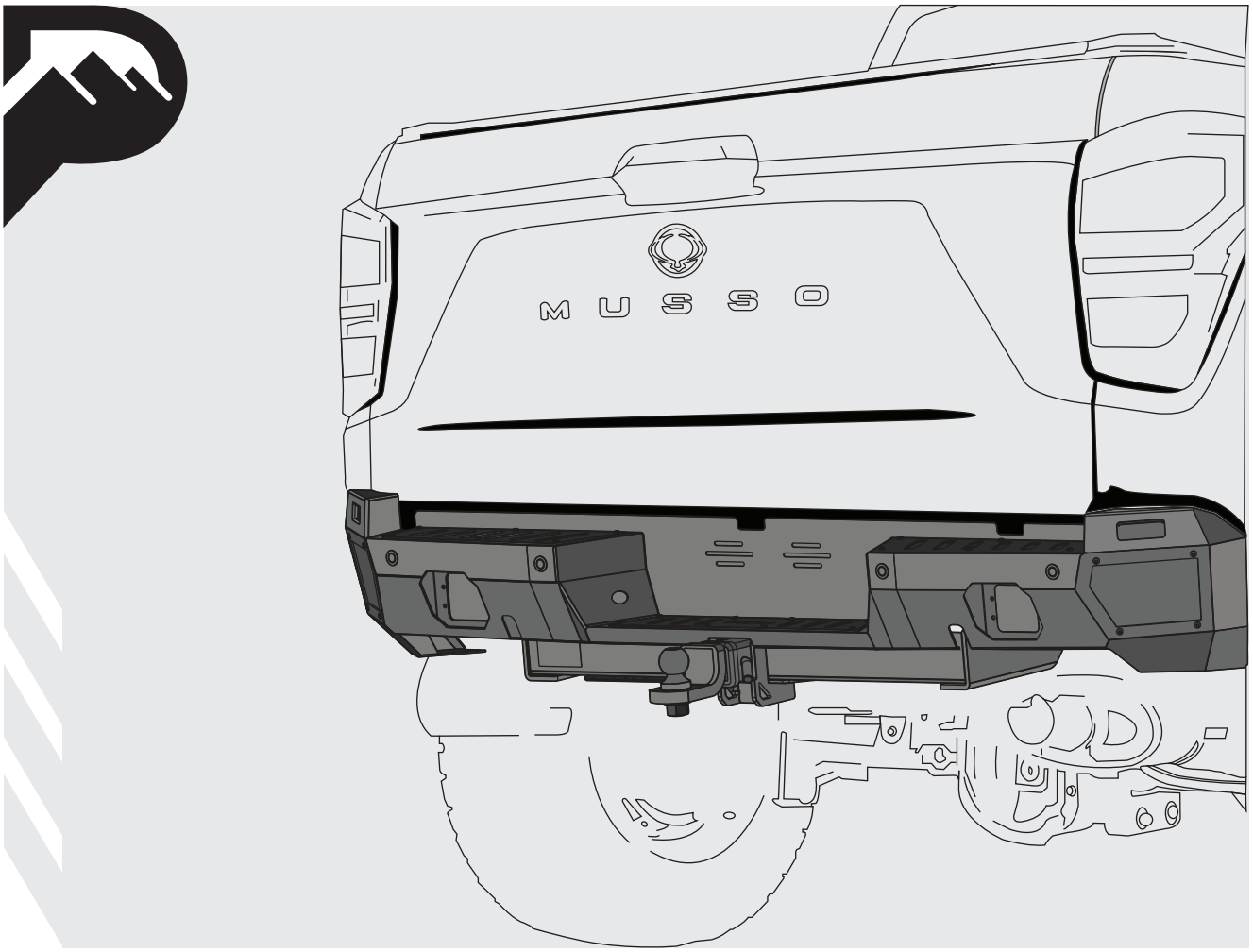
This Product Must Not Be Modified | Approx Install Time : 4Hrs



PEAK
TOWBAR MUSSO
REAR BAR HARDWARE LWB / SWB

Installation Manual

SSANGYONG MUSSO

IMPORTANT :

Rear Bar Musso installations should only be done by a qualified person and it is the responsibility of this person to ensure correct fitment

DISCLAIMER

Important Notice Regarding Installation and Warranty

Thank you for choosing the PEAK REAR BAR MUSSO This manual contains essential instructions for proper installation and usage. It is of utmost importance that you carefully read and follow these guidelines. Additionally, we want to emphasize the critical role of experience and expertise in installing this rear bar correctly.

Experienced Installation

Installing a rear bar requires a certain level of technical skill and knowledge. We strongly recommend that the installation be carried out by a qualified professional who has experience with vehicle modifications and rear bar installation. Incorrect installation can lead to safety hazards and vehicle damage.

Voidance of Warranty

Please be aware that improper installation, use of unauthorized parts, or installation by unqualified individuals can void the warranty of the rear bar and associated components. Any damage resulting from improper installation or use will not be covered under warranty.

Liability and Responsibility

We, the manufacturer, cannot be held responsible for any damage, injury, or loss caused by improper installation, modification, or usage of this product. It is the responsibility of the installer and the vehicle owner to ensure that installation is conducted according to the instructions provided in this manual.

Safety First

Your safety and the safety of others on the road are paramount. If you are not confident in your ability to install the rear bar correctly, or if you lack experience in vehicle modifications, we strongly recommend seeking assistance from a certified professional.

Professional Installation Recommended

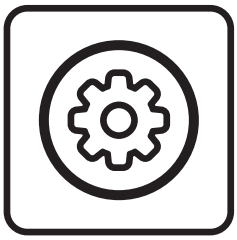
To ensure optimal performance, safety, and warranty coverage, we strongly advise having your rear bar installed by a qualified technician who is knowledgeable about rear bar installations and adheres to industry standards.

By proceeding with the installation of this rear bar, you acknowledge that you have read and understood this disclaimer, and you accept full responsibility for the installation process and its outcomes.

If you have any questions or concerns, please contact our customer support team before proceeding.

Thank you for choosing our product, and we appreciate your commitment to safety and quality installation.

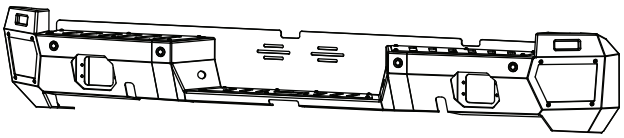
SAFETY PPE

 **Ear Protection**	Always wear ear protection when using power tools.
 **Safety Glasses**	Ensure eye protection is always worn when cutting or drilling.
 **Manual Handling**	Do not attempt to lift bar assemblies or rock sliders on your own. Always use two people to lift or use mechanical Lifting aid such as hydraulic lifting trolley.
 **Vehicle Support**	Always ensure vehicle is properly supported when working on it. Do not attempt to fit products whilst supension work is being carried out.Do not work under a vehicle supported only by a jack.

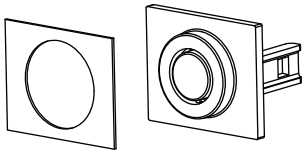
SUPPLIED HARDWARE COMMON

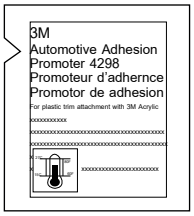
Peak Rear Bar Musso x 01

*Factory Installed



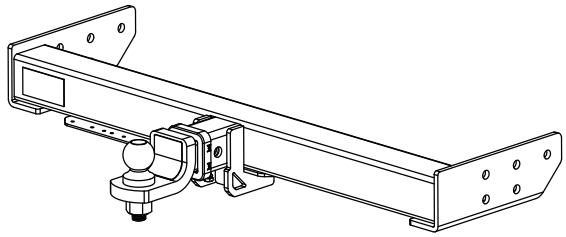
Sensor Mounting Kit x 04



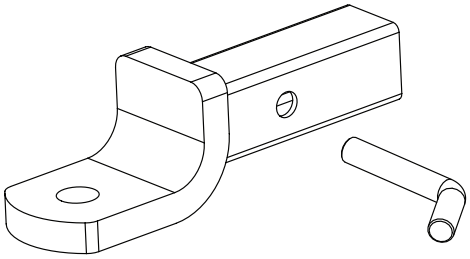


3M TAPE T0.8 MM. SOCKET SENSOR 3M PRIMER = 1 PCS.

