



Your 4x4 Accessory Adventure Partner.

# FITTING INSTRUCTIONS

SB1-FORD-01

STOCKMAN BULLBAR

FORD RANGER 12-15



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.

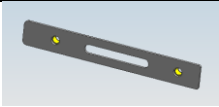
## CARE & CLEANING

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








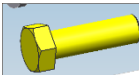
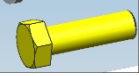


It is a condition of our warranty that Bullbar / Rearbars & Side rails / steps are installed by a suitably qualified installer. And is installed in accordance with accompanying installation instructions provided with item.

**PARTS LIST**




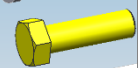
NO.	QTY	NAME	NO.	QTY	NAME
1	1	 BULL BAR	2	1	 WINCH FRAME
3	1	 INSTALLATION BRACKET (L)	4	1	 INSTALLATION BRACKET (R)
5	1	 WING PROTECTOR (L)	6	1	 WING PROTECTOR (R)
7	1	 SKID PLATE (L)	8	1	 SKID PLATE (R)
9	1	 MID SKID PLATE	10	2	 FOG LIGHT COVER
11	1	 SKID PLATE CONNECTOR (L)	12	1	 SKID PLATE CONNECTOR (R)
13	1	 LICENCE BRACKET 1	14	1	 LICENCE BRACKET 2

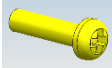


15	2		/	/	/
WINCH FRAME BRACKET					

HARDWARE LIST :

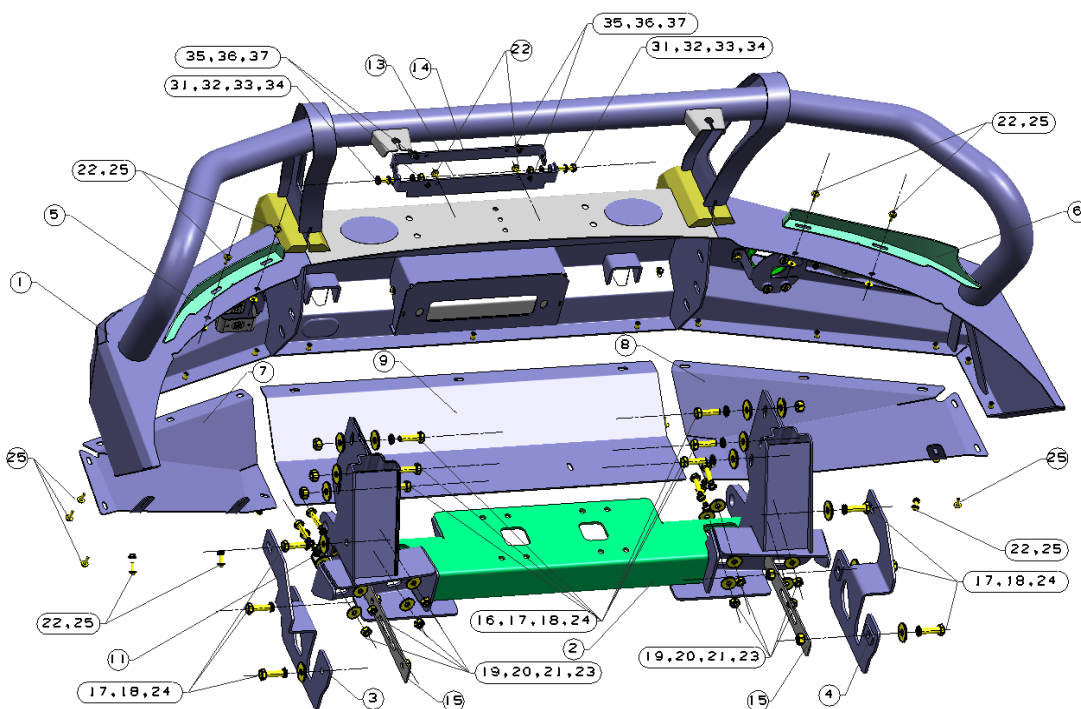
NO.	NAME		QTY
16	HEX NUT M12		6
17	SPRING WASHER D12		12
18	LARGE WASHER D12 (12x37x3mm)		12
19	HEX NUT M10		8
20	SPRING WASHER D10		12
21	LARGE WASHER D10(10x30x2.5mm)		20
22	HEX LOCKNUT WITH FLANGE M6 		10
23	HEX BOLT (FULL THREAD) M10_40		12
24	HEX BOLT (FULL THREAD) M12_40		6
25	INNER HEX BOLT, SPRING WASHER AND FLAT WASHER M6_20		27
26	SOCKET HEAD WRENCH S=4		1
27	STICKY TAPE (2 METERS)		1

