

TOYOTA LANDCRUISER 79 SERIES

DUAL CAB WELDED

ROCK SLIDERS

IMPORTANT! – READ BEFORE INSTALLATION

- This product must be installed exactly as per these instructions using only hardware supplied.
- Take a few moments to read instructions thoroughly before beginning work.
- In the event of damage to any bar component please contact OFFROAD ANIMAL to arrange repair/replacement of components.
- Do not use this product for any vehicle make or model other than that specified on these instructions.
- Do not remove labels from this product.
- This product and its fixings must not be modified in any way unless stated in these fitting instructions.
- The installation of this product is recommended for trained personnel.
- These instructions are correct at time of publication. OFFROAD ANIMAL cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer. If you find something has changed, please contact us to let us know!
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- If Instructions are to be printed for reference in the workshop, it is recommended that they are printed in colour, for best legibility.
- Fitting time estimated 1-2 hours

GENERAL CARE AND MAINTENANCE

Only wash the product with a PH neutral car wash to prevent paint damage and discolouration.

Plastic parts may be maintained with silicone spray.

Do not use acidic or alkaline based cleaning products.

It is important to perform regular checks (pre trip or on an annual basis) on the installed product. Checks include:

- Visual inspection for damage (eg. cracks, chips, dents etc.)
- Electrical wiring is not rubbing anything or worn out
- Bolts are torqued to correct specification (see torque guide below)

For touching up small stone chips, Offroad Animal recommends the following paint products:

- Dupli-Color Trim & Bumper Paint Black (TB101)
- VHT Hood, Bumper & Trim Paint Black (SP27)

BOLT TORQUE SETTINGS

Use the following bolt torques on all fasteners, unless otherwise specified.

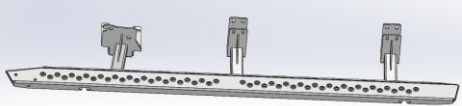

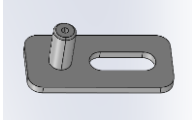

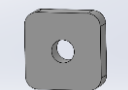

Always use a torque wrench to set correct torque settings. Ensure torque wrench is set to Nm unit of measurement. Otherwise perform conversion to lb-ft.

Size	Torque Nm
M5	5 Nm
M6	9 Nm
M8	22 Nm
M10	44 Nm
M12	77 Nm

PARTS LISTING

IMPORTANT: Check all parts are present before beginning work! Contact OFFROAD ANIMAL if something is missing.

Main Parts – In the Box

Qty	Part Number	Description	Image
1	RSW-TLC-79-07-ASM1L	Toyota Landcruiser 79 Series Dual Cab - Welded Slider Assy	
1	RSW-TLC-79-07-ASM1R	Toyota Landcruiser 79 Series Dual Cab - Welded Slider Assy	
3	P-0392	LC79 Welded Sliders - Brake Line Relocation Plate	
4	B-1265	LC79 Welded Sliders - U Bracket Shim	
1	P-0106	LC79 Back Chassis Spacer Plate - Square	
1	P-0400	LC79 Back Chassis Spacer Plate - Offset	

Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
8	M10 FLANGE NUT	Flange Nut, M10x1.5 G8.8 ZP
8	M10 FW LHD	WASHER, FLAT M10X28.5X2.5
8	M10 X 80 (10.9)	Bolt Hex, M10X80X1.5, GR10.9 ZP
3	M8 FLANGE NUT	Flange Nut, M8x1.25 G8.8 ZP
7	M8 HD FLAT WASHER	M8 FLAT WASHER - High Tensile 19x8x1.9mm
3	M8 X 20 HEX	Bolt Hex, M8X20x1.25, GR8.8 ZP
4	M8 X 30 HEX	Bolt Hex, M8X30X1.25, GR8.8 ZP
6	M8 X 16 BHCS BZP	SCREW, BUTTON HEAD CAP, M8X16X1.25 GR12.9, ISO4042 ZnNi BLACK PASSIVATED FINISH
4	NP-COM-M8-200-ASM0	M8 Nut Plate 200mm
6	M8 FLAT WASHER- BLACK ZINC	M8 FLAT WASHER, 16.5x8.4x1.2, ISO4042 ZnNi BLACK PASSIVATED FINISH

TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
Metric Socket Set 8-19mm Socket Extension Bar Metric Spanner Set 10-19mm Hex (Allen) Key Set 4-6mm Trim Puller Tool Flat Blade Screwdriver set Phillips Head Screwdriver set Utility Knife Side Cutters	Electric/Air Impact Driver (Optional)	Hydraulic Lift Trolley Trolley Jack

WORKSHOP SAFETY

It is the responsibility of the installer to always complete works in a safe manner. Make sure the following safety equipment is available and precautions are observed whilst fitting this product.

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



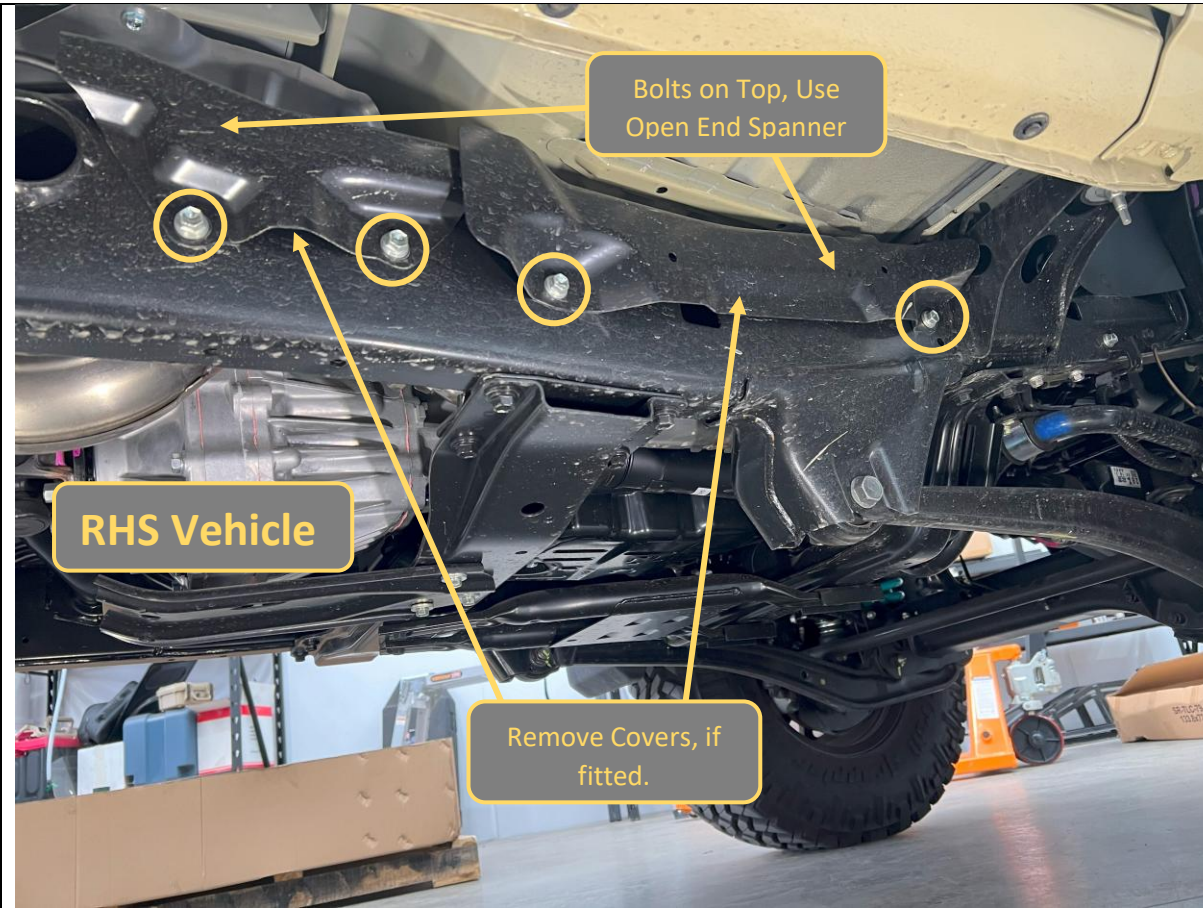
1. Remove Factory side steps if fitted by removing the 12x Bolts (2 Per mount) securing them to the body using a 10mm socket.
2. Discard Factory steps and bolts.

