

ROCKARMOR

Fitting Instructions

Description:	TOYOTA LANDCRUISER 100 GT BULLBAR - SUITS 1998 -09/2007 (FITTING INSTRUCTIONS)
Model:	Landcruiser 100 Series (IFS)
SKU:	SKU: BBRA-100GT



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:

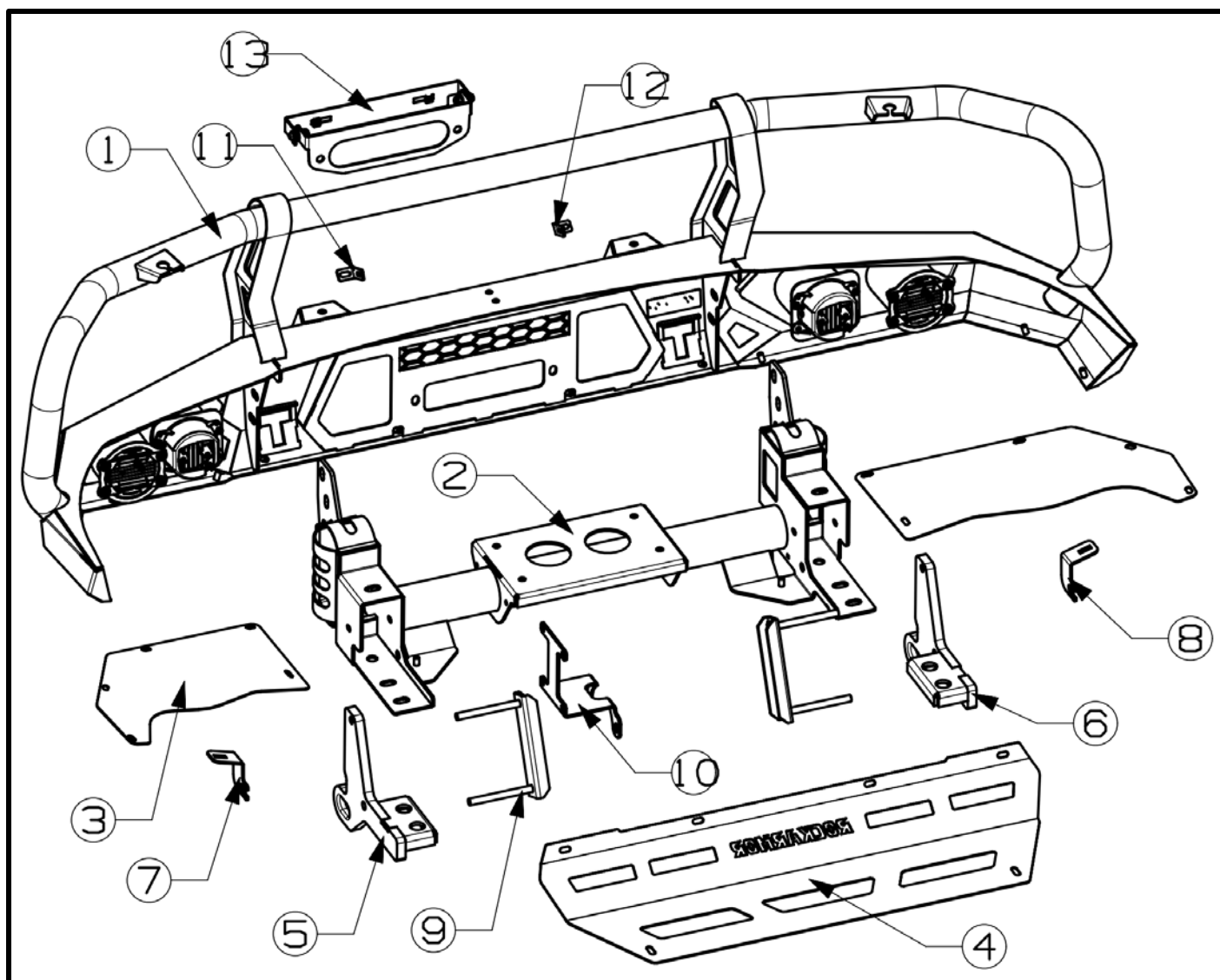
By proceeding with the installation, you acknowledge that the installer is responsible for following these instructions accurately. Rockarmor Pty Ltd will not be held liable for any damages, injuries, or vehicle malfunctions arising from improper installation or failure to adhere to the provided guidelines. 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.