HARDWARE LIST FOR LICENCE BRACKET 2

31	NYLON WASHER ( $\phi$ 20*6mm)		2
32	HEX LOCKNUT M8		2
33	FLAT WASHER D8 (8x16x1.6mm)		4
34	HEX BOLT (FULL THREAD) M8_30		2

35	CROSS CUPHEAD BOLT M4_16		
36	HEX NUT M4		4
37	FLAT WASHER D4 (4x8.65x0.8mm)		8

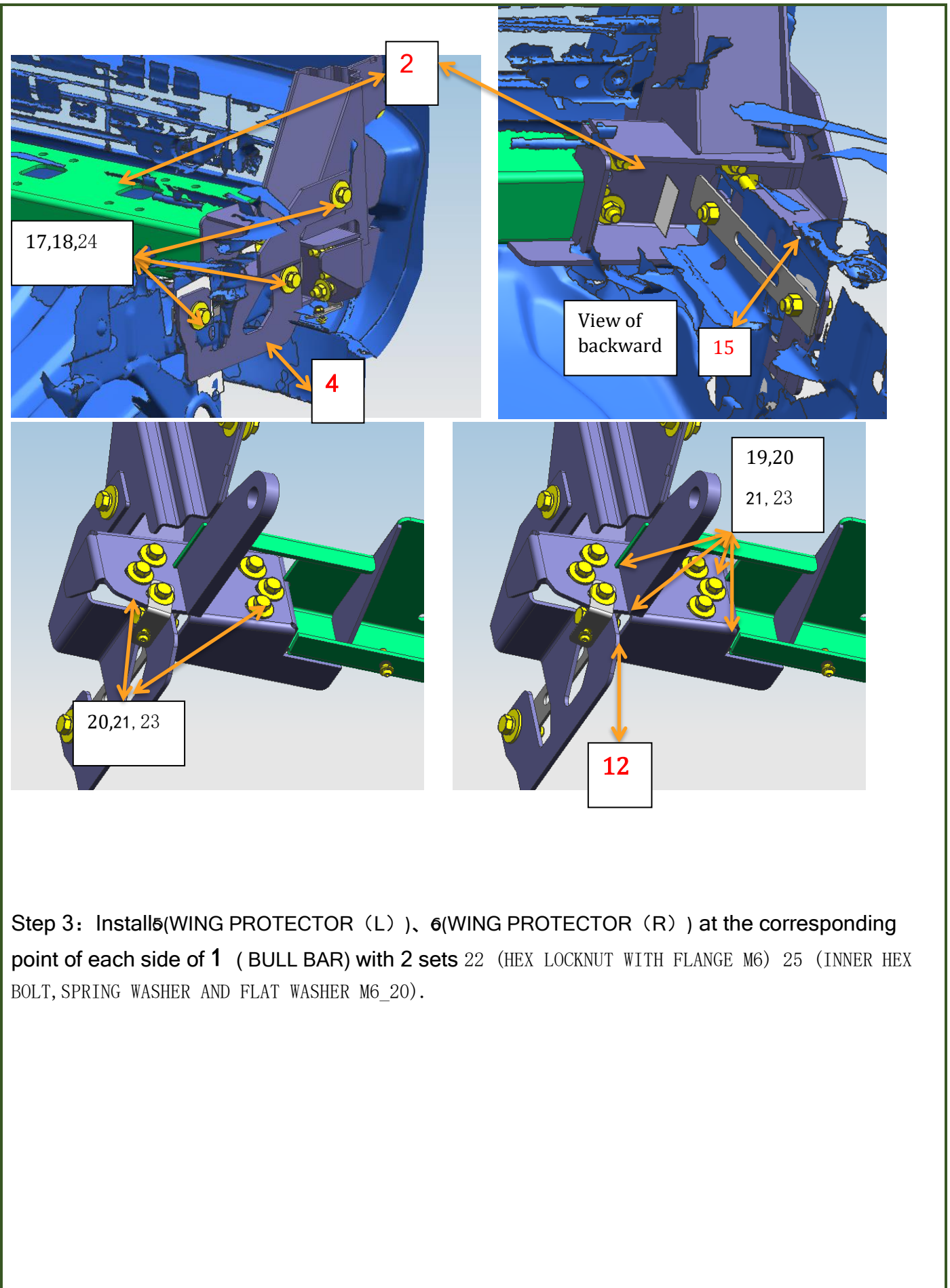
## INSTALLATION FIGURE



## FITTING INSTRUCTIONS

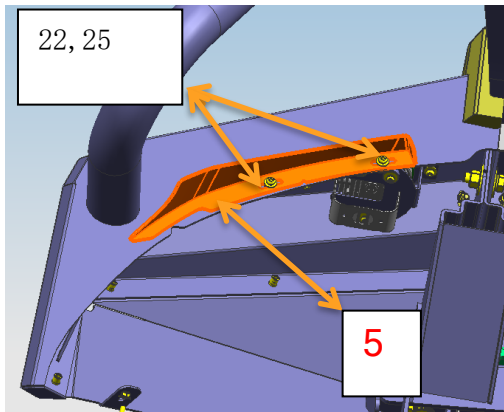
Step 1: Verify that you have all parts as listed in parts list.

Step 2: Connect the corresponding position of 2 (WINCH FRAME) and chassis with 3 (INSTALLATION BRACKET (L)) , 4 (INSTALLATION BRACKET (R)) , 11 (SKID PLATE CONNECTOR (L)) , 12 (SKID PLATE CONNECTOR (R)) and 15 (WINCH FRAME BRACKET) with 3 sets 17 (SPRING WASHER D12) 18 (LARGE WASHER D12 (12x37x3mm)) 24 (HEX BOLT(FULL THREAD) M12\_40) , 2 sets 20 (SPRING WASHER D10) 21 (LARGE WASHER D10(10x30x2.5mm)) 23 (HEX BOLT(FULL THREAD) M10\_40) , 4 sets 19 (HEX NUT M10) 20 (SPRING WASHER D10) 21 (LARGE WASHER D10(10x30x2.5mm)) 23 (HEX BOLT(FULL THREAD) M10\_40), same for both sides. Adjust the parts at the suitable position and fully tighten all the hardware.

