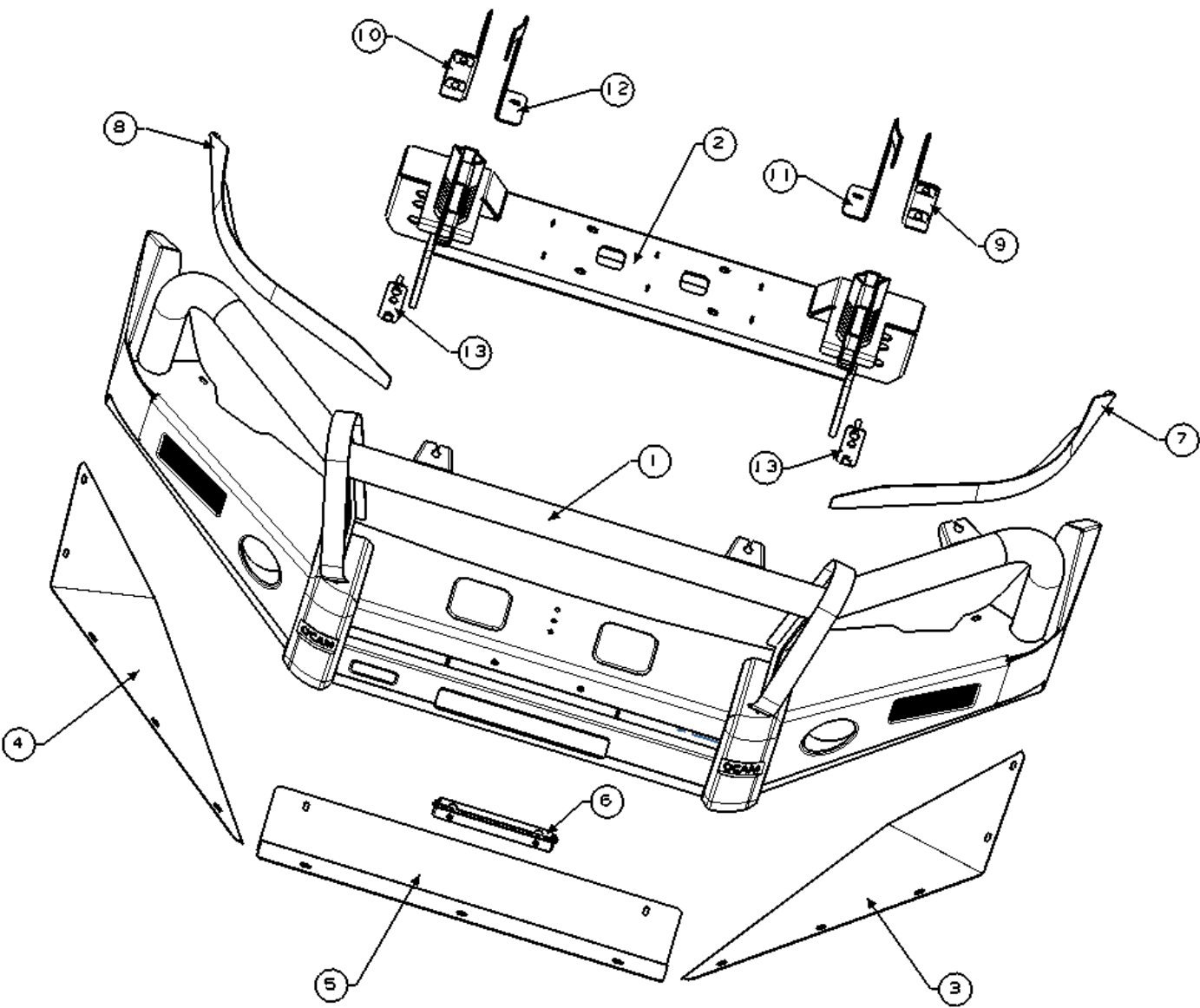


Fitting Instructions

Description:	OCAM Deluxe Bull Bar, Heavy Duty Steel, Winch Compatible, ADR Compliant
Model:	For Toyota Hilux N70 2011-15
Item NO.:	BB2-TV-12