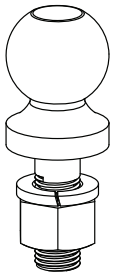
Peak Towbar Musso x 01



Hitch Tongue x 01

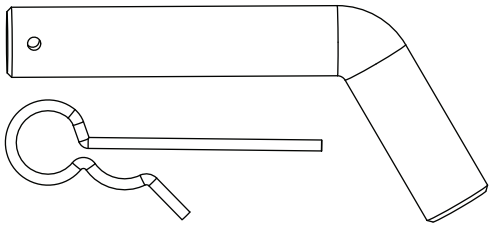


Steel Ball x 01

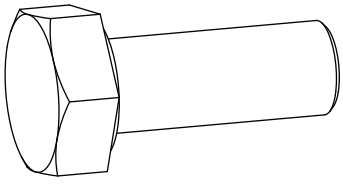


STEEL BALL = 1
SPRING WASHER M22 = 1
HEX NUT M22 x 2.5 MM. = 1

Clip / Pin Lock x 01



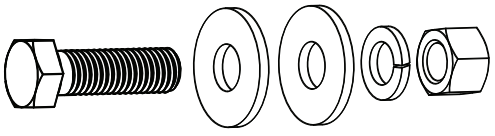
Hex Bolt x 01



BOLT M 8 x 1.25 X 20 MM. = 1

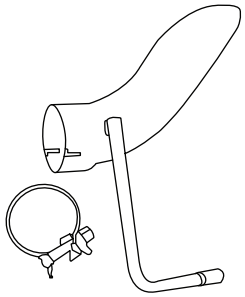
Hex Bolt x 12

Ⓗ



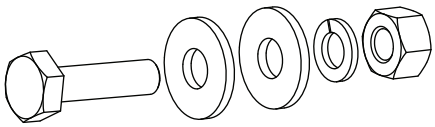
BOLT M14 x 2 x 50 HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

EXHAUST KIT x 01



Hex Bolt x 12

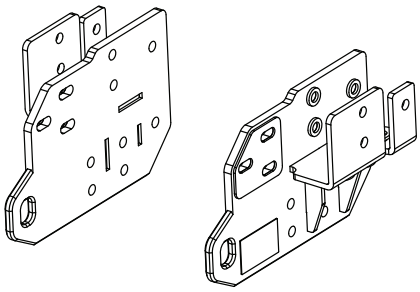
Ⓘ



HEX BOLT M12 x 1.75 x 45 MM. = 12
SPRING WASHER M12 = 12
WASHER M12 (OD 36 ID 14 T 4 MM. = 24
HEX NUT M12 x 1.75 MM. = 12

SUPPLIED HARDWARE - SWB SPECIFIC

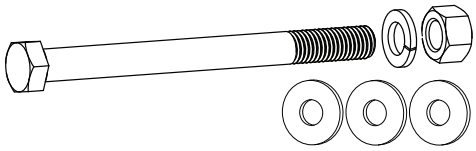
Rear Bar Hardware Swb LH - RH x 01



1 SET

Hex Bolt x 06

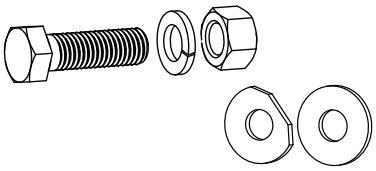
Ⓐ



BOLT M14 x 2 x 140 THREAD 40 MM. HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

Hex Bolt x 06

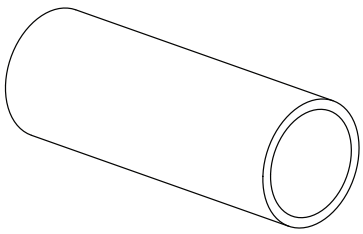
Ⓑ



BOLT M14 x 2 x 50 HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

Pipe x 06

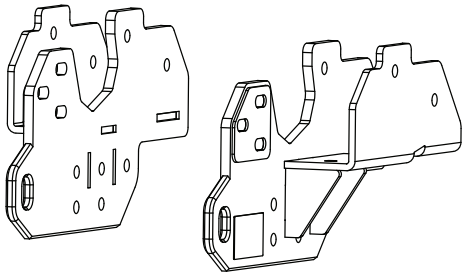
Ⓒ



PIPE OD 25.0 T 2 MM. L 62 MM.

SUPPLIED HARDWARE - LWB SPECIFIC

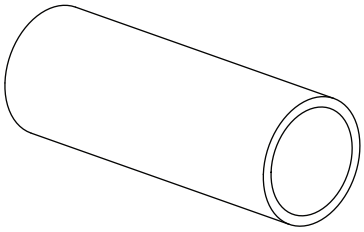
Rear Bar Hardware Lwb LH - RH x 01



1 SET

PIPE x 02

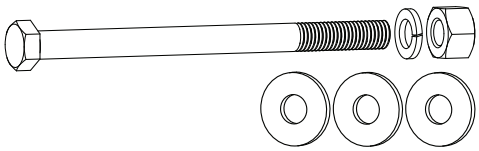
Ⓓ



PIPE OD 25 ID 21 T 2 MM. L 70 MM.

Hex Bolt x 04

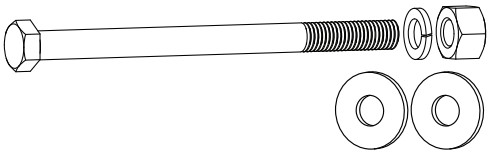
Ⓔ



BOLT M14 x 2 x 140 THREAD 40 MM. HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

Hex Bolt x 02

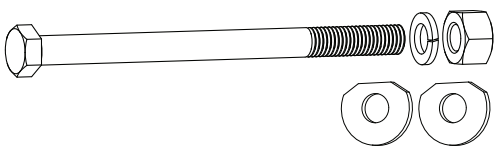
Ⓕ



BOLT M14 x 2 x 160 THREAD 42 MM. HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

HEX BOLT x 02

Ⓖ



BOLT M14 x 2 x 200 THREAD 43 MM. HEAD 22 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
WASHER M14 OD 37.5 ID 14.5 T 3 MM.
SPRING WASHER M14 OD 24 ID 14.5 T 3.5 MM.
NUT M14 x 2 HEAD 22 MM.

