



FITTING INSTRUCTIONS



PRODUCT :

PIAK GENESIS REAR BAR

VEHICLE MODEL :

MITSUBISHI TRITON 2024

PRODUCT PART NUMBER :

PK204MT24G_RMB

PK204MT24G_RBO

FITTING TIME :

Approx. 1 hours 30 minutes

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TOW BAR SAFETY NOTICE :

INSTALLATION SHOULD ONLY BE DONE BY APPROPRIATELY QUALIFIED OR EXPERIENCED PERSONS IN ACCORDANCE WITH THESE INSTRUCTIONS.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE THAT THE PRODUCT IS CORRECTLY FITTED.

WARNING:

Do not attach the tow bar to the vehicle using fasteners other than provided.

Do not use this product for any vehicle make or model, other than those specified.

Do not remove the plaque or label from the tow bar.

Do not modify the structure of the tow bar in any way.

This product has been produced to provide continued functionality of parking sensors and other “driver assist” features as closely as possible to Original Equipment. However, as all possible road conditions and combination of other accessories fitted to the vehicle which may affect functionality characteristics cannot be anticipated, **the driver remains responsible at all times for properly controlling the vehicle, monitoring all “driver assist” features and intervening where required to ensure the vehicle is safely operated.**

This product is for towing purposes only. Exceeding the specified towing capacity of the vehicle is dangerous and can void vehicle warranties. Please always refer to the vehicle owner's manual or the manufacturer for towing capacity specifications.

IMPORTANT INFORMATION :

Before installing the product :

Check that all components, as listed in the assembly table, are available.

Thoroughly read all instructions.

This product or its fasteners must not be modified in any way.

These instructions are accurate as at the revision date and do not take into account any changes made by the vehicle manufacturer to vehicle design after the revision date or other accessories that are or have been fitted to the vehicle. PIAK cannot be held responsible for such changes and appropriate enquiries should be made before installation.

Before installing, inspecting and/or maintaining the products, the work space should be safe and clear of fuel, debris, electrical or other components.

During installation :

It is the responsibility of the installer to confirm correct operation/clearance of all components. All holes drilled shall have all burrs and swarf removed then coated with a suitable rust preventative paint.

Ensure that all hardware is fastened to torque list as detailed in these instructions.

MAINTENANCE AND CARE :

To ensure continued safety and correct operation of the product, the product must be routinely inspected and regularly serviced (including bolt torque checked for correct tension) by an appropriately qualified or experienced person. Pull Pins and "R" clips must be regularly checked for proper installation. Replace any worn or defective parts.

Tow ball mounts, tongues or lugs should be removed when not actually towing so as to produce an unobscured view of the vehicles registration plate, and to also provide maximum available departure angle.

It is recommended that the tongue, Pull Pin and R-clip are removed when not towing and stored in a safe, clean and dry place.

PIAK recommends that you check your tow ball to ensure that it complies with the Australian Standard AS 4177.2.

EQUIPMENT :

These safety products should, at a minimum, be used when fitting or working on the product.



Protective Glasses



Hearing Protection

Installation in accordance with these instructions and adherence to warnings will ensure compliance with relevant regulatory and safety standards as at the revision date.

Failure to adhere to these instructions may affect the roadworthiness of the vehicle or cause personal injury, death or damage to property.

BY USING THIS PRODUCT YOU ACKNOWLEDGE AND AGREE THAT TO THE EXTENT PERMITTED BY LAW PIAK WILL NOT ACCEPT LEGAL OR OTHER LIABILITY FOR ANY LOSS, INJURY OR DAMAGE CAUSED BY INCORRECT OR INAPPROPRIATE INSTALLATION OR USE OF THE PRODUCT.

TOOLS REQUIRED

1. Metric socket and spanner

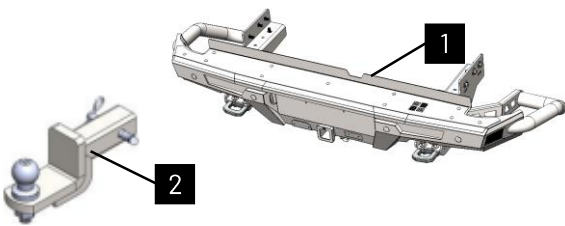
2. Phillips and flat head screw driver

3. Torque wrench

PART LIST

Important : Check contents of fitting kit before commencing fitment and report any discrepancies.

