FITTING INSTRUCTIONS

PART NUMBER AND DESCRIPTION:

3614110 – REAR STEP TOW BAR (RSTB)

SUITED TO VEHICLE/S:

Toyota Hilux 2020 ON SR5

WARNING

NOTE THE FOLLOWING:

- This product must be installed exactly as per these instructions using only the hardware supplied.
- In the event of damage to any tow bar component, contact your nearest authorised ARB stockist.
- Do not use this product for any vehicle make or model, other than those specified by ARB.
- Do not remove labels from this tow bar.
- 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.
- The eyelets on the rear bar have been designed and tested for connection of trailer safety chains. They are not to be used for recovery or direct towing.
- Position high lift jack at lift locations beneath the middle of the wings and corner of the RSTB. Do not lift directly from the end of the wing.
- When using the tow hitch receiver, the centre panel should be in the raised position.

ARB 4x4 ACCESSORIES

Corporate Head Office

42-44 Garden St
Kilsyth, Victoria
AUSTRALIA 3137

Tel: +61 (3) 9761 6622
Fax: +61 (3) 9761 6807

Australian enquiries sales@arb.com.au
North & South American enquiries sales@arbusa.com
Other international enquiries exports@arb.com.au

www.arb.com.au

GENERAL CARE AND MAINTENANCE

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

- Prior to exposure to the weather your bar should be treated to a Carnauba based polish on all exposed surfaces. It is recommended that this is performed on a six monthly basis or following exposure to salt, mud, sand or other contaminants.
- As part of any pre-trip preparation, or on an annual basis, it is recommended that a thorough visual inspection of the bar is carried out, making sure that all bolts and other components are torqued to the correct specification. Also check that all wiring sheaths, connectors, and fittings are free of damage. Replace any components as necessary. This service can be performed by your local authorized ARB Stockist.

FITTING REQUIREMENTS

REQUIRED TOOLS FOR FITMENT OF PRODUCT:

BASIC TOOL KIT	**SIDE CUTTERS**
INSULATION TAPE	**70MM HOLE SAW BIT**
DEUTSCH CRIMPING TOOL	**WIRE STRIPPER**
NEEDLE NOSE PLIERS	**POWER DRILL**
ALLEN KEY SET	**SOCKET SET**
FINE ROUND FILE	**TAPE MEASURE**
MASKING TAPE	**RUST PREVENTATIVE PAINT**

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear 	**Hearing protection** 

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
M12x1.75	77Nm	57lbft
M12x1.25	95Nm	71lbft

