

ROCKARMOR

Fitting Instructions

Description:	Ford Everest UA1 &UA2 06/2015-08/2022
Model:	Ford Everest UA1 &UA2
SKU:	BBRA-RANGGT & BBRA-RANGGTNH



Fitting Instructions

These Fitting instructions are the same for the No Hoops version of the GT Bullbar as per photos below. SKU: BBRA-RANGGTNH



Important Notice:

Before commencing the installation, please ensure you have carefully read and understood all instructions. Rockarmor products are engineered to the highest standards, using premium materials and finishes. This includes sandblasting all raw materials, e-coating to eliminate impurities, and applying a Tiger coat for enhanced durability. Should the product become damaged or scratched during off-road or on-road use, the affected surface must be repaired promptly to maintain longevity. Installation should be carried out by a qualified technician, and it is essential to follow the steps precisely to ensure a secure and proper fit.

Note: Please Read Before Attempting Installation

- This product and its fixings must not be modified in any way unless specified in these fitting instructions.
- Do not remove any labels from the product.
- This product is intended solely for use on the specified vehicle model as outlined in these instructions.
- It is the installer's responsibility to ensure the product is correctly installed, allowing for adequate tolerance between the chassis and body, and ensuring clearances for all components.
- Use Loctite on all nuts and bolts during installation.
- The installation of this product may require specialized tools and should be conducted by an experienced fitter.

For more information about this product, please visit www.rockarmor.com.au.

Liability Waiver:

By proceeding with the installation, you acknowledge that the installer is responsible for following these instructions accurately. Rockarmor Pty Ltd will not be held liable for any damages, injuries, or vehicle malfunctions arising from improper installation or failure to adhere to the provided guidelines. Any modifications or deviations from the instructed process will void any warranties and transfer all risks and liabilities to the installer and/or vehicle owner.

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Supplies
Metric Socket Set 10-18MM.	Impact Drill & Bit Set	Loctite
Socket Extension Bar	Electric/Air Impact Driver (Optional)	Cable Ties
Metric Spanner Set 10-18MM.		Masking Tape
Torque Drivers T25-T30		Satin Black Automotive Paint
Trim Removal Tool		Scotch Brite or Fine sandpaper
Screwdriver Set (Flat and Phillips head)		
Utility Knife		
Side Cutters		
Pliers		
Standard locking torque M6 - 11Nm M8 - 18Nm M10 - 80 Nm M12 - 90 Nm M16 - 90 Nm		

Occupational Health and Safety (OHS) Guidelines for the Workshop

Hearing Protection

All personnel must wear appropriate hearing protection in high-noise areas or when operating loud machinery to prevent hearing damage.



Eye Protection

Approved safety glasses or goggles must be worn at all times to shield the eyes from debris, chemicals, and other hazardous materials.



Safe Manual Handling Procedures

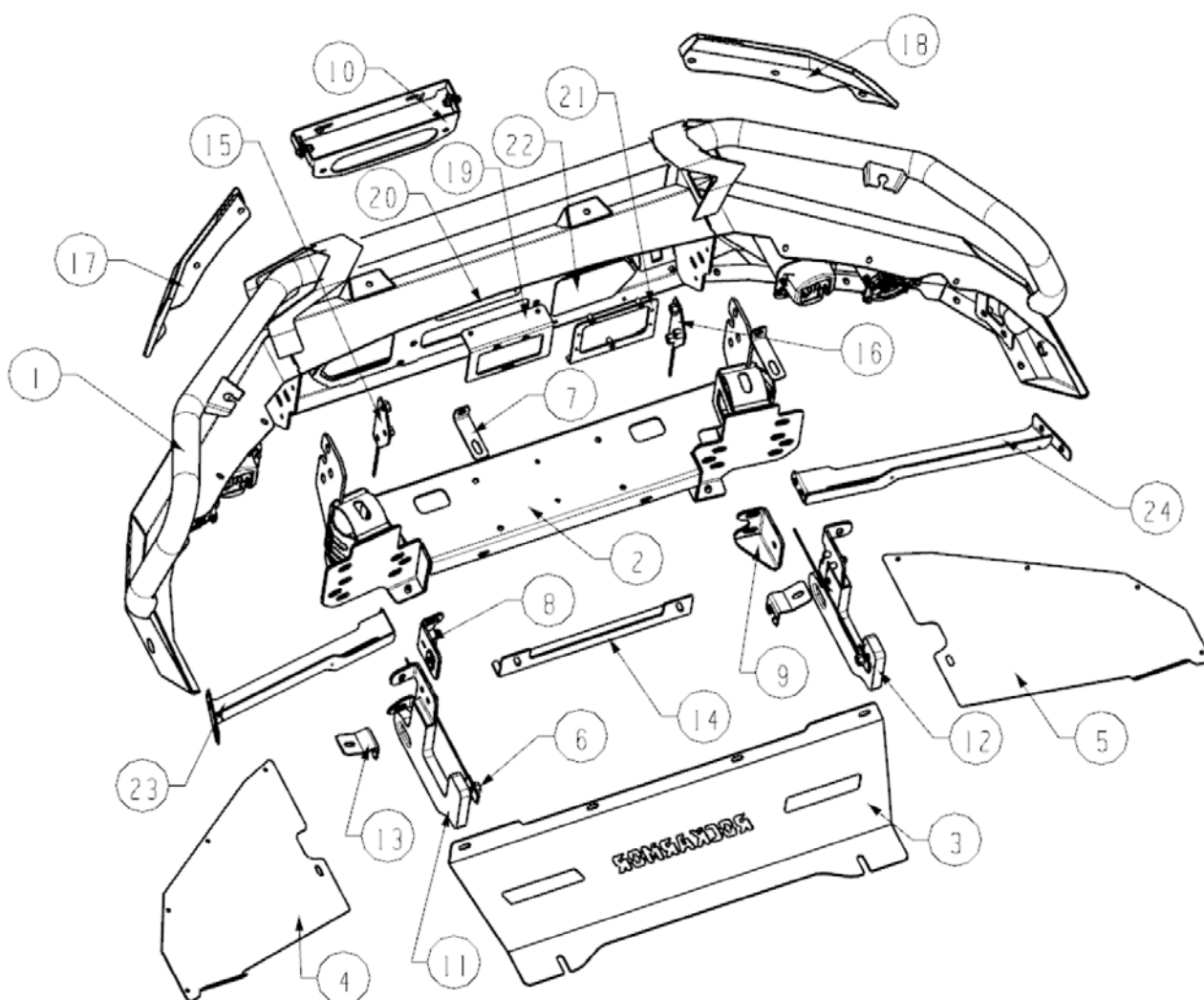
Use correct lifting techniques to avoid strains and injuries. Where possible, utilize mechanical aids and never exceed personal lifting capacity.



Hazard Awareness and Prevention

Remain vigilant of potential hazards within the workshop. Adhere to all posted warning signs and follow established safety protocols to mitigate risks.



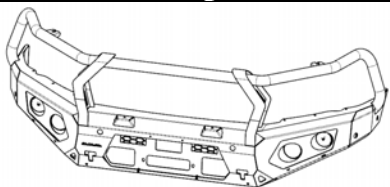
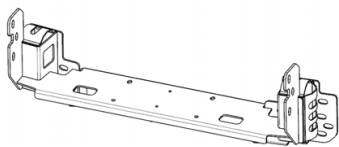
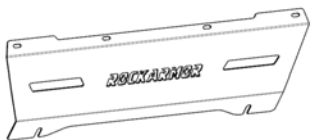
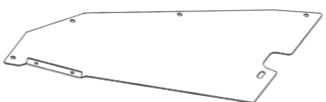
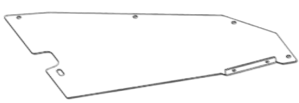
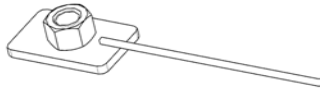
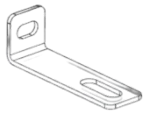
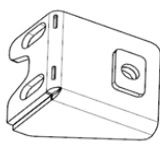
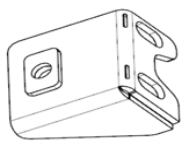
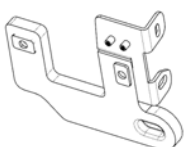
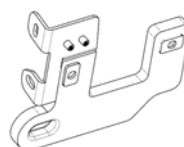
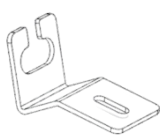
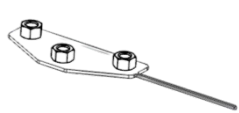
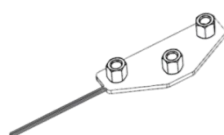

Please Note:

- 1) This bull bar cannot be installed onto other vehicles, in addition to the manufacturer special instructions
- 2) Do not remove label on the bar.
- 3) Do not change the structure of bull bar.

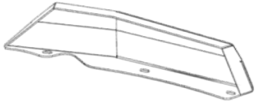
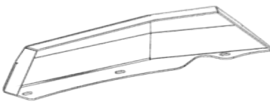
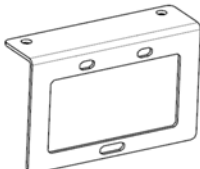
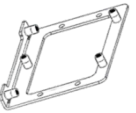
Standard locking torque

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

Items List

Item	Description	Qty	Item	Description	Qty
1	 Bull bar assemble	1	2	 Winch Frame	1
3	 Middle bash plate	1	4	 Bash plate(LH)	1
5	 Bash plate(RH)	1	6	 M12 Nut Plate	2
7	 Grill Holder	1	8	 Inside Bracket (LH)	2
9	 Inside Bracket (RH)	1	10	 Licence Plate Holder	1
11	 Recovery points(LH)	1	12	 Recovery points(RH)	1
13	 Bash Plate Holder	2	14	 OE bash plate support	1
15	 Nut plate (LH)	1	16	 Nut plate (RH)	1

Fitting Instructions

17	 Small Wing (LH)	1	18	 Small Wing (RH)	11
19	 ACC Bracket (2019)	1	20	 ACC plastic cover(2019)	1
21	 ACC Bracket (2015)	1	22	 ACC plastic cover (2015)	1
23	 Wing holder(LH)	1	24	 Wing holder(RH)	1
N/A	 Pinch mould (500mm)	1			

Item	Description	Qty
23	Hexagonal head bolt M6x20	38
24	Hexagonal head bolt M8x35	16
25	Hexagonal head bolt M10x1.25x35	22
26	Hexagonal head bolt M12x1.25x120	2
27	Hexagonal head bolt M12x1.25x40	6
28	Hexagonal head bolt M12x1.25x60	2
29	Hexagonal head Nut M8x1.25	2
30	Hexagonal head Nut M12x1.25	2
31	Flange Nut M10x1.25	12

Fitting Instructions

32	hexagon socket screwM6x16	5
33	Nylon Nut M10x1.25	6
34	D10x30_2 Washer	30
35	D12x37_3 Washer	12
36	D6x18_2 Washer	43
37	D8x24_2 Washer	18
38	D10x20_2 Washer	8
39	Spring Washer D10	18
40	Spring Washer D12	10
41	Spring Washer D6	43
42	Spring Washer D8	16
43	Flange Nut M6	22

Video Instructions Available

For a comprehensive guide on fitting the GT Bullbar, we highly recommend referring to our detailed video tutorial on YouTube: [Rockarmor Bullbar Installation Video](https://www.youtube.com/watch?v=xsfcZ_0w_hc). Or Direct URL: https://www.youtube.com/watch?v=xsfcZ_0w_hc

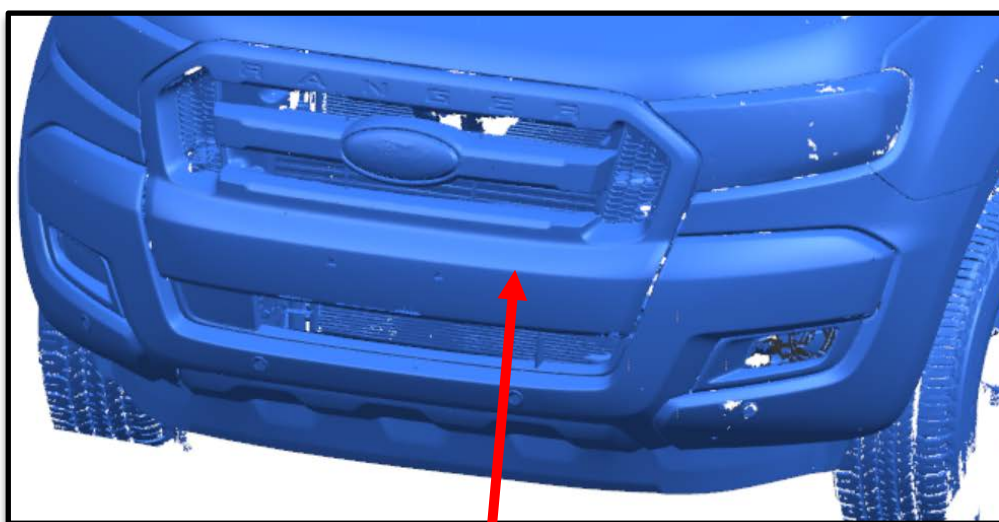
This video, created by a qualified fitter and auto electrician, provides clear, step-by-step visual instructions that are easier to follow than written instructions alone.

Wherever additional clarity is needed throughout these fitting instructions, please refer to the video for more details and demonstrations of specific steps.

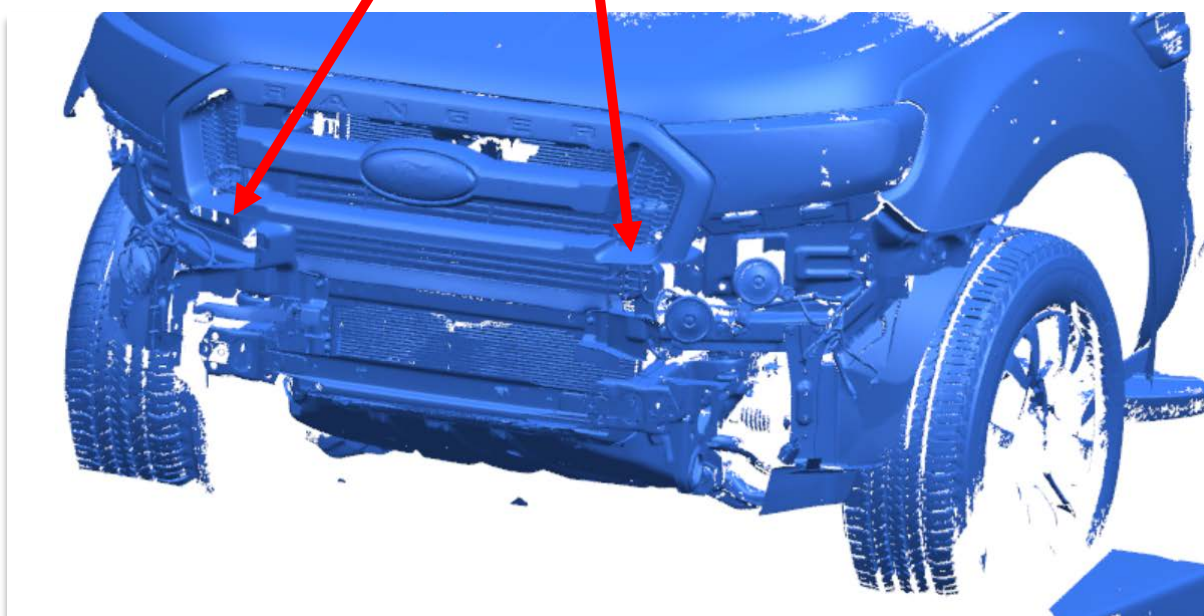


Installation Steps: Removing the Front Bumper

- Description: For PXII models, cut the centre grill as instructed. For PXIII models, remove the front bumper. This step prepares the chassis for the bullbar mounting.
- Note: Ensure clean cuts and avoid damaging surrounding components.