REAR BAR MUSSO FITTING

Part 1

Removal of Original Bar & Components

1. Remove the mudflaps and screws from the wheel well.

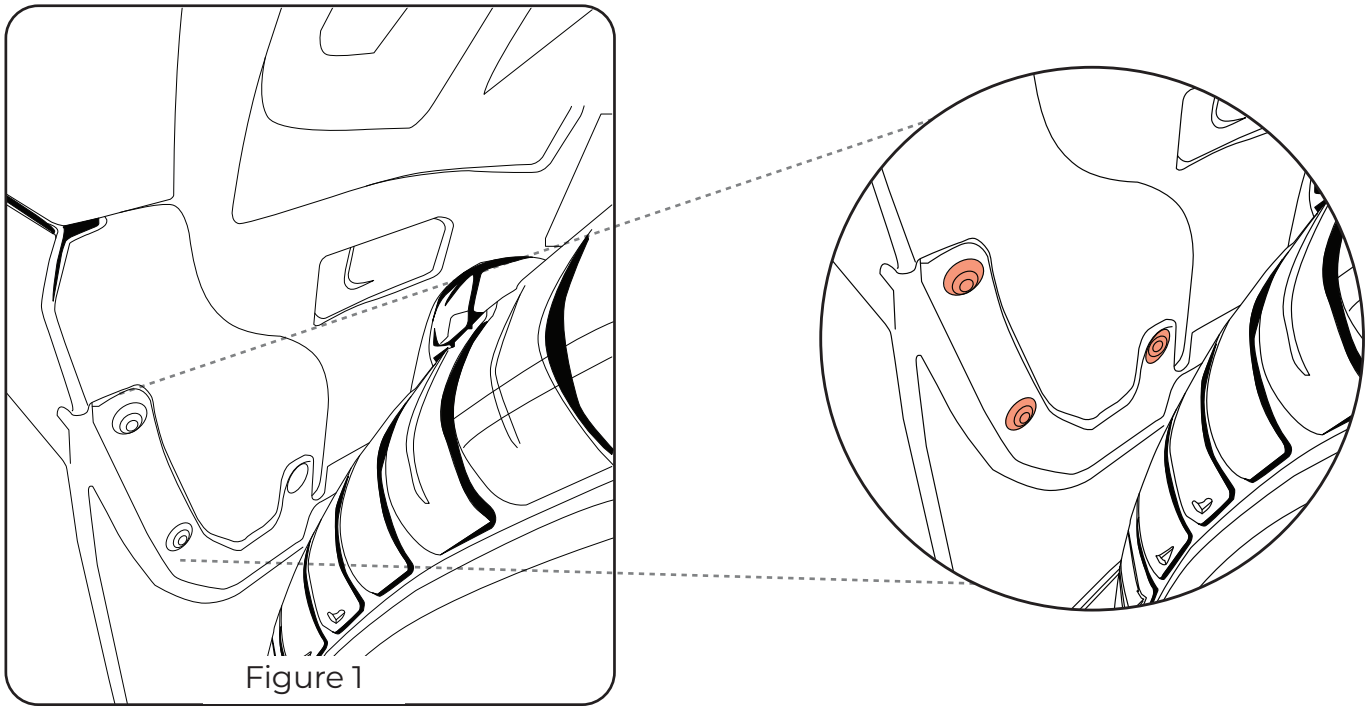


Figure 1

2. Detach the two retaining nuts located underneath the rear bumper.

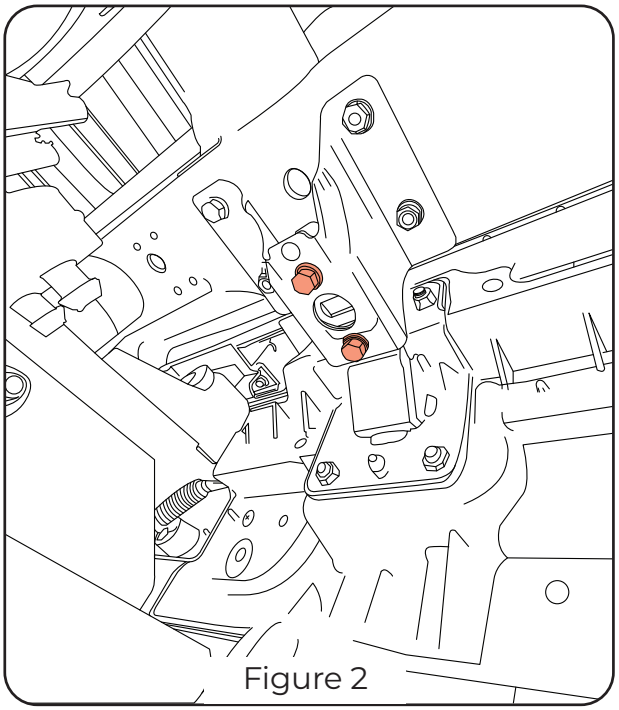


Figure 2

3. Disconnect the two wiring looms.