TOOLS REQUIRED
10mm socket

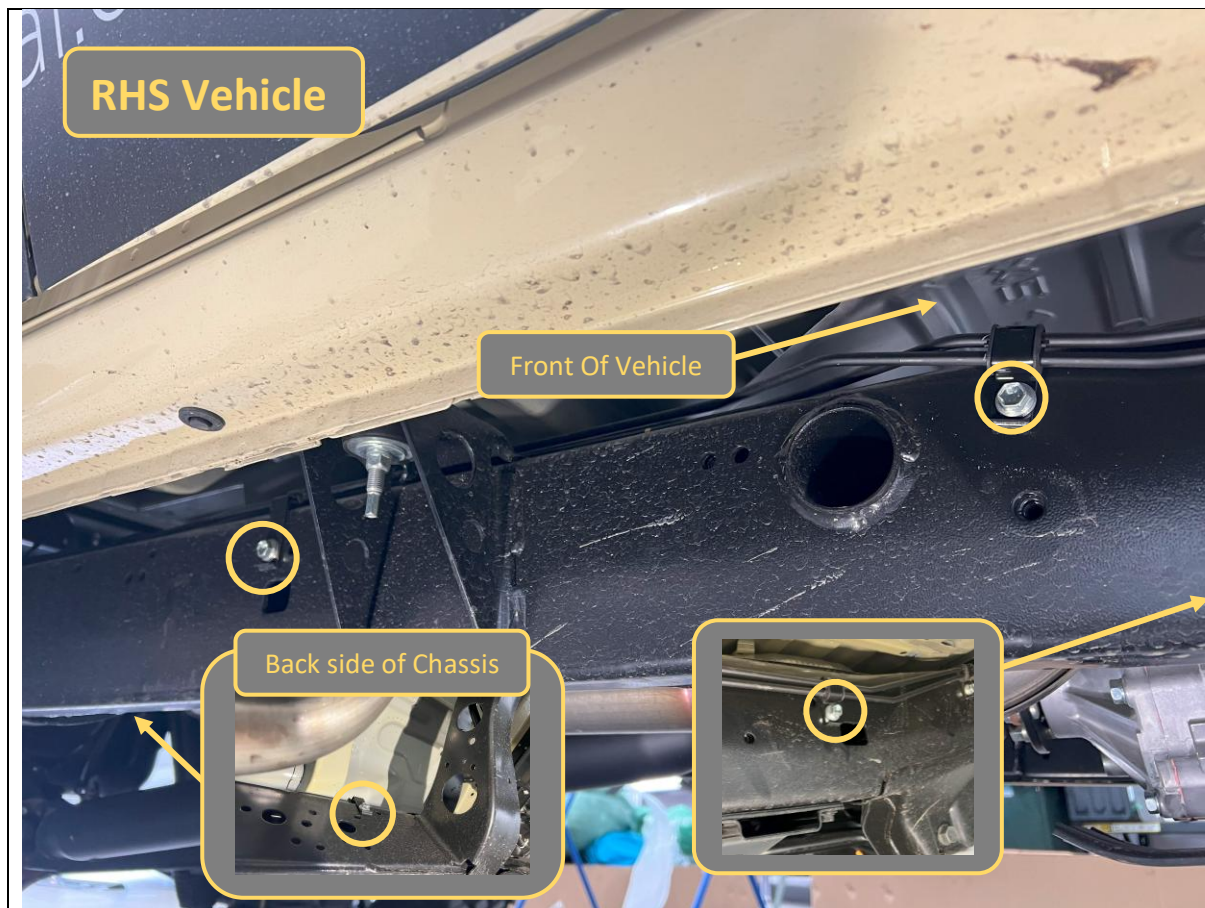
FASTENERS

12x Factory Flange head
Bolts

(per side)