Note:

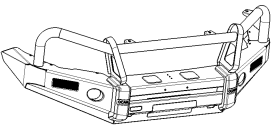
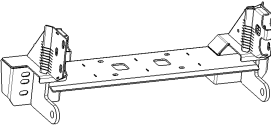
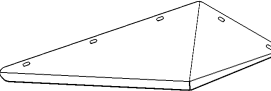
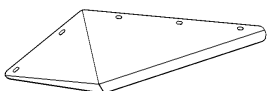
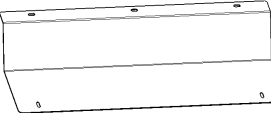
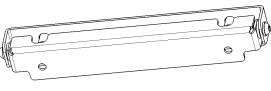
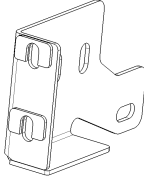
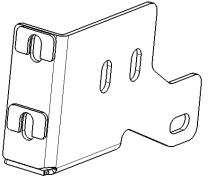
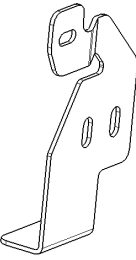
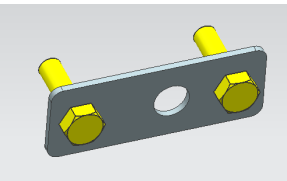
- 1) This bull bar is only suitable for the vehicle make/model/series stated in the Description above.
- 2) Do not remove the compliance label.
- 3) Do not change the structure of the bull bar.

Standard locking torque

M6 - 11Nm | M8 - 18Nm | M10 - 80 Nm | M12 - 90 Nm | M16 - 90 Nm

Fitting Instructions

Bom list

Item	Item NO.	Description	Qty	Item	Item NO.	Description	Qty
1	200308275	 Bull bar assemble	1	2	200308372	 Winch Frame	1
3	200308354	 Skid Plate (LH)	1	4	200308356	 Skid Plate (RH)	1
5	200308617	 Middle Skid Plate	1	6	E280008049	 Number Plate Hinge Bracket	1
7	200308358	 Eyebrow (LH)	1	8	200292536	 Eyebrow (RH)	1
9	200308802	 Chassis Mount Outside (LH)	1	10	200308361	 Chassis Mount Outside (RH)	1
11	200308364	 Chassis Mount Inside (LH)	1	12	200308366	 Chassis Mount Inside (RH)	1
13	200345670	 M10x35 bolt plate	2	14	200120188	 Pinch Weld (2000mm)	1