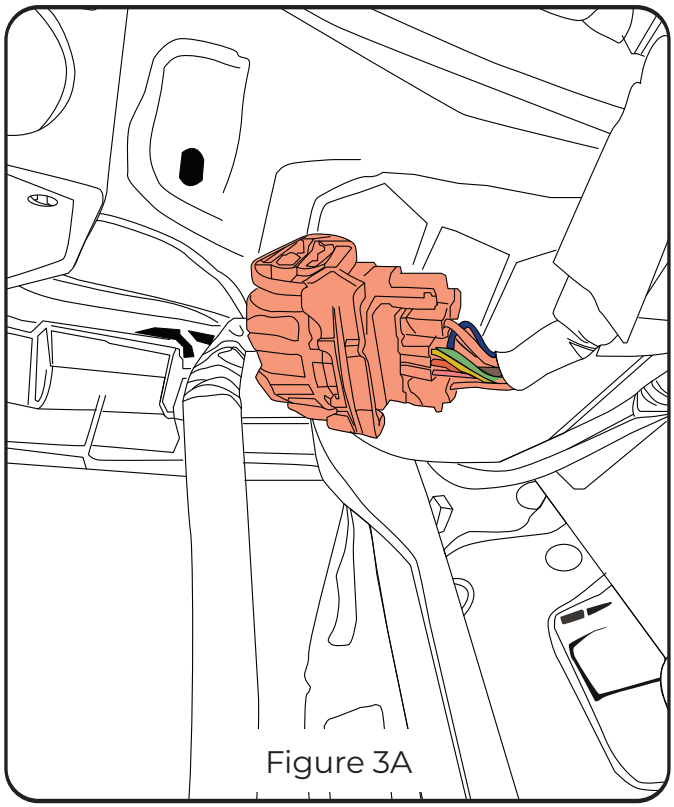


Figure 3A

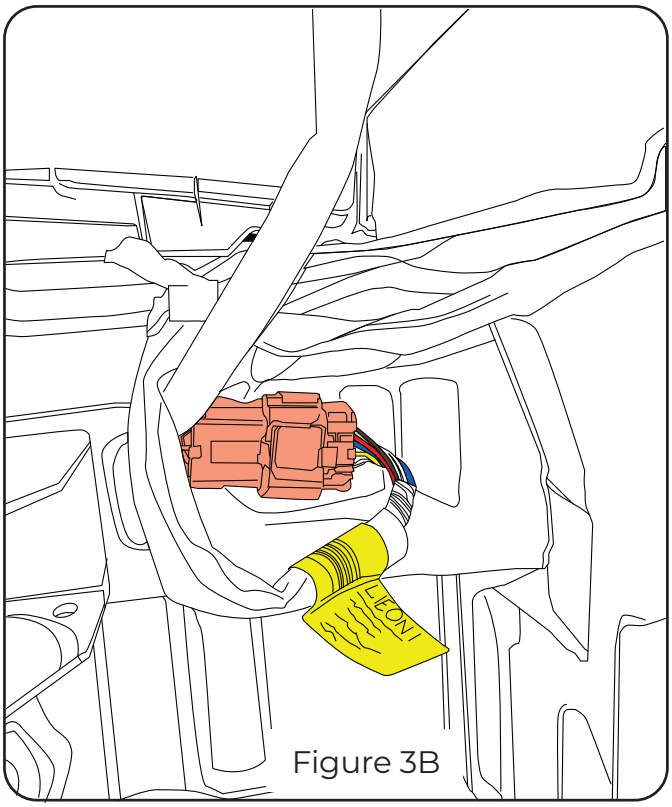


Figure 3B

4. Remove the rear bar from the vehicle.

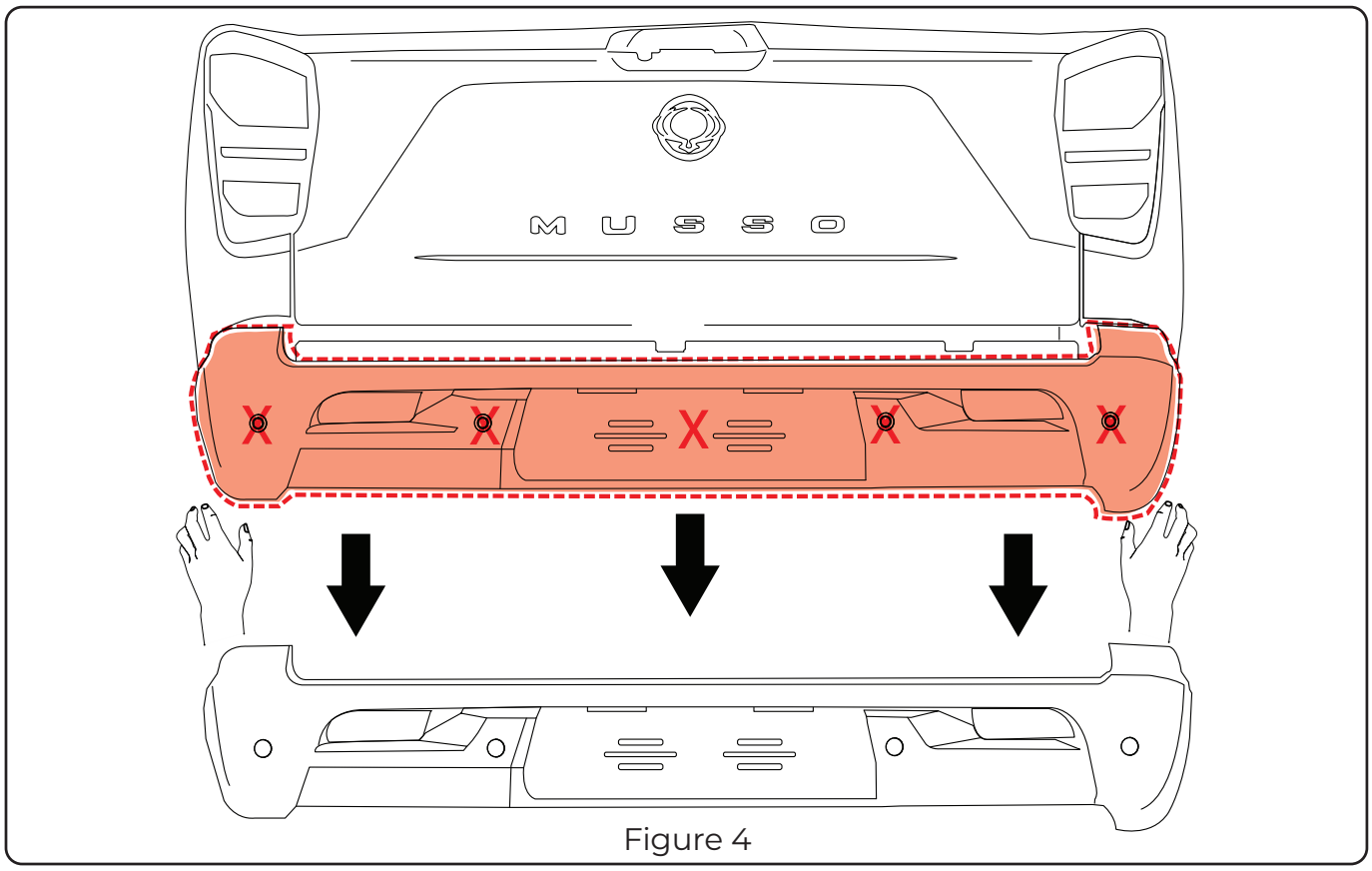


Figure 4

5. Detach the corner brackets.

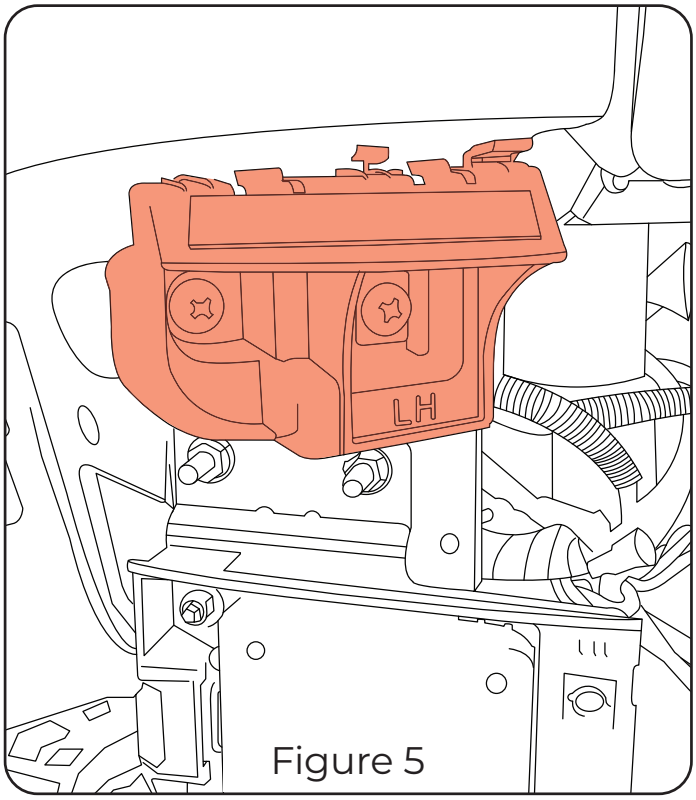
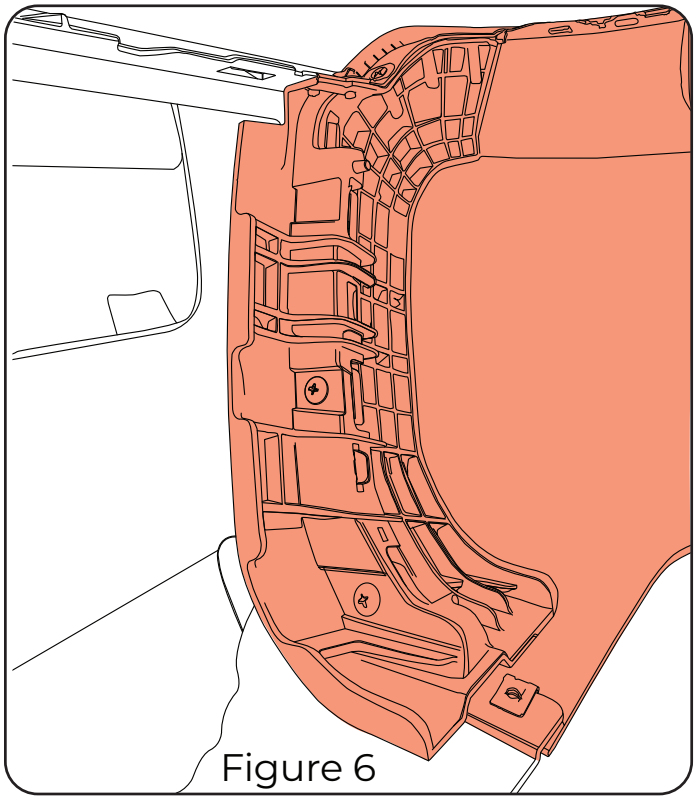