<div>3. On RHS of vehicle remove the light gauge cover panels fitted to the chassis rail. Use 12mm socket for side bolts and 12mm open end spanner (due to limited clearance) for top bolts.</div> <div>4. Some models may not have these covers fitted. If so, skip this step.</div>	<div>TOOLS REQUIRED</div> <div>12mm Socket 12mm Open end spanner</div>
	<div>FASTENERS</div> <div>12mm Factory Flange Bolts (retain for re-use)</div>

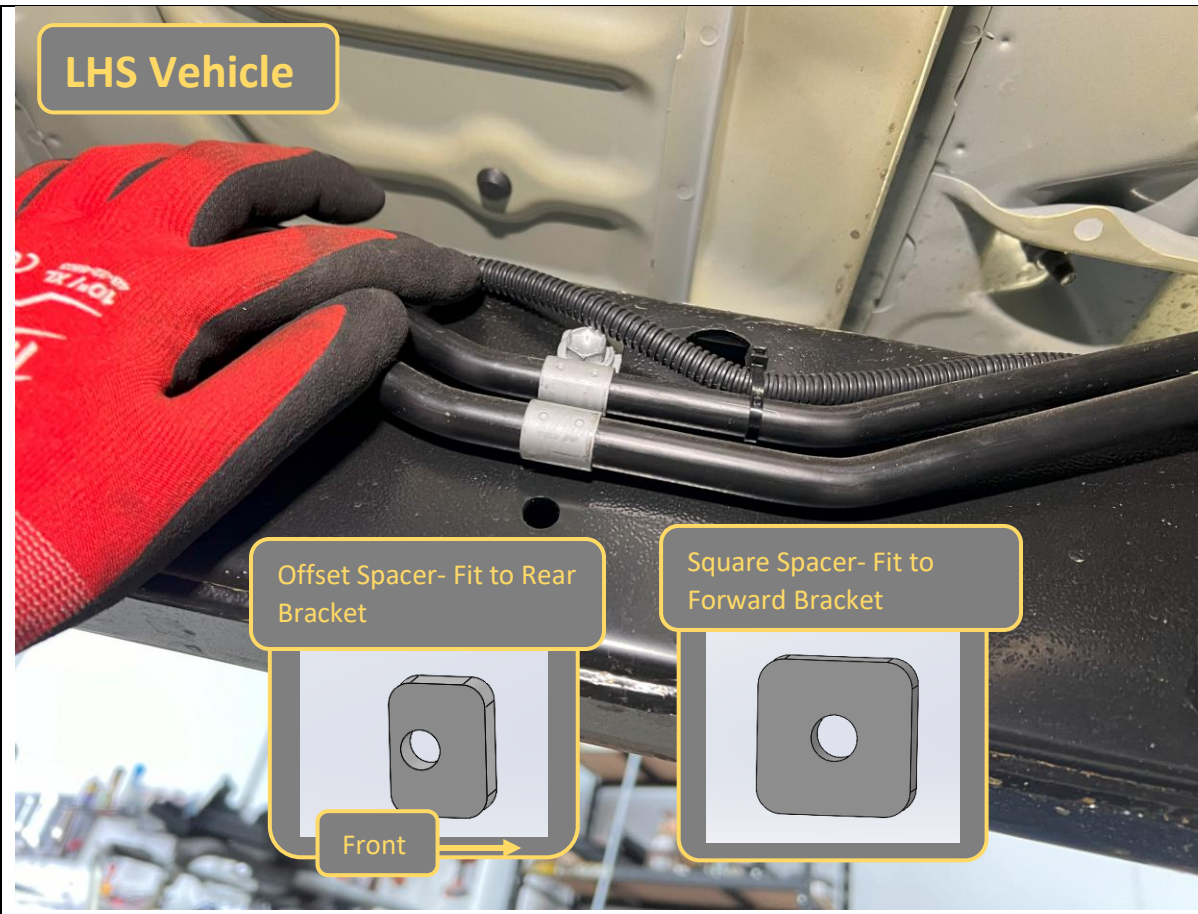


5. Remove 12mm bolts securing the brake lines to the chassis rail. There are 3x bolts on the Outside of the chassis rail and 1x bolt on the back side.
6. Retain bolts for re-fitment after sliders are fitted.