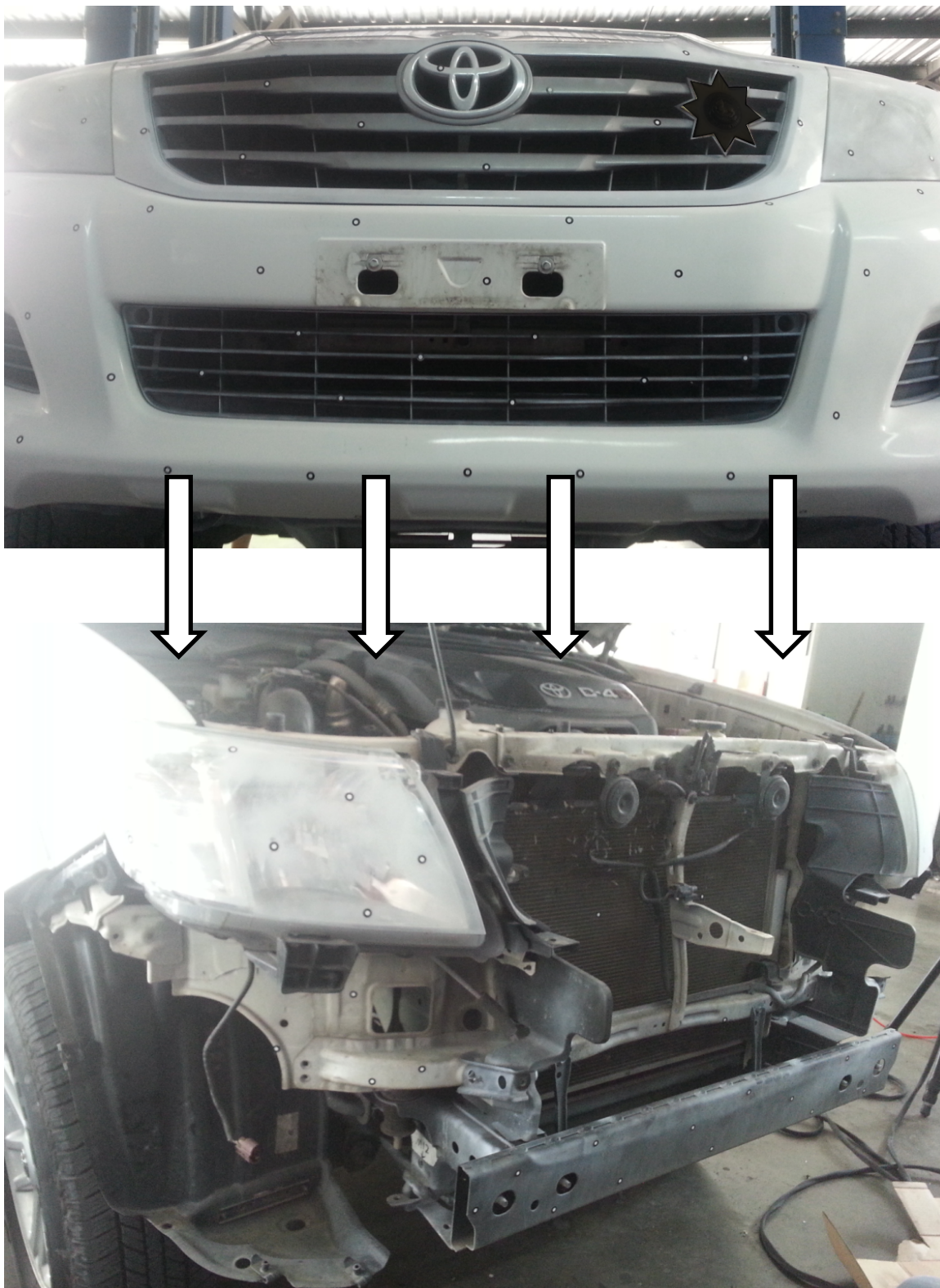
Fitting Instructions

Hardware kit			
Item	Item NO.	Description	Qty
15	3000062	Allen wrench S=4	1
16	3000160	D10 standard spring washer	4
17	3000171	D12 standard spring washer	12
18	3000245	D10(10x30x2.5mm) flat washer	6
19	3000252	D12(12x37x3mm) flat washer	10
20	3001491	M10 hex nut – type 1	4
21	3001505	M12 hex nut – type 1	10
22	3001569	M6 hexagon flange nuts	8
23	3002702	M10_30 hex bolt (full thread)	2
24	3002826	M12_40 hex bolt (full thread)	6
25	3002886	M12_100 hex bolt (full thread)	4
26	3003078	M12x1.25_30 hex bolt (full thread, with fine thread)	2
27	3004966	D12_32_3 flat washer	12
28	3006351	Kits for M6 bolts & washers(black zinc plated). It includes hexagon socket button head screws, spring washer, flat washer(OD18mm),M6_20/A2-70/ bolt	23

