

ARB **BED RACK**

Part Number: **17936010**
Suits Vehicle: **FORD F150 5.5' BED**
Product Description: **BED RACK MOUNT KIT**
Optional kits: **1780850 BED RACK CROSS BARS PR 1400MM**
1780800 BED RACK SIDE CHANNEL
SEE BED RACK OPTIONS LIST FOR ALL OTHER ACCESSORIES

WARNING

NOTE THE FOLLOWING:

- ◆ Vehicle accessories which are not properly fitted can be dangerous.
- ◆ Please read these instructions carefully prior to fitting, and comply with the instructions at all times.
- ◆ If in any doubt please contact your nearest ARB state office or the stockist from whom it was purchased.
- ◆ Do not use this product for any vehicle make or model, other than those specified by ARB.
- ◆ This product or its fixing must not be modified in any way.
- ◆ The installation of this product may require the use of specialized tools and/or techniques.
- ◆ It is recommended that this product is only installed by trained personnel.
- ◆ These instructions are correct as at the publication date. ARB Corporation Ltd. cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer.
- ◆ During installation, it is the duty of the installer to check correct operation/clearances of all components.
- ◆ Work safely at all times.
- ◆ Unless otherwise instructed, tighten fasteners to specified torque.
- ◆ Check bolt torque after 500km & at regular service intervals.

ARB 4x4 ACCESSORIES

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SAFETY

NET PAYLOAD FOR YOUR BED RACK

- ◆ Load must be evenly distributed and adequately secured.
- ◆ Any weight carried on the BED RACK will adversely affect its handling, particularly in cornering or in a cross-wind, the vehicle should therefore be driven with increased discretion.
- ◆ Regularly check the tightness of the securing clamps and the security of the load.
- ◆ Attention is directed to statutory requirements regarding maximum permissible projections from vehicles.
- ◆ If accessories are attached to the bed rack, one cross bar must be fitted at all times.
- ◆ All bolts should be checked prior to touring to ensure the BED RACK and accessories are fastened correctly

GENERAL CARE AND MAINTENANCE

By choosing an ARB BED RACK, you have bought a product that is one of the most sought after 4WD products in the world. Your BED RACK is a properly engineered, reliable, quality accessory that represents excellent value. To keep your BED RACK in original condition it is important to care and maintain it following these recommendations:

- As part of any pre-trip preparation, or on an annual basis, it is recommended that a thorough visual inspection of the BED RACK is carried out, making sure that all bolts and other components are torqued to the correct specification. Replace any components as necessary.

Please contact local Authorised ARB Stockist if you would like to have this service carried out on your behalf.

FITTING REQUIREMENTS

REQUIRED TOOLS FOR FITMENT OF PRODUCT:

METRIC SOCKET SET	ELECTRIC DRILL WITH Ø10.5MM DRILL BIT
TORX SET	BASIC TOOL KIT
TORQUE WRENCH Minimum 22Nm	MULTI TOOL
300mm RULE AND SCRIBE	PPE

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

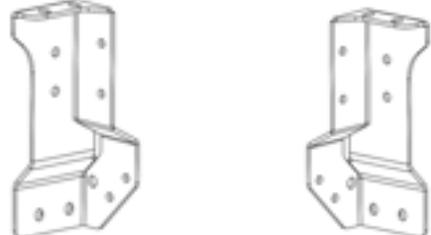
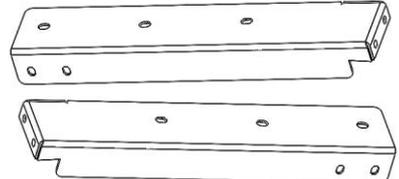
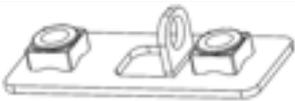
Protective eyewear 	Hearing protection 
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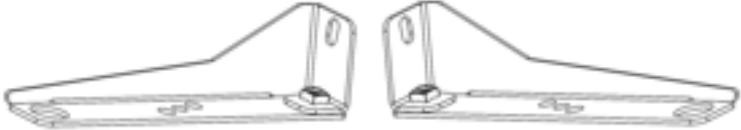
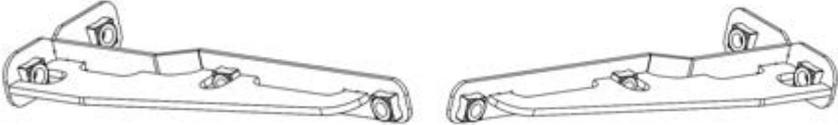
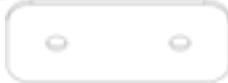
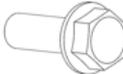
NOTE: 'WARNING' notes in the fitting procedure relate to OHS situations, where to avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.

FASTENER  TORQUE SETTINGS:

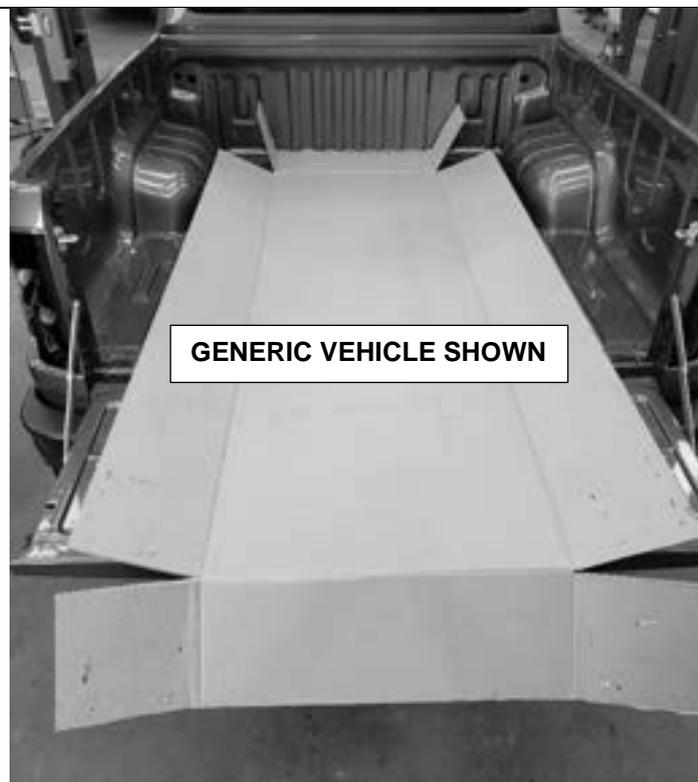
SIZE	Torque Nm	Torque lbft
M6	9Nm	7lbft
M8	22Nm	16lbft
M10	44Nm	32lbft
M12	77Nm	57lbft
M16	175Nm	129lbft