TOOLS REQUIRED

12mm Socket / Spanner

FASTENERSFactory Flange Head bolts,
retain for re-fitment.



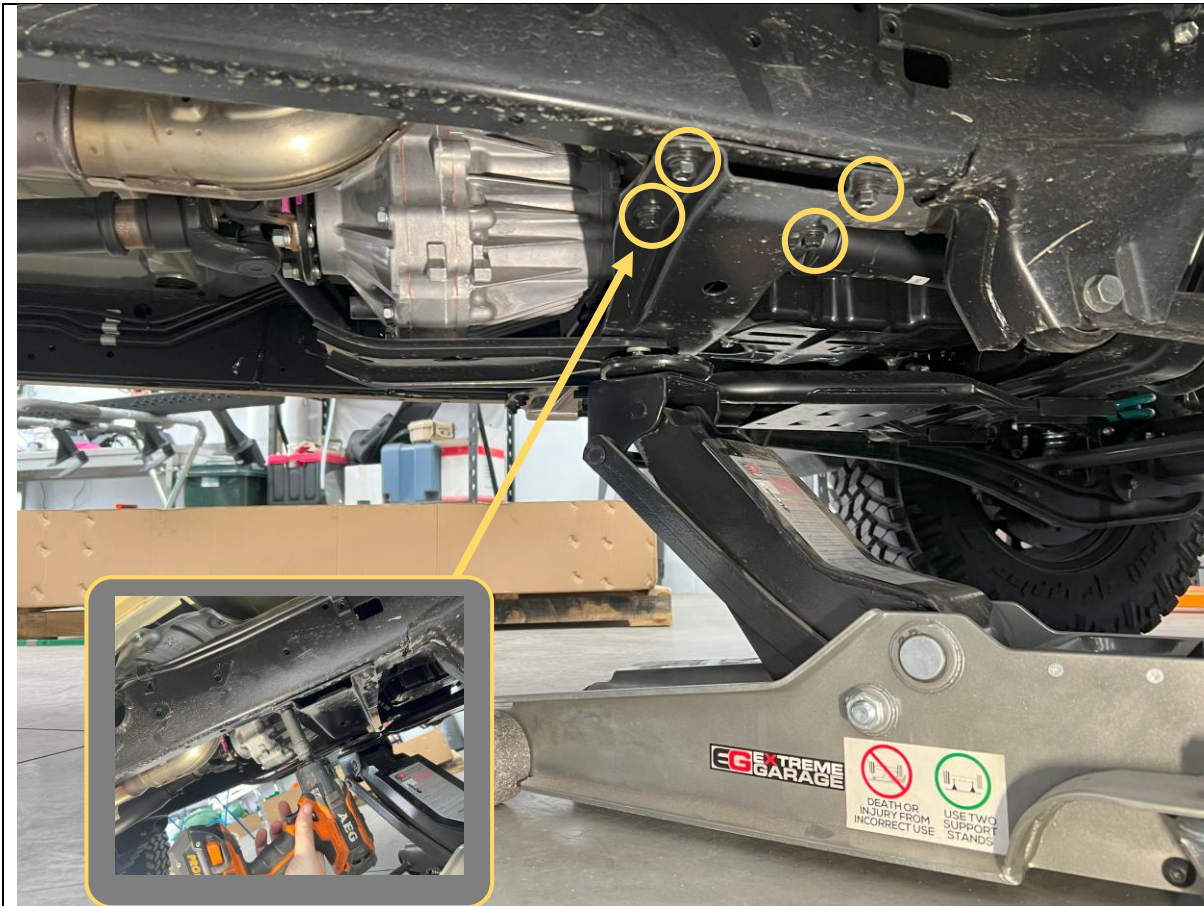
LHS Vehicle

Offset Spacer- Fit to Rear Bracket

Square Spacer- Fit to Forward Bracket

Front

<p>7. On the LHS of vehicle, on the back of the chassis rail, remove the 2x bolts securing fuel lines to the captive nuts in the chassis rail.</p> <p>8. Install the spacer plate between the chassis rail and bracket, and secure supplied M8x20 Hex Bolts and Flat Washers</p> <p>9. Fit the Square spacer to the forward mounting bracket and the offset spacer to the rear mounting bracket, with the larger offset side facing the front of the vehicle.</p>	<p>TOOLS REQUIRED</p> <p>13mm Socket / Spanner</p>
	<p>FASTENERS</p> <p>2x M8x20 Hex Bolt 2x M8 Flat Washer</p>



10. Using a trolley jack, support the transmission crossmember.
11. Remove the 4x 14mm head bolts securing the crossmember the chassis rail. Retain bolts for refitment of slider.