Fitting Instructions

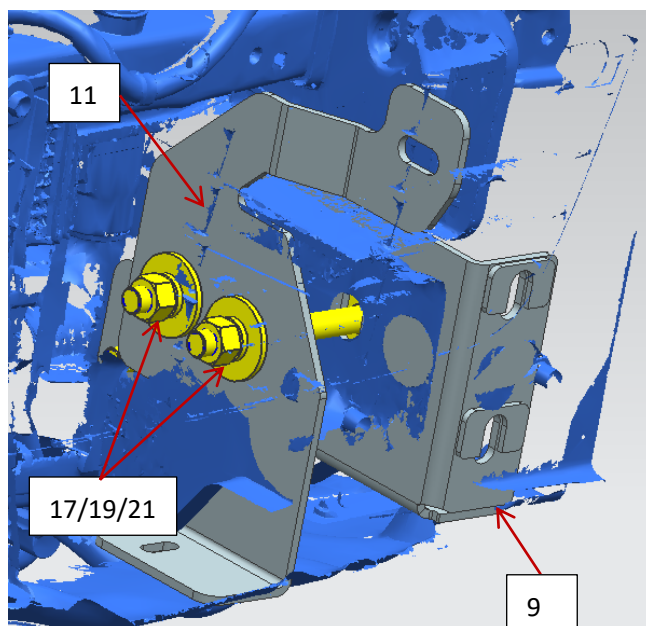
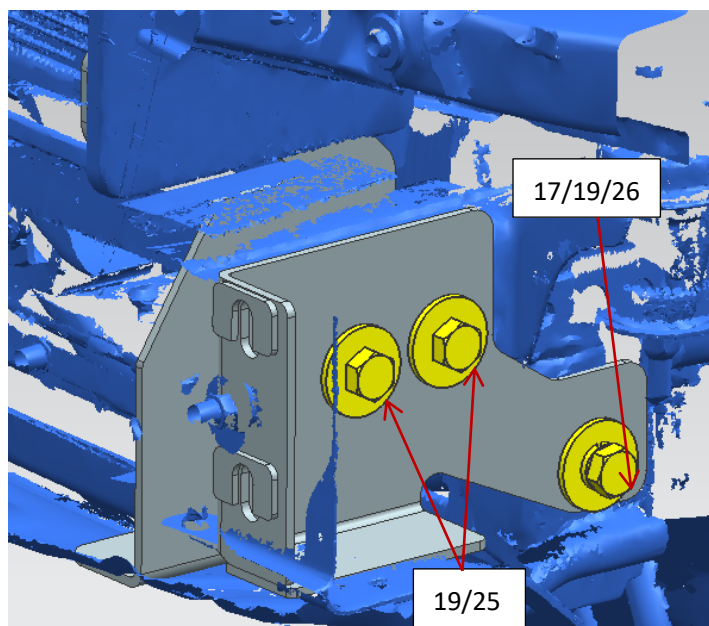
1. Installation Steps:

Remove the front surround parts, includes the plastic kits inside the surround, and impact beam. See below images



Fitting Instructions

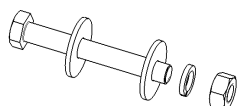
2. Install mounting parts(includes LHS & RHS), see following images. 9/10/11/12 means part number of parts, bolts, washers.



Use below bolt kits:

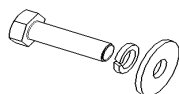
1. item 17/19/21/25: :