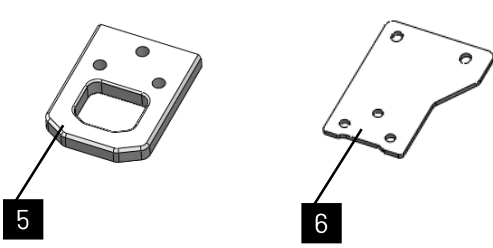
GENESIS REAR BAR

ITEM	COMPONENT NAME	Q'ty	REMARKS
1	PIAK Genesis Rear Bar	1	
2	TBM(A) PK004	1	

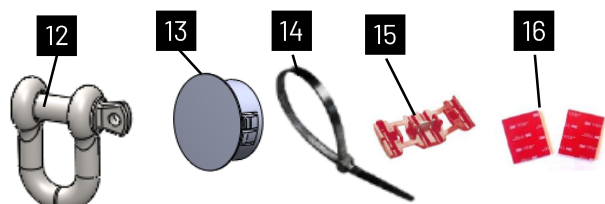
FITTING KIT MOUNTING BRACKET

ITEM	COMPONENT NAME	Q'ty	REMARKS
2	Hex Bolt M12x1.25x35	8	
3	Spring Washer M12	8	
4	Flat Washer M12	8	

FITTING KIT RECOVERY POINT

ITEM	COMPONENT NAME	Q'ty	REMARKS
5	Recovery point	2	
6	Recovery Point Bracket	2	
7	Hex Bolt M12x1.5x40	4	
8	Hex Bolt M12x1.5x55	6	
9	Spring Washer M12	10	
10	Flat Washer M12	20	
11	Hex Nut M12x1.5	10	