PARTS LISTING

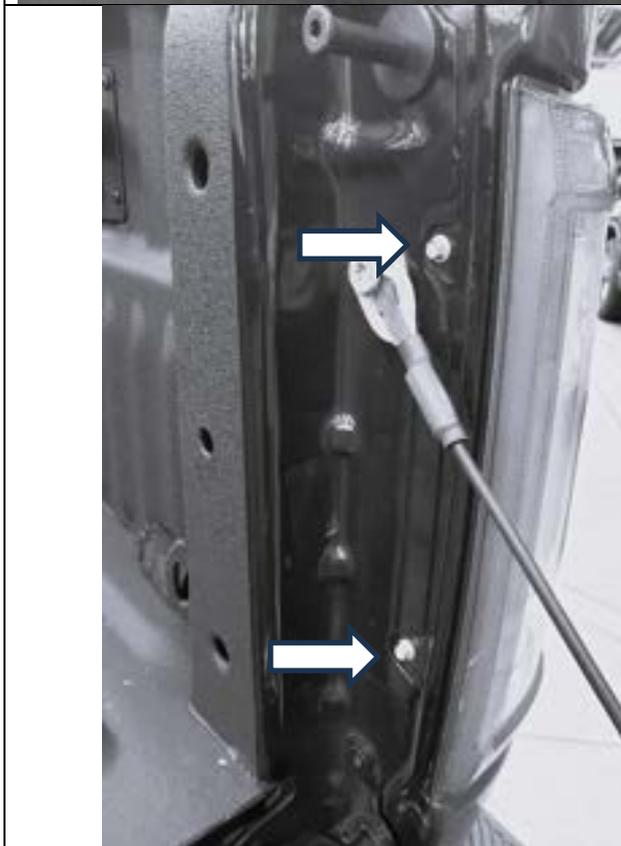
PART NUMBER	DESCRIPTION	QTY	DIAGRAM
6136754R	BED RACK FRAME WELDMENT RH	1	
6136754L	BED RACK FRAME WELDMENT LH	1	
4681894L&R	FRONT BED MNT	1L & 1R	
4601342L&R	REAR BR TUB CHNL	1L & 1R	
4655680L&R	FRONT SKATE POCKET MNT	1L & 1R	
3197043	M10 X 65MM NUT PLT	2	

3197044L&R	NUT PLT	1L & 1R	
4655679L&R	REAR STAKE POCKET MNT	1L & 1R	
4681893L&R	REAR INTERNAL TUB BRACE	1L & 1R	
4655681L&R	BR LINK NUT PLT	1L & 1R	
4601341L&R	CHASSIS LINK SUPPORT	1L & 1R	
6317683L&R	BR LOWER CHASSIS MNT	1L & 1R	
3197045	NUT PLT TOOL	1	
3197041	2MM PACKER	4	
3197042	3MM PACKER	2	
4584380	WASHER FLAT M10x22.9x2 HV300 BTZP480	4	
6151321	NUT FLANGE M10x1.5 PC8.8 TZP480 SERRATED	4	
6151965	BOLT HXHD FL M10x1.5x30	40	
6152008	BOLT HXHD FL M6x1.0x25 PC8.8 ZNB480	8	
6152127	BOLT HXHD FL M12x1.75x30 PC8.8 ZNS480	2	
6152156	NUT HEX NYLOC M10x1.5 PC8 ZNB480	4	

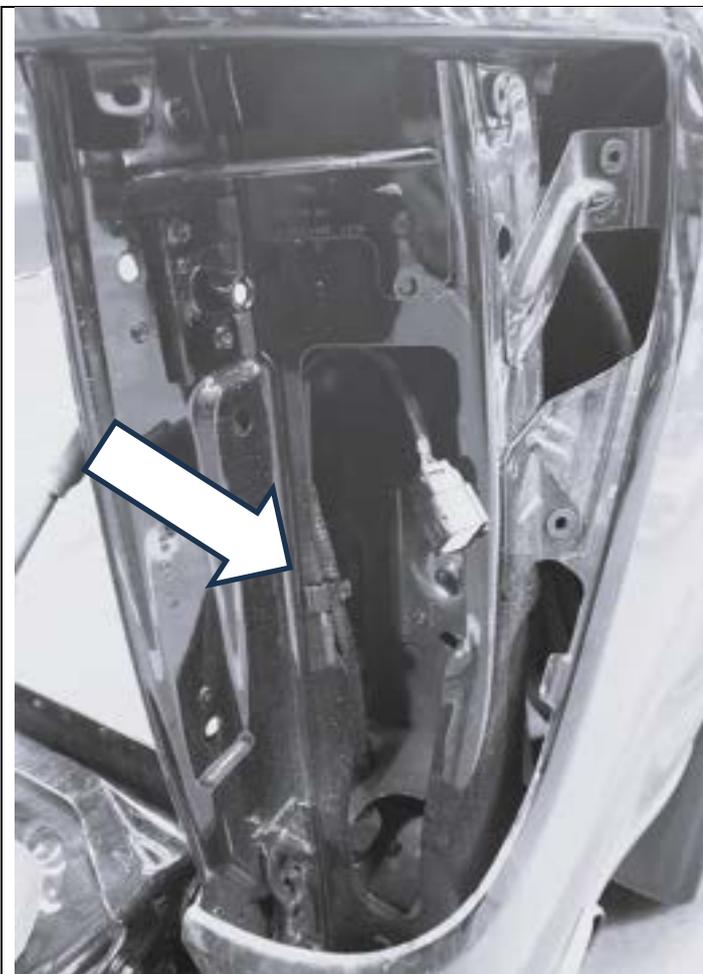
BEFORE STARTING, READ ALL STEPS OF THE INSTRUCTIONS



1. Remove the large staples from the BED RACK carton lid and place into the tub. The carton lid will protect the tub from scratches.