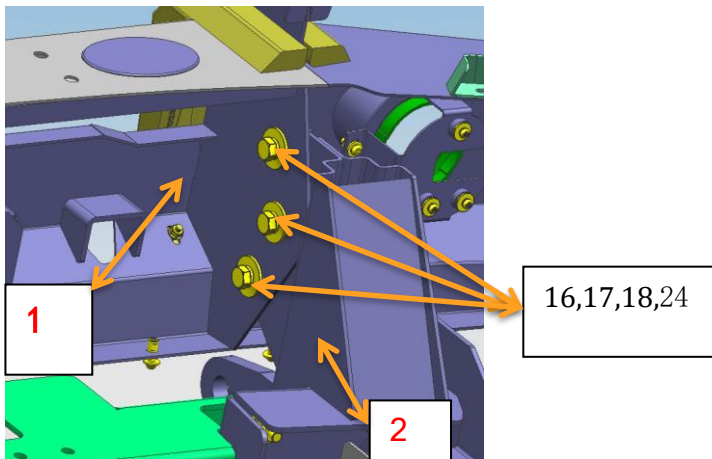


Step 3: Install 5(WING PROTECTOR (L) ), 6(WING PROTECTOR (R) ) at the corresponding point of each side of 1 ( BULL BAR) with 2 sets 22 (HEX LOCKNUT WITH FLANGE M6) 25 (INNER HEX BOLT, SPRING WASHER AND FLAT WASHER M6\_20).

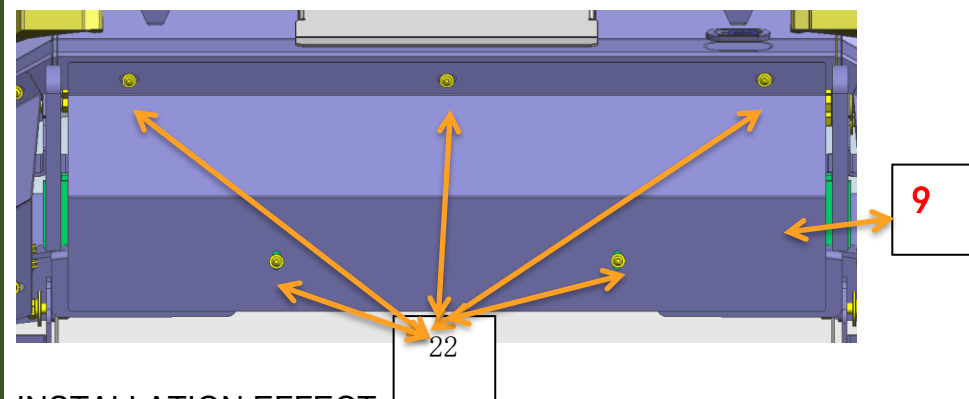
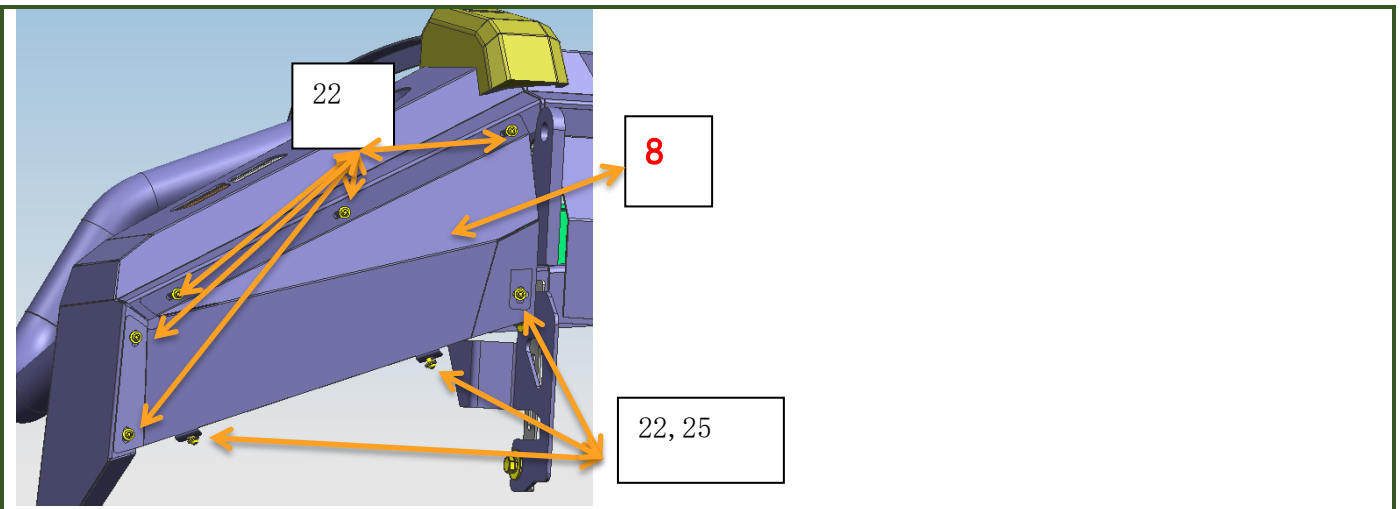