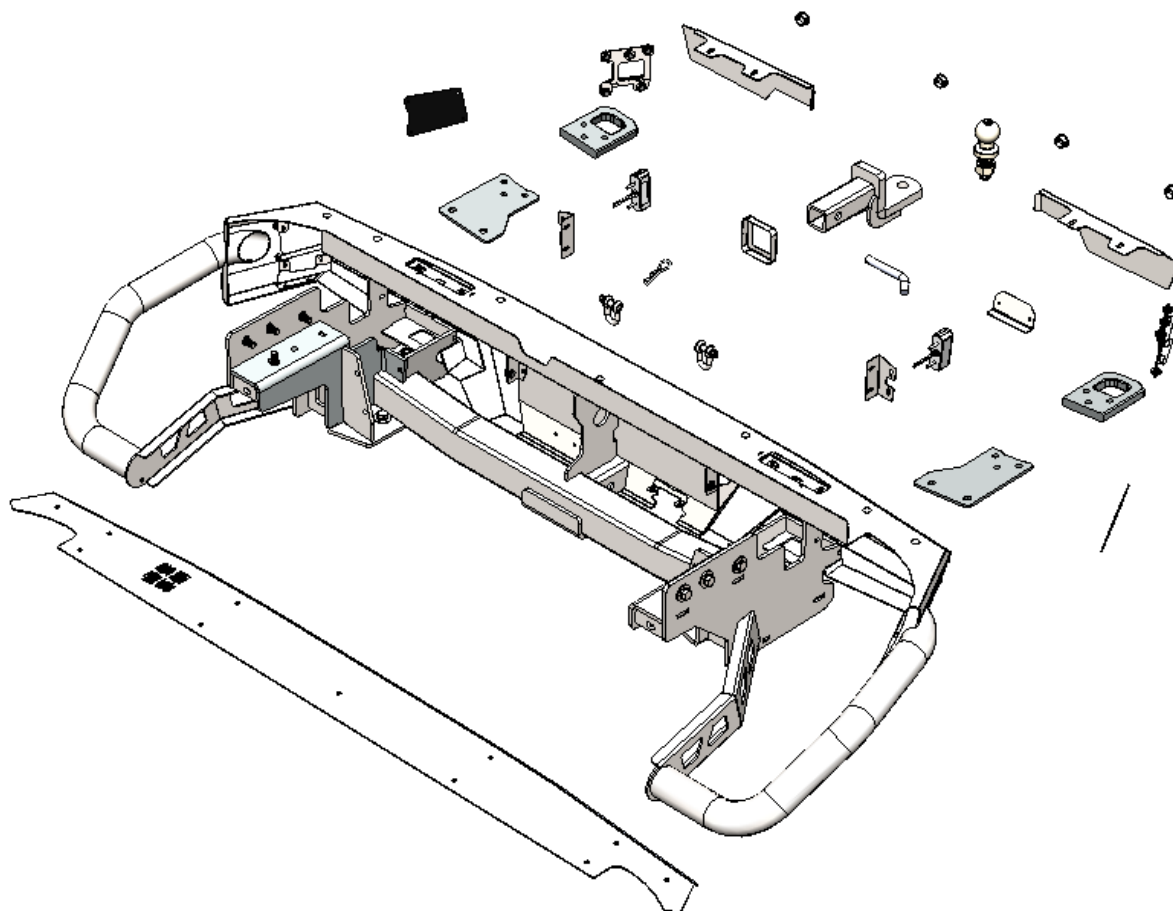
ACCESSORIES

ITEM	COMPONENT NAME	Q'ty	REMARKS
12	Shackle 3/8	2	
13	Sensor blanking plugs	4	
14	Cable Tie (L=150 mm)	10	
15	Electro Tap	4	
16	Double sided adhesive 3M	8	

PART LIST

FITTING KIT RADAR BRACKET			
ITEM	COMPONENT NAME	Q'ty	REMARKS
17	Radar Plate R/L	2	
18	Button head M5x0.8x15	8	
19	Flat Washer M5	8	
20	Flange Nut M5x0.8	8	
21	Radar Bracket Assy R/L	2	
22	Support Radar Bracket R/L	2	
23	Spring Washer M6	10	
24	Flat Washer M6	20	
25	Hex Bolt M6x1.0x15	10	
26	Flange nut M6x1.0	10	

COMPONENTS OVERVIEW



TORQUE SETTING OF FASTENER

Mounting bolts must be tightened to torque's specified following ;

Bolt Diameter (mm.)	Class 8.8		Class 10.9	
	Torque (Nm.)	Torque (ft-lb.)	Torque (Nm.)	Torque (ft-lb.)
M6	10.5	7.7	15	11.1
M8	25.5	18.8	36.5	26.9
M10	50.5	37.2	72.2	53.3
M12	88	64.9	126	92.9
M14	140	103	200	148

FITTING PROCEDURE

- 01 Locate the vehicle in a suitable position.



- 02 Disconnect the parking sensor cable.



- 03 Remove the rear bumper. By removing two bolt below the OE rear bumper that is attached to the frame rear bumper.



- 04 Remove the rear bumper. By removing two Bolt side the OE rear bumper that is attached to the frame rear bumper.

***** Repeat for the opposite side. *****

FITTING PROCEDURE

- 06** Remove the rear bumper. By removing four Bolt M12 the OE rear bumper that is attached to the vehicle.

keep the original bolts



- 07** Picture After remove bumper from rear vehicle .



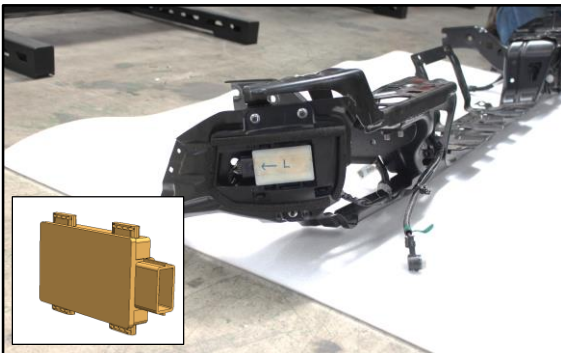
- 08** Carefully remove the frame rear bumper the vehicle.
By remove Plastic top step plate center and side LH/RH



- 09** Remove the side bracket from rear bumper for take out the radar box.

FITTING PROCEDURE

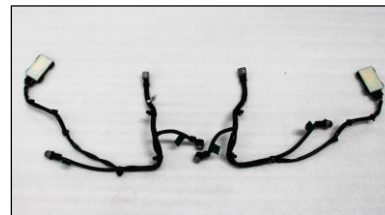
- 10 Carefully remove the metal frame rear bumper From plastic bumper the vehicle for prepare remove Parking sensor cable and radar box .



- 11 Remove the side bracket two side from rear bumper and mark RH/LH follow that side.