2. Remove both left and right taillights, unplug the lamps and place in a safe location.



3. Unclip the loom clamp and feed the taillight plug down through the chassis and repeat for LHS.

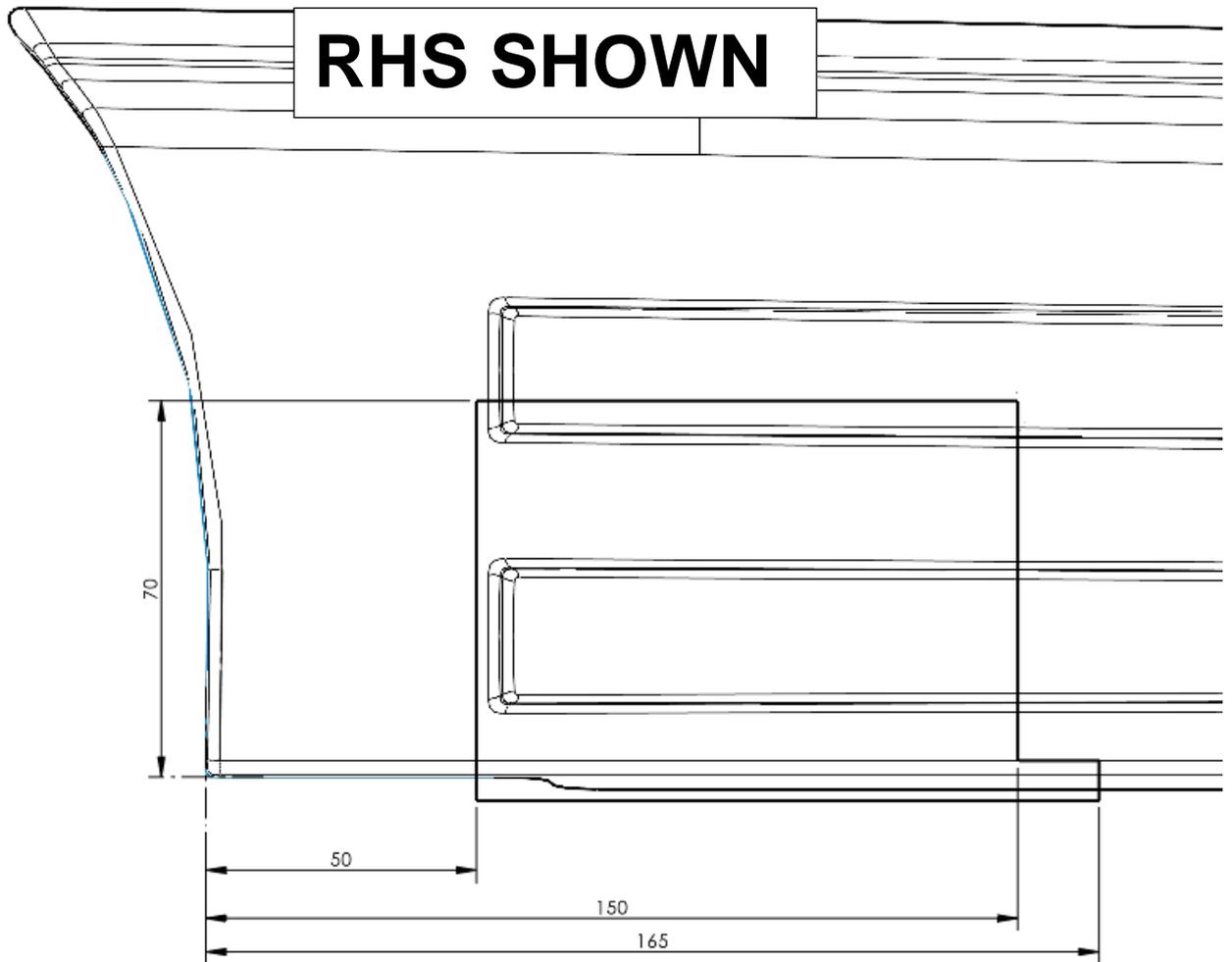


4. Remove all tie down points and set aside for refitment later.

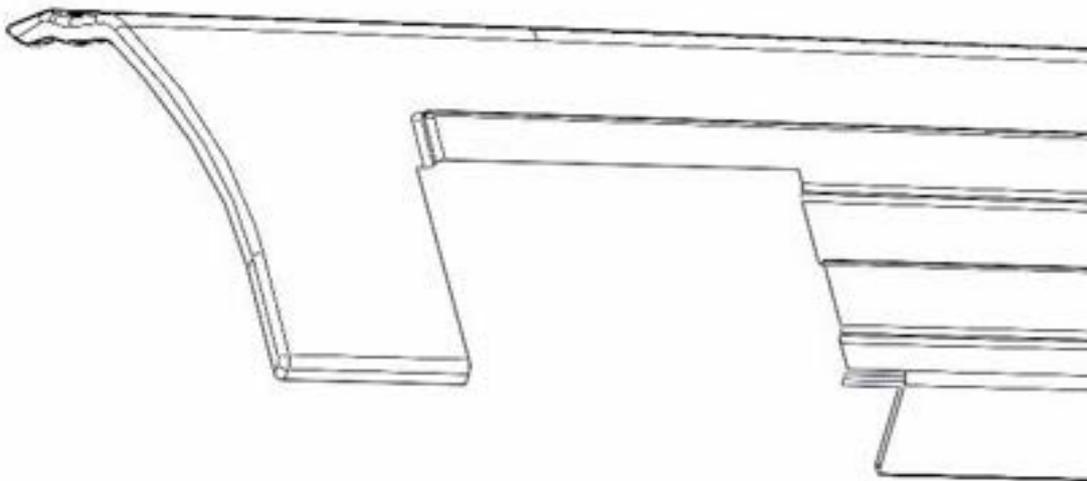


5. Remove both rear Stake pocket covers from the tub caps.

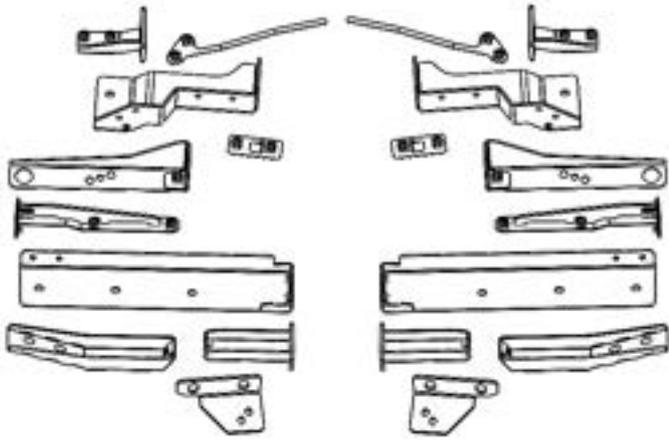
6. Cover the front tub cap corners in masking tape and mark out the area shown.
7. Using multi tool, carefully cut away this area.
8. Deburr all the cut edges and repeat for LHS.