PARTS LISTING			
APPLICATION.	**PART NO.**	**QTY**	**DESCRIPTION**
RSTB TO VEHICLE	3194821	2	PLATE ASSY CHASSIS
	4581049	18	WASHER FLAT, 1/2 x 1 1/8 x 3 GOLD ZN
	4581050	14	WASHER SPRING 1/2 x 3/16 x 3/16 ZP
	4654116	1	ASSY RSTB HILUX 15ON WELDED
	6151096	14	BOLT HXHD M12 X 1.25 X 40 CL8.8 ZP
	6151135	4	NUT M12 x 1.25 ZP
WINGS TO RSTB	3135316L	1	WING ASSY SUMMIT RSTB SENSOR L | SUIT HILUX 20ON
	3135316R	1	WING ASSY SUMMIT RSTB SENSOR R | SUIT HILUX 20ON
	3194723	2	PLATE NUT ASSY
	3194724	2	PLATE NUT ASSY
	3199943	1	CAGE PLATE JK JEEP (225mm)
	3759691L	1	BRKT WING MOUNT LH
	3759691R	1	BRKT WING MOUNT RH
	3759746	1	BRKT WING MOUNT
	3759774	1	ASSY SENSOR GUARD MOUNT
	3759776	1	BRKT WING MOUNT LH
	4581020	1	WASHER FLAT M8 x 30 x 3 TZP480
	4581044	3	WASHER FLAT, M8 ZP
	4581046	14	WASHER SPRING M8 x 3/32 x 3/32
	4581063	30	WASHER FLAT, M8 x 25 x 3 GOLD ZN
	6151022	23	BOLT M8 x 1.25 x 25 Gd 8.8 ZP
	6151032	10	NUT NYLOC M8 x 1.25
	6151083	1	BOLT M8x1.25x35 PC8.8 TZP480
	6151303	1	NUT CAGED M8 1.8-3.2
PANELS TO RSTB	3194820	2	PLATE INFILL
	4581082	2	WASHER FLAT, M6 x 19 x 1.6 BZ
	4581304	8	WASHER FLAT, M6 SS
	4584295	10	WASHER FLAT M6 X 12 X 1.3 BLK ZN
	5670026	2	SPRING EXT 11.25 OD X 43
	5848302	2	PACKER RB NYLON
	6151213	4	BOLT M6 x 1.0 x 20 Gd8.8 BZ
	6151256	20	SCREW BHD M6x16 | SS MG304
	6151549	6	NUT NYLOC M6 x 1.0 GR8.8 BTZP480
	6151715	18	NUT CAGED M6 3.6-4.5 | 836-D
	6523002	1	PANEL ASSY LIFT UP
	6523422	1	PANEL DIFFUSER SUMMIT RSTB R | SUIT HILUX 20ON
	6523423	1	PANEL DIFFUSER SUMMIT RSTB L | SUIT HILUX 20ON
	6523428L	1	PANEL BEAVER SUMMIT RSTB LHS | SUIT HILUX 20ON
	6523428R	1	PANEL BEAVER SUMMIT RSTB RHS | SUIT HILUX 20ON
	6602011	2	CANOE CLIP

LICENCE PLATE	3194833	1	PLATE 10MM SPANNER
	3759695L	1	BRKT NUMBER PLATE MOUNT LH
	3759695R	1	BRKT NUMBER PLATE MOUNT
	3759773	1	BRKT ASSY NUMBER PLATE MOUNT
	4581082	2	WASHER FLAT, M6 x 19 x 1.6 BZ
	4581287	2	WASHER SPRING M6 x 2.5 x 1.6 BLK ZN
	4584295	14	WASHER FLAT M6 X 12 X 1.3 BLK ZN
	5848302	2	PACKER RB NYLON
	6151213	4	BOLT M6 x 1.0 x 20 Gd8.8 BZ
	6151384	4	SCREW ST PHD 5.2x16 | PH PC8.8 BTZP480
	6151459	4	SCREW BTN HD M6 x 16 BZ
	6151549	6	NUT NYLOC M6 x 1.0 GR8.8 BTZP480
	6821189	4	GROMMET RND FC 1500 080 090

TOW TONGUE	4761170	1	TOW TOUNGE ASSY 45DEG
	55010	1	TOW BAR PULL PIN
	55020	1	SPRING CLIP

MISC	180302	10	CABLE TIE 4.8 X 180 MM BLACK
	3789454	1	TEMPLATE HILUX 2015 WING H/CUT
	3789470	1	TEMPLATE HILUX 2015 NUM PLATE

TRAILER WIRING

The following trailer wiring solutions can be purchased from ARB. Purchase the main wiring harness with ECU (Part no. 3600010) in conjunction with the appropriate socket and tail listed below. Alternatively, this product is compatible with the factory trailer wiring solution.

To install this loom, a crimping tool suitable for crimping contact type size 16 Deutsch pins is required. Suitable crimping tools can be purchased from auto electrical wholesalers as shown.

