 8 Install license bracket on the bull bar main body.



Step 8: Test and make sure that the guard is steadily fixed, fully tighten all hardware.

Step 9: Installation is finished, pick up all tools.

NOTE

Any damages or loss caused by the improper installation and use of EFS Accessories will not be covered by warranty.

Please ensure you leave sufficient spacing between bullbar and guards