Remove front bumper and trim the center grill



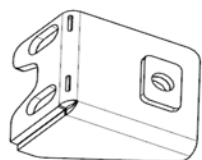
Fitting Instructions

Chassis Mount Recovery Point & Bash Plate Mount (LHS) Outer Side:

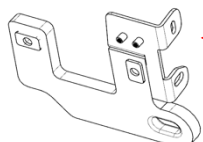
You will require the following Bracket Items for this section:

Item: 8,11,13 (LHS – Left Hand Side Mounting)

Brackets Needed for this section



Item 8: Inside Bracket (LHS)



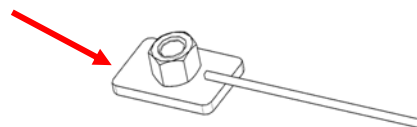
Item 11: Recovery Point (LHS)



Item 13: Bash Plate Holder

Bolt Kit

Item 6: M12 Nut Plate



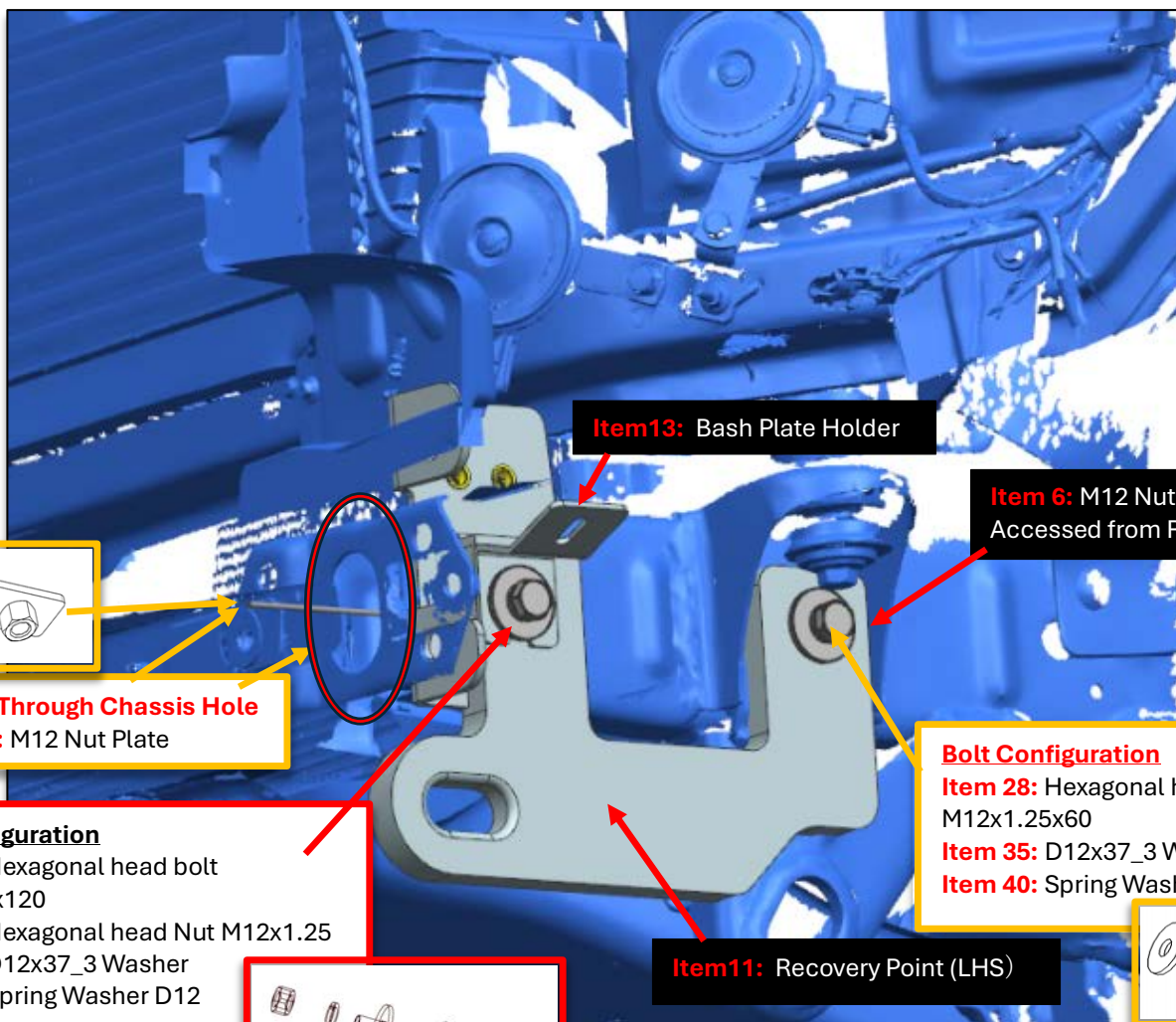
Item 26: Hexagonal head bolt M12x1.25x120

Item 28: Hexagonal head bolt M12x1.25x60

Item 30: Hexagonal head Nut M12x1.25

Item 35: D12x37_3 Washer

Item 40: Spring Washer D12



Item 13: Bash Plate Holder

Item 6: M12 Nut Plate
Accessed from Rear

Insert Through Chassis Hole
Item 6: M12 Nut Plate

Bolt Configuration

Item 26: Hexagonal head bolt
M12x1.25x120

Item 30: Hexagonal head Nut M12x1.25

Item 35: D12x37_3 Washer

Item 40: Spring Washer D12

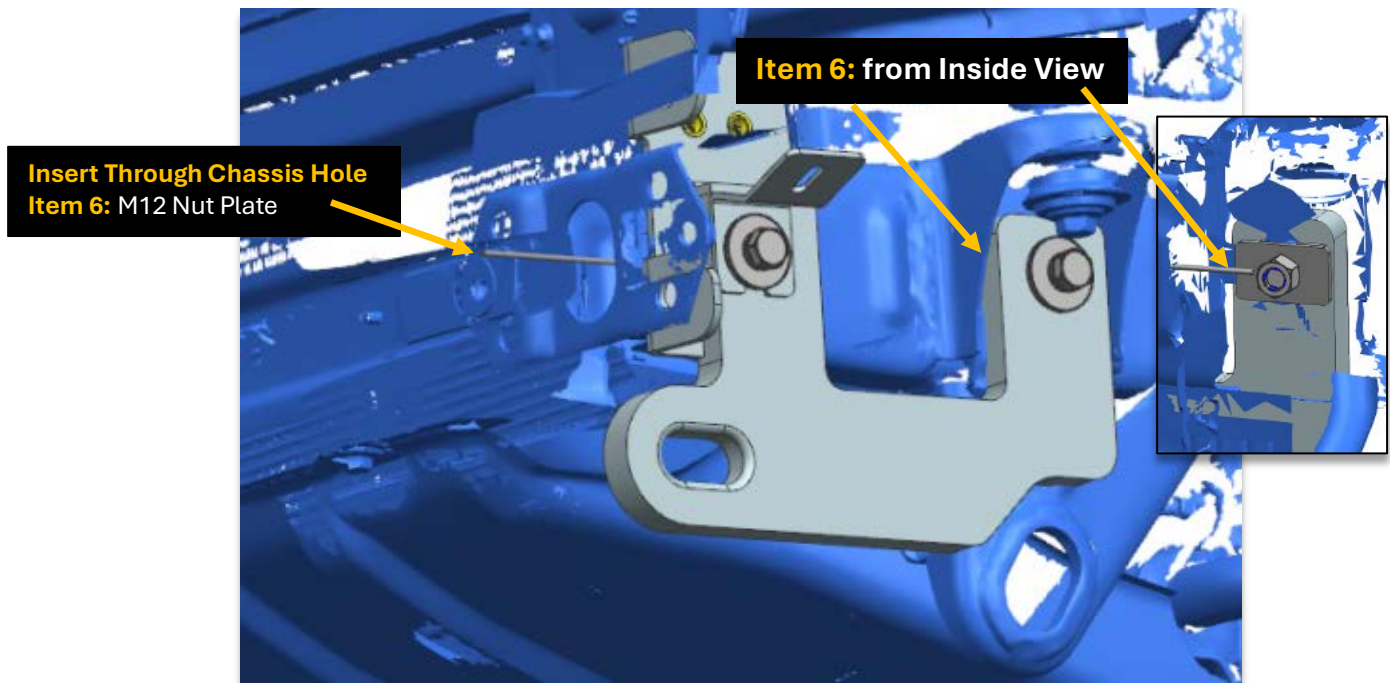
Bolt Configuration

Item 28: Hexagonal head bolt
M12x1.25x60

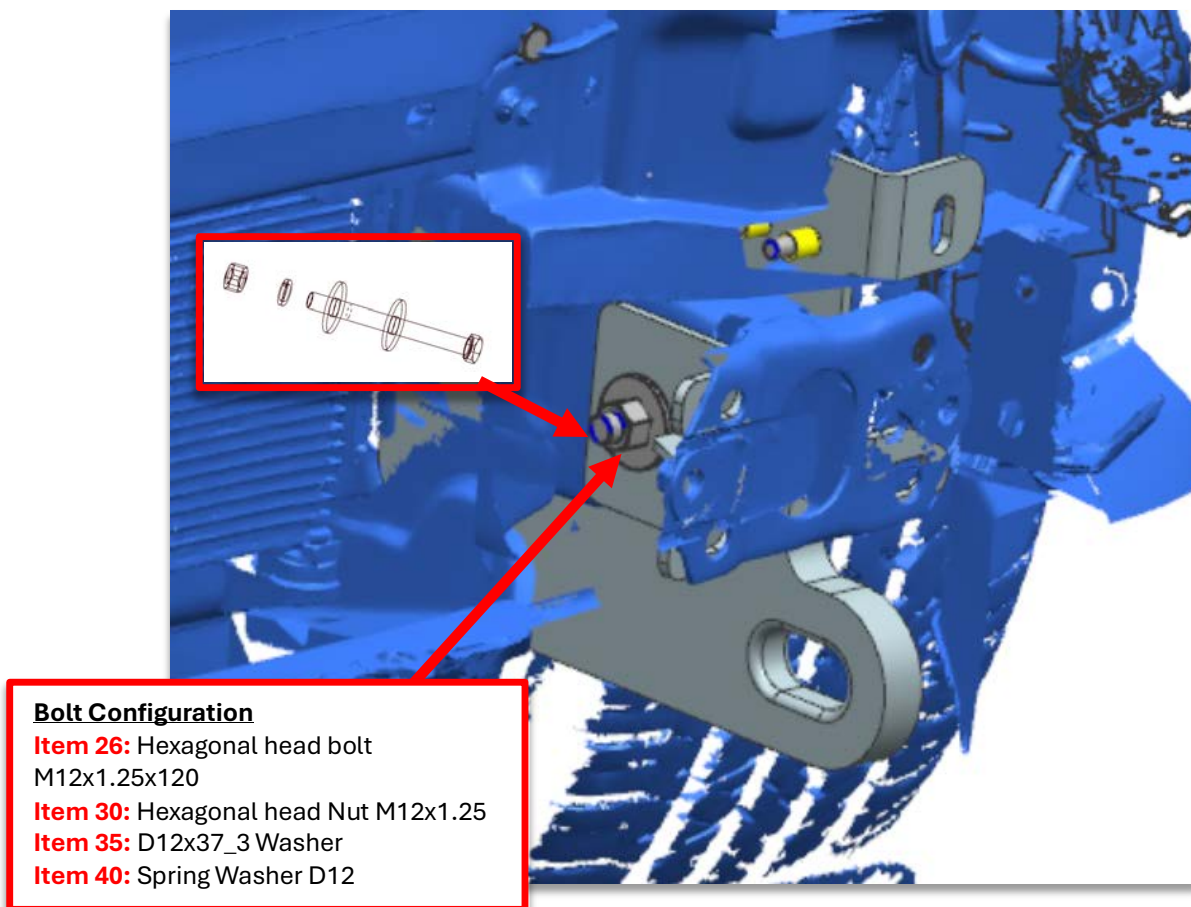
Item 35: D12x37_3 Washer

Item 40: Spring Washer D12

Item 11: Recovery Point (LHS)



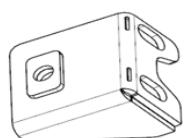
Chassis Mount Recovery Point & Bash Plate Mount (LHS) Inner Side View:



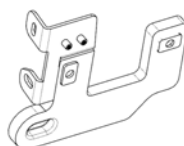
Replicate the Above for the Right-hand side (RHS) - Chassis Mount Recovery Point & Bash Plate Mounts.

You will require the following Bracket Items for this section:

Item: 9,12,13 (RHS – Right Hand Side Mounting)



Item 9: Inside Bracket (RHS)



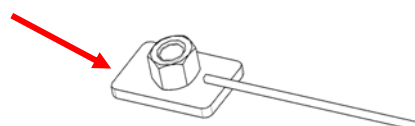
Item 12: Recovery Point (RHS)



Item 13: Bash Plate Holder

Bolt Kit

Item 6: M12 Nut Plate



Item 26: Hexagonal head bolt M12x1.25x120

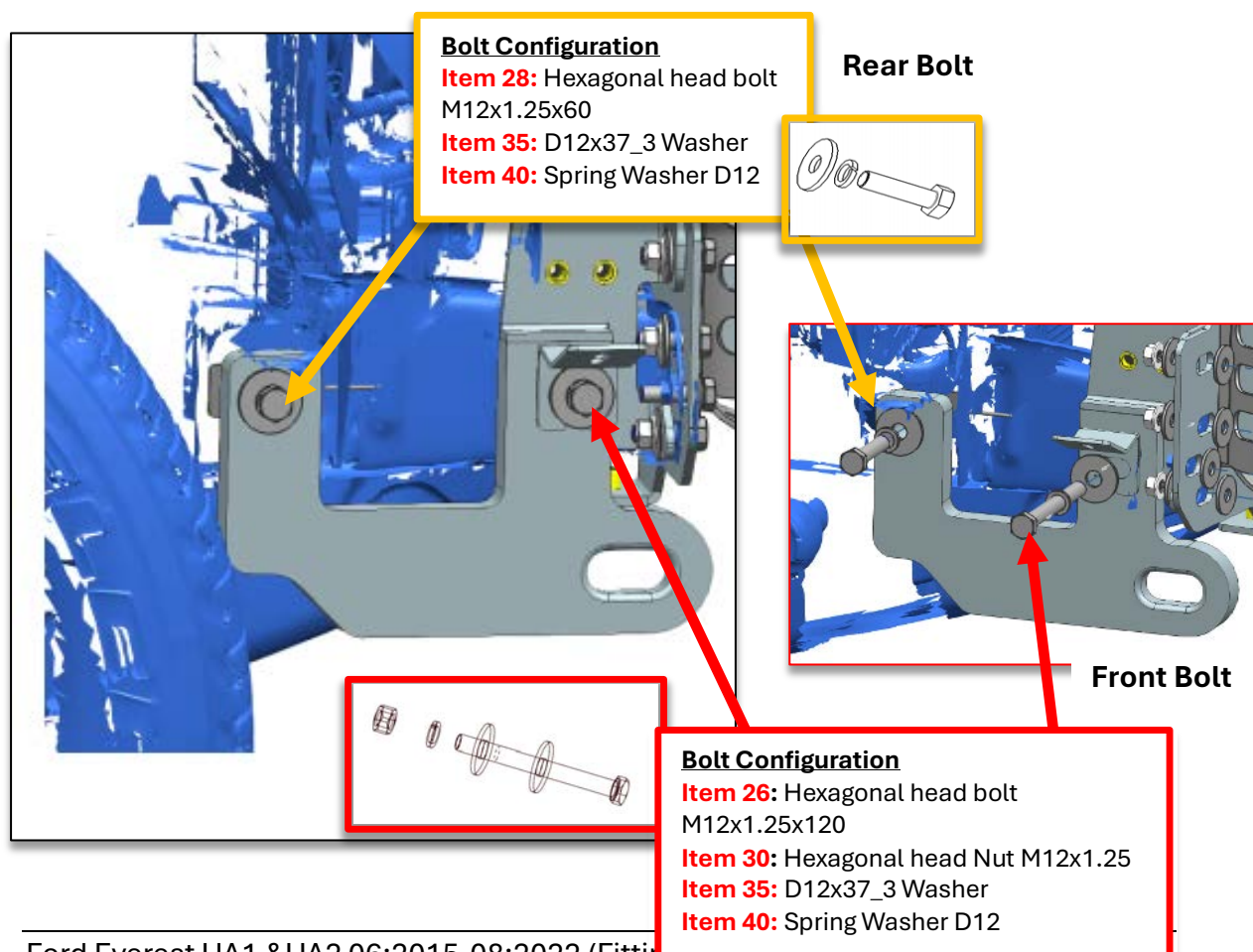
Item 28: Hexagonal head bolt M12x1.25x60