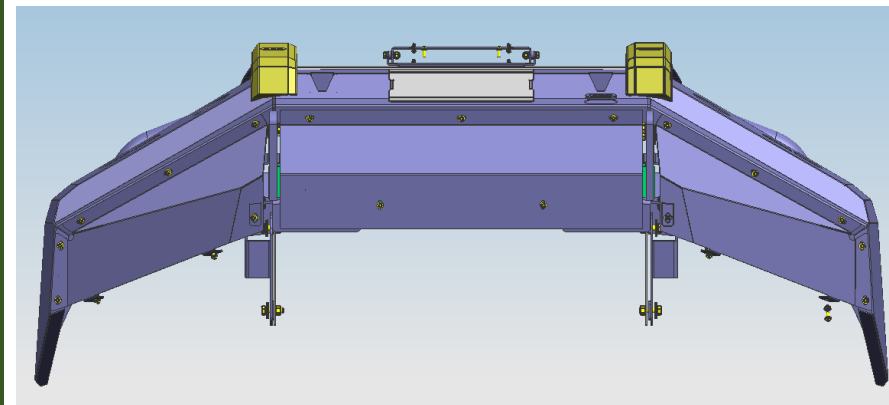
**Step 4: Connect 1 ( BULL BAR) to the installation points of 2 (WINCH FRAME) with 3 sets 16 (HEX NUT M12) 17 (SPRING WASHER D12) 18 (LARGE WASHER D12 (12x37x3mm) 24 (HEX BOLT (FULL THREAD) M12\_40) , same for both sides. Adjust the parts to the suitable position and fully tighten all hardware.**



**Step 5: Install 7 (SKID PLATE(L))to 1 (BULL BAR) with 3 sets 22 (HEX LOCKNUT WITH FLANGE M6) 25 (INNER HEX BOLT, SPRING WASHER AND FLAT WASHER M6\_20) and 5 sets 22 (HEX LOCKNUT WITH FLANGE M6) , same for 8 (SKID PLATE(R)). And install 9 (MID SKID PLATE)to 1 (BULL BAR) with 5 sets 22 (HEX LOCKNUT WITH FLANGE M6).**