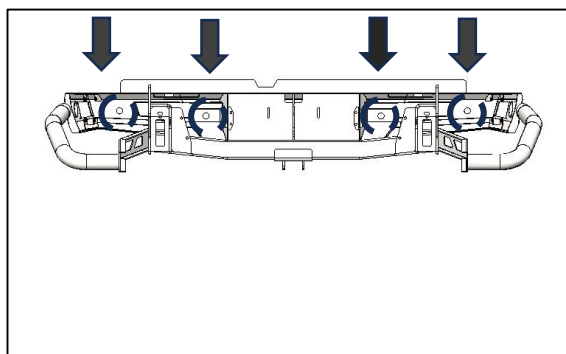
- 12 Carefully remove the parking sensor wiring harness from frame rear bumper the vehicle and marking



- 13 Remove housing sensor from plastic rear bumper

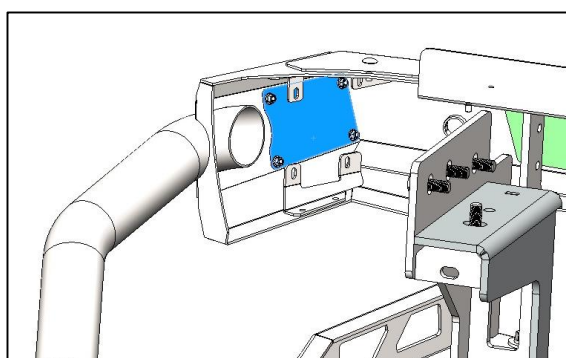
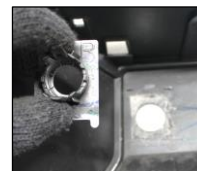


FITTING PROCEDURE



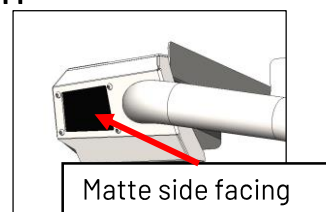
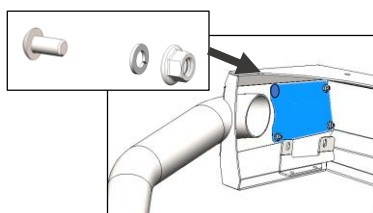
- 14** Insert Sensor housing onto the bumper. Re-install the parking sensors to the bumper. Fit parking sensors, noting orientation, ensuring that each one "snaps" into place.

Do it carefully

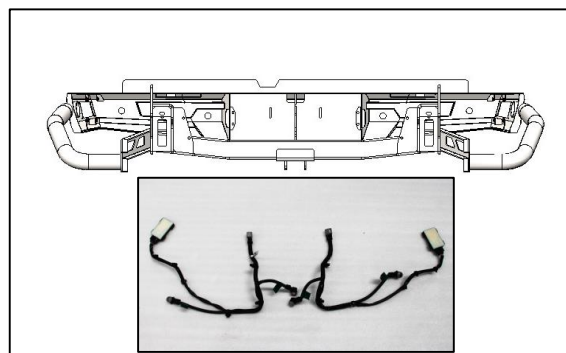


- 15** Install the Radar cover by use Hex Bolt(M5x0.8x15),spring washers, flat washers and hex nuts to the rear bumper. As shown

***** Repeat for the opposite side. *****



Matte side facing



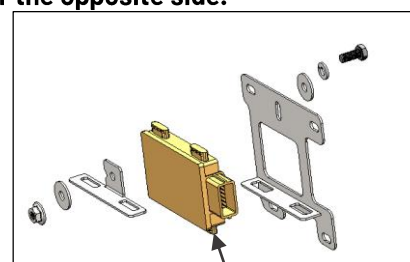
- 16** Re-install the parking sensors to the bumper. Fit parking sensors, noting orientation, ensuring that each one "snaps" into place. As shown

***Do it carefully ***



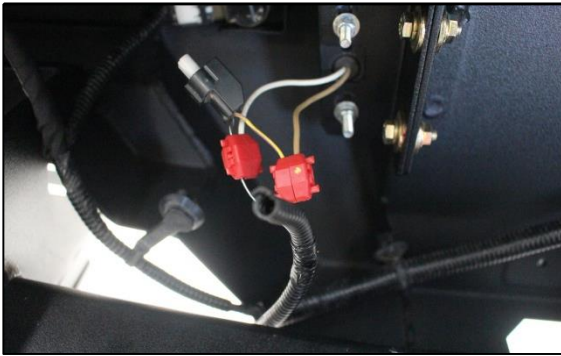
- 17** Re-install the Radar at location by use Hex Bolt(M6x1.0x15),spring washers, flat washers and hex nuts to the rear bumper as shown.