ONLY Remove bolts from 1x Side of the crossmember at a time, for the side you are fitting. The crossmember **MUST** remain supported by the jack whilst the fasteners are removed.

DO NOT Remove bolts from both sides of the crossmember at the same time as the transmission would be unsupported and may fall damaging the vehicle and / or causing injury to fitter.

TOOLS REQUIRED

Lifting Trolley
14mm Socket / Spanner.

FASTENERS

14mm Factory Flange Bolts



<p>12. Unpack welded slider assembly and position on lifting trolley such that mounts sit approximately level.</p>	<p>TOOLS REQUIRED</p> <p>Lifting Trolley</p>
	<p>FASTENERS</p>



13. With assistance from another person fit the slider to the vehicle
14. We find the best way to achieve this is to have one person underneath the car to manipulate the mounts into position and a second person to assist support and position the slider assembly. It is necessary to move the slider inwards first and then up to the final position.

Use supplied shim plates to take up any excess gaps between chassis and U brackets on the mid and rear mounts if required.

15. Ensure the sliders sit directly against the chassis rail and do not pinch or trap any electrical harnesses or fluid lines. The sliders should sit between the spaced-out fuel lines and the chassis rail on the LH side.

TOOLS REQUIRED

Lift Trolley
Patience
Finger Dexterity

FASTENERS



16. Secure the bottom of the front mount to the chassis using the Factory 14mm fine pitch flange bolts removed earlier. Take care when starting the bolts as they are easy to cross thread.
17. Secure the side of the front mount to chassis using supplied M8x30 Hex bolts and HD flat washers. On the front point re-fit through the brake line mounting bracket.
18. Some variants may not have threaded inserts in the chassis. Where there are not threaded inserts in the chassis, use supplied M8 Nut plates to secure the M8 Bolts.
19. Tighten 14mm factory bolts first, then the side M8 Bolts.
20. Once bolts are tightened jack supporting crossmember can be removed.

TOOLS REQUIRED


14mm Socket / Spanner
13mm Socket / Spanner

FASTENERS

4x 14mm Factory Flange Bolts

2x M8x30 Hex bolts
2x HD M8 flat washers

Per Side

	
<p>21. Fit 2x M10x Bolts HD washer and Flange nut to mid and rear mounts. Leave loose at this stage.</p> <p>22. On the RHS at the rear the bolts should sit between the chassis rail and the brake lines, as per the inset image.</p>	TOOLS REQUIRED
	FASTENERS