APPLICATION	PART NO.	QTY	DESCRIPTION
TRAILER WIRING	3600010	1	RSTB WIRING INCLUDING ECU
	3600020	1	RSTB SOCKET & TAIL | 7 PIN FLAT
	3600030	1	RSTB SOCKET & TAIL | 12 PIN FLAT
	3600040	1	RSTB SOCKET & TAIL | 7 PIN ROUND LRG
	3600050	1	RSTB SOCKET & TAIL | 7 PIN ROUND SML

OPTIONAL ACCESSORIES

The following ARB accessories can be fitted to this product:

APPLICATION	PART NO.	QTY	DESCRIPTION
OPTIONAL ACCESSORIES	171403	1	ARB AIR LINE FITTING
	10600030	1	ARB TRAILER CAMERA KIT
	58X22/A	1	RECOVERY HITCH AND SHACKLE
	6594050	1	50 AMP ANDERSON PLUG

AIR LINE FITTING

TRAILER CAMERA KIT

RECOVERY HITCH

ANDERSON PLUG

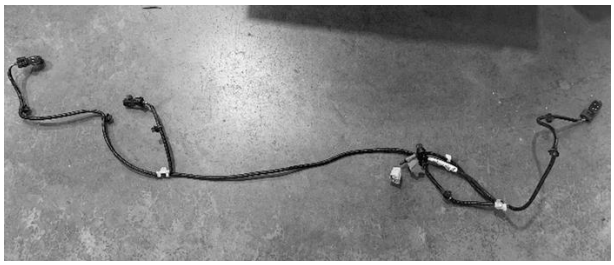
GENUINE ACCESSORIES REMOVAL

Removal of rear bumper bar:

1. Disassemble the bumper bar from the chassis bar by removing 2 M12 bolts from each side as shown.

Note: Prior to removing the bumper, ensure to disconnect the sensor plug.

2. Ensure to mark out orientation and sequence of sensors prior to removing from OE bumper. Retain clips, housing and sensors for re-fitment at a later step.



LHS:

3. Remove the 2 M8 bolts from the headlight levelling sensor guard and then remove the M8 bolt from the cable clamp

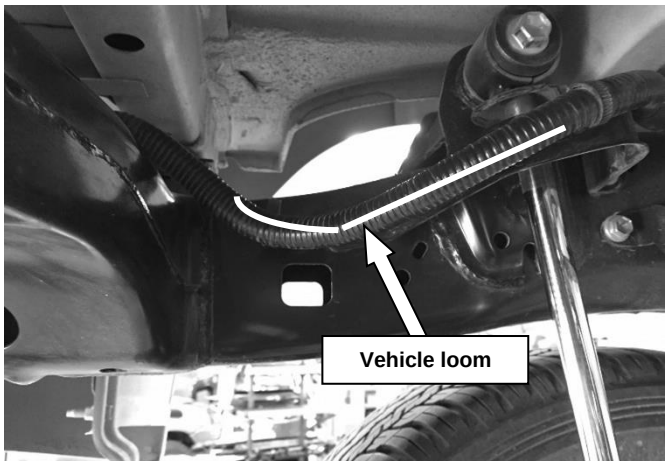
4. Remove the spare wheel from beneath the tub using the wheel nut wrench and jack handle pieces supplied with the vehicle. Insert as shown through the access slot above the number plate position and rotate counter-clockwise to release the wheel.

VEHICLE/RSTB WIRING

A trailer wiring solution that incorporates a smart ECU is available for this vehicle. To fit this solution, the rear vehicle wiring harness must be cut and high quality, waterproof Deutsch connectors installed to provide signal pickup points for the ECU.

To install this loom, a suitable crimp tool is required. Refer to Page 5 for more details about the crimp tool.

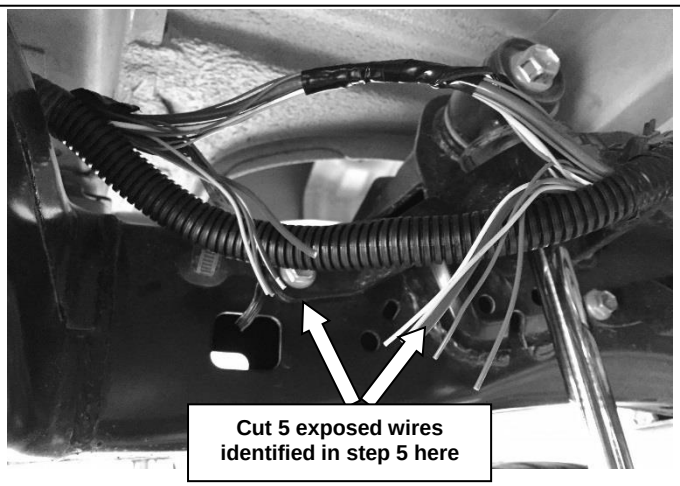
Follow the steps below to install the trailer wiring solution:



LHS:

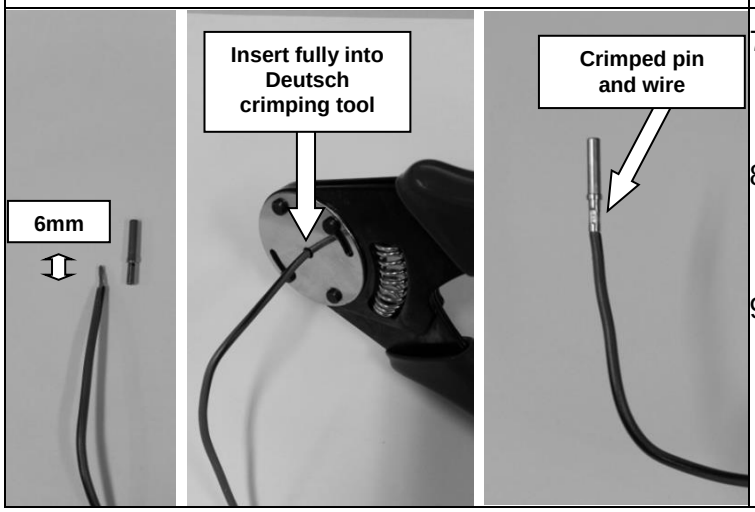
5. Locate the vehicle loom on the left hand chassis rail near rear shock absorber mount as shown. Remove tape if present, and expose 200mm of the following coloured wires from the split corrugated tubing:

Yellow	(LH Indicator)
Red	(Reverse)
Light Blue	(RH Indicator)
Blue	(Brakes)
Green	(Clearance)



Note: Prior to cutting the exposed wires, please ensure and re-check (with a test light or multimeter) that the correct wires have been identified as per their corresponding function, as there are multiple wires of the same colour in the vehicle loom.

6. Cut a 90mm section from the centre of the 5 exposed wires. This will leave ~55mm of wire before they re-enter the corrugated tubing at each end.