M12_100 hex bolt (full thread) + M12spring washer + M12 washer+ Hex nut M12



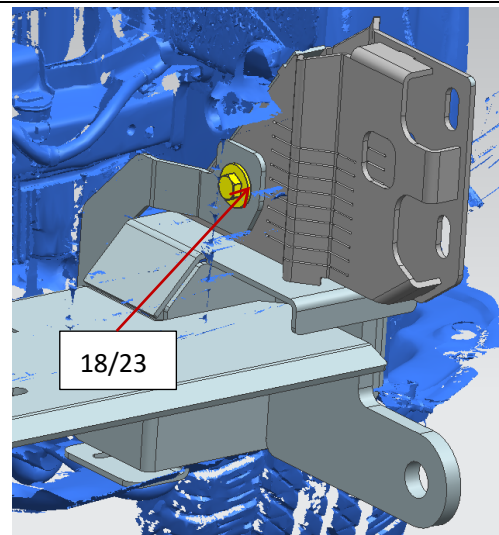
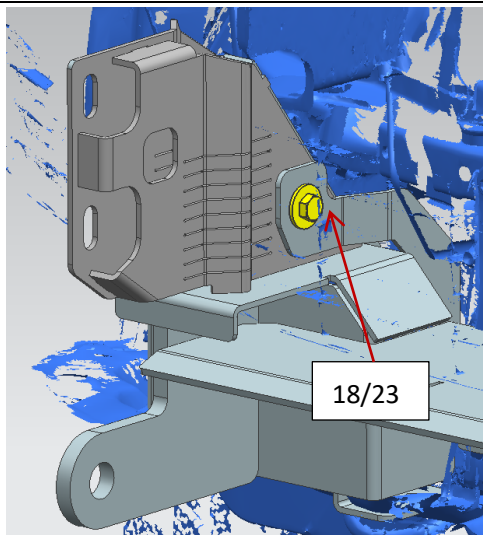
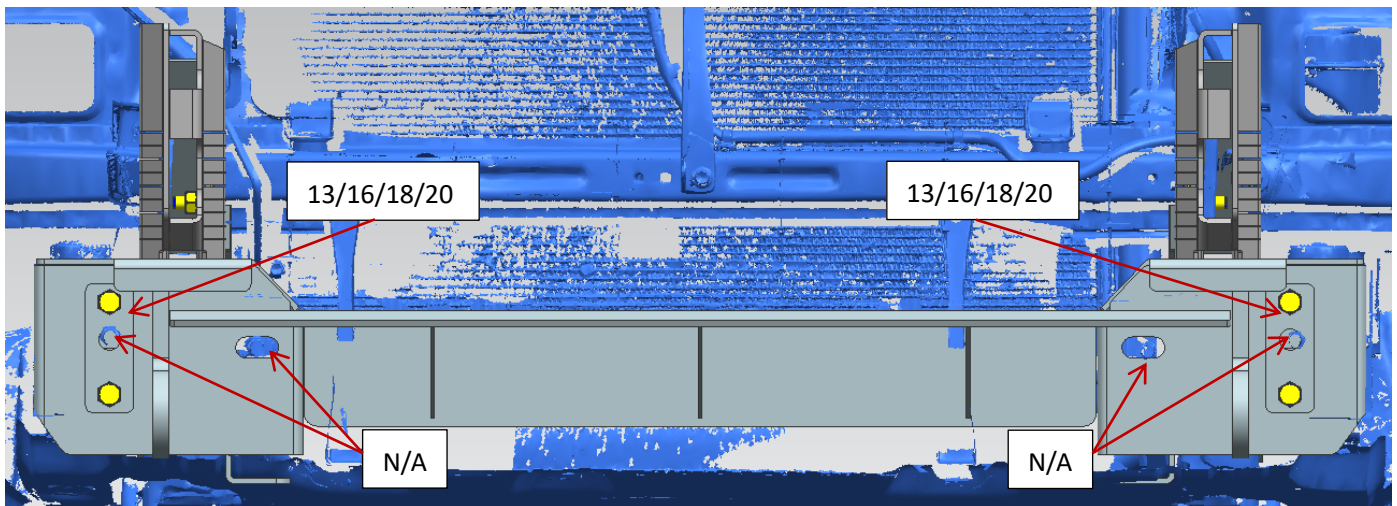
2. item 17/19/26:

M12x1.25_30 hex bolt (full thread, with fine thread) + M12 spring washer + M12 washer



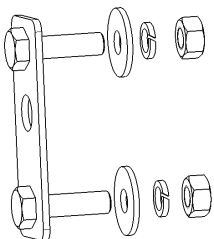
3. Install winch frame

Fitting Instructions



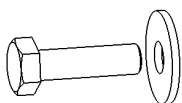
1.item 13/16/18/20:

M10x35 bolt plate +D10 standard spring washer+ D10 flat washer(10x30x2.5mm)+ M10 hex nut–type 1