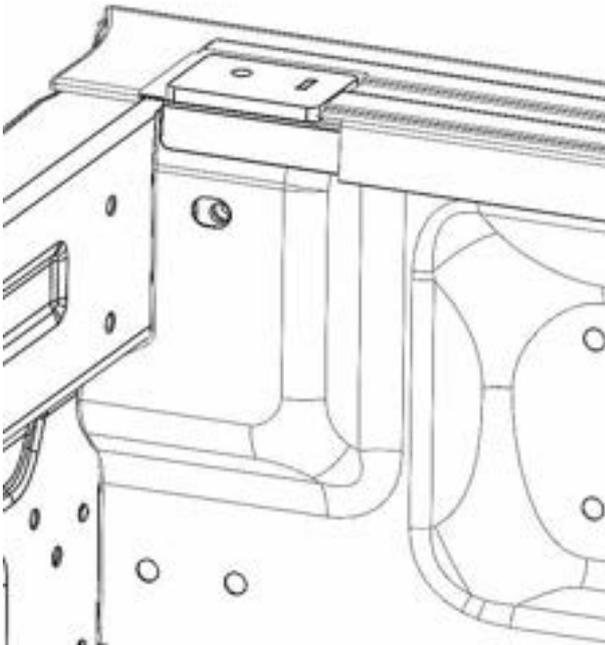
Tub cap with removed section.



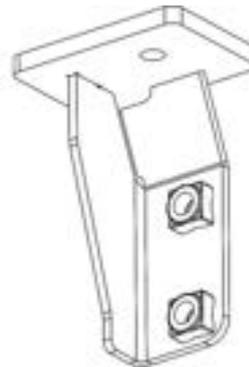
WARNING: Drilling & Cutting operations can result in flying debris. Eye and ear safety protection should be worn.



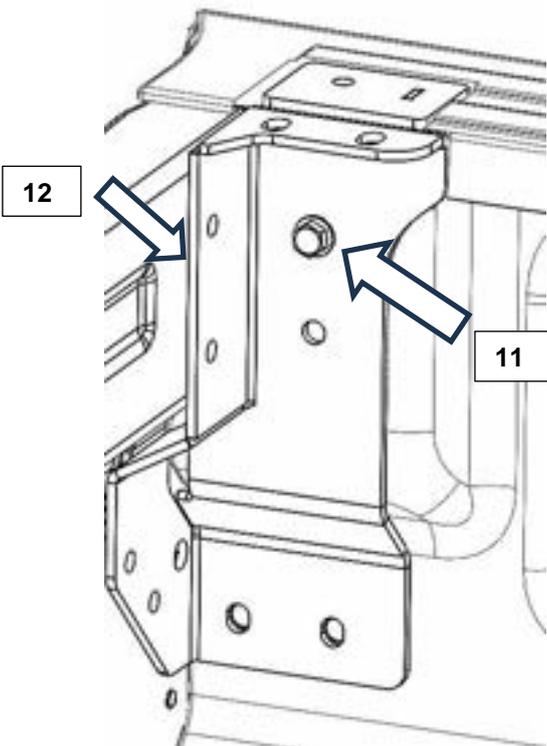
9. Open fit kit box and layout all brackets and fasteners.



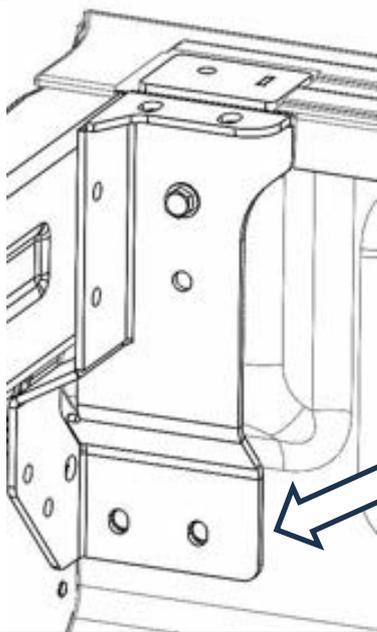
10. Insert the RH Front stake pocket mount into the Front RHS tub opening.



RHS SHOWN



11. Fit the Front bed mount with one M10 x 30 FL bolt into the stake pocket mount.
 12. Tighten the M10 to hold the mount in place, ensuring the top faces are aligned and the mount is tight to the headboard.



14

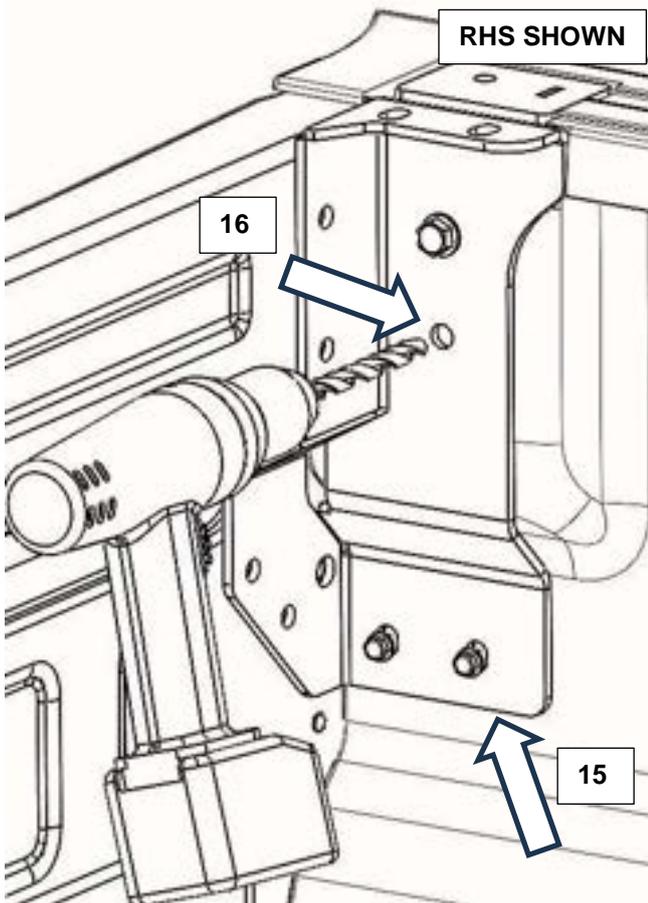
13. Refit one tie down point using two M6 x 25 FL bolts, do not tighten.
14. Check if there is a space behind the mount, 2mm and 3mm shims are provided to allow for variations in the tub.