***** Repeat for the opposite side. *****

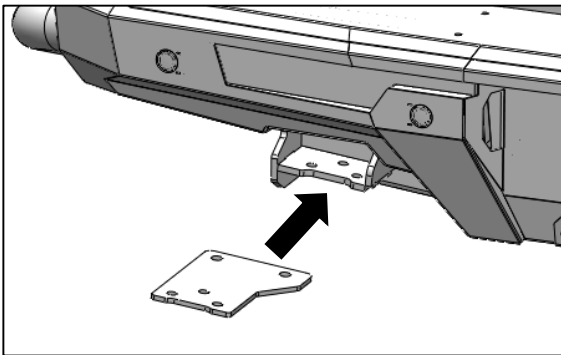
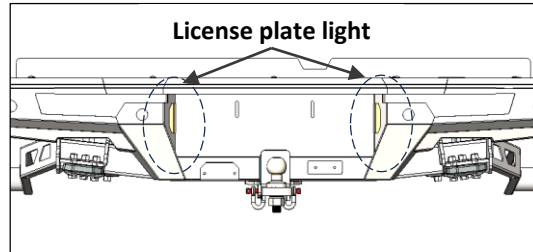


Radar vehicle

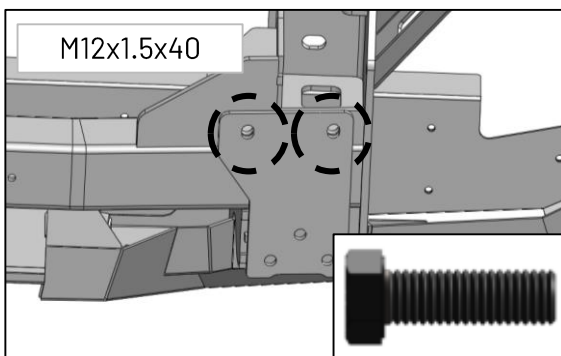
FITTING PROCEDURE



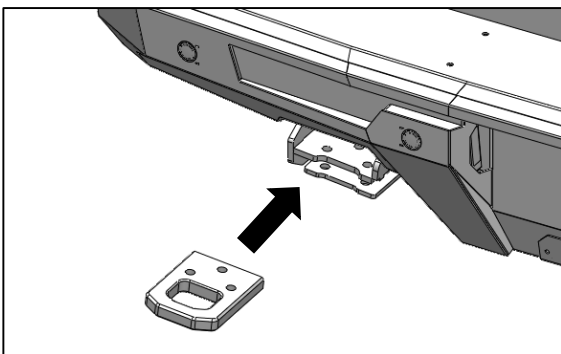
- 18 Using an Electro Tap, wire the license plate light.



- 19 Secure the Recovery Point Bracket (LH) at location as shown.

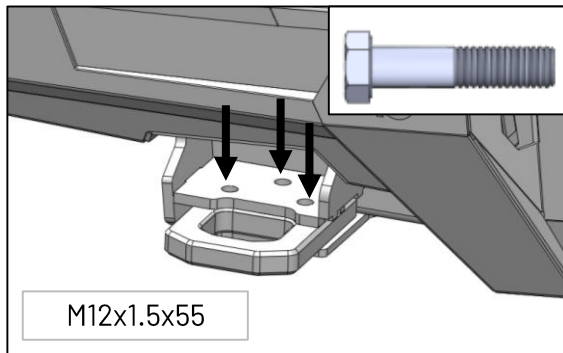


- 20 Secure two hex bolts (M12x1.5x40), spring washers, flat washers and hex nuts as shown.



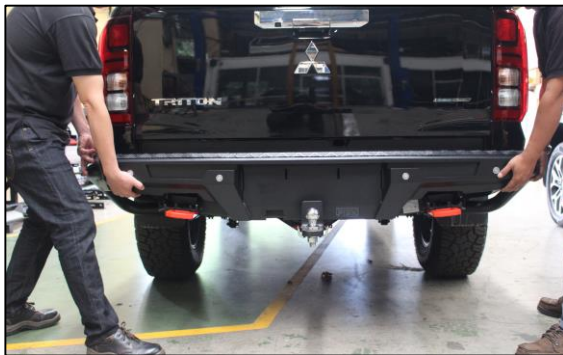
- 21 Secure the Recovery Point (LH) at location as shown.