Figure 5

6. Separate the rear section of the bar from the side sections.


Figure 6

7. Trim the edges of the side sections as required.

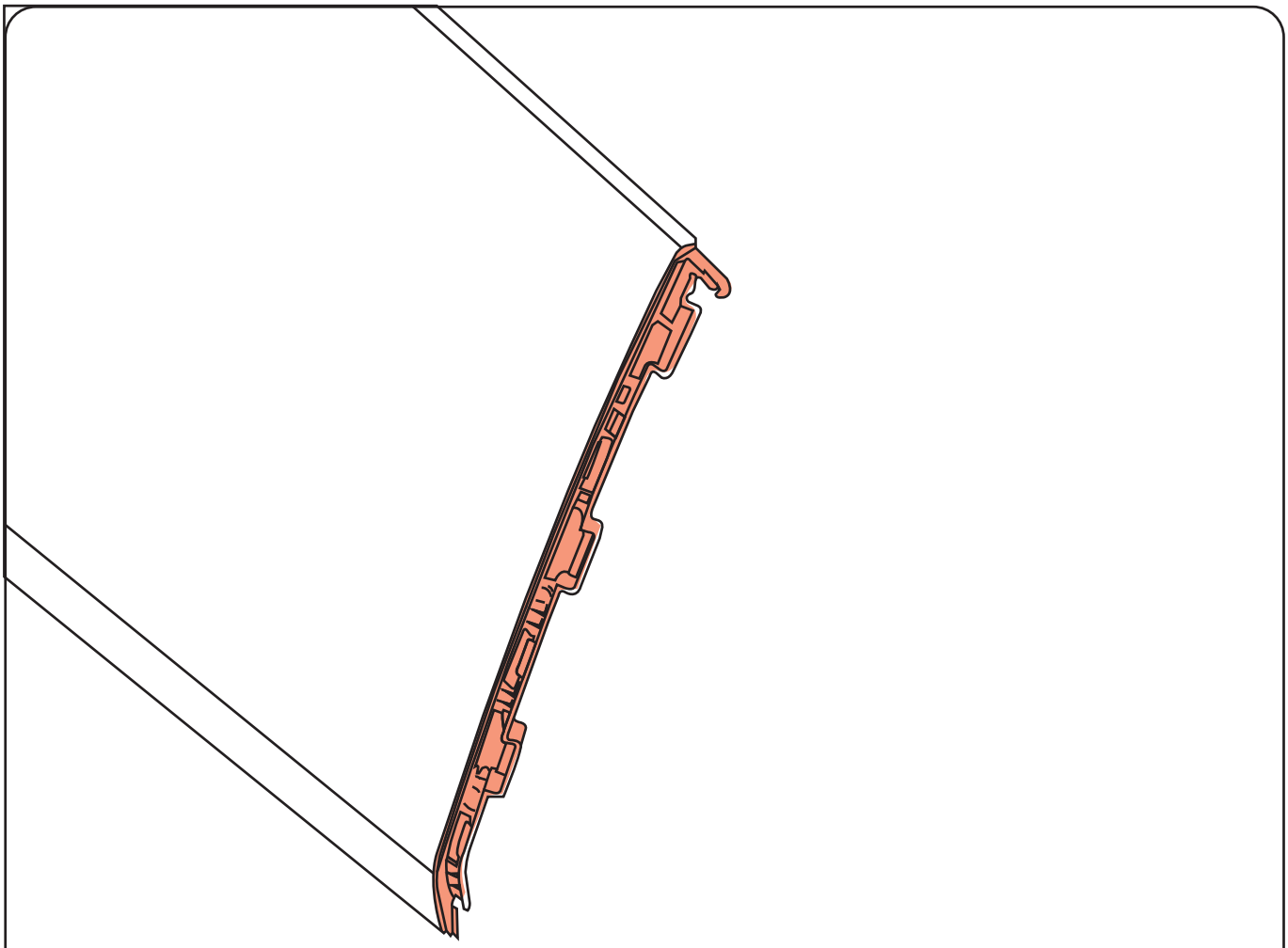


Figure 7

8. Reinstall the side sections onto the vehicle.

9. Prepare the exhaust dump pipe for replacement: Test-fit the supplied dump pipe, mark the intersection with the original pipe, and trim the excess.

Leave at least 30mm of the original pipe from the muffler to ensure a sufficient clamping surface.

Part 2

Rear Bar Preparation

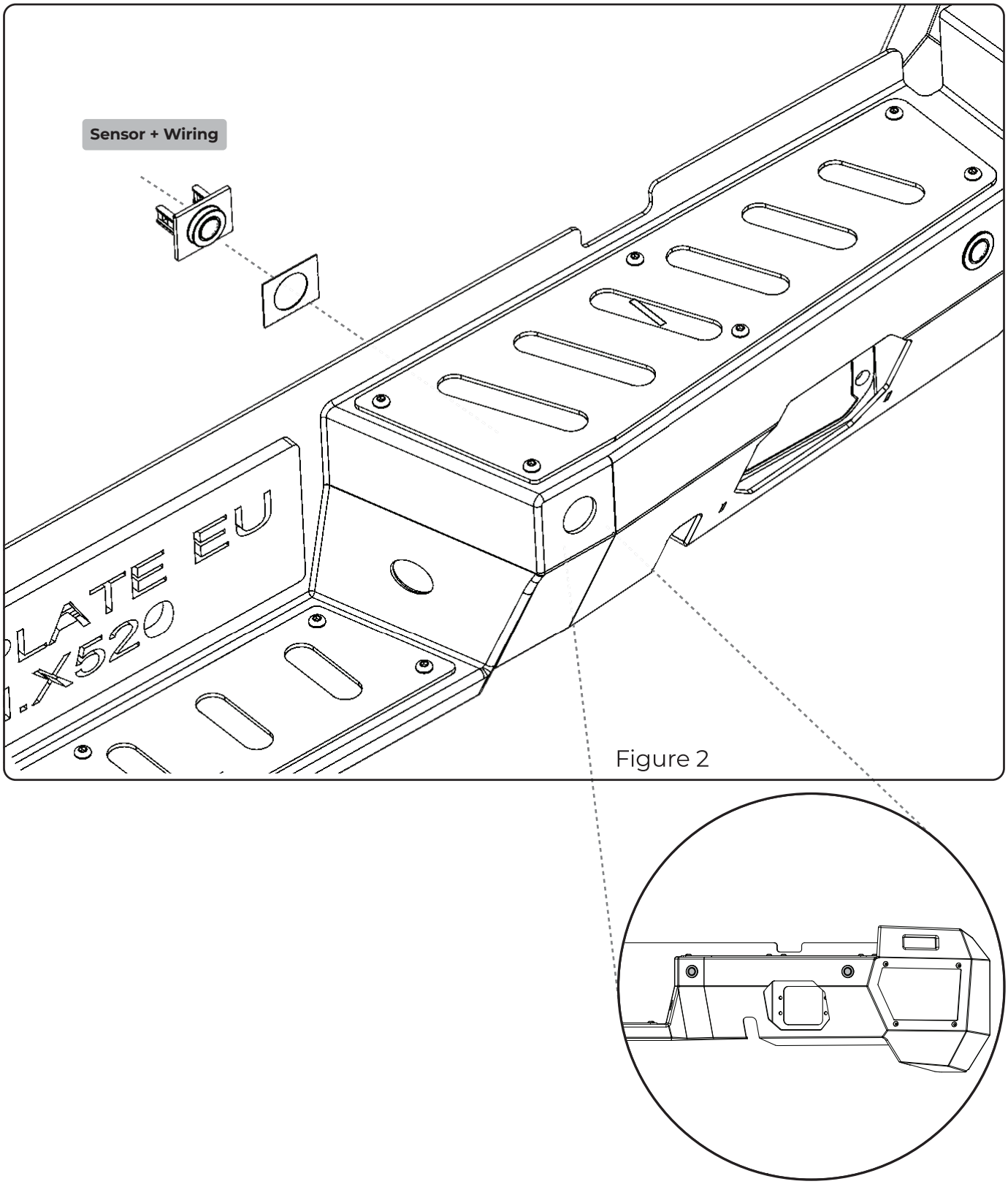


Figure 2

Important

*Apply 3M PRIMER to the bumper before attaching the 3M tape.

Part 3

Installation Chassis Bracket - LWB Specific

1. Insert the bolt M14 x 2 x 140 as shown by arrow E and the crush tube as shown by arrow D.

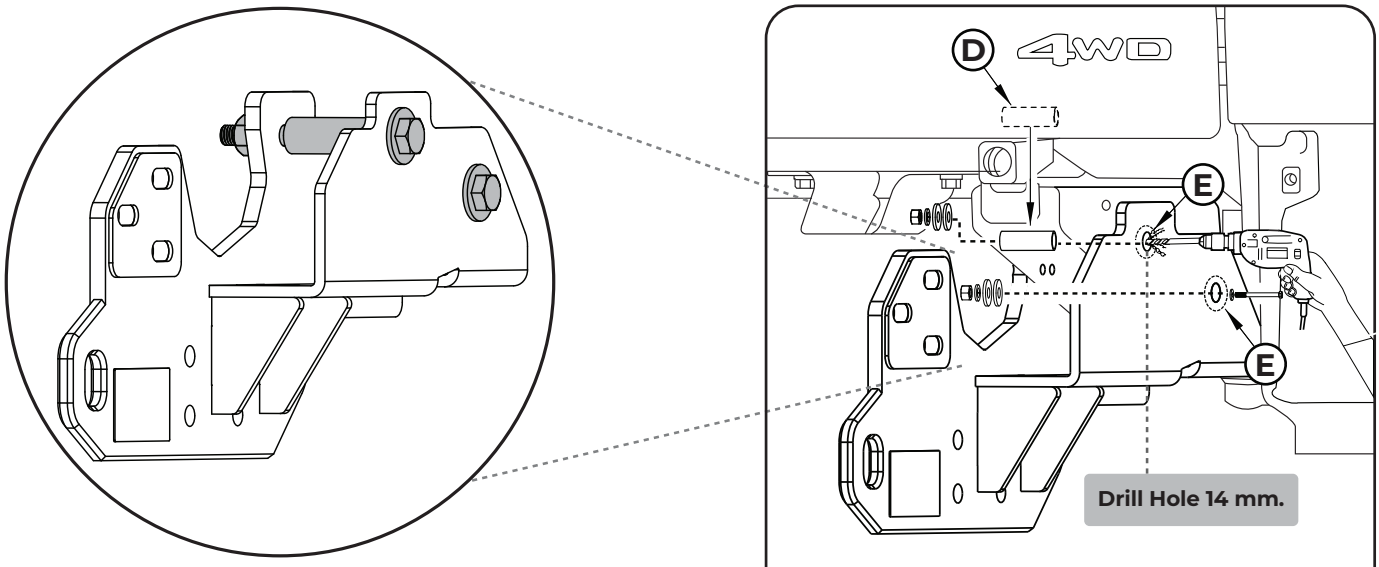


Figure 3

2. Insert bolt M14 x 2 x 160 thread 42 mm. head 14 mm. for installation according to arrow F. on both sides, and insert bolt M14 x 2 x 200 thread 43 mm. head 22 mm. for installation according to arrow G.