With a single or multiple shims, the follow thickness can be achieved per side.

- 2mm
- 3mm
- 4mm (2mm + 2mm)
- 5mm (2mm + 3mm)

RHS SHOWN



16

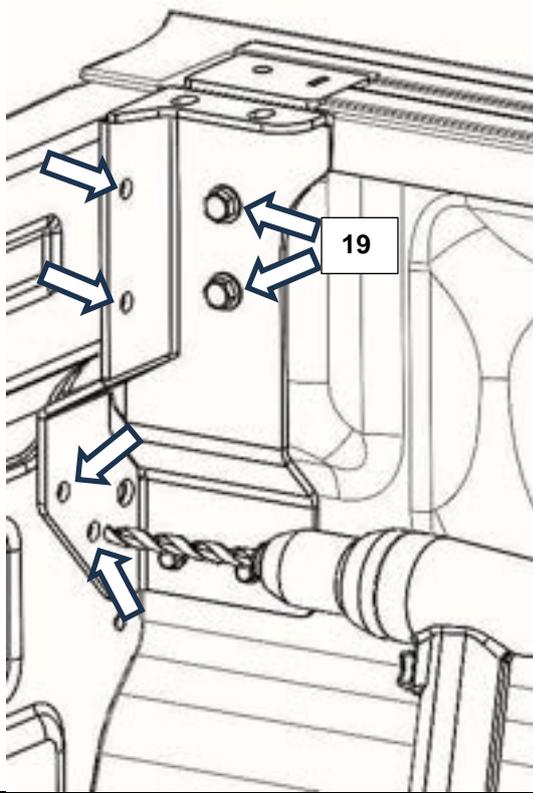
15

15. With the appropriate shims in place, tighten the two M6 bolts.
16. Spot drill the hole shown with a Ø10.5mm drill.
17. Remove the M10 FL bolt and remove the Stake pocket mount.
18. Drill through the marked hole from step 16 and deburr.

Caution must be taken to not drill into the next panel.



WARNING: Drilling & Cutting operations can result in flying debris. Eye and ear safety protection should be worn.



19. Refit the Stake pocket mount with two M10 FL bolts.
20. Drill through the headboard in the four positions shown.

Caution must be taken to not to drill into the next panel.



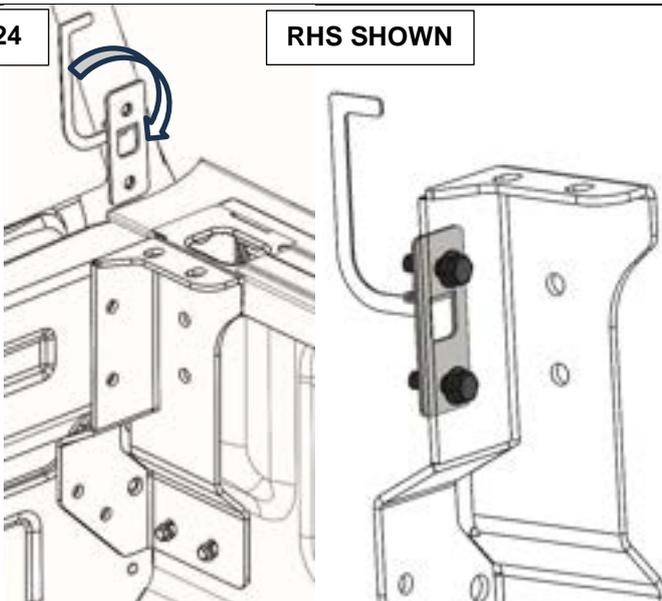
WARNING: Drilling & Cutting operations can result in flying debris. Eye and ear safety protection should be worn.

REPEAT STEPS 10 TO 20 FOR THE LHS

21. Remove both front mounts from the tub and place on a flat surface.
22. Deburr all the drilled holes.
23. Refit both front mounts using only the M6 FL bolts, tie downs and shims if needed.

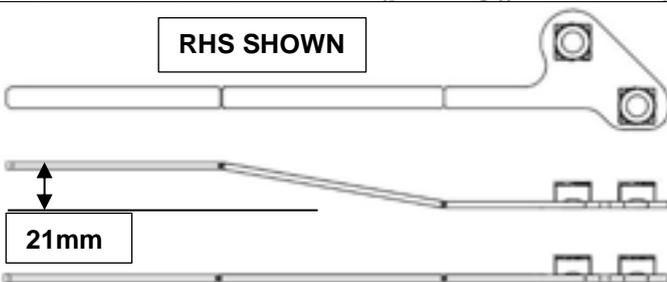
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RHS SHOWN

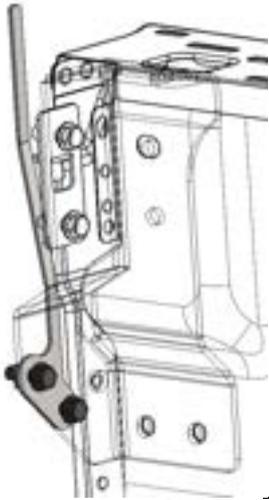
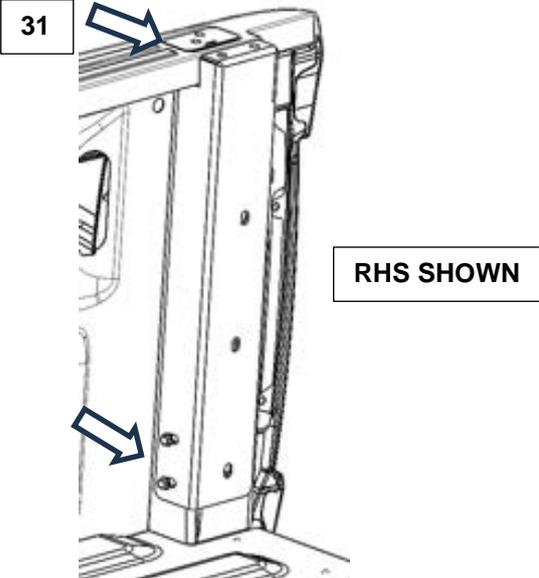
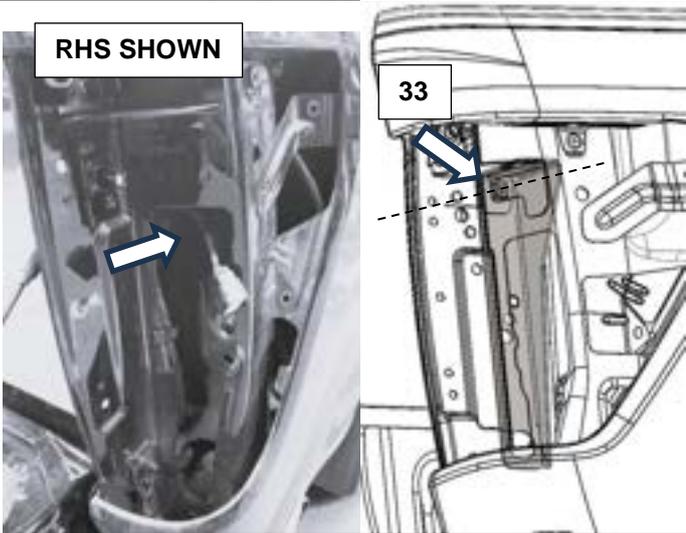