Item 30: Hexagonal head Nut M12x1.25

Item 35: D12x37_3 Washer

Item 40: Spring Washer D12

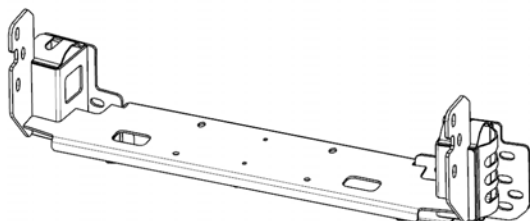
Right Hand Side view of completed Chassis Mount Recovery Point and Bash Plate mount



Mounting the Winch Frame to the Chassis

You will require the following Bracket Items for this section:

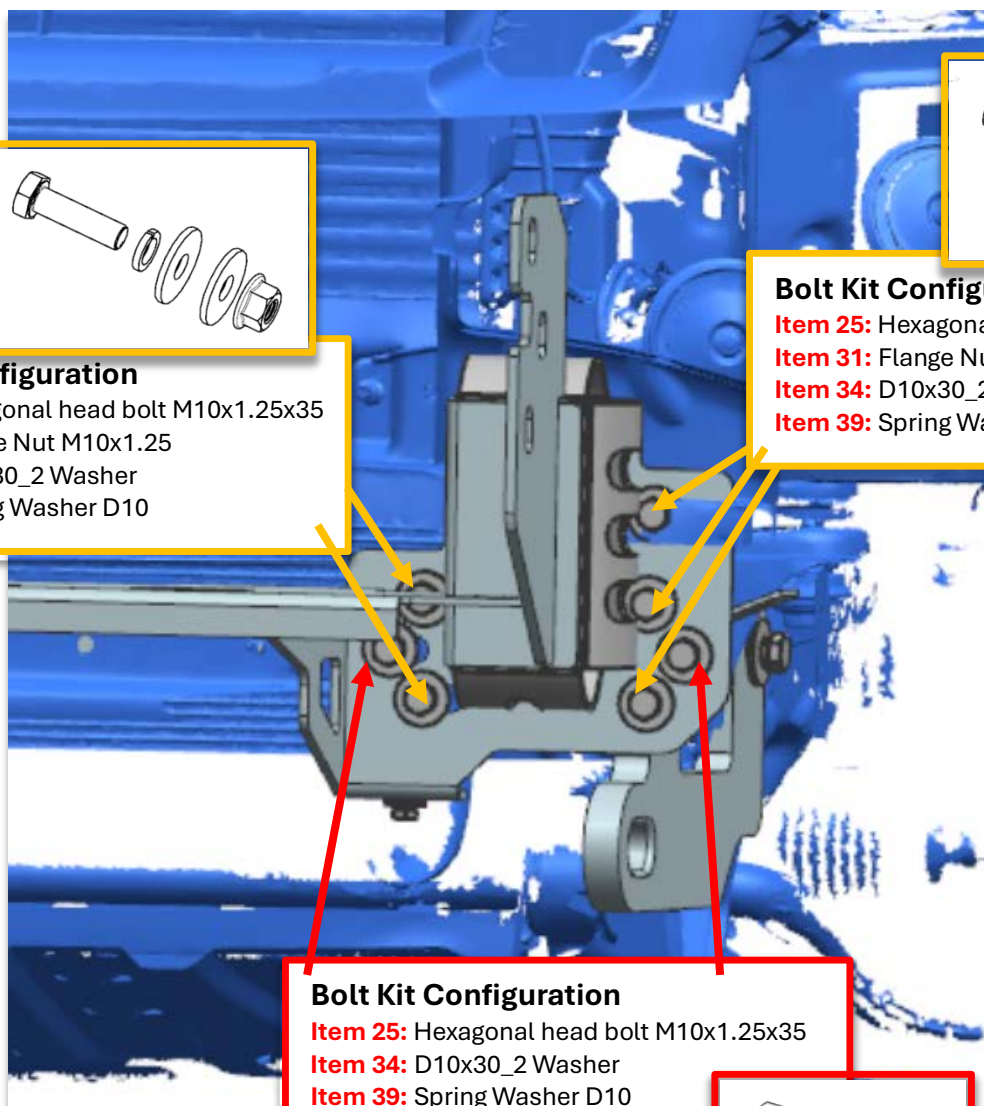
Item 2: Winch Frame



Bolt Kit

- Item 25:** Hexagonal head bolt M10x1.25x35
- Item 31:** Flange Nut M10x1.25
- Item 34:** D10x30_2 Washer
- Item 39:** Spring Washer D10

Frontal View



Bolt Kit Configuration

- Item 25:** Hexagonal head bolt M10x1.25x35
- Item 31:** Flange Nut M10x1.25
- Item 34:** D10x30_2 Washer
- Item 39:** Spring Washer D10

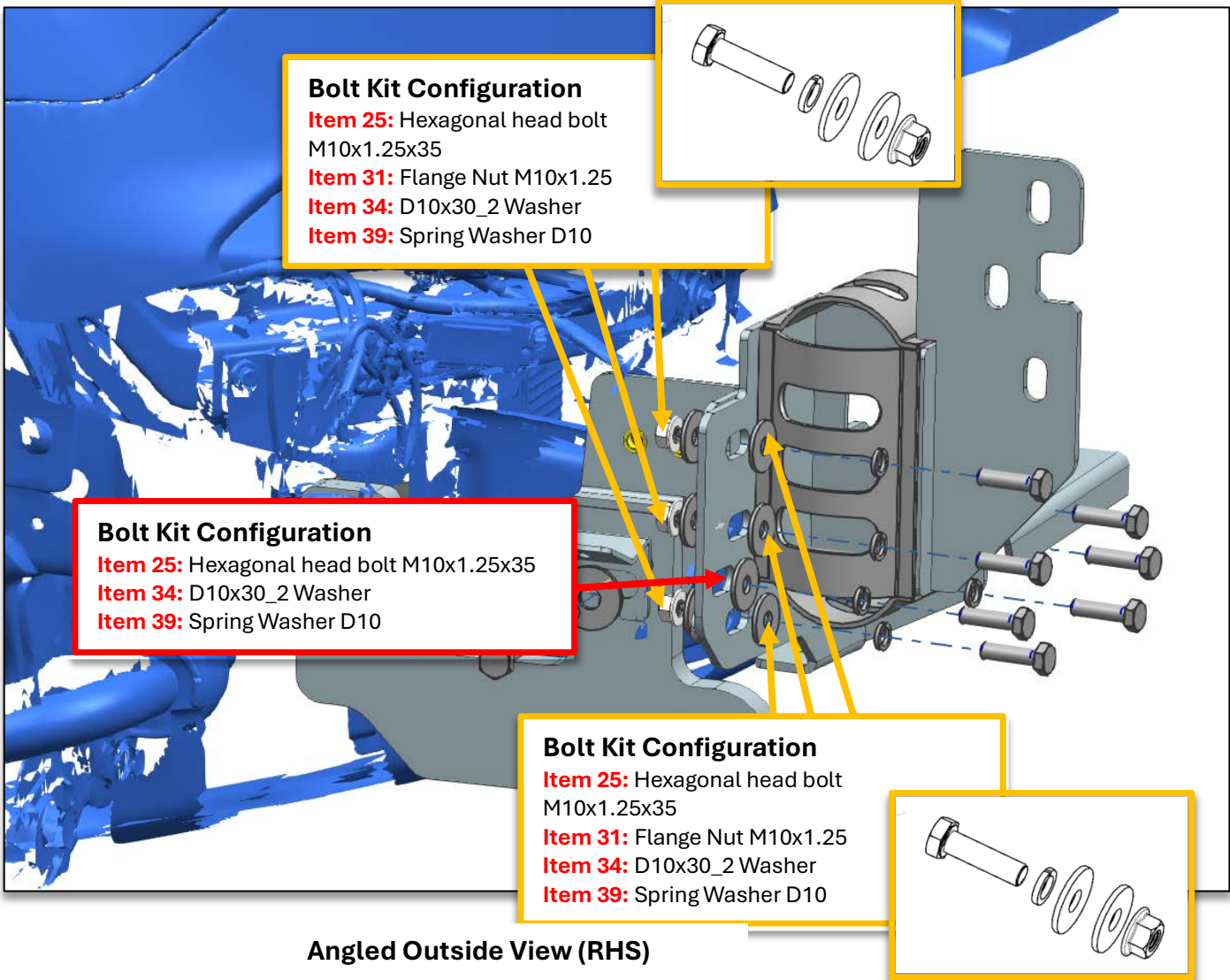
Bolt Kit Configuration

- Item 25:** Hexagonal head bolt M10x1.25x35
- Item 31:** Flange Nut M10x1.25
- Item 34:** D10x30_2 Washer
- Item 39:** Spring Washer D10

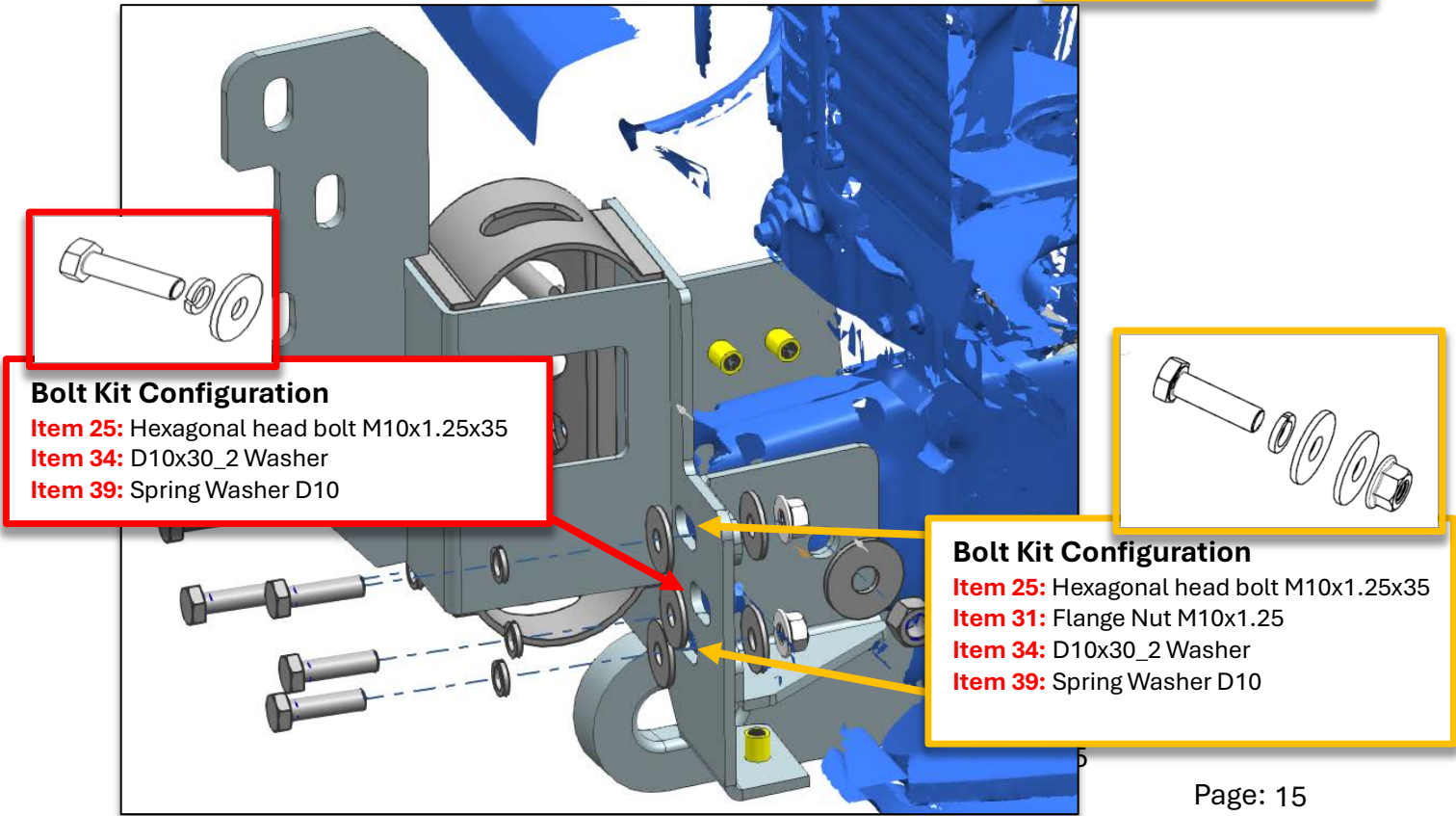
Bolt Kit Configuration

- Item 25:** Hexagonal head bolt M10x1.25x35
- Item 34:** D10x30_2 Washer
- Item 39:** Spring Washer D10

Angled Outside View (RHS)



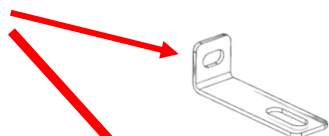
Angled Outside View (RHS)



Install item 7 (to hold the grill in place)

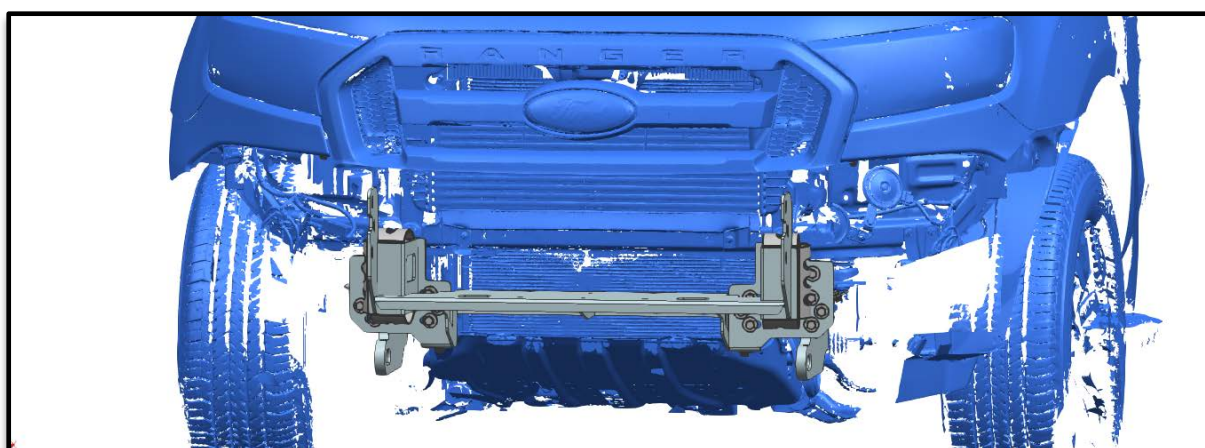
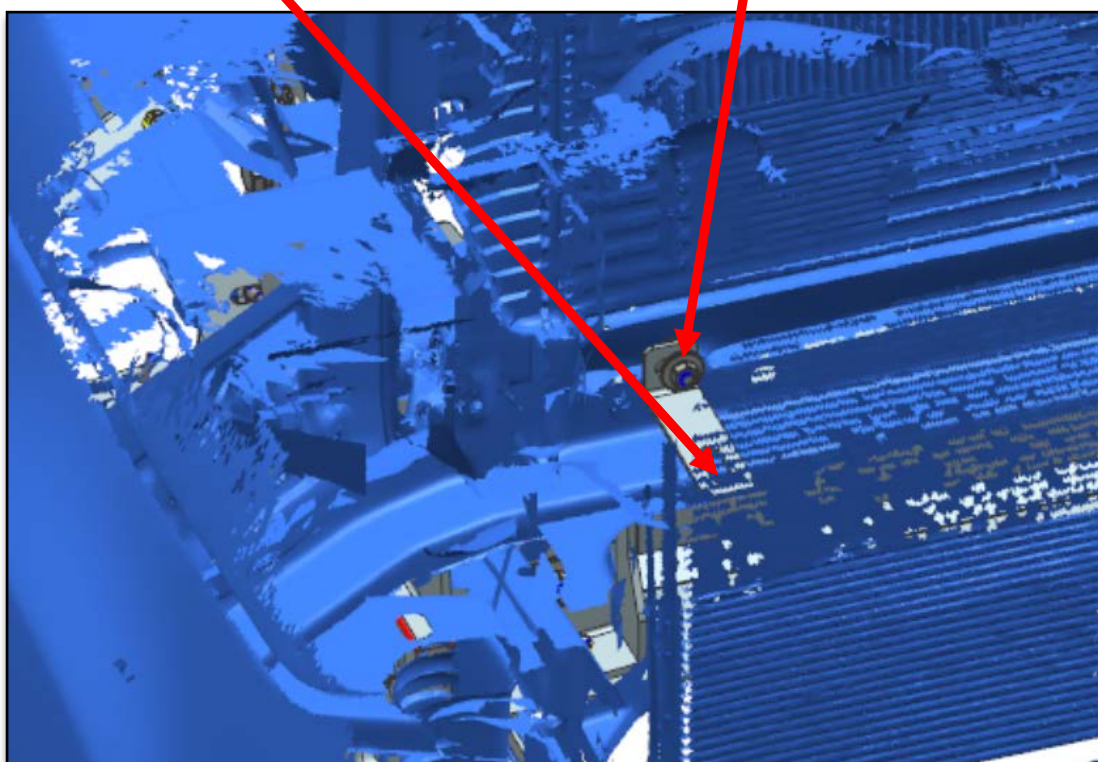
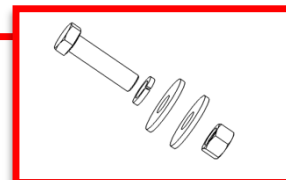
You will require the following Bracket Items for this section:

Item 7: Grill Bracket



Bolt Kit

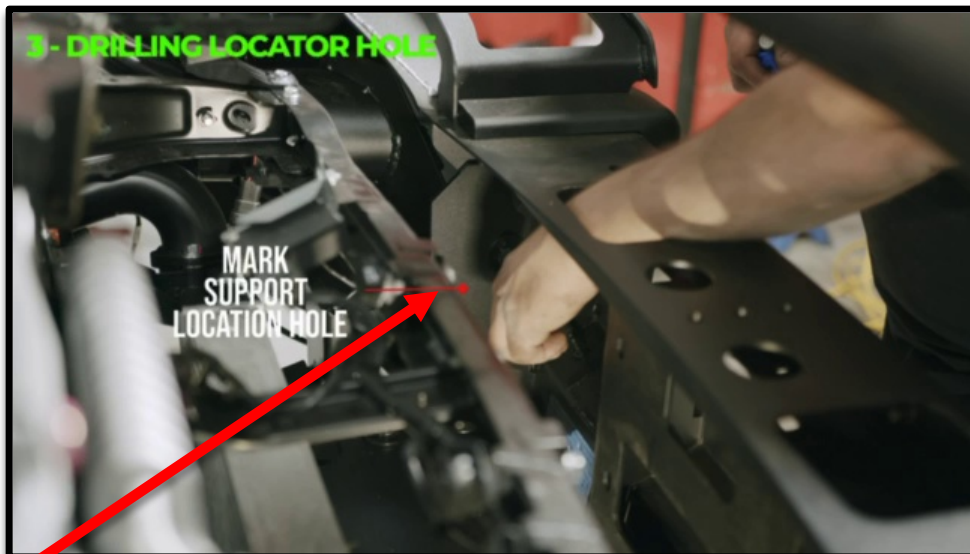
- Item 24:** Hexagonal head bolt M8x35
- Item 29:** Hexagonal head Nut M8x1.25
- Item 37:** D8x24_2 Washer
- Item 42:** Spring Washer D6



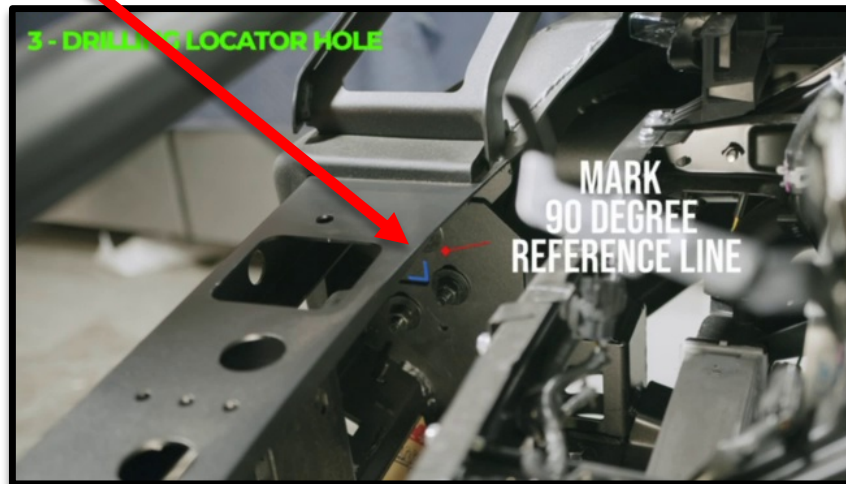
VERY IMPORTANT: Securing the Bullbar locator

Please note the following section is a generic part of the installation that is needed in the installation of all GT bullbar's and thus photos of the bar may differ in the installation process.

1. A locator hole is essential for all GT Bullbar models.
2. It ensures correct positioning, alignment, and leveling of brackets, the bullbar, and accessories before final installation.
3. Temporarily mount the bullbar to mark the exact positioning.
4. After confirming placement, mark the bullbar again using:
 - i. The locator holes
 - ii. An additional square section to establish a 90-degree reference line
5. Use a white permanent marker for visibility.
6. Remove the bullbar and drill through the locator hole from the winch bracket into the bullbar.
7. Secure it by inserting bolts and nuts as per installation instructions.

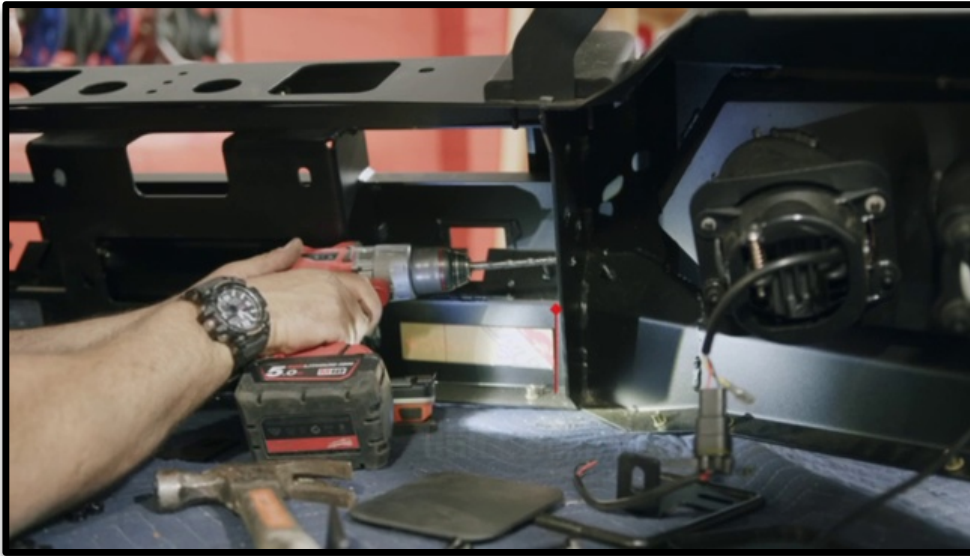


Mark a reference line(s) and hole that needs to be drilled, you can use this reference line(s) to align the bulbar once you all mounted and the relocater hols has been tighten appropriately.

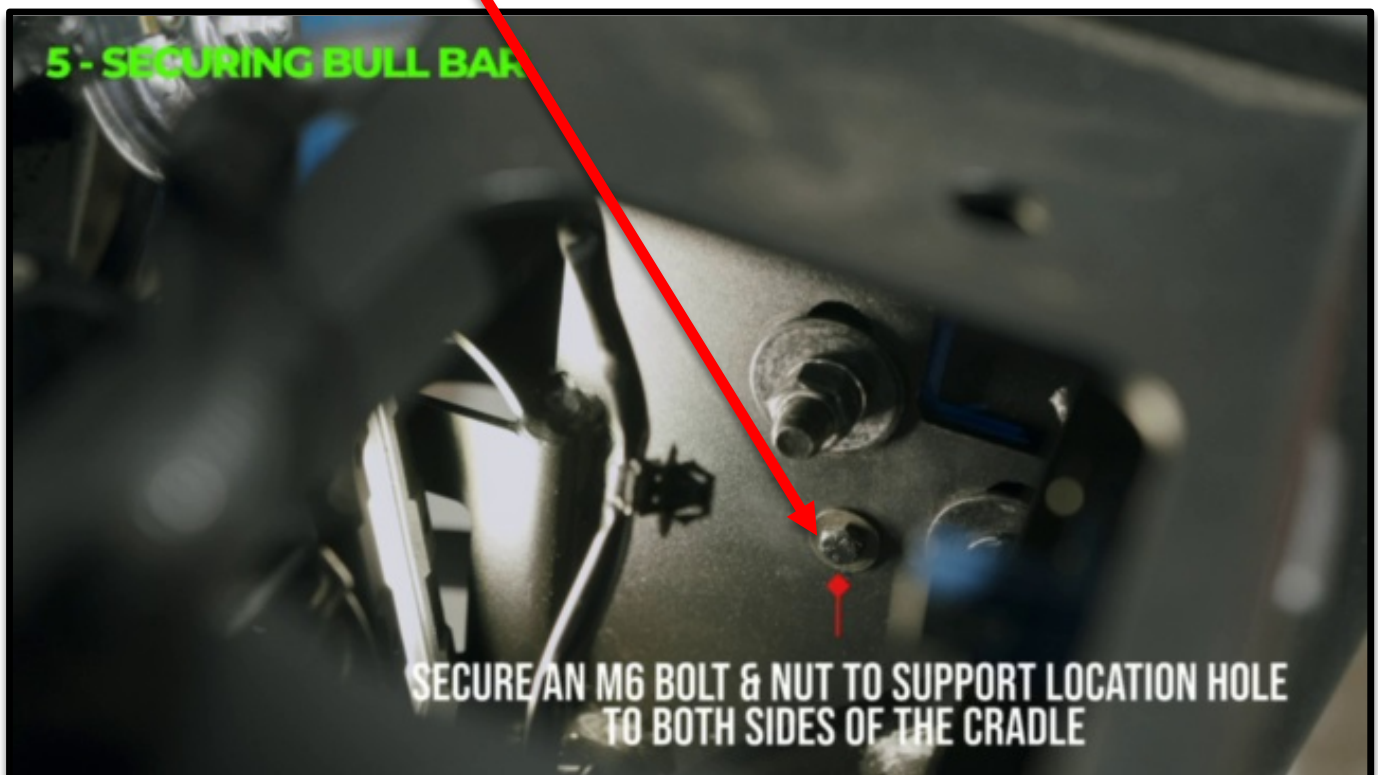


Remove bulbar from the frame in preparation of drilling the locator hole as marked in the previous section

Drill the locator hole as marked



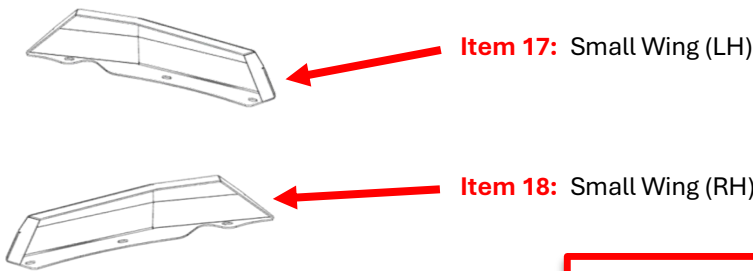
The following step is required only once the bulbar has been mounted and secured



Bullbar Wing Installation –Inside View

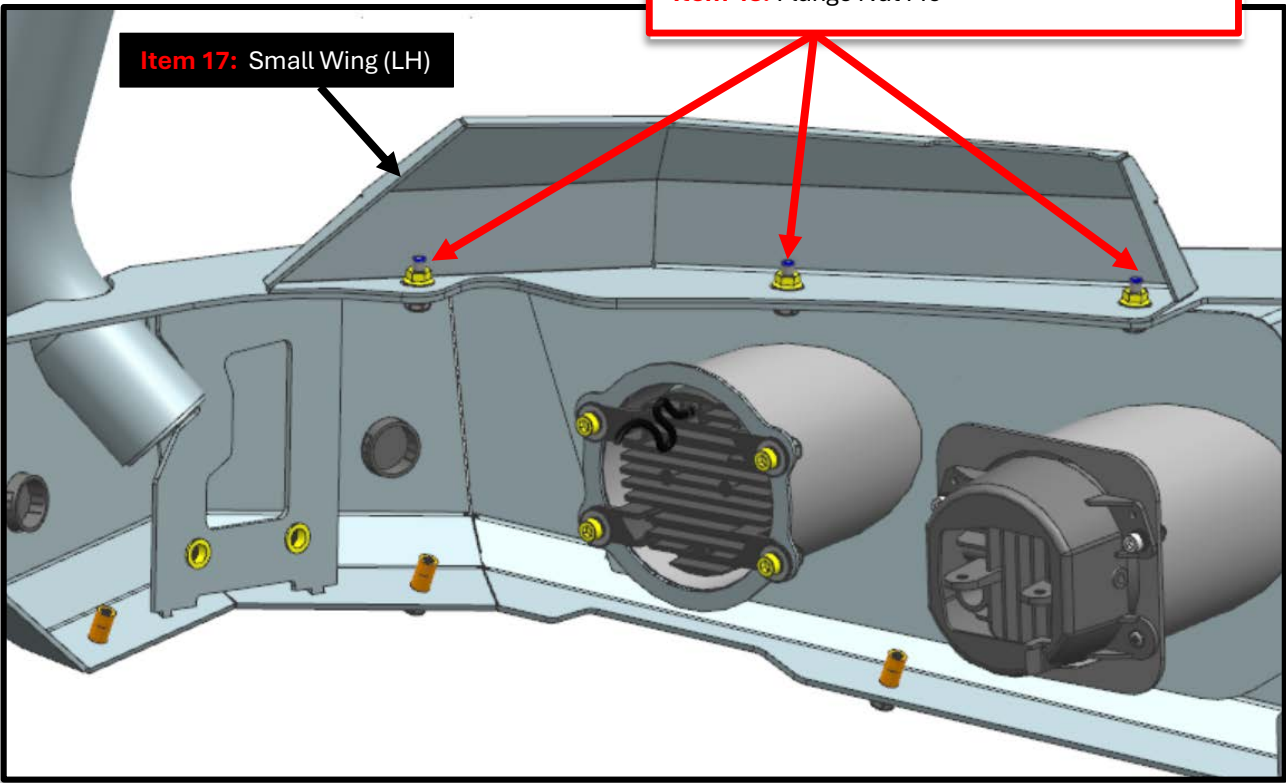
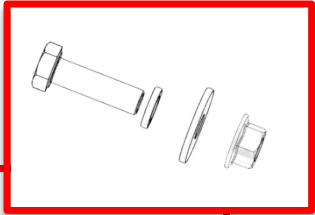
You will require the following Bracket Items for this section:

Item: 17,18

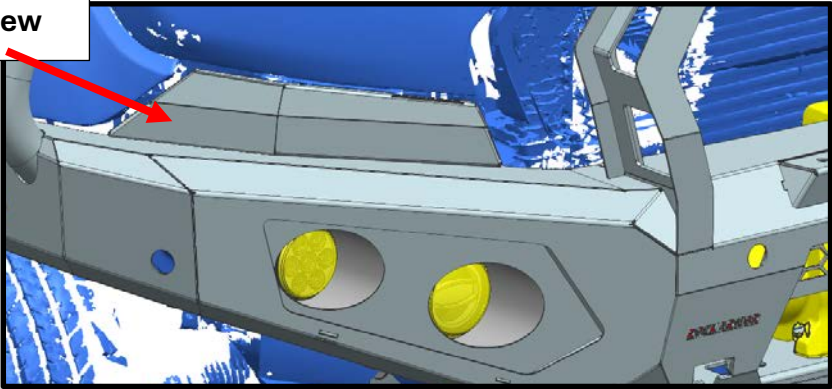


Bolt Kit

- Item 23: Hexagonal head bolt M6x20
- Item 36: D6x18_2 Washer
- Item 41: Spring Washer D6
- Item 43: Flange Nut M6



Front View

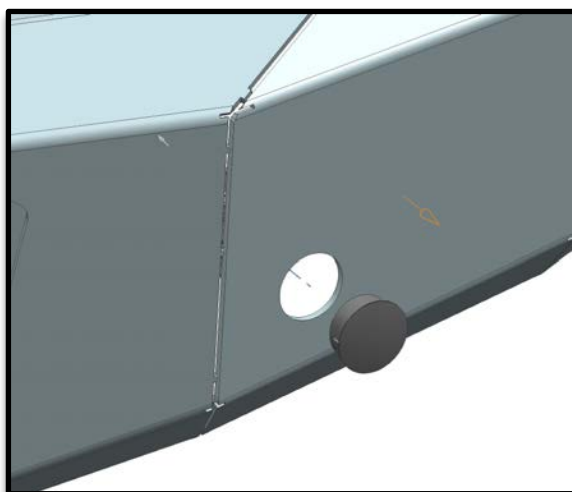
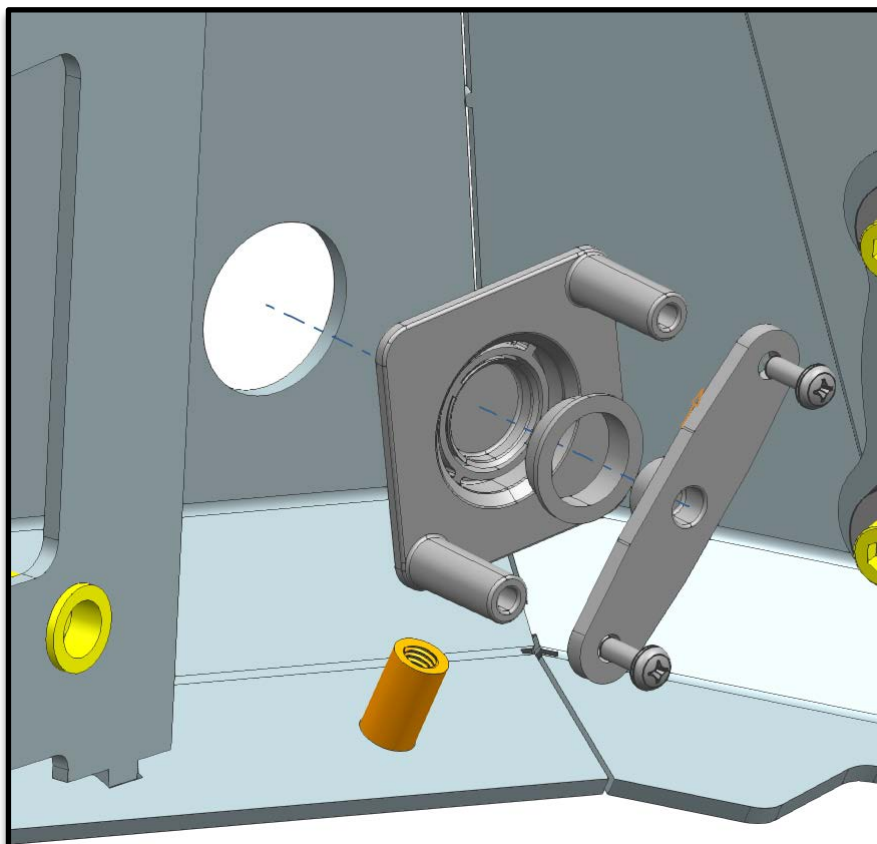


Please replicate the same procedure for the Right-Hand Side

Sensor Bracket Installation –Inside View

We highly recommend watching the video installation for the Sensor installation.

Refer to the video at [this link](#) for detailed guidance or you can go directly to your YouTube channel: https://www.youtube.com/watch?v=xsfZ_0w_hc

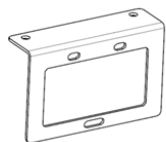


Fitting Instructions

Below configuration is for the Ford Ranger 2019+ Model License plate & Acc Bracket Installation – Inside View

You will require the following Bracket Items for this section:

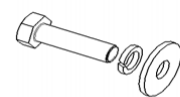
Item: 19,20



Item 19: ACC Bracket (2019+ Model)



Item 20: ACC plastic cover (2019+ Model)



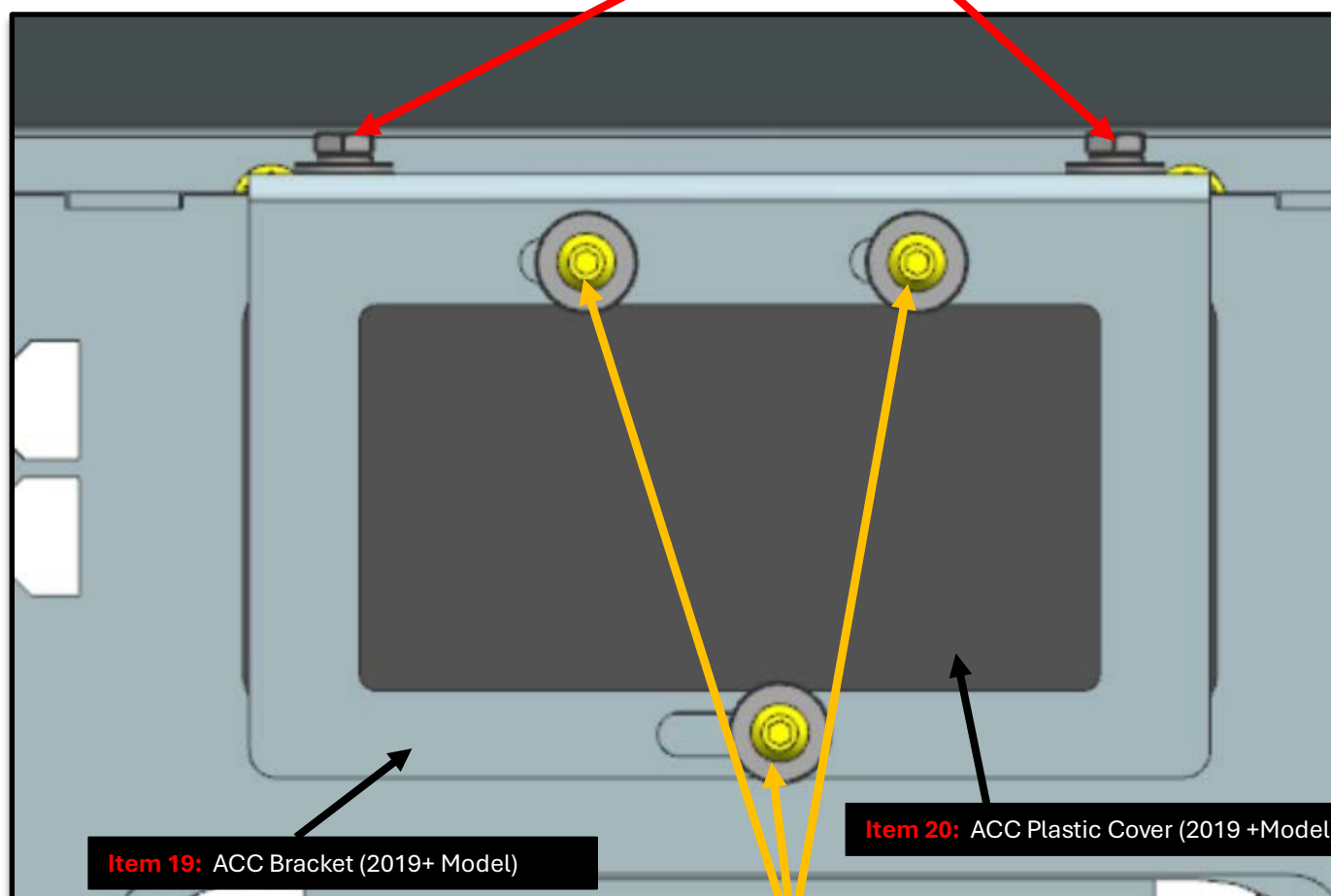
Bolt Kit

Item 23: Hexagonal head bolt M6x20

Item 36: D6x18_2 Washer

Item 41: Spring Washer D6

Item 43: Flange Nut M6



Item 19: ACC Bracket (2019+ Model)

Item 20: ACC Plastic Cover (2019 +Model)

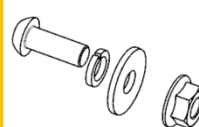
Bolt Kit

Item 32: hexagon socket screw M6x16

Item 36: D6x18_2 Washer

Item 41: Spring Washer D6

Item 43: Flange Nut M6

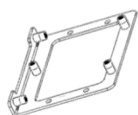


Fitting Instructions

Below configuration is for the Ford Ranger 2015 – 2019 Model License plate & Acc Bracket Installation – Inside View

You will require the following Bracket Items for this section:

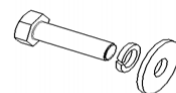
Item: 21,22



Item 21: ACC Bracket (2015-19 Model)



Item 22: ACC plastic cover (2015-19 Model)

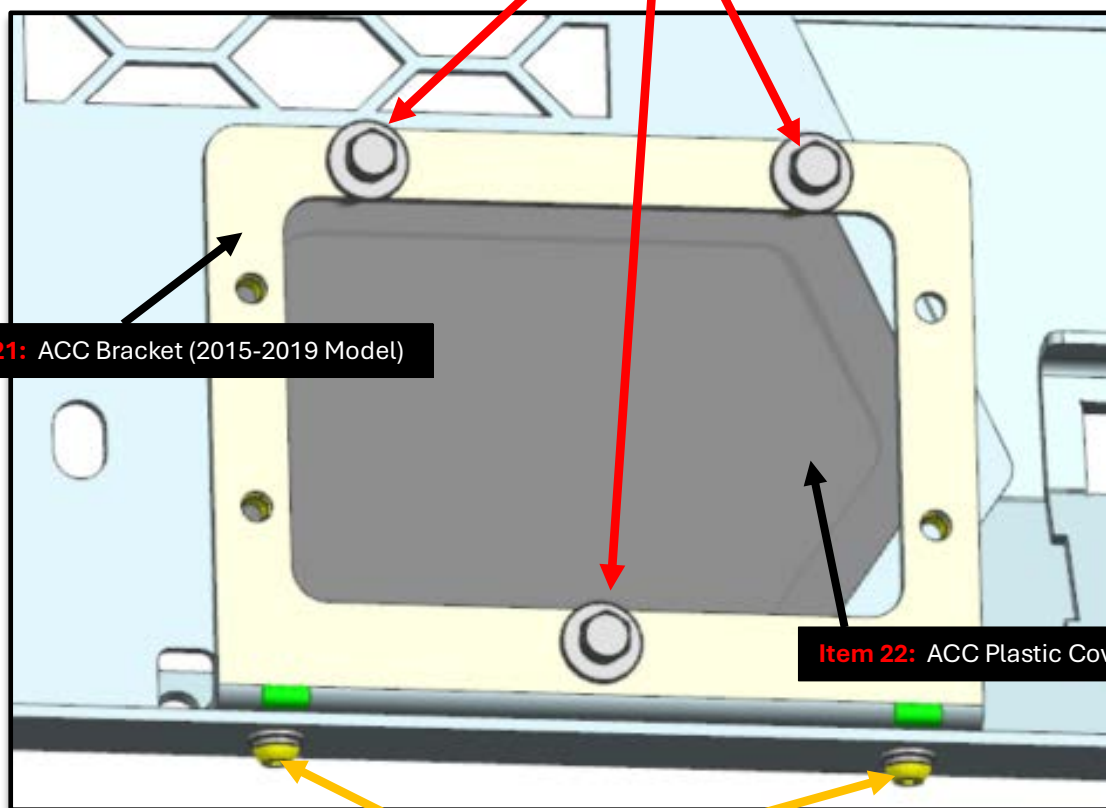


Bolt Kit

Item 23: Hexagonal head bolt M6x20

Item 36: D6x18_2 Washer

Item 41: Spring Washer D6



Item 21: ACC Bracket (2015-2019 Model)

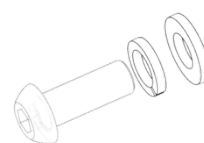
Item 22: ACC Plastic Cover (2015-2019)

Bolt Kit

Item 32: hexagon socket screw M6x16

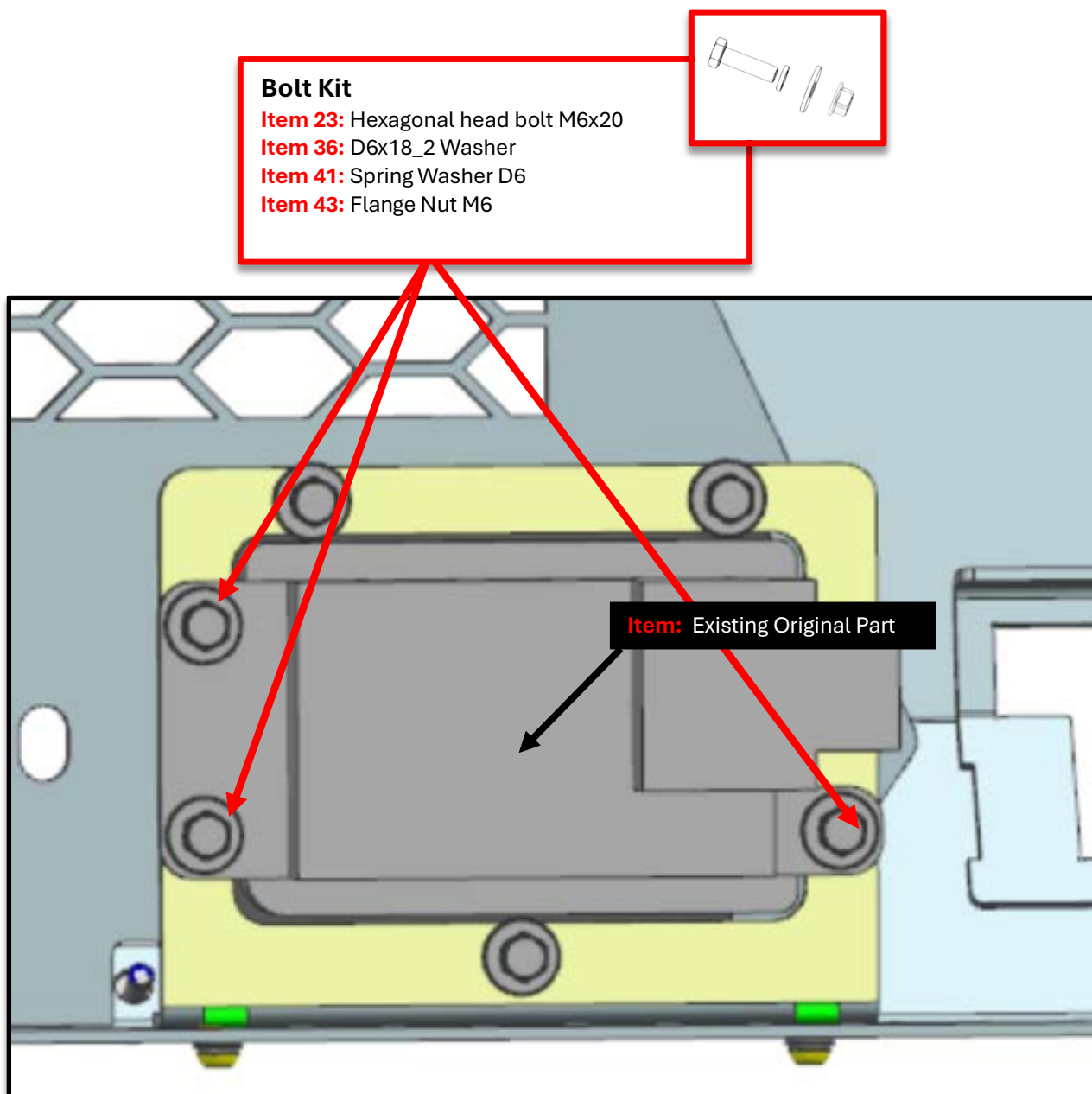
Item 36: D6x18_2 Washer

Item 41: Spring Washer D6



Cover Plate Installation – Inside View

Please note: Use the existing (Original Ford Part) as diagram Below



Below configuration is for the Ford Ranger 2015 – 2019 Model
License plate Holder - Outside View