Note:

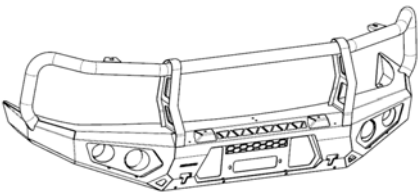
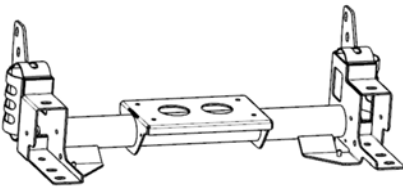
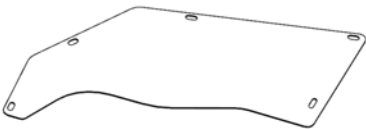
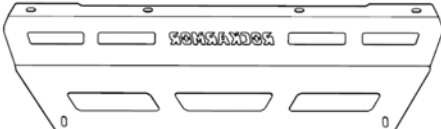
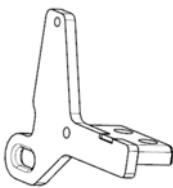



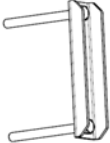

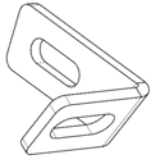
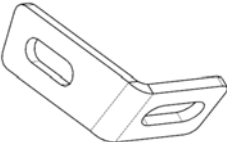
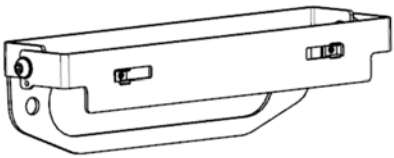
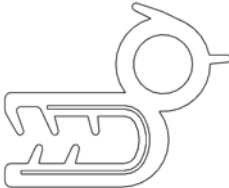
- 1) This bull bar cannot be installed onto other vehicles , in addition to the manufacturer special instructions
- 2) Do not remove label on the bar.
- 3) Do not change the structure of bull bar.