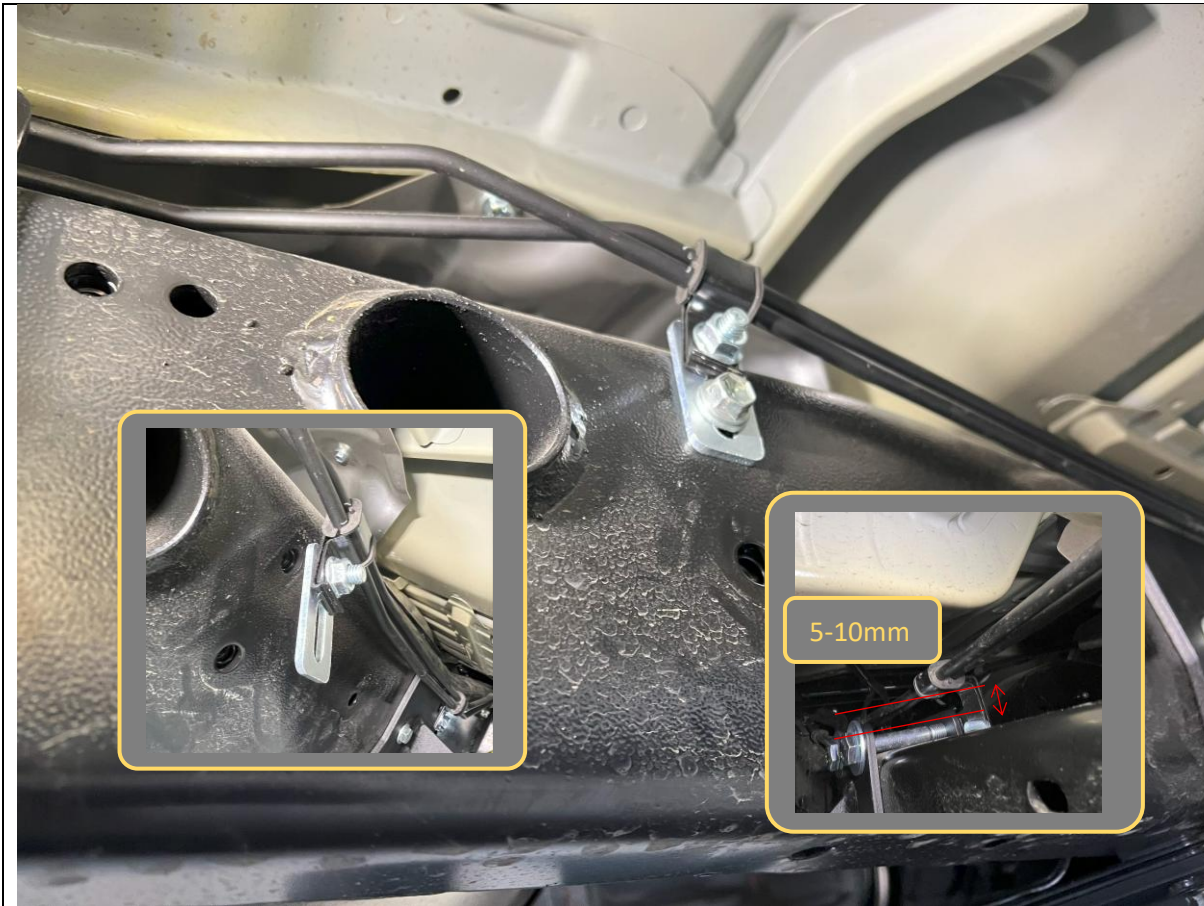


23. Check that step is sitting level to body / chassis. If the step is not level, Adjust the height of the rear mounts using upward pressure with lift table or jack on the bottom of the mount.
24. Once happy with alignment tighten 4x M10 bolts on top of the mounts.
25. The entire slider fitment sequence (Steps 10-24) can now be repeated for the opposite side of the vehicle.

TOOLS REQUIRED

15/16mm socket / spanner

FASTENERS



26. Fit the supplied brake line relocation brackets to the factory brake line brackets using supplied M8 flange nut
27. Fit the brake relocation bracket to the M8 threaded points in the chassis using the Original 12mm flange head bolts
28. Adjust the height of the brackets to ensure approx. 5-10mm clearance to the bolts on the top of the chassis. Tighten all bolts.

TOOLS REQUIRED

12&13mm Spanner / Socket

FASTENERS3xM8 Flange Nut
Factory 12mm Head Flange
Bolts



29. If also fitting Side rails to MY24+ Facelift car equipped with a Toro bulbar do so now, follow instructions supplied with the side rail kit.

This slider is **ONLY** compatible with new **SR-TLC-79-24-ASM0**. It is not compatible with the older SR-TLC-70-07-ASM0 brush rails.

30. If not fitting side rails, fit the supplied M8x16 Black Buton head bolts and Black Washers to cover side rail attachment threads on front end of the slider step.

31. Double Check all fasteners are tight, and you are done!

TOOLS REQUIRED

5mm Hex Key

FASTENERS

3x M8x20 Black Button Head
3x Black M8 Washer



Congratulations!
Head for the tracks and enjoy your newly protected Cruiser!