You will require the following Bracket Items for this section:

Item: 10,



Item 10: Licence Plate Holder

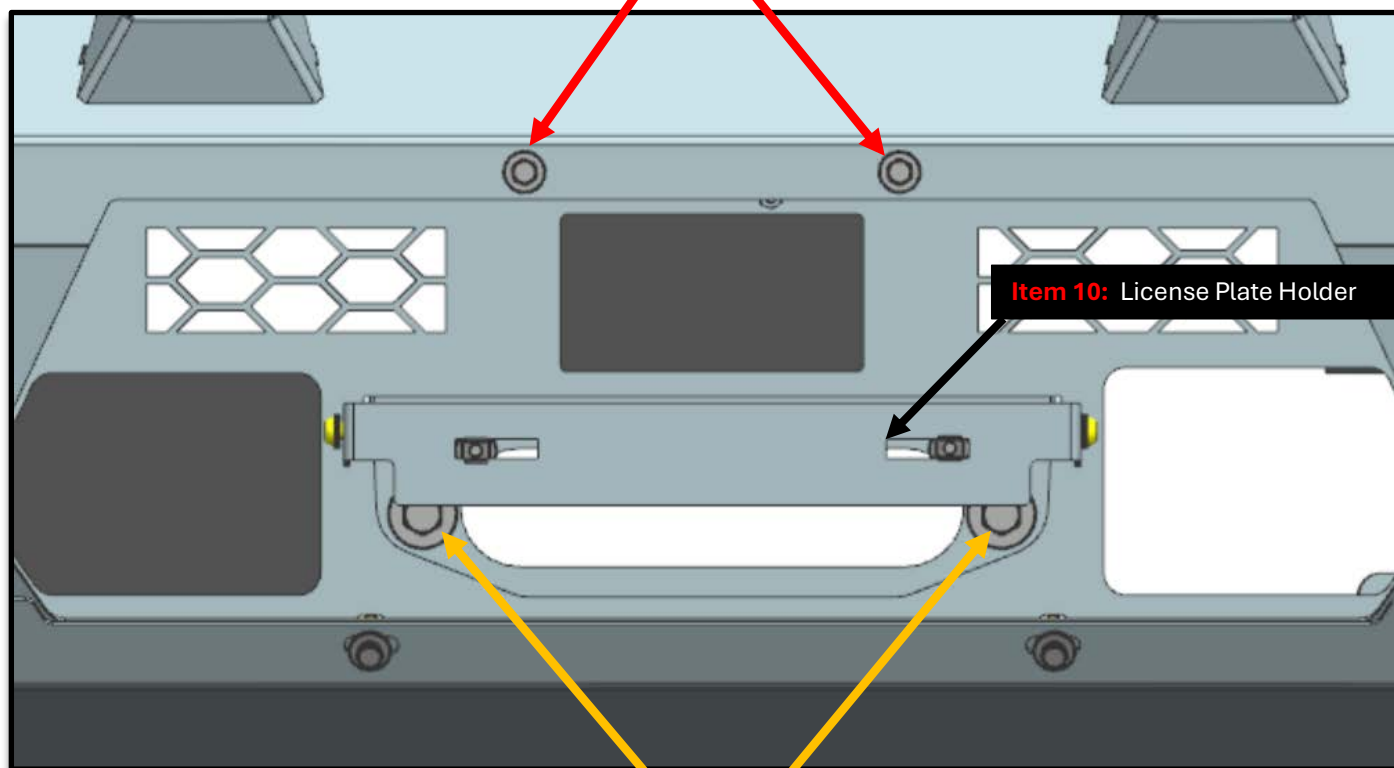
Bolt Kit

Item 23: Hexagonal head bolt M6x20

Item 36: D6x18_2 Washer

Item 41: Spring Washer D6

Item 43: Flange Nut M6



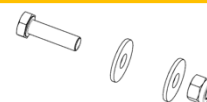
Item 10: License Plate Holder

Bolt Kit

Item 25: Hexagonal head bolt M10x1.25x35

Item 31: Flange Nut M10x1.25

Item 34: D10x30_2 Washer



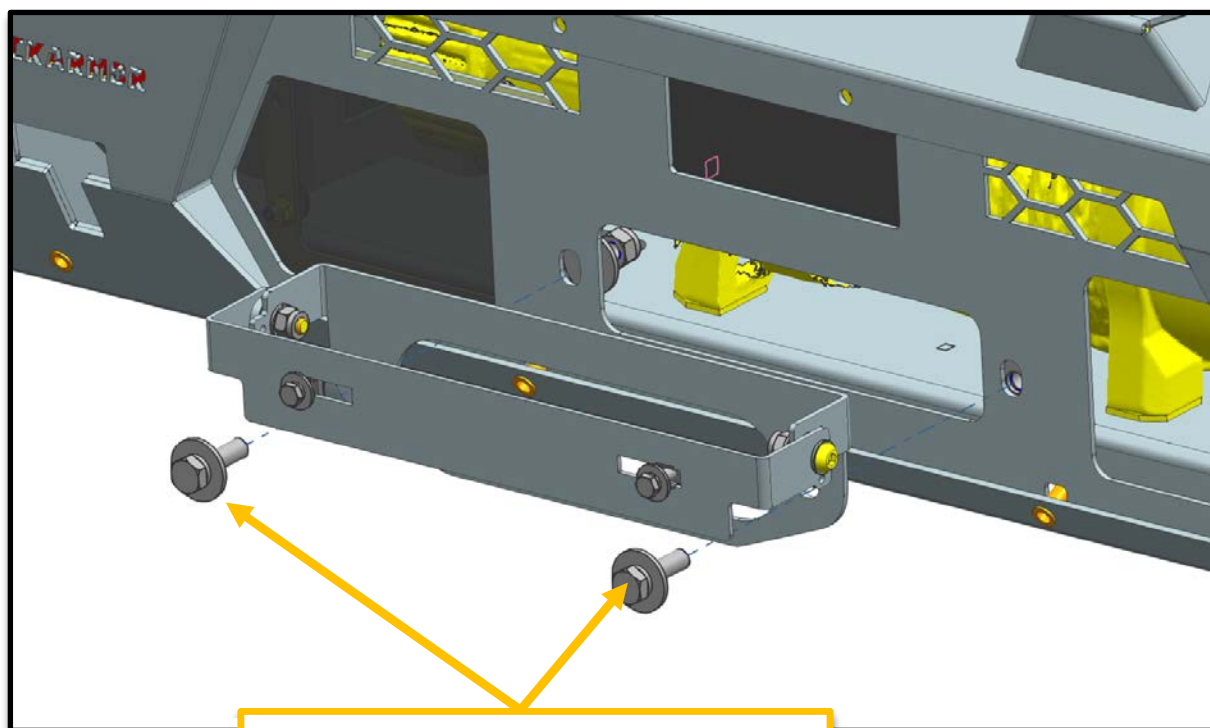
**Below configuration is for the Ford Ranger 2015 – 2019 Model
License plate Holder - Outside Angled View**

You will require the following Bracket Items for this section:

Item: 10,



Item 10: Licence Plate Holder

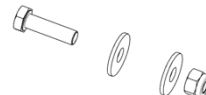


Bolt Kit

Item 25: Hexagonal head bolt M10x1.25x35

Item 31: Flange Nut M10x1.25

Item 34: D10x30_2 Washer

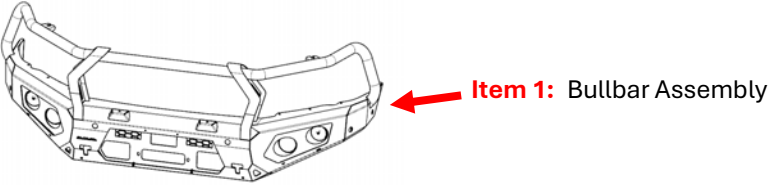


Bullbar & Nut plates Installation –View

You will require the following Bracket Items for this section:

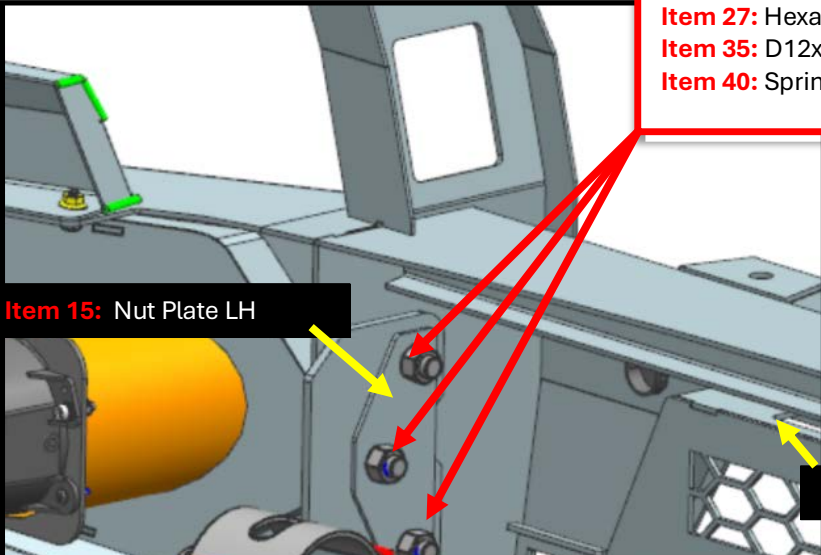
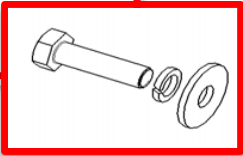
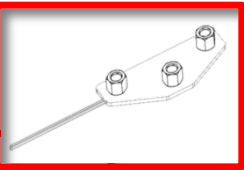
Item 1,15,16

NB: This assembly is for the Left-Hand Side, please replicate for the Right-Hand Side.



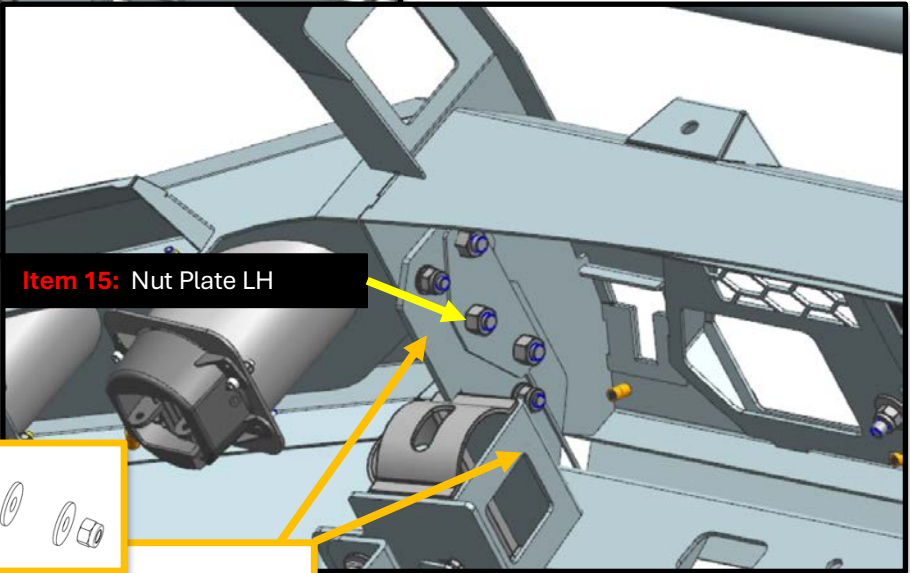
Bolt Kit

- Item 27:** Hexagonal head bolt M12x1.25x40
- Item 35:** D12x37_3 Washer
- Item 40:** Spring Washer D12



Item 15: Nut Plate LH

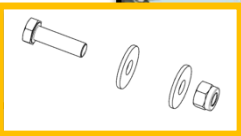
Item 1: Bullbar Assembly



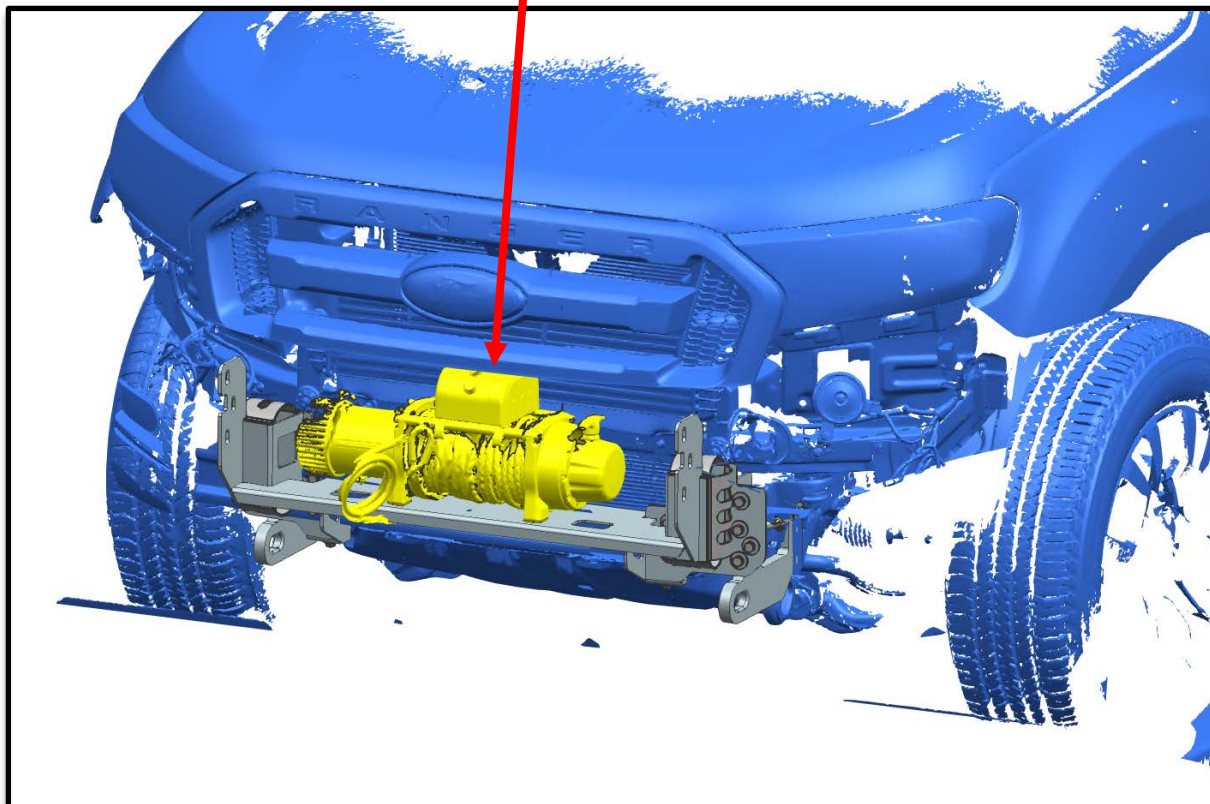
Item 15: Nut Plate LH

Bolt Kit

- Item 25:** Hexagonal head bolt M10x1.25x35
- Item 33:** Nylon Nut M10x1.25
- Item 38:** D10x20_2 Washer



If Installing a Winch, please mount prior to mounting the Outer Bullbar

**Please note:**

When installing an electronic winch on Rockarmor bullbars, the winch and control box may vary depending on the model, size, and brand. Our provided guide is a general reference designed to accommodate the most common winch types. Installation methods may differ, and multiple configurations are possible, with or without the control box bracket. Please note that for some brands, the control box may be mounted separately depending on its size.