2.item 18/23

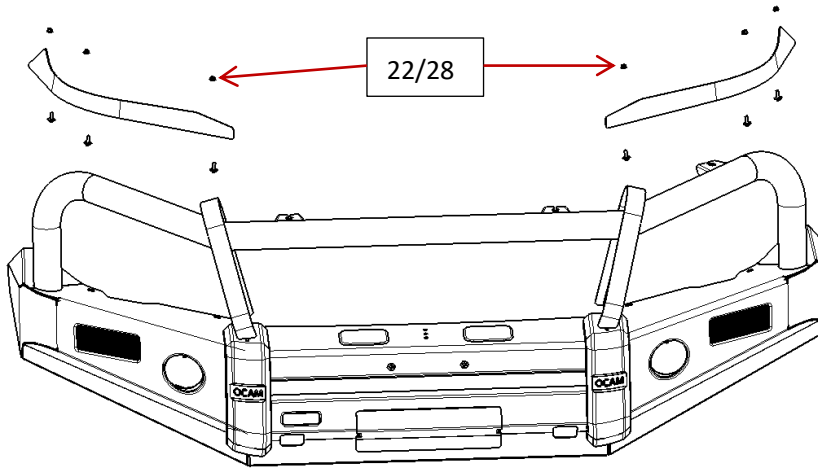
M10_30 hex bolt (full thread)+ D10 flat washer(10x30x2.5mm)



2.item n/a use the original bolts & nuts on vehicle to install winch frame.

Fitting Instructions

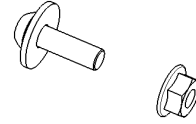
4. install item 7 & 8



Use below bolt kits:

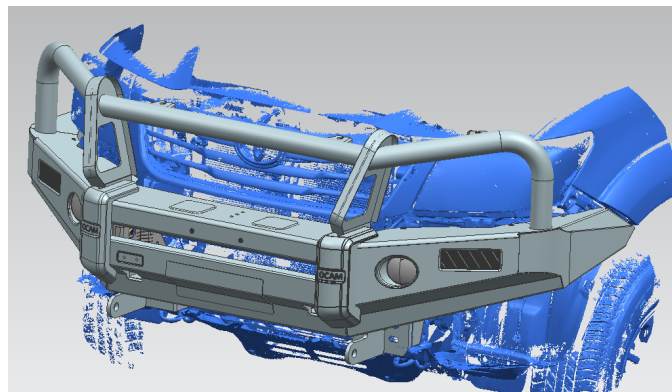
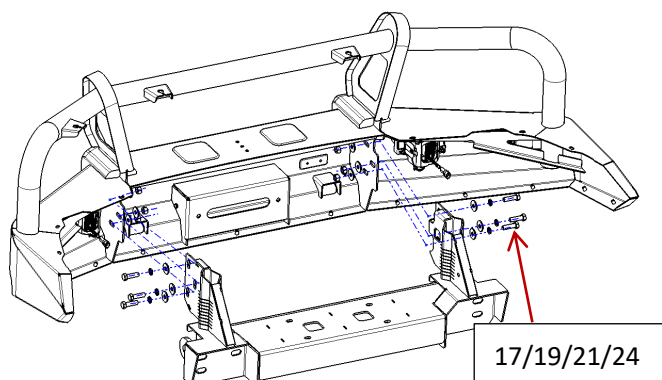
1. item 22/28:

Package set M6x20 Doom head bolt x Spring washer x Flat washer + M6 flange nut



Fitting Instructions

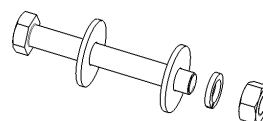
5. install item 1



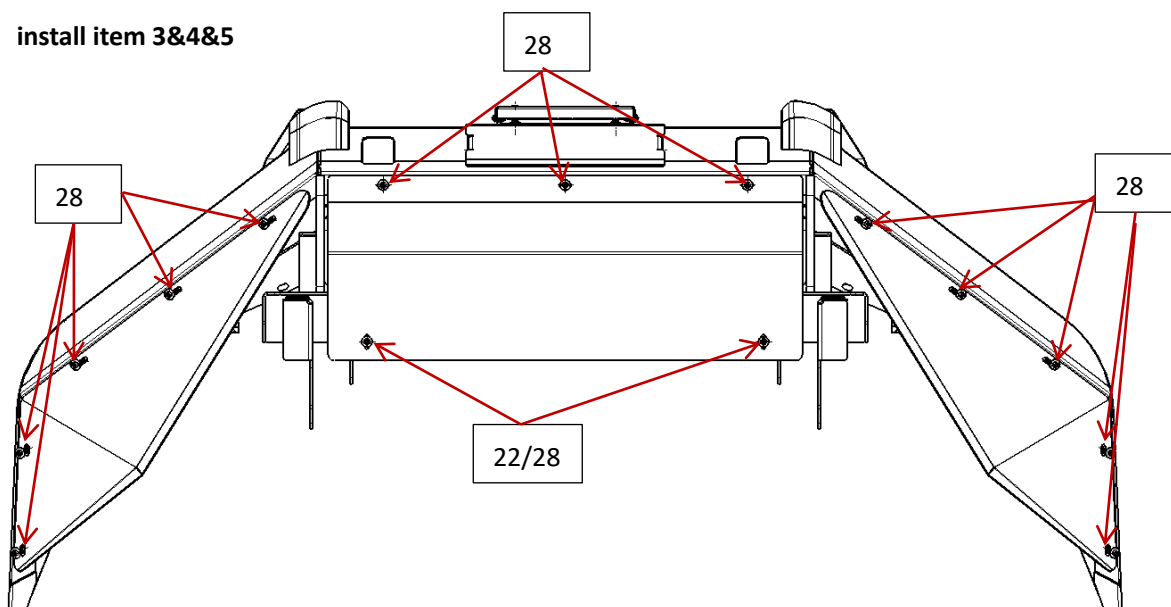
Use below bolt kits

1. item 17/19/21/24

Hex head bolt M12x40 + M12 spring washer + M12 flat washer + M12 Hex nut



6. install item 3&4&5



Use below bolt kits:

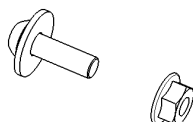
1. Item 28:

Package set M6x20 Doom head bolt x Spring washer x Flat washer



2. item 22/28:

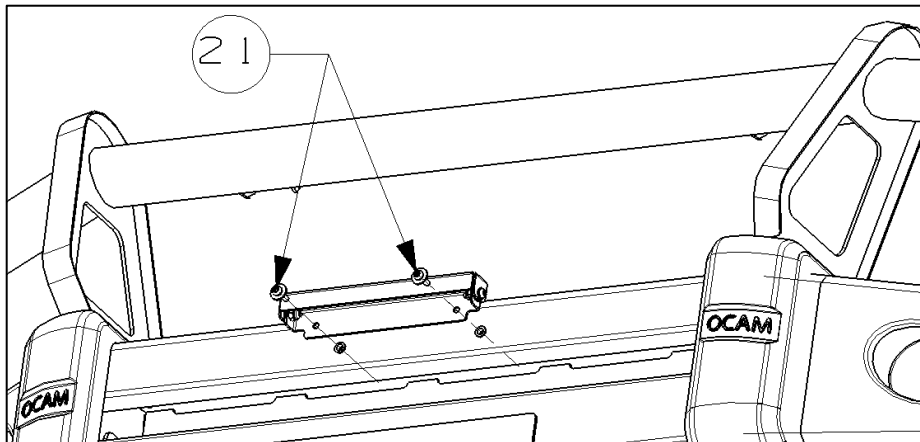
Package set M6x20 Doom head bolt x Spring washer x Flat washer + M6 flange nut



Fitting Instructions

7. install item 6:

Using Package set M6x20 Doom head bolt x Spring washer x Flat washer



8. Item 13 the L brace is for fastening the grill with original fasteners

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

10. Installation is finished, pick up all tools.