24. Hang the top headboard nut plate on the nut stick tool and lower between the headboard and cab.
25. Rotate the nut stick tool 90° to align the nut plate and drilled TOP holes.
26. Loosely fit two M10x30 FL bolts and remove the nut stick tool.

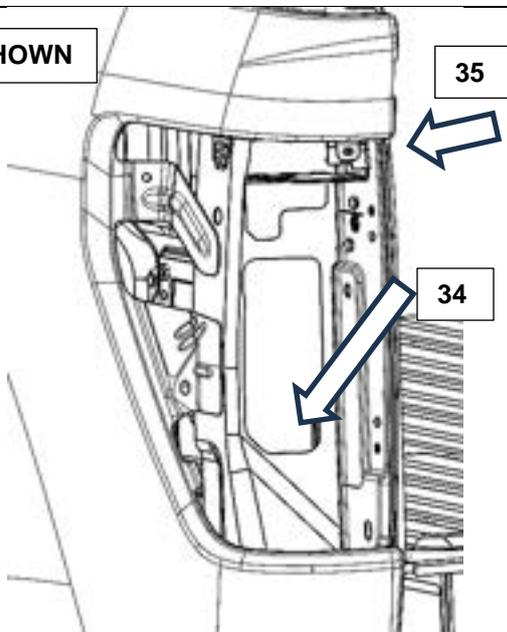
RHS SHOWN



27. Bend the lower headboard nut stick approximately 10° at each bend or to be approximately 21mm high.

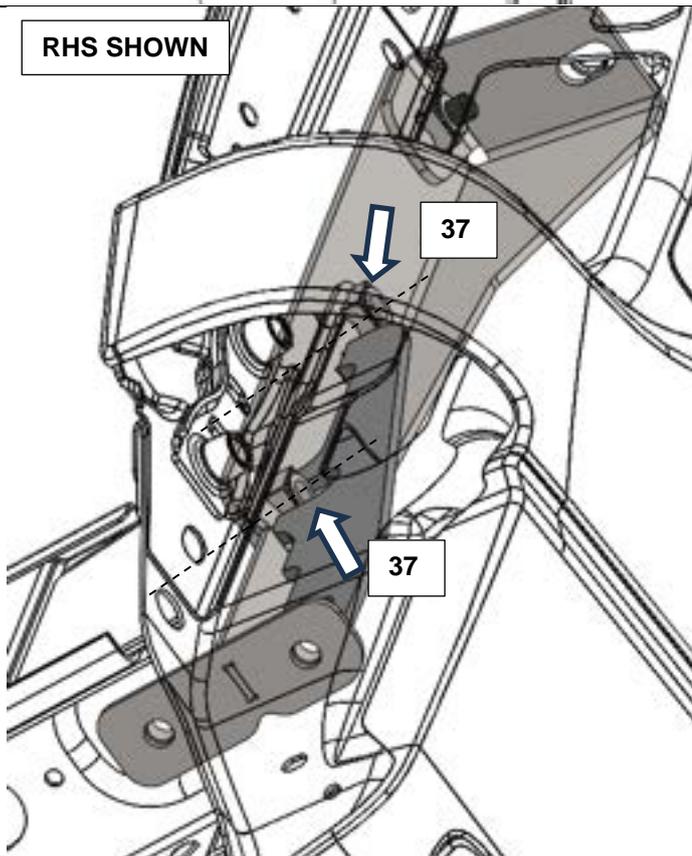
	<p>28. Lower the bent nut stick between the tub and cab to align with the lower drilled holes.</p> <p>29. Loosely fit two M10x30 FL bolts.</p> <p>REPEAT STEPS 24 TO 29 FOR THE LHS</p>
	<p>30. Using two M6 FL bolts and one tie down, loosely fit both the rear tub channel.</p> <p>31. Insert both the rear stake pocket mount.</p>
	<p>32. Insert the RHS rear internal tub brace, by lifting and rotating the part, into the hole behind the taillight.</p> <p>33. Fit one M10x30 FL bolt through the top hole of the tub channel into the internal mount, leaving loose.</p>

LHS SHOWN

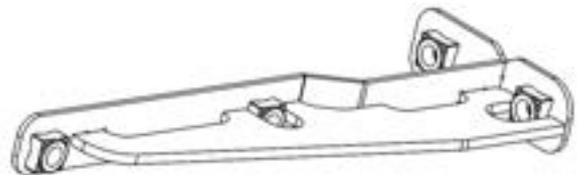


34. To insert the LHS rear internal tub brace, lower the part through the opening then lift into position.
35. Install one M10x30 FL bolt to hold it in place.