Standard locking torque

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



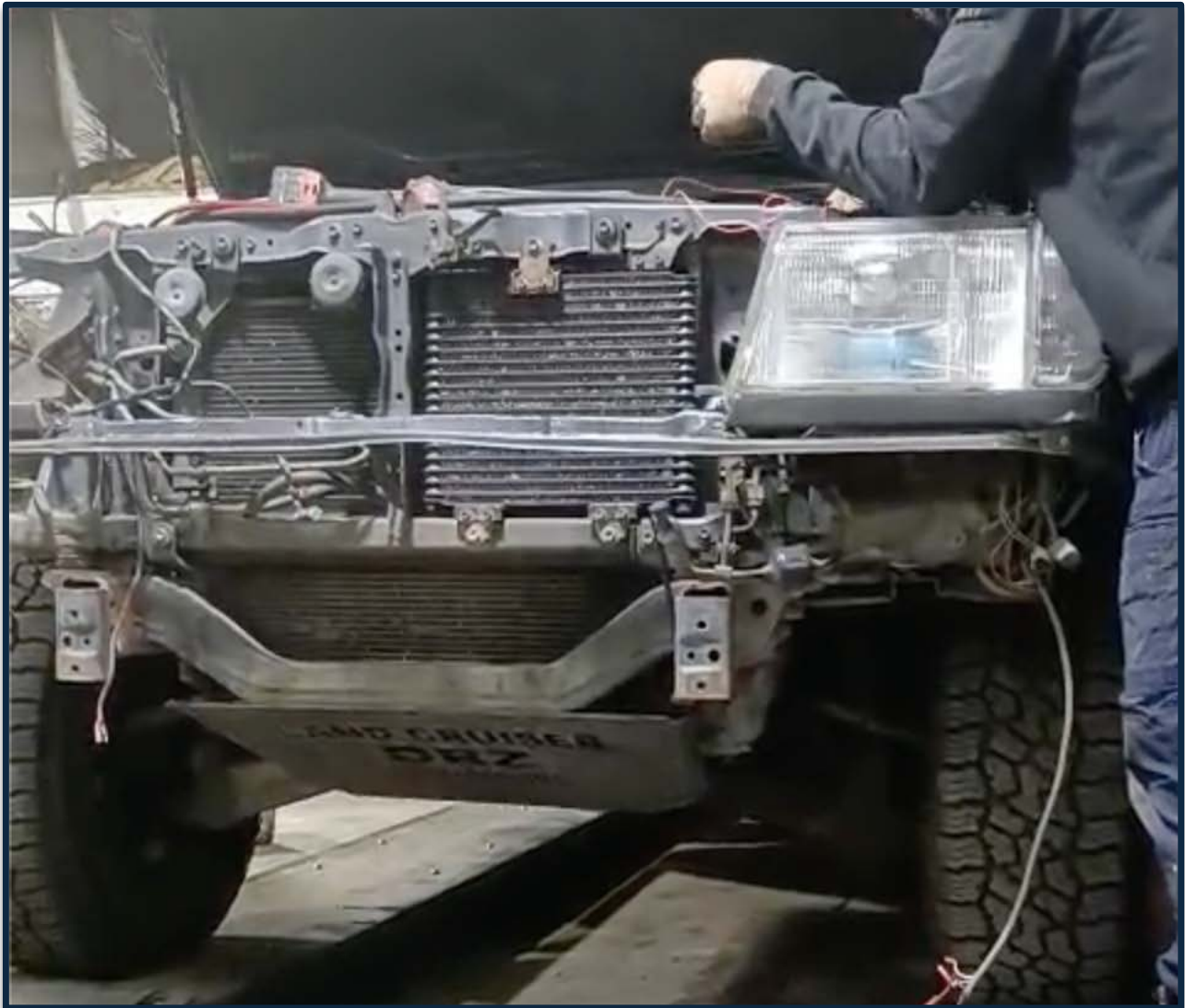
Fitting instructions

Item	Description	Qty	Item	Description	Qty
1	 Bull bar assemble	1	2	 Winch Frame	1
3	 Bash plate	2	4	 Middle bash plate	1
5	 Outside Bracket(RH)	1	6	 Outside Bracket(LH)	1
7	 Bash plate Bracket (LH)	1	8	 Bash plate Bracket (RH)	1
9	 M12*130 Bolt Plate	2	10	 Bracket	1
11	 Long light Bracket (LH)	4	12	 Long light Bracket (RH)	1
13	 Numberplate Bracket	1	14	 Pinch mould (2400mm)	

Fitting instructions

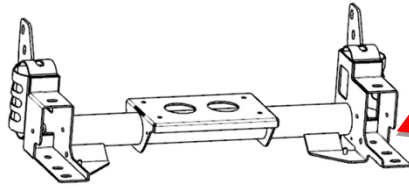
Item	Description	Qty
15	Hexagonal head bolt M6X25	22
16	Hexagonal head bolt M10X1.25X35	2
17	Hexagonal head bolt M12X170	2
18	Hexagonal head bolt M12X35	6
19	Hexagonal head bolt M14X1. 5X80	4
20	Lock head bolt M6X16	2
21	Hexagonal head Nut M6x1	4
22	Hexagonal head Nut M12x1.75	12
23	Lock Nut M10x1.25	2
24	Spring Washer D6	24
25	Spring Washer D12	14
26	Spring Washer D14	4
27	D6x18 Washer	18
28	D6x12 Washer	10
29	D10x20 Washer	4
30	D12x32 Washer	20
31	D14x37 Washer	4