Original Equipment Bash Plate Support Installation – Bottom View

You will require the following Bracket Items for this section:

Item 14: - OE bash plate support



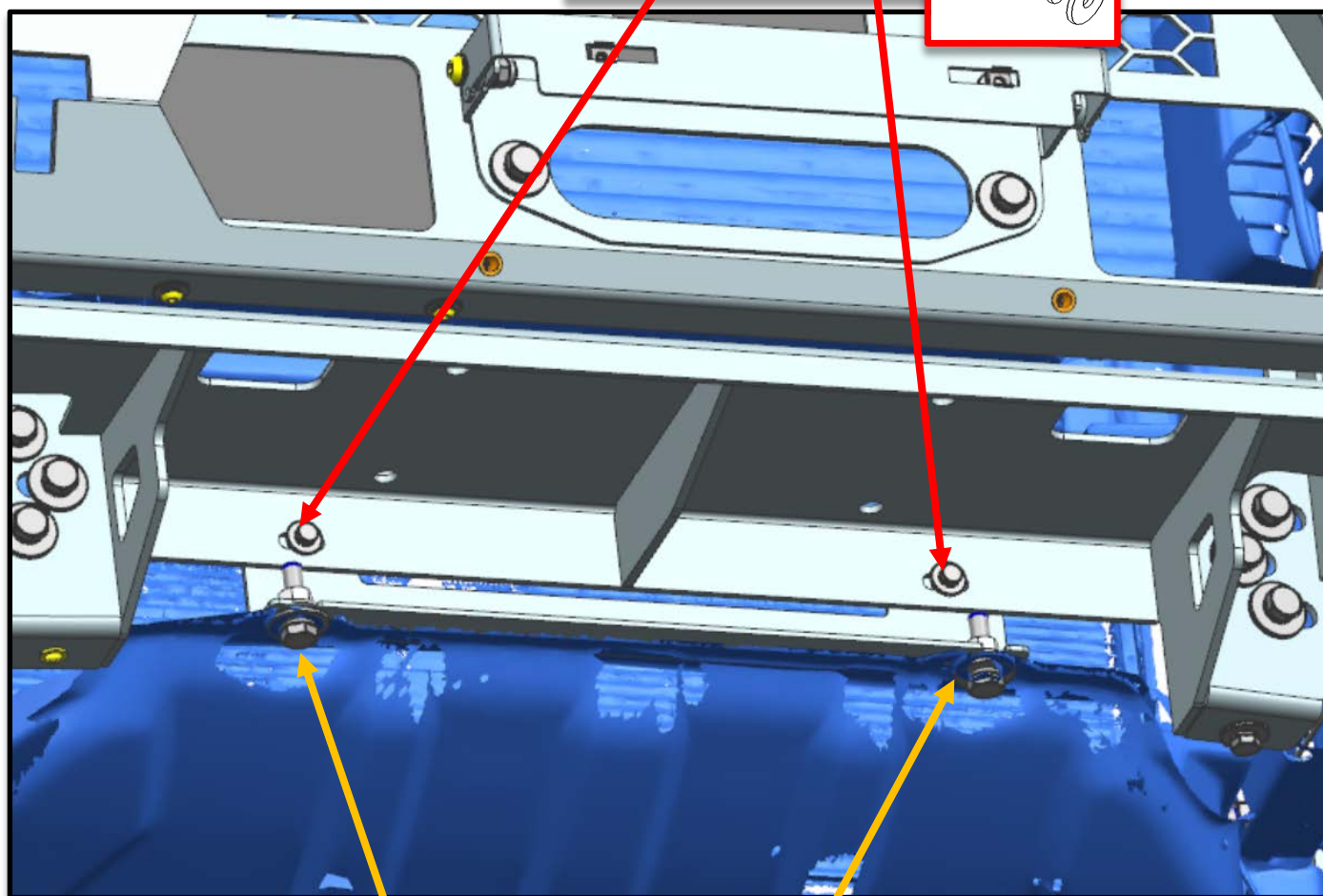
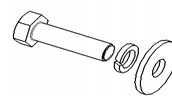
← **Item 14:** OE bash plate support

Bolt Kit

Item 23: Hexagonal head bolt M6x20

Item 36: D6x18_2 Washer

Item 41: Spring Washer D6



Bolt Kit

Item 25: Hexagonal head bolt M10x1.25x35

Item 31: Flange Nut M10x1.25

Item 34: D10x30_2 Washer

Item 39: Spring Washer D10



Wing Holder Installation – Bottom View

You will require the following Bracket Items for this section:

Item 23,24 - Wing Holders (RHS, LHS)



Item 23: Wing Holder (LH)



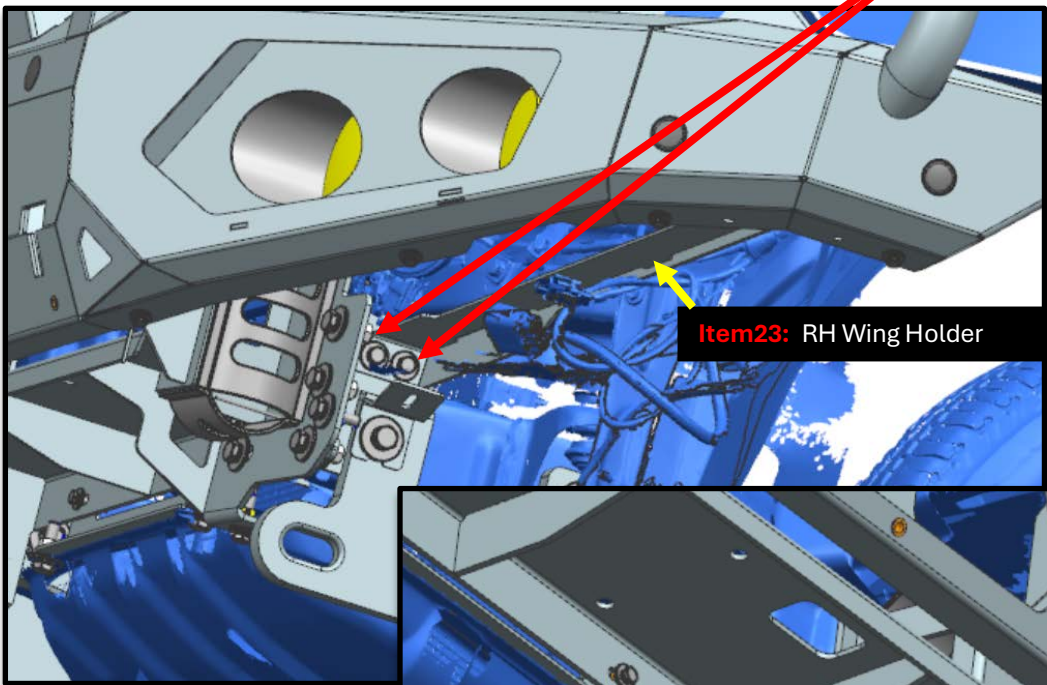
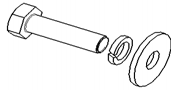
Item 24: Wing Holder (RH)

Bolt Kit

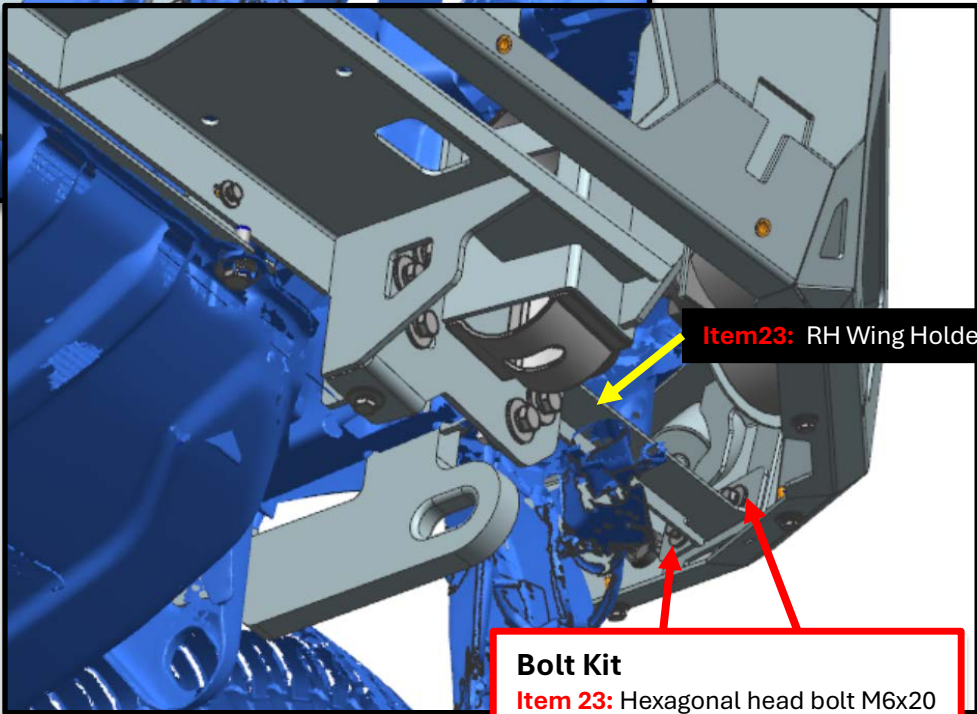
Item 23: Hexagonal head bolt M6x20

Item 37: D8x24_2 Washer

Item 42: Spring Washer D8



Item23: RH Wing Holder



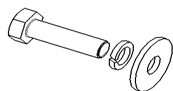
Item23: RH Wing Holder

Bolt Kit

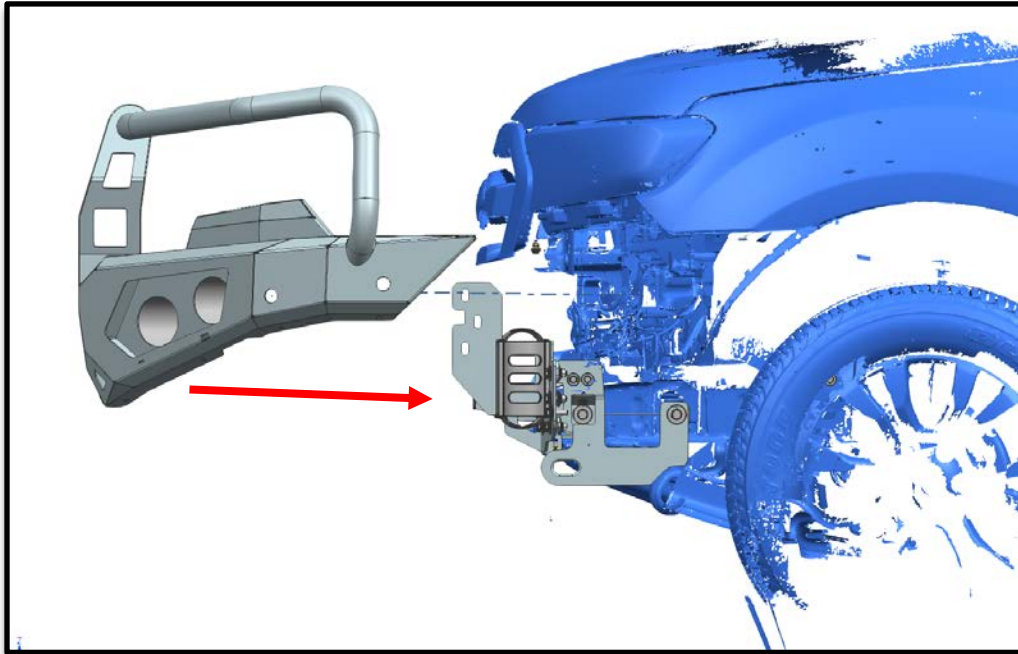
Item 23: Hexagonal head bolt M6x20

Item 37: D8x24_2 Washer

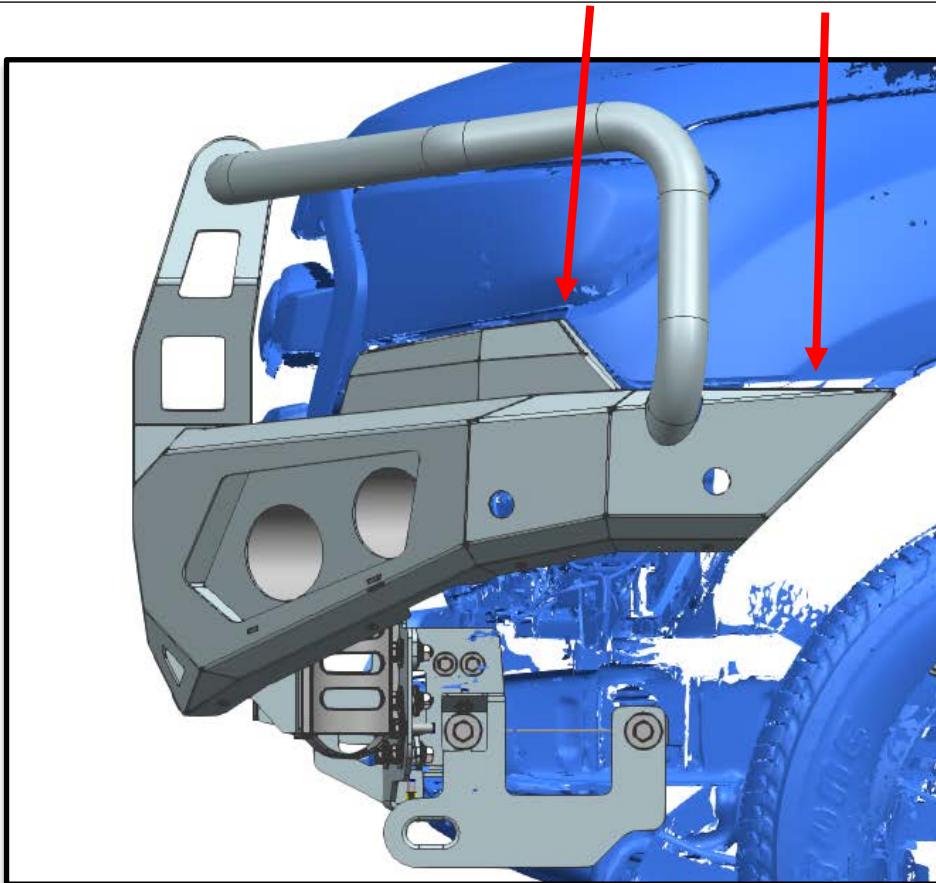
Item 42: Spring Washer D8



Side View of Bullbar mounting



Please note: Gap required between Bulbar and Quarter Panel (10mm+ is recommended)

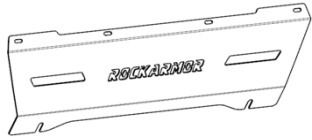


Fitting Instructions

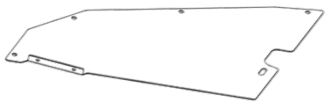
Bash Plate Installation – Bottom View

You will require the following Bracket Items for this section:

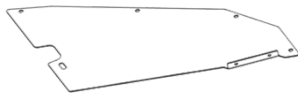
Item 3,4,5 - Bash Plates (RHS, Middle, LHS)