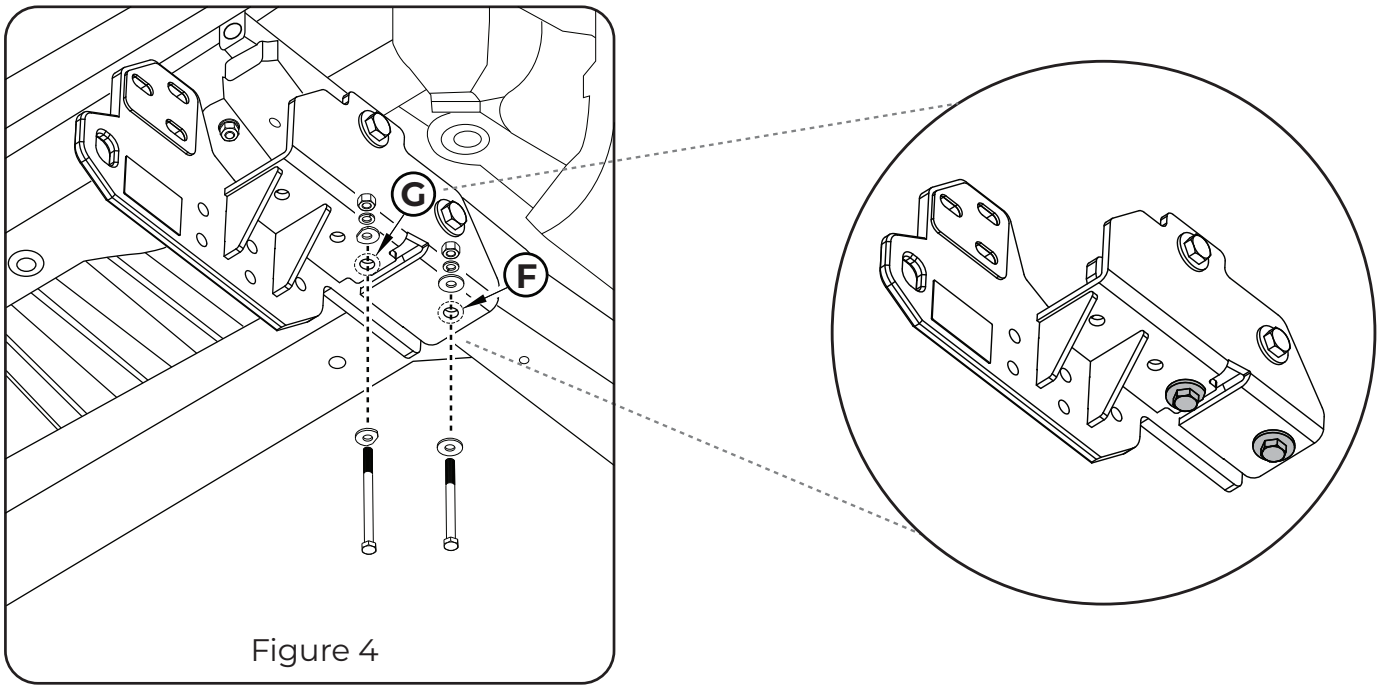


Figure 4

Installation Chassis Bracket - SWB Specific

1. Insert bolt M14 x 2 x 140 thread 40 mm. head 14 mm., as shown by arrow A, and the crush tube as shown by arrow C,

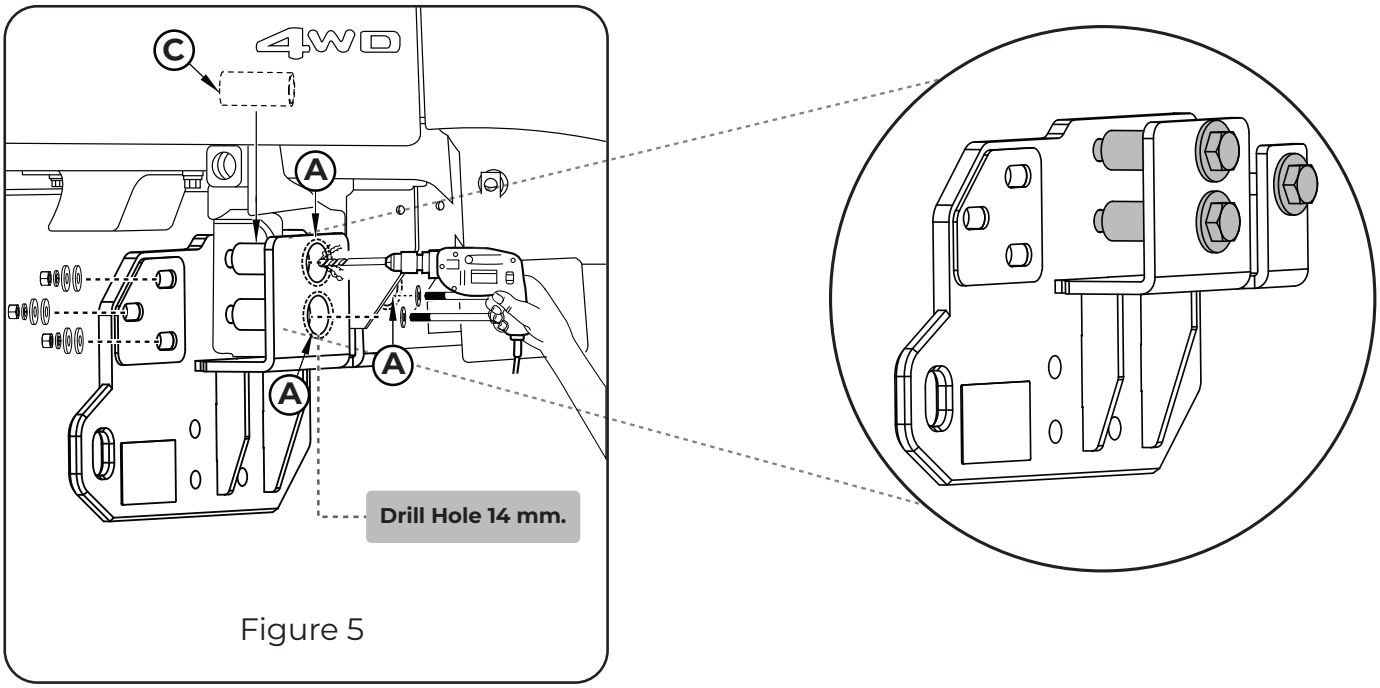


Figure 5