Remove front bumper and accessories

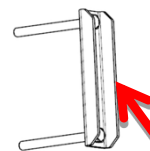
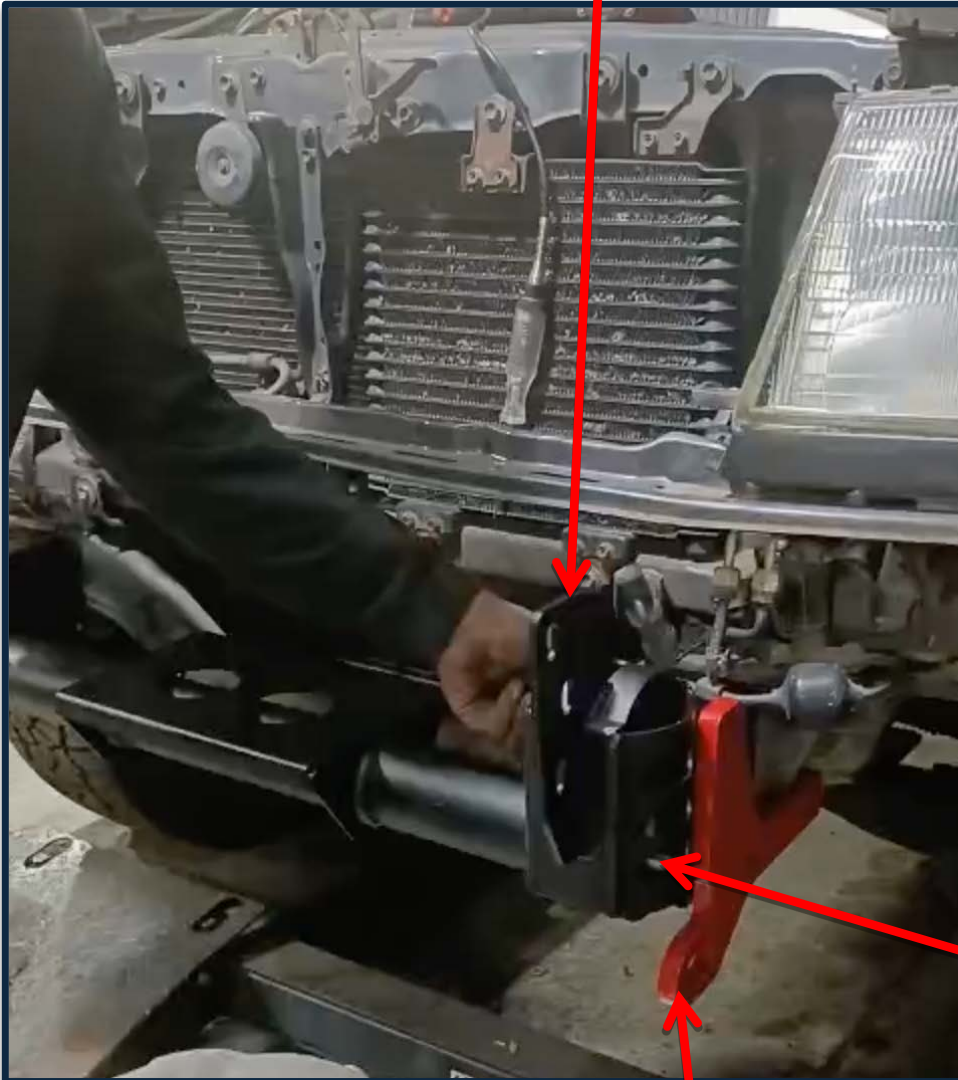


Fitting instructions

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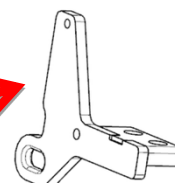


Item 2: Winch Frame



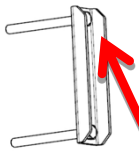
Item 9: M12*130 Bolt Plate

Item 5: Recovery Point (RHS)