Item 3: Middle bash plate



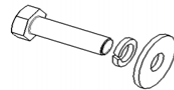
Item 4: (LH) bash plate



Item 5: (RH) bash plate

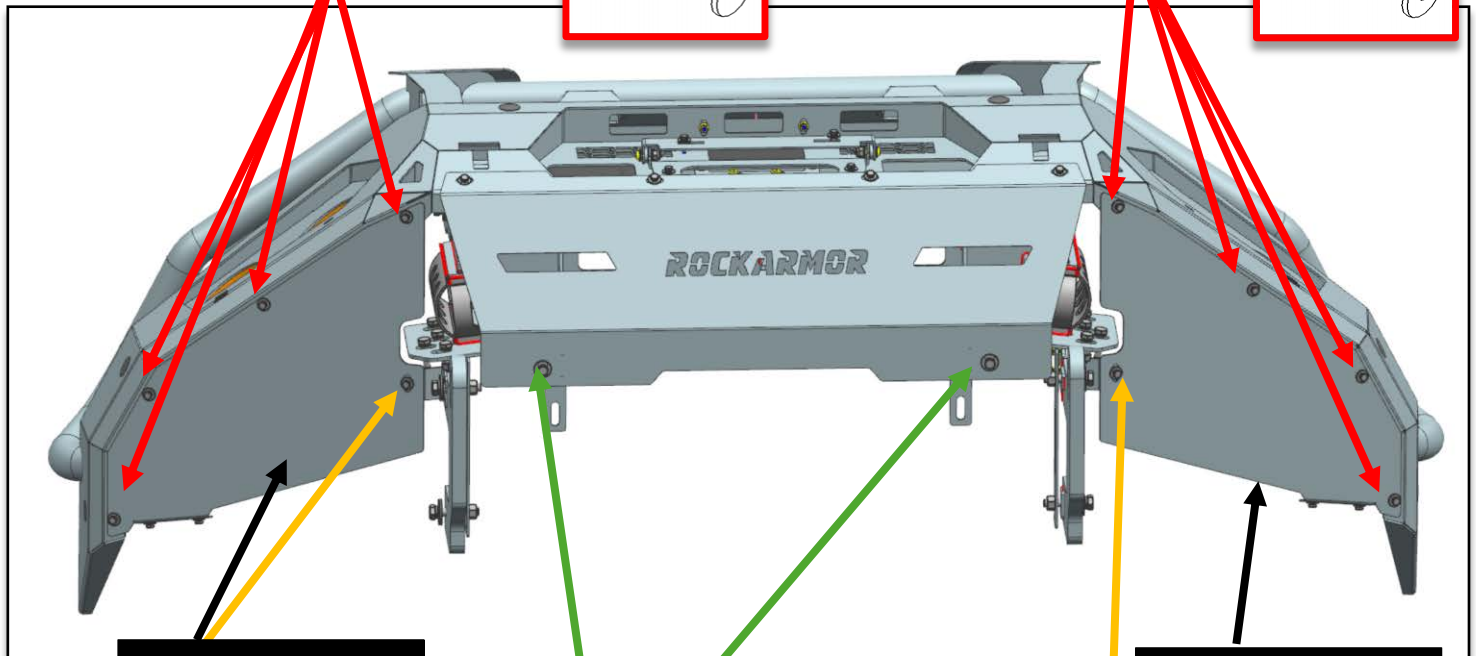
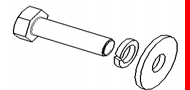
Bolt Kit

Item 23: Hexagonal head bolt M6x20
Item 36: D6x18_2 Washer
Item 41: Spring Washer D6



Bolt Kit

Item 23: Hexagonal head bolt M6x20
Item 36: D6x18_2 Washer
Item 41: Spring Washer D6



Item 4: LH Bash Plate

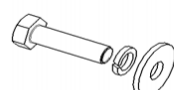
Bolt Kit

Item 23: Hexagonal head bolt M6x20
Item 36: D6x18_2 Washer
Item 41: Spring Washer D6
Item 43: Flange Nut M6



Bolt Kit

Item 24: Hexagonal head bolt M8x35
Item 37: D8x24_2 Washer
Item 42: Spring Washer D8



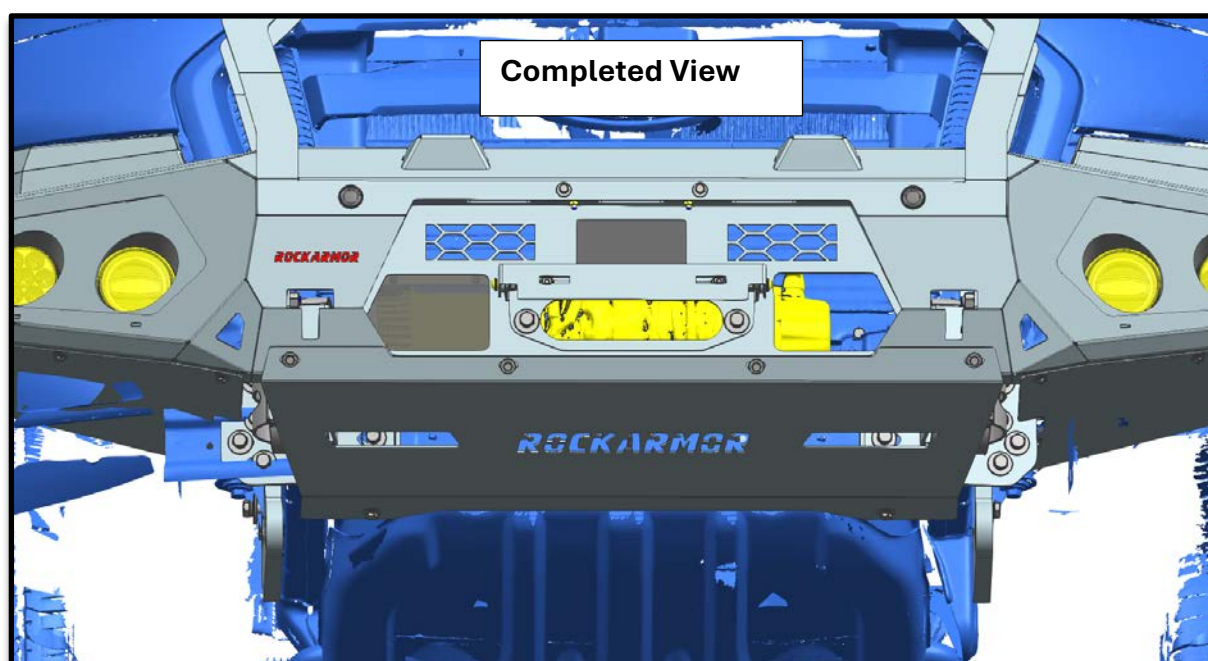
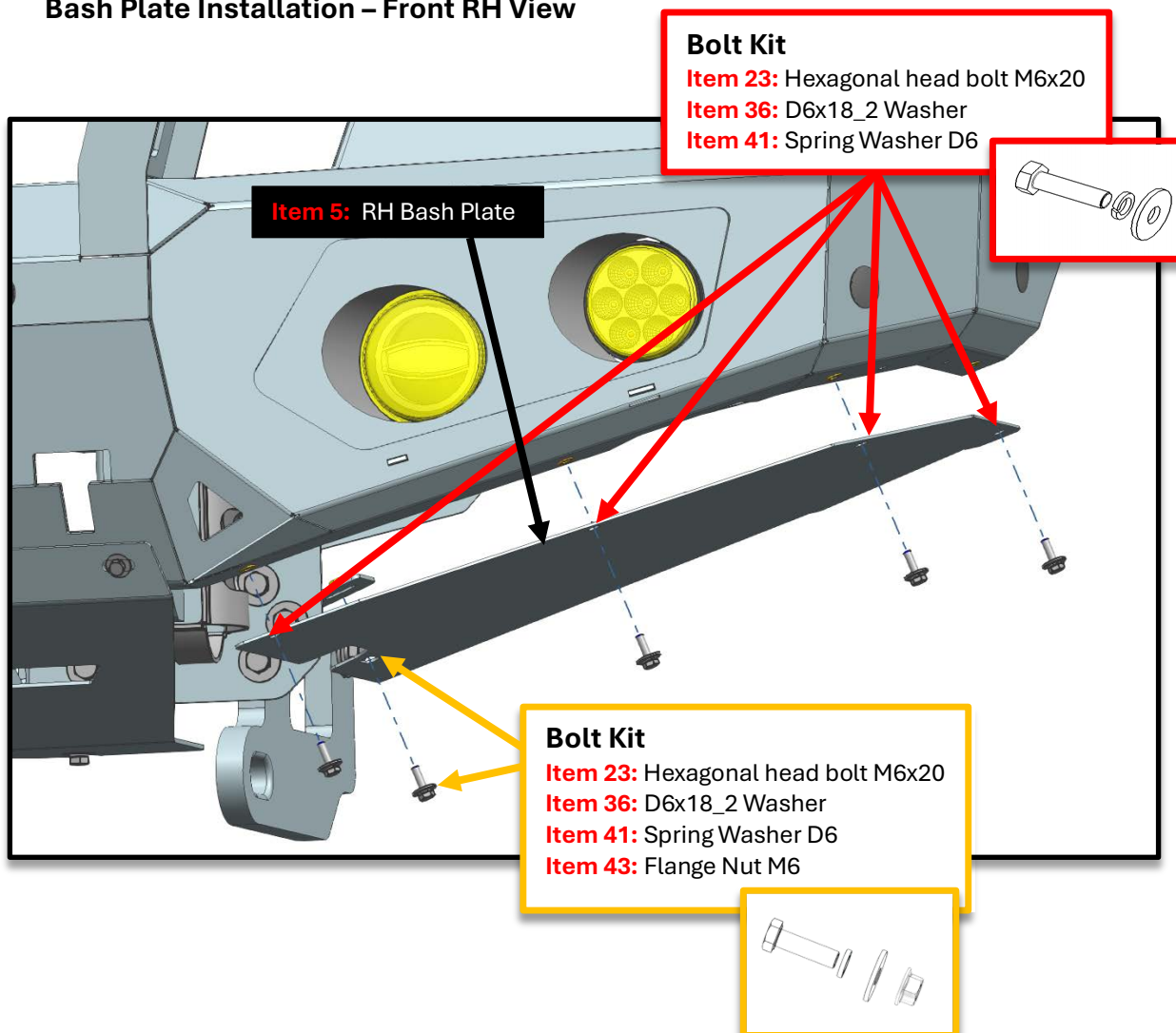
Item 5: RH Bash Plate

Bolt Kit

Item 23: Hexagonal head bolt M6x20
Item 36: D6x18_2 Washer
Item 41: Spring Washer D6
Item 43: Flange Nut M6



Bash Plate Installation – Front RH View



Tip: Suggest doing the auto electricals for the Parking Lights ,indicators and other Lighting needs.

We strongly advise you employ a qualified auto electrician to complete the auto Electrics on the Vehicle.

Wiring Colour Codes from lights on the Rockarmor Bullbar:

Red - Fog Light

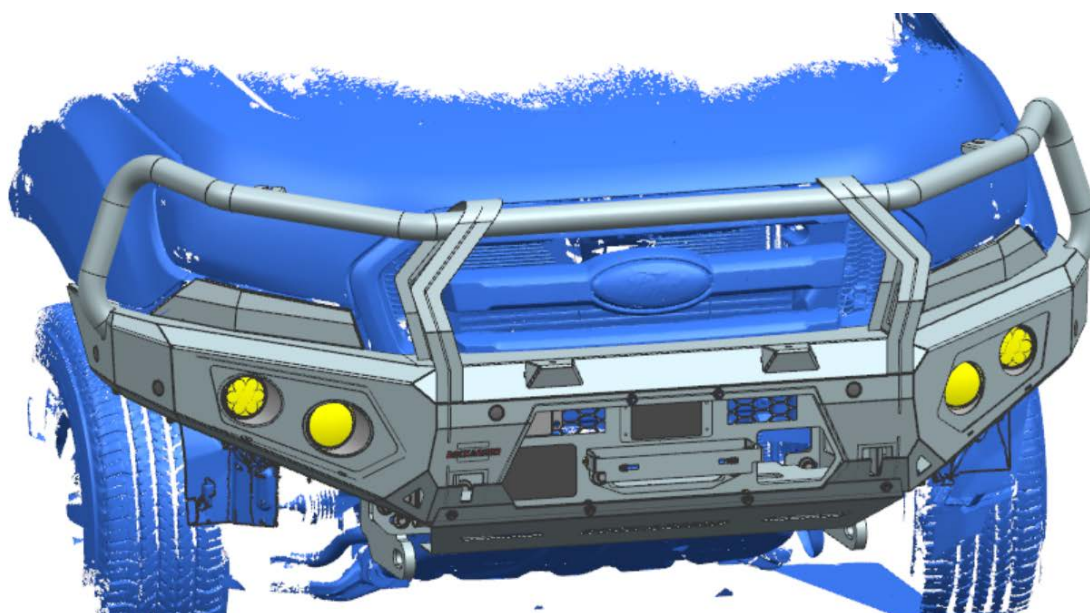
White - Park Light

Yellow - Indicator Light

Black - Earth (Ground)

Final Assembly and Testing

- Description: Tighten all bolts to the specified torque values. Inspect the installation for stability and ensure all components are securely fastened. Test fit the guard to confirm there are no vibrations or misalignments.
- Safety Note: Do not operate the vehicle without completing the final inspection.



Sensor Recalibration Notice

If your vehicle is equipped with **factory-fitted sensors** (e.g., parking sensors, radar, front camera, adaptive cruise, etc.), please note the following:

- After installing the Bull Bar, you **may need to recalibrate** all sensors that have been **removed, repositioned, or reinstalled** into the new bull bar setup.
- All sensors **must be installed in accordance with the original vehicle manufacturer's specifications and positioning**.
- Ensure correct orientation, spacing, and alignment as per **OEM service manuals**, as failure to do so may impact sensor accuracy or functionality.
- In addition to the above, follow the **RockArmor fitting instructions** carefully for sensor mounting locations if applicable.

Important: Recalibration should ideally be performed using a **diagnostic tool or by a licensed technician** to ensure full sensor functionality and compliance with road safety requirements.

Rockarmor Disclaimer:

Rockarmor Pty Ltd takes no responsibility for any damages, injuries, or vehicle malfunctions resulting from improper installation or failure to follow the provided fitting instructions. We strongly recommend that the installation of this product be carried out by a qualified and experienced fitter with the appropriate tools and knowledge to ensure safety and proper functionality.

Any modifications to the product or deviations from the instructed procedure will void all warranties and transfer full responsibility to the installer and/or vehicle owner. Additionally, it is highly advisable for the vehicle to have a suspension upgrade when installing a bullbar. Rockarmor will not be responsible for any damage to the bullbar or vehicle if the suspension has not been upgraded. By proceeding with the installation, the installer acknowledges and accepts all risks and liabilities associated with the fitting process.

Suspension Upgrade Recommendation for Bullbar Installation

When installing a GT Bullbar, it is highly recommended to upgrade your vehicle's suspension to accommodate the additional weight of the bullbar and any other accessories, such as a winch. Neglecting to do so can lead to vehicle sag, compromised handling, and potential damage to the vehicle. The chassis and body

of the vehicle move independently, and if the suspension has not been tailored to accommodate the additional accessories, you could seriously damage lights, panels, and other components due to excessive movement and stress on mounting points.

Front Suspension Upgrades:

- **Assess the Added Weight:** Determine the combined weight of the bullbar and any front-mounted accessories to ensure proper load distribution.
- **Select Appropriate Springs:** Upgrade to heavy-duty front springs rated for an additional 80 kg or more to maintain proper ride height and handling.
- **Consider Matching Shock Absorbers:** Pairing upgraded springs with compatible shock absorbers can enhance ride quality and control, reducing excessive movement.

Rear Suspension Considerations:

- **Evaluate Rear Accessories:** If adding accessories like rear bars, spare wheel carriers, or additional storage, assess the extra weight imposed on the rear suspension.
- **Upgrade Rear Springs or Add Support:** Installing heavier-duty rear springs or auxiliary support systems, such as airbag spring helpers, can help manage the increased load and prevent rear-end sag.

General Recommendations:

- **Combined Weight Consideration:** When installing multiple accessories, calculate the total additional weight to determine the necessary suspension upgrades.
- **Professional Consultation:** Before making suspension modifications, consult with a suspension specialist to ensure compatibility and optimal performance.
- **Regular Maintenance:** After upgrading, periodically inspect suspension components for wear and ensure all parts are functioning correctly.

By aligning your vehicle's suspension with the added weight of accessories, you maintain safety, performance, and the longevity of your vehicle's components. Failing to do so may result in long-term damage and expensive repairs.