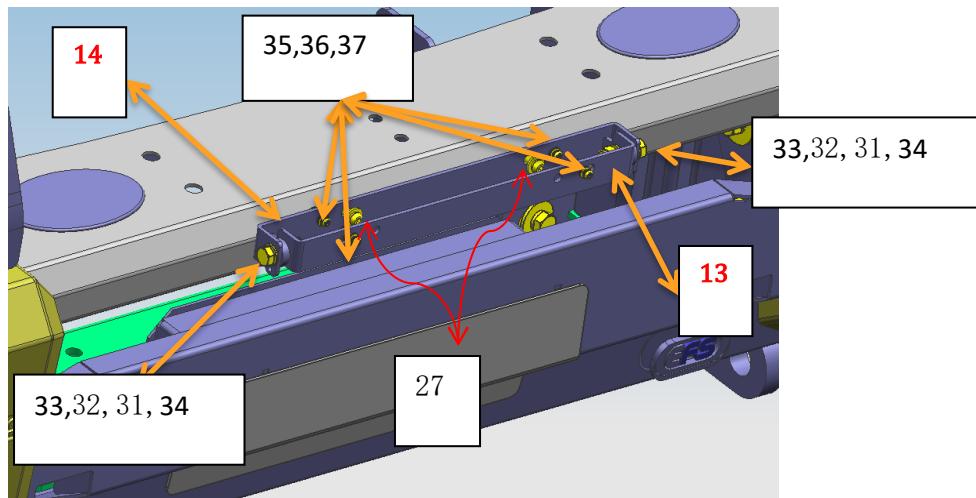


**INSTALLATION EFFECT**



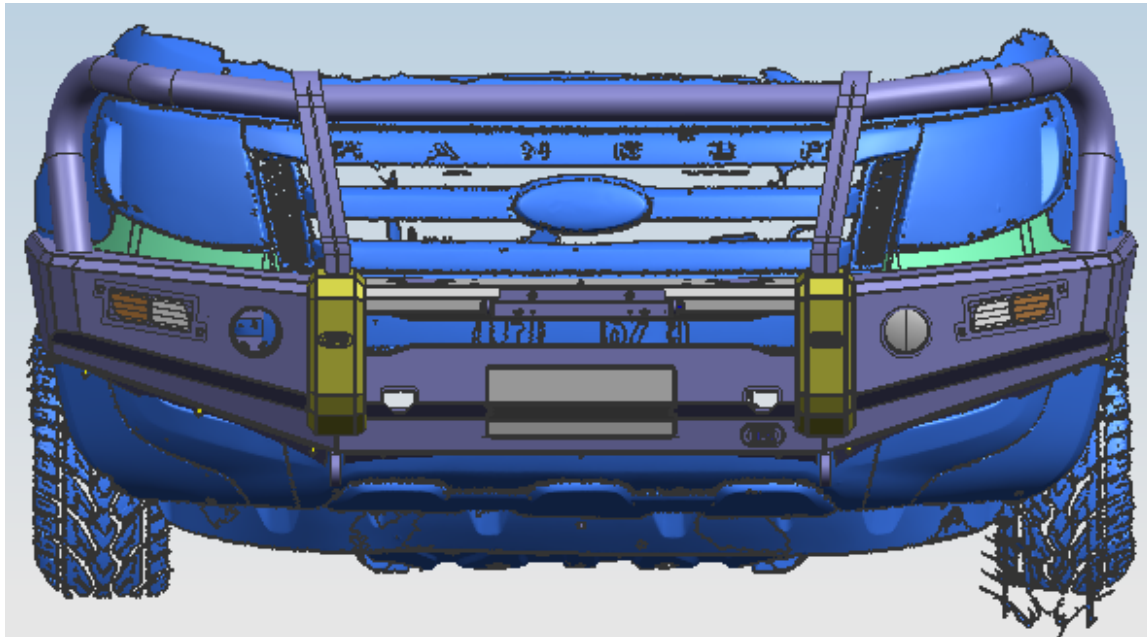
**Step 6:** As below figure shown, connect 13 (LICENCE BRACKET 1) and 14 (LICENCE BRACKET 2) with 2 sets 33 (FLAT WASHER D8 (8x16x1.6mm)) 32 (HEX LOCKNUT M8) 31 (NYLON WASHER (  $\phi$  20\*6mm ) ) 34 (HEX BOLT (FULL THREAD) M8\_30), and install to 1 (BULL BAR) with 4 sets 35 (CROSS CUPHEAD BOLT M4\_16) 36 (HEX NUT M4) 37 (FLAT WASHER D4 (4x8.65x0.8mm)), 27 (STICKY TAPE (2 METERS)).

: Please cut O.E bumper as per below, and refit to Grill support to vehicle.





## INSTALLATION EFFECT



Test and make sure all parts are securely fitted. Ensure all nuts & bolts are tightened.

This completes the installation of your EFS Bull Bar

### 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