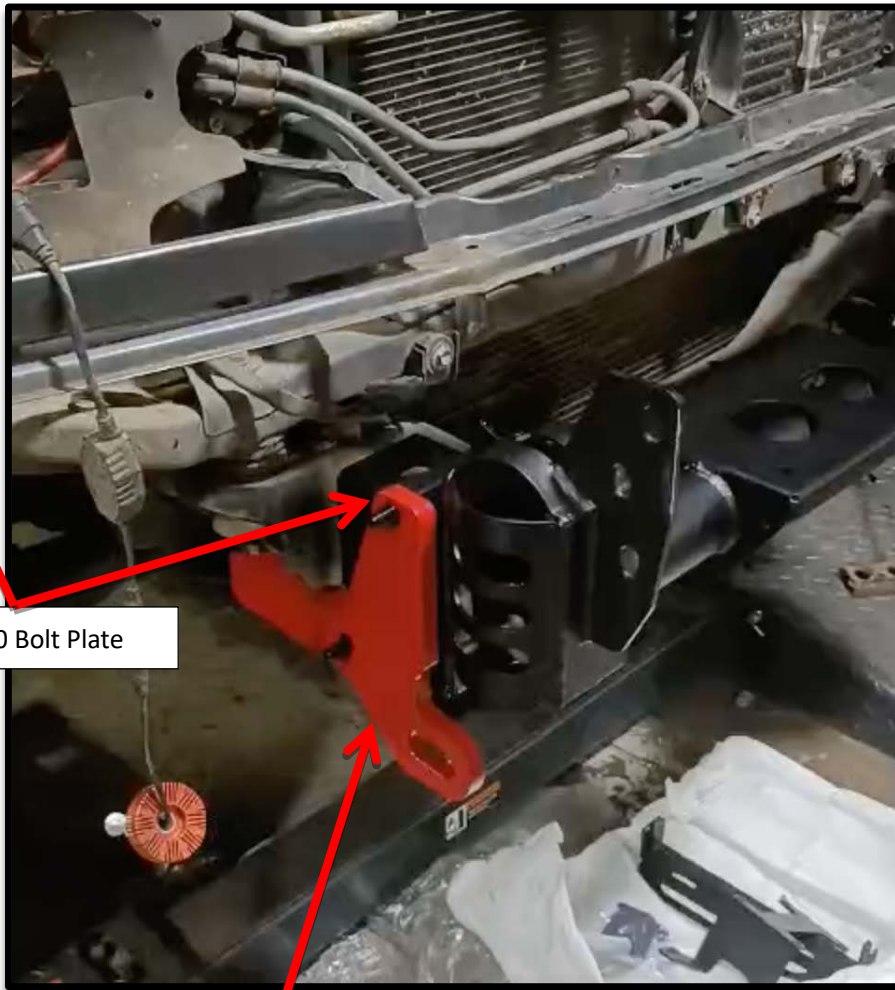


Fitting instructions

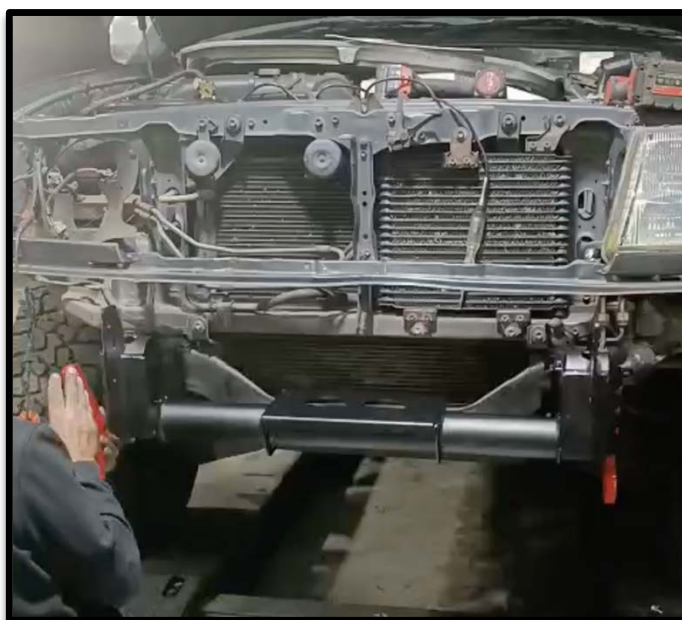
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Item 9: M12*130 Bolt Plate