2. Insert bolt M14 x 2 x 50 head 14 mm. as shown by arrow B, for both the LH and RH sides.

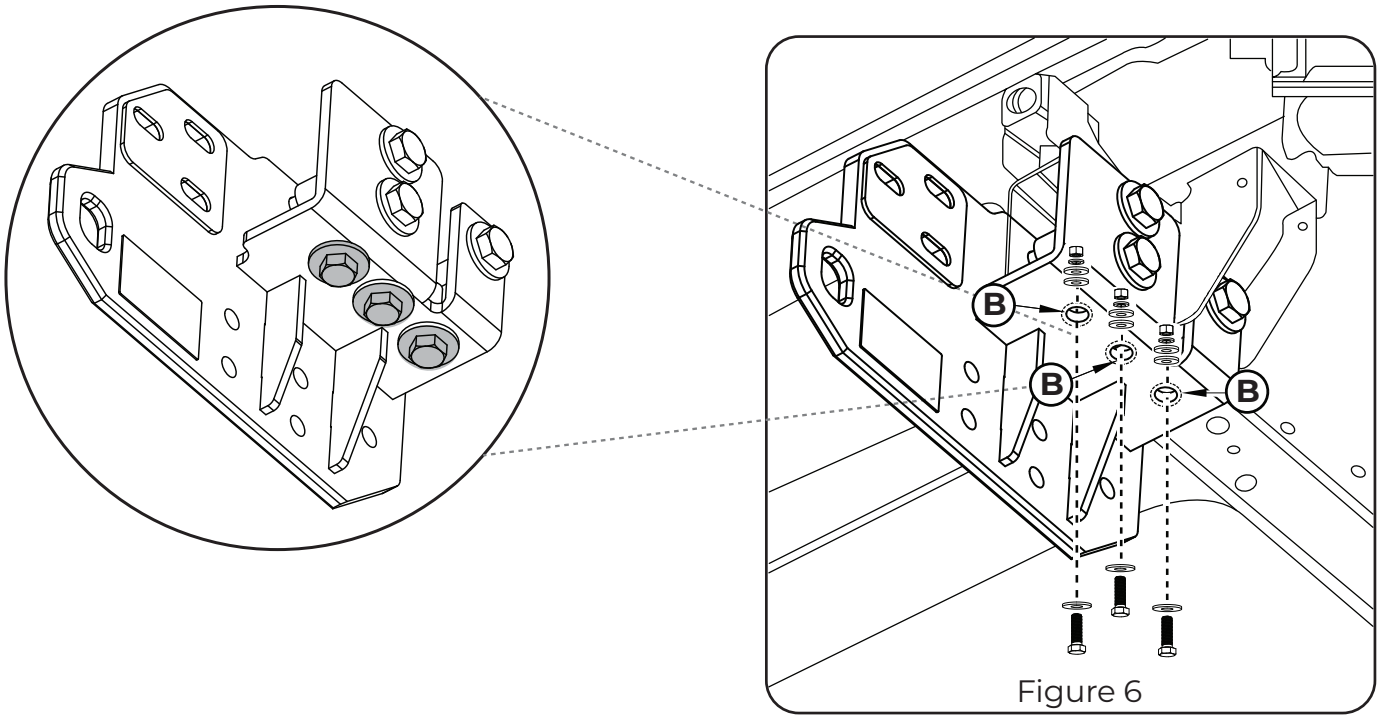
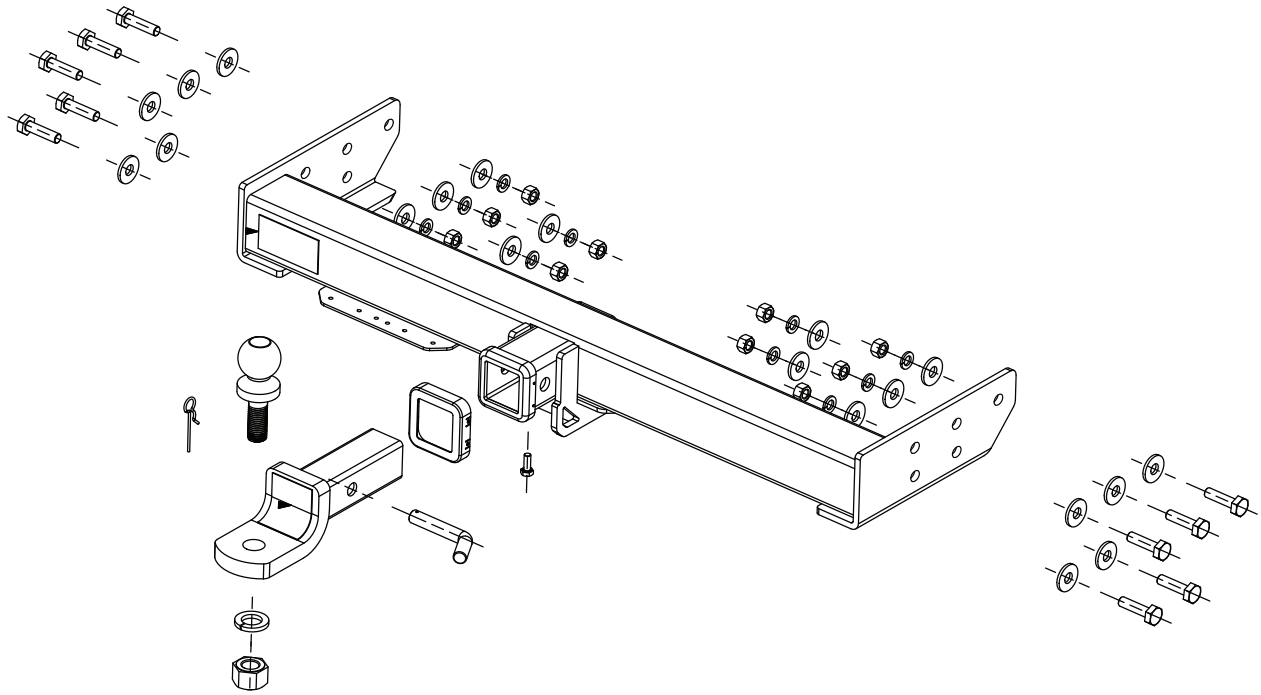


Figure 6

Part 4

Installation of Towbar



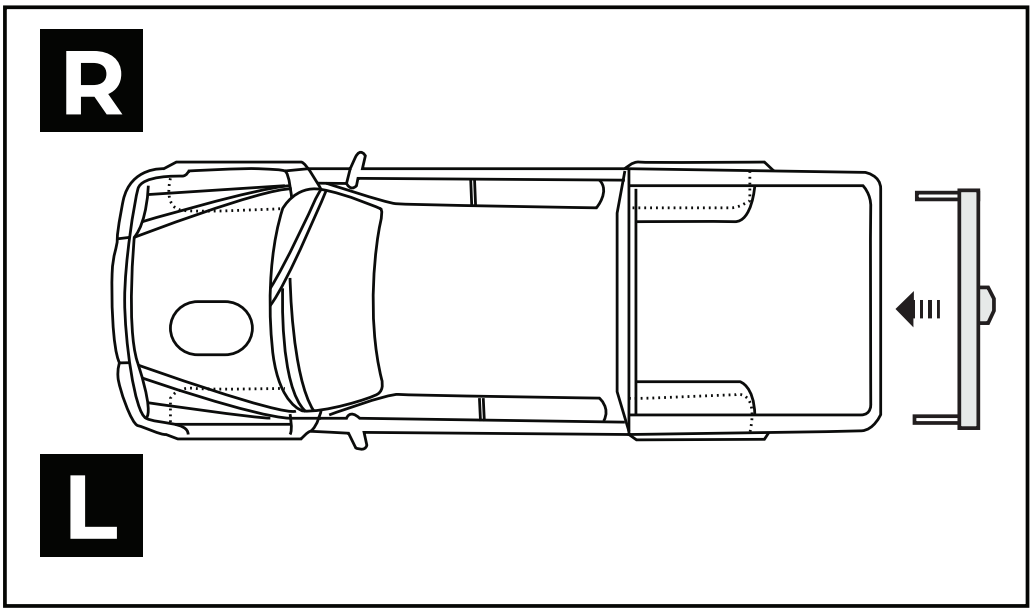


Figure 9

Use a bolt M14 x 2 x 50 head 22 mm.