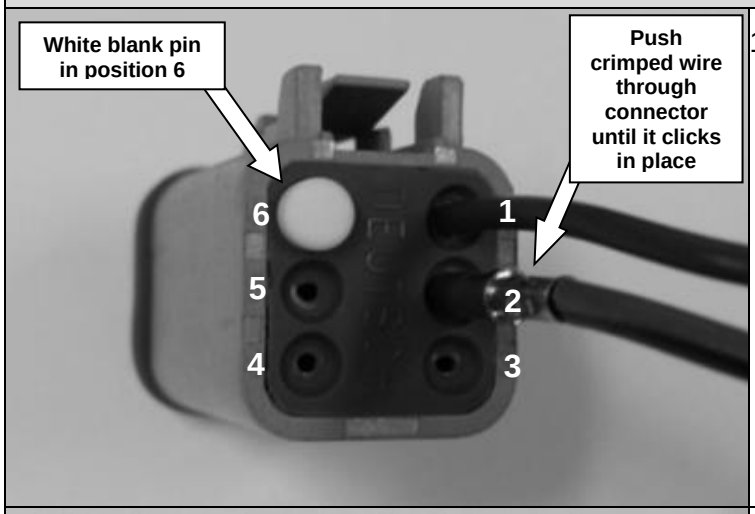


7. Remove 6mm of the plastic insulation coating from the end of each newly cut wire.

8. Insert each wire into the shorter end of a metal Deutsch pin.

9. Insert the longer end of the metal Deutsch pin into a crimping tool and crimp the wire and pin together as shown.

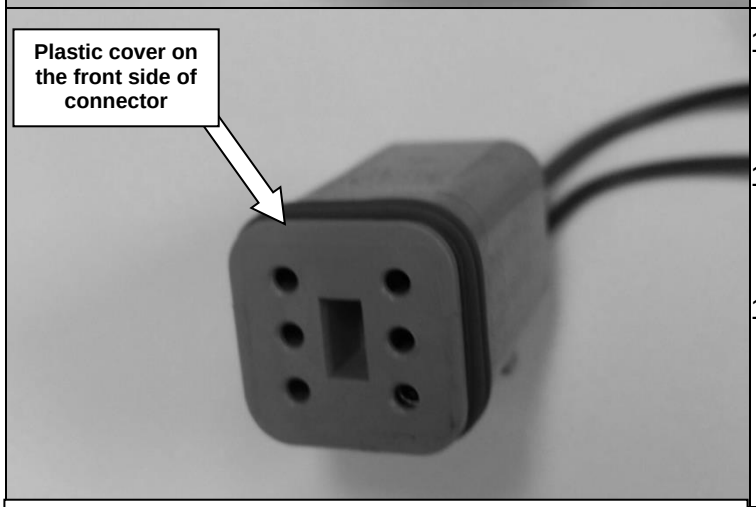
VEHICLE/RSTB WIRING



10. Insert one set of wires into a male 6-pin connector from the back in the following order:

Pin position	Wire colour
1	Yellow
2	Red
3	Light Blue
4	Blue
5	Green

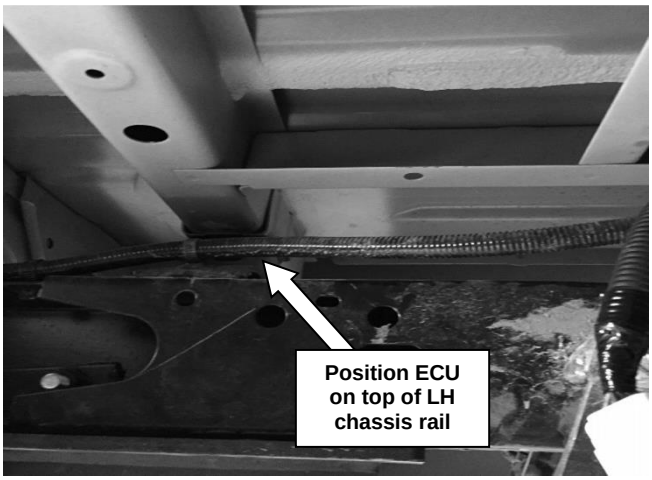
Note: Pin positions are shown on the back of the connector.



11. Insert the white blank pin into position 6 as shown in the previous step.

12. Insert the plastic cover to the front of the connector as shown.

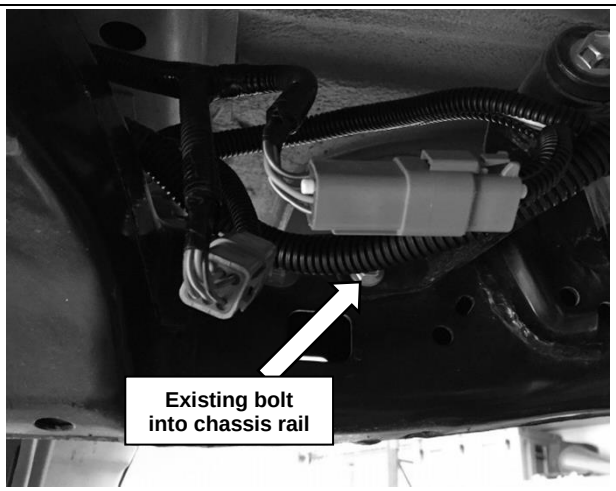
13. Repeat steps 7-9 for the other connectors.



LHS:

14. Position ECU on top of LH chassis rail behind cross member as shown. Secure using the ECU mounting holes and chassis rail holes with 2 cable ties.