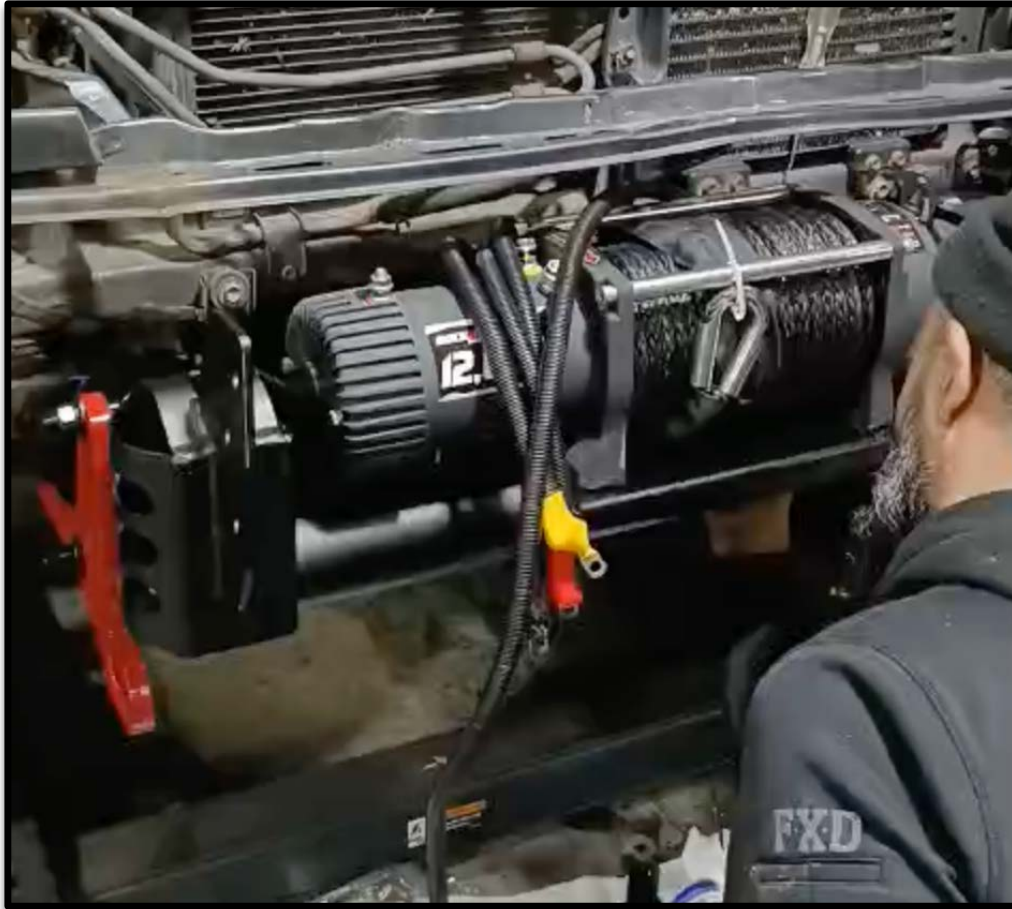
Item 6: Recovery Point (LHS)



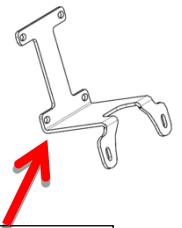
Fitting instructions

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**Optional – Mount Winch Once
Winch Cradle has been installed**



**Test and wire winch according to
the installation Manual**



Item 10: Control Box Bracket

**Please note: Installation may differ between
Winch brands, some additional
modifications may be needed depending on
the differing winch brands as these may all
differ in sizes and configurations.**