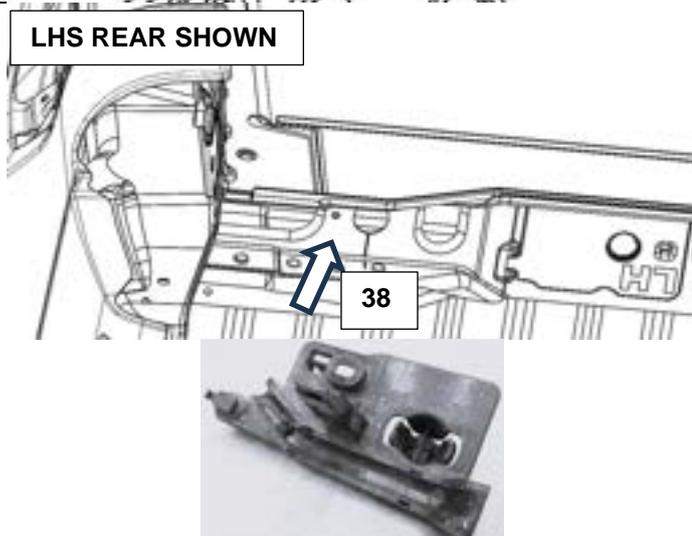
RHS SHOWN



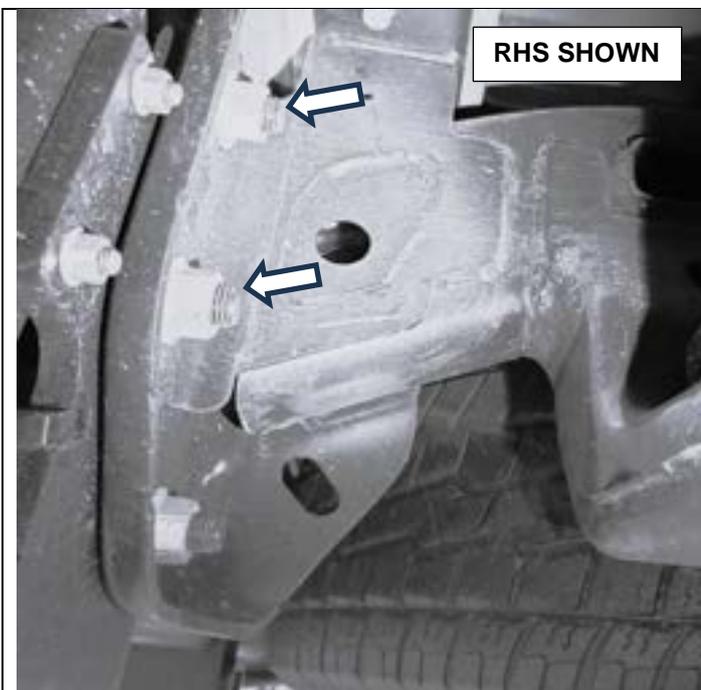
36. Lift the RHS BR link nut plate from underneath the tub through the access ports being careful not to pinch the loom.
37. Fit two M10x30 FL bolts through the internal tub channel to hold it in place. Leave loose.



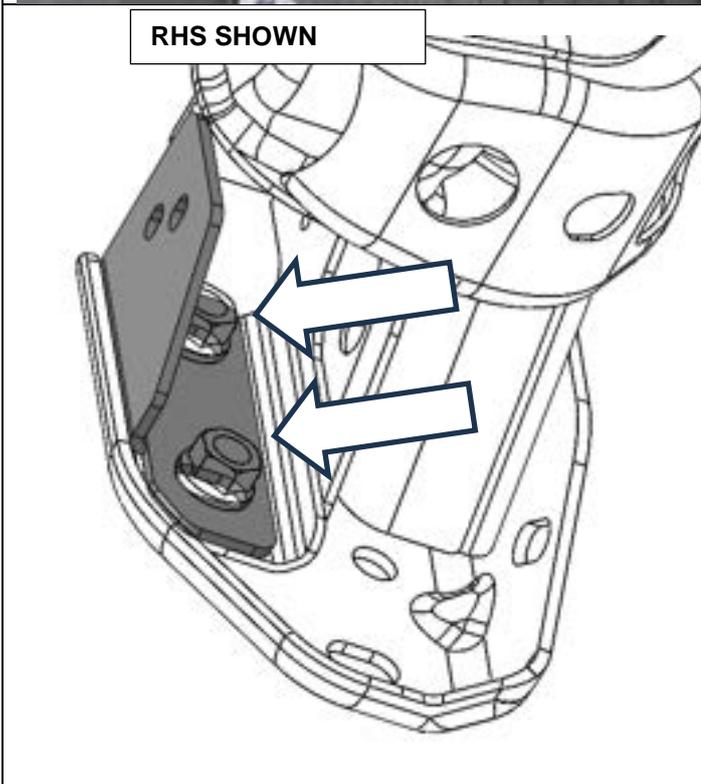
LHS REAR SHOWN



38. If fitted, remove the loom retainer from under the LHS of the tub.
39. Lift the LHS BR link nut plate into position as per RHS fitment in Step 36, retain with two M10x30 FL bolts as per Step 37.

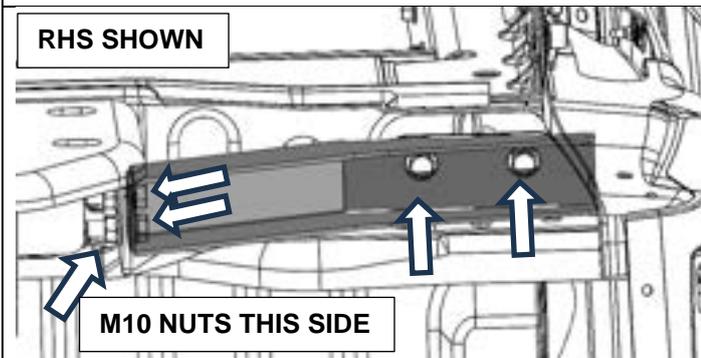


40. Remove the two outer most nuts on the RHS rear chassis plate.



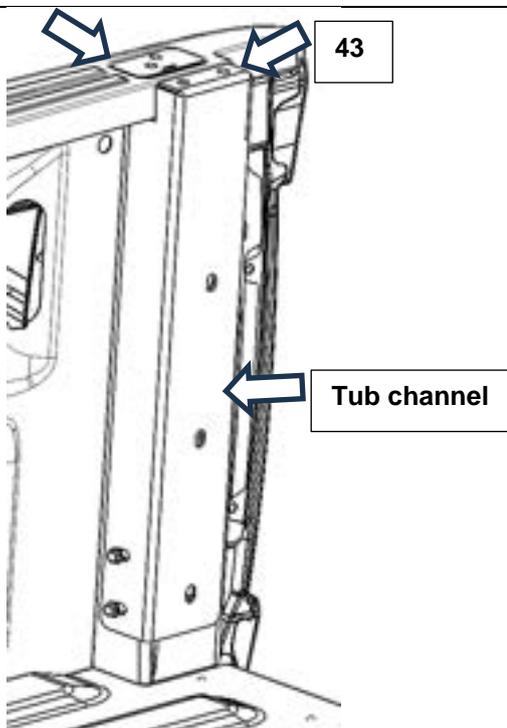
41. Fit the RHS lower chassis mount over the studs and refit the nuts. Torque to specification.

 M16 - 175 Nm.