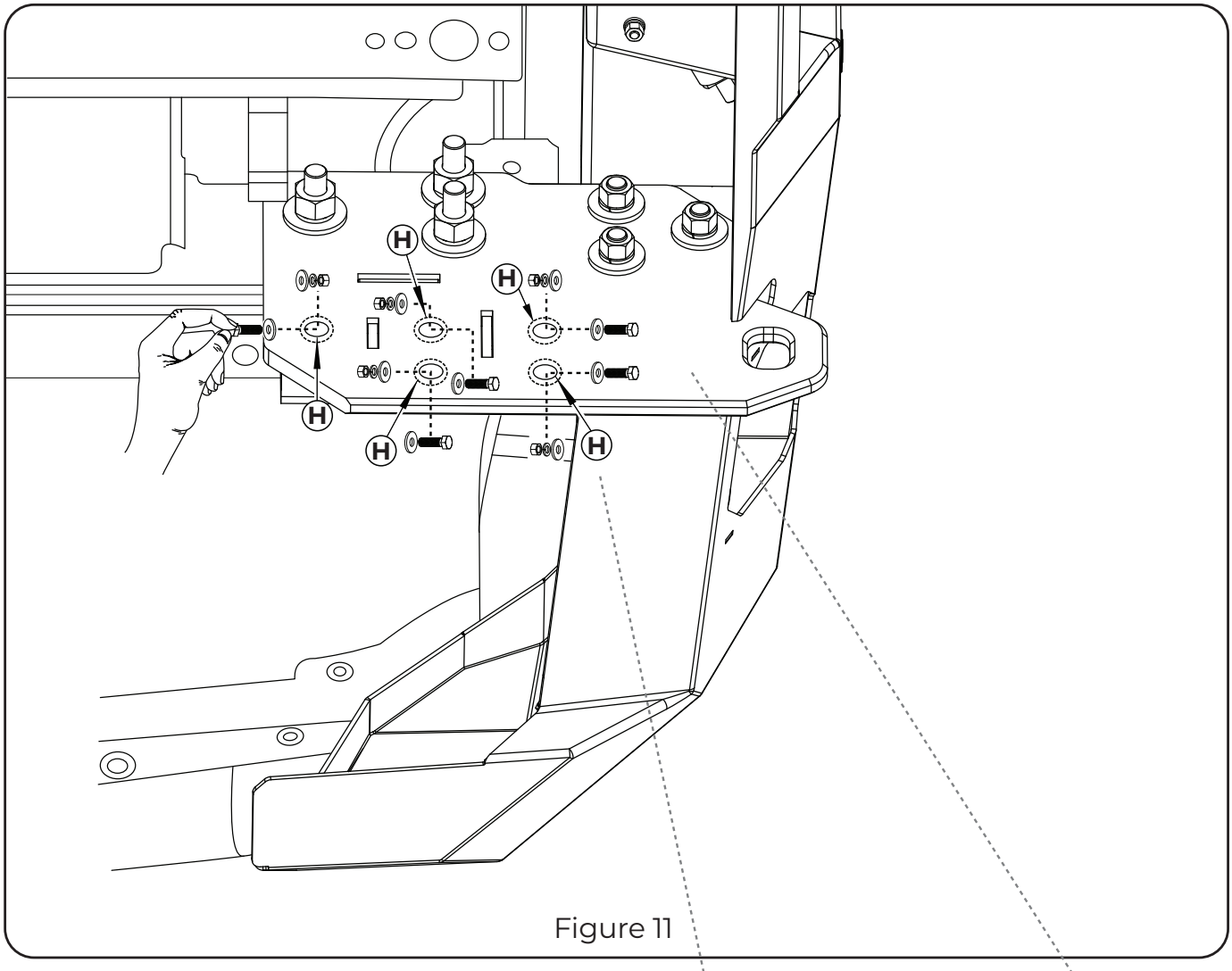
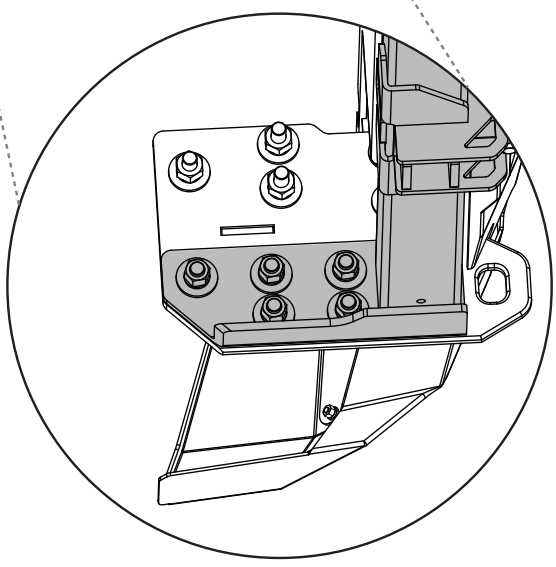


Figure 11



***FOR REAR BAR HARDWARE LWB / SWB**

3. When the rear bumper is in position use the hex bolt M12 x 1.75 x 45 mm. as shown in the pictures and tighten it on both the LH and RH sides.

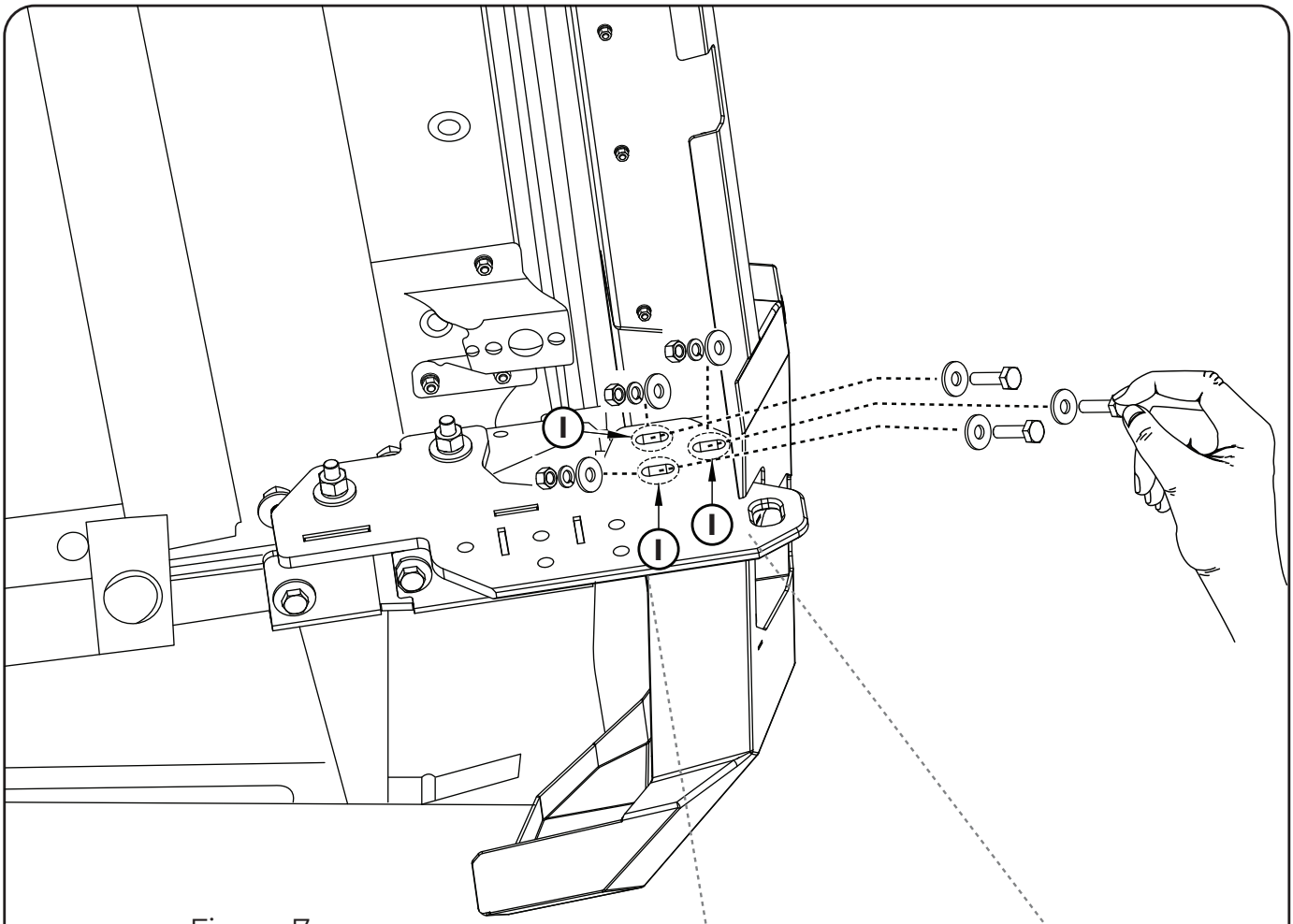
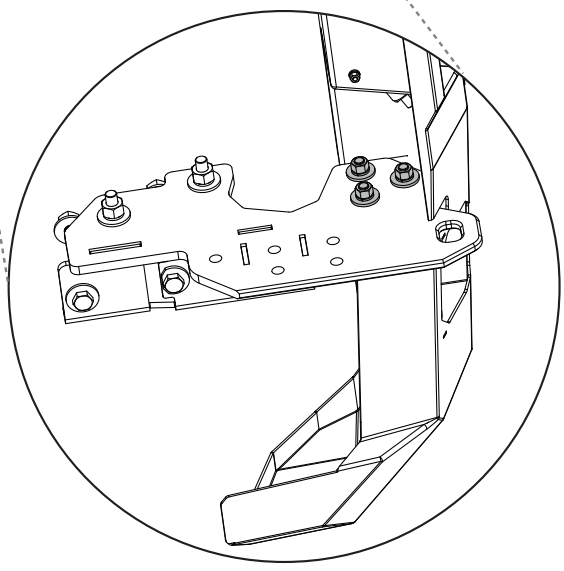


Figure 7



Nighthawk Rear Bar & Tow' by PEAK

www.peak4x4.com.au | info@peak4x4.com.au