**Align and install the bullbar to the
Winch Cradle**



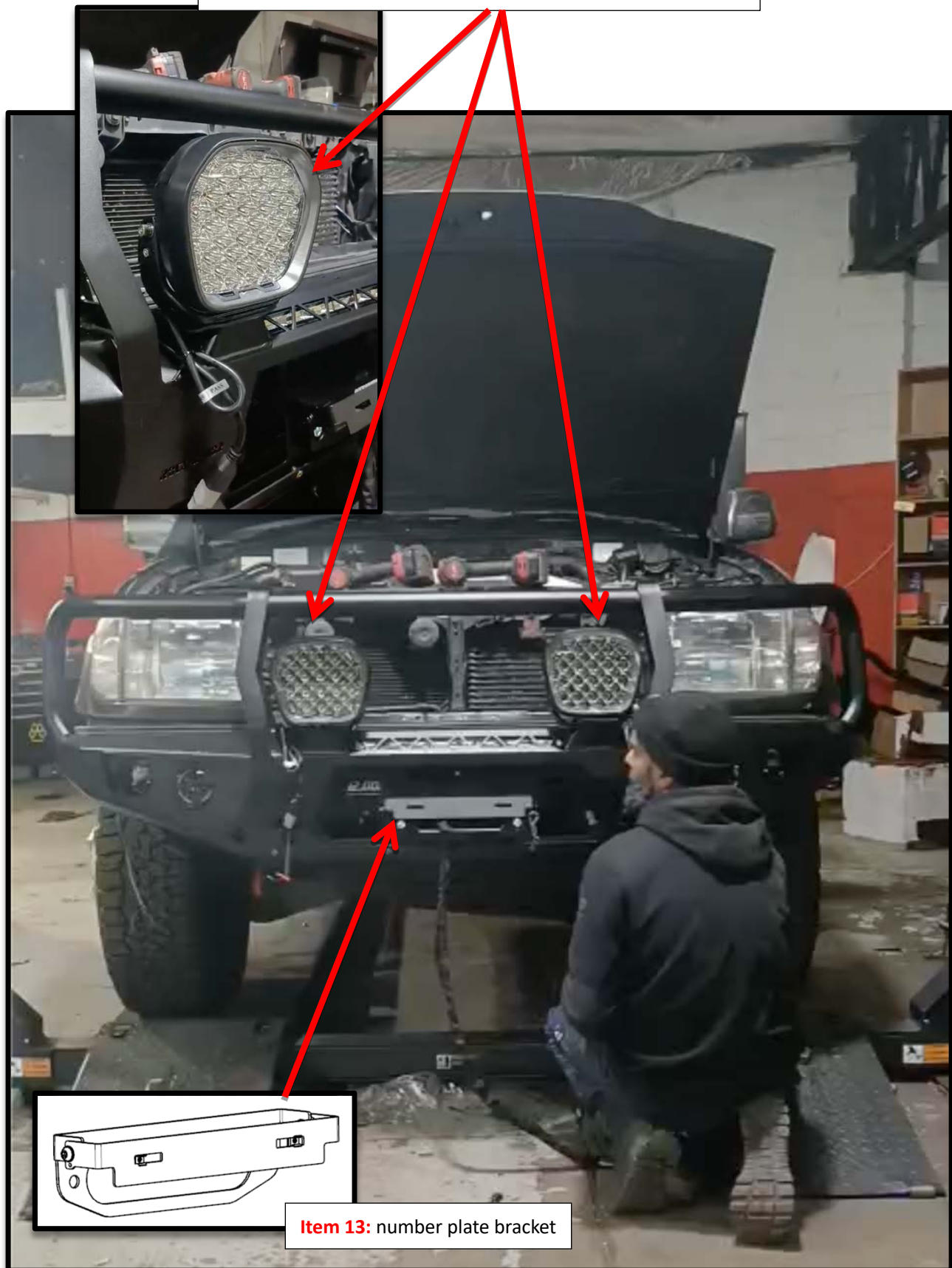
**Install Pinch Weld and leave gap approx. 15-
20mm between Bullbar and Body Panel**

Item 14: Pinch Weld

Fitting instructions

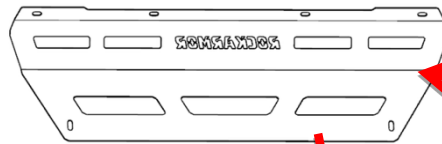
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Option – If installing Spot lights, it may be easier to install prior to installation of the bullabr