42. Fit the chassis link support using four M10x30 FL bolts and two M10 FL nuts leaving loose as shown.

REPEAT STEPS 40 TO 42 FOR LHS SIDE



43. Align the top surface of the Tub channel and the stake pocket mount and tighten the top M10 FL bolt.
44. Beginning at top M10 FL bolt, torque the seven M10 and two M6 to specification.
45. Remove the rear stake pocket mount.

 M6 - 9 Nm.

 M10 - 44 Nm.

REPEAT STEPS 43 TO 45 FOR LHS SIDE

FRAME FITMENT

46. Identify the RHS BED RACK frame as shown.

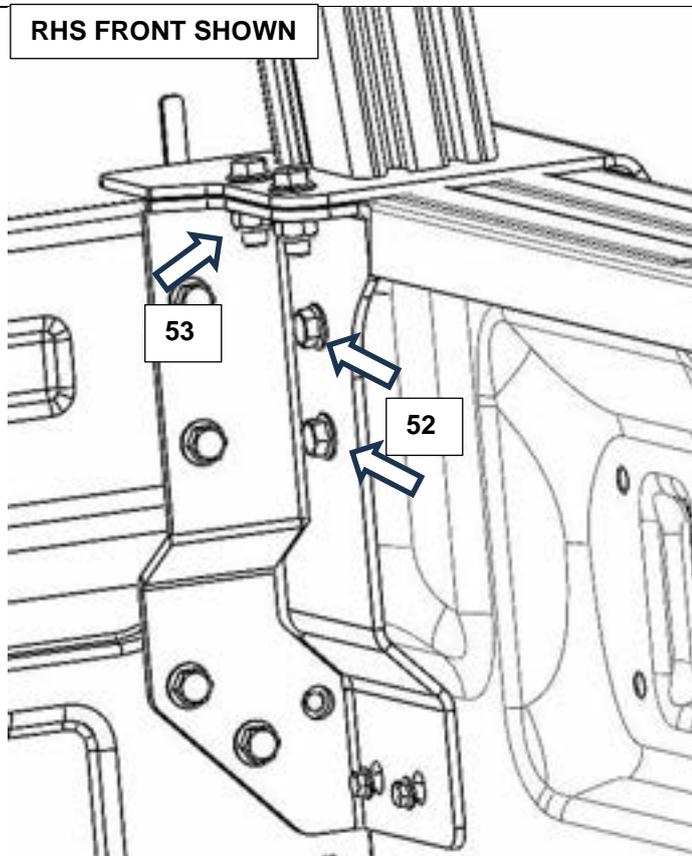


47. Use two M10x30 FL bolts to fit the rear stake pocket mount to the foot of the frame and torque to specification.
48. Fit the front stake pocket mount to the frame with one M10x30 FL bolt.
49. Torque to specification ensuring the mount stays square to the frame foot.
50. Repeat for LHS.



 M10 - 44 Nm.

RHS FRONT SHOWN



51. Carefully lower the assembled frame and mounts into the openings to the tub.

52. At the front, fit two M10x30 FL bolts into the mount.

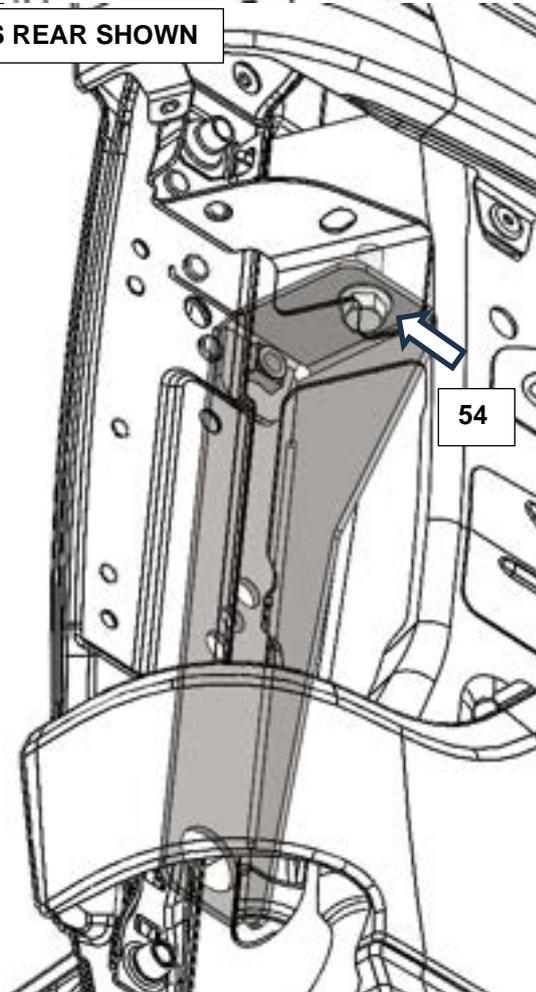
53. Use two M10x30 FL bolts, two M10 washers and two M10 Nyloc nuts through the frame foot into the mount.

Torque to specification.

 M6 - 9 Nm.

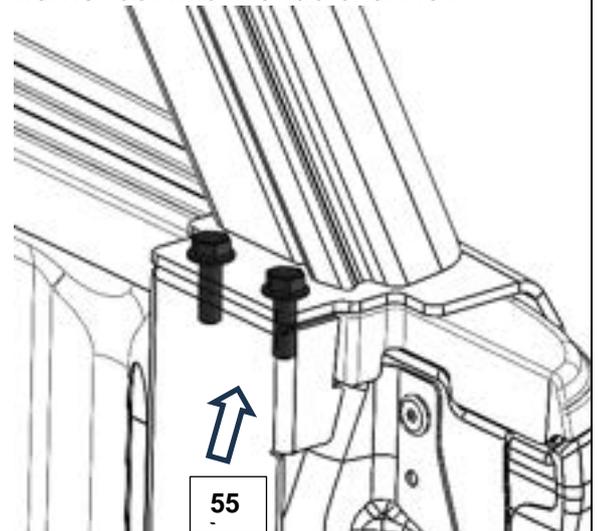
 M10 - 44 Nm.

RHS REAR SHOWN



54. At the rear, use one M12x30 FL bolt through the internal mount up into the rear mount.

55. Use two M10x30 FL bolts through the frame foot into the tub channel.



Torque to specification.

 M10 - 44 Nm.

 M12 - 77 Nm.

REPEAT STEPS 46 TO 55 FOR LHS SIDE



56. Refit both taillights removed in Step 2

57. Continue with mounting of selected BED RACK accessories.

**FITTED PRODUCT WITH CROSS BARS
AND SIDE CHANNELS SHOWN**