FITTING PROCEDURE

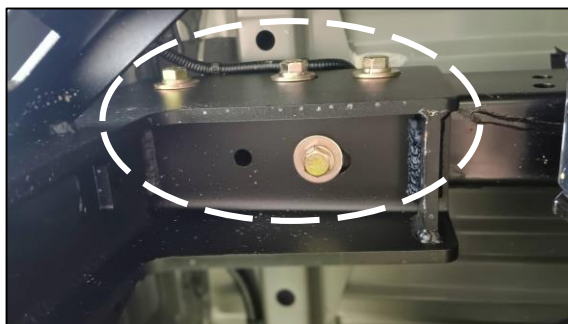


- 22 Secure three hex bolts (M12x1.5x55), spring washers, flat washers and hex nuts as shown.

***** Repeat for the opposite side*****

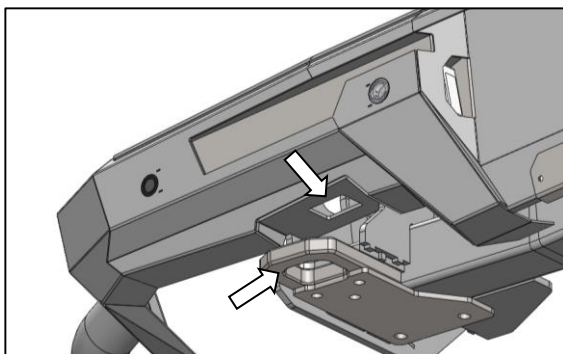


- 23 Lift the rear bar onto the vehicle.

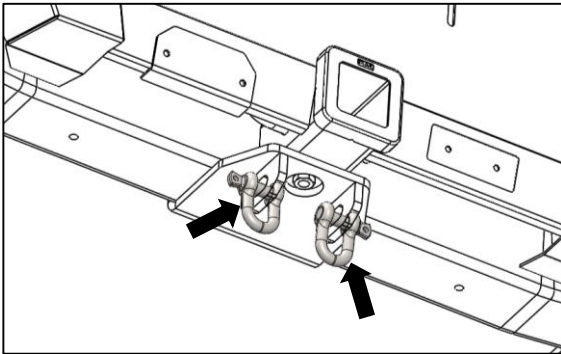


- 24 Secure four hex bolts (M12x1.25x35), spring washers, flat washers into the vehicle as shown.

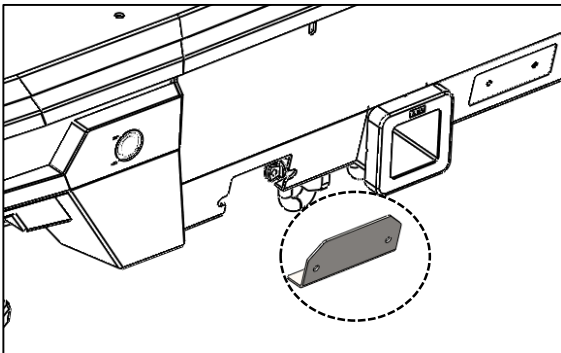
***** Repeat for the opposite side*****



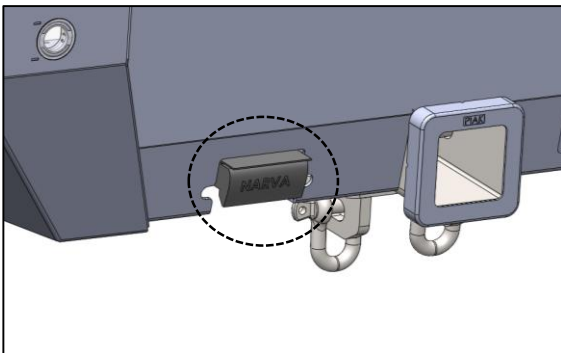
- 25 Location of Recovery points and Hi-Lift jack points.

FITTING PROCEDURE

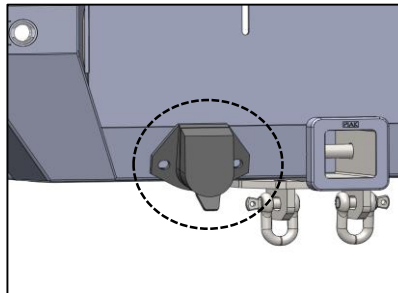
26 Location of D Shackle.



27 Location for installing trailer plug .Remove the cover Plate.



28 Location for installing trailer plug the position as shown



FITTING PROCEDURE