Fitting instructions

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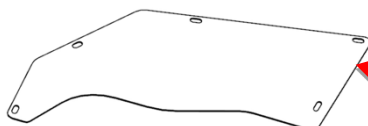
Item 3: Bash Plates (Centre)



Item 7: Bash Plates Bracket (LHS)



Item 7: Bash Plates Bracket (RLHS)

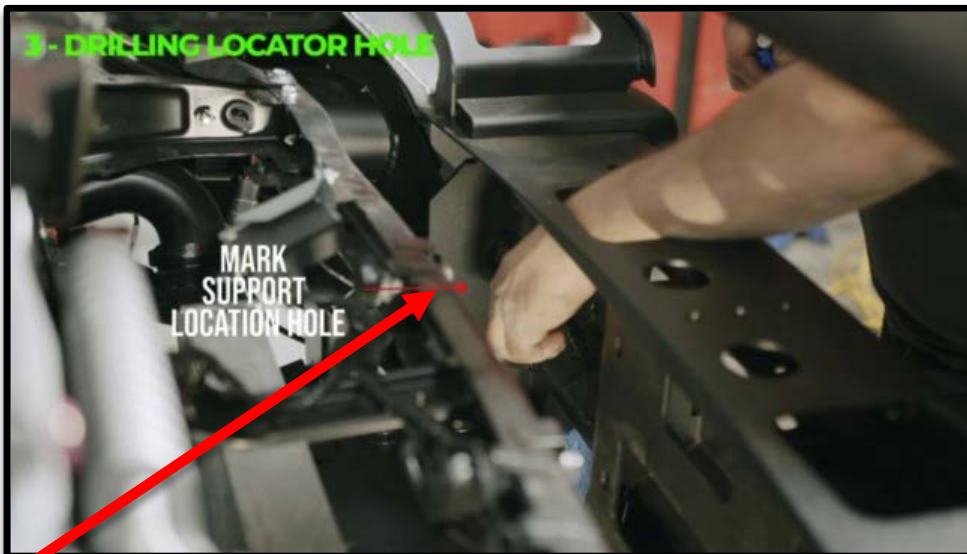


Item 3: Bash Plates (RHS) & (LHS)

VERY IMPORTANT: Securing the Bullbar locator

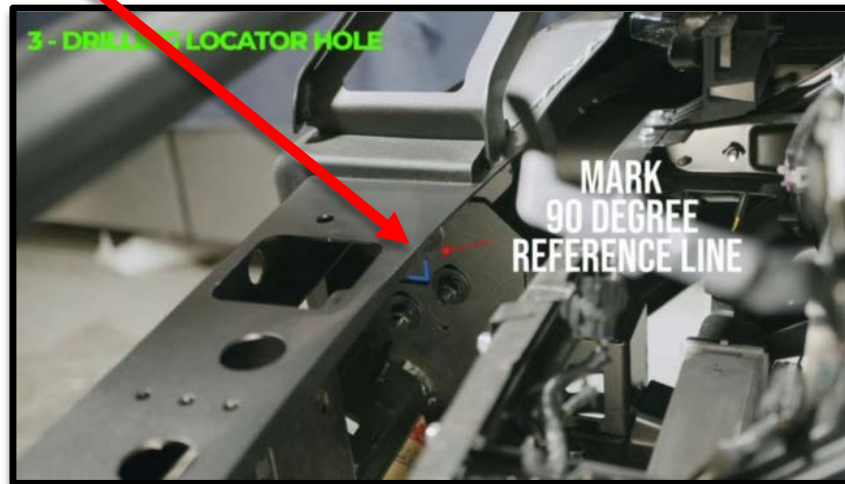
Please note the following section is a generic part of the installation that is needed in the installation of all GT bullbar's and thus photos of the bar may differ in the installation process.

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.



Fitting 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

Fitting instructions

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Drill the locator hole as marked



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



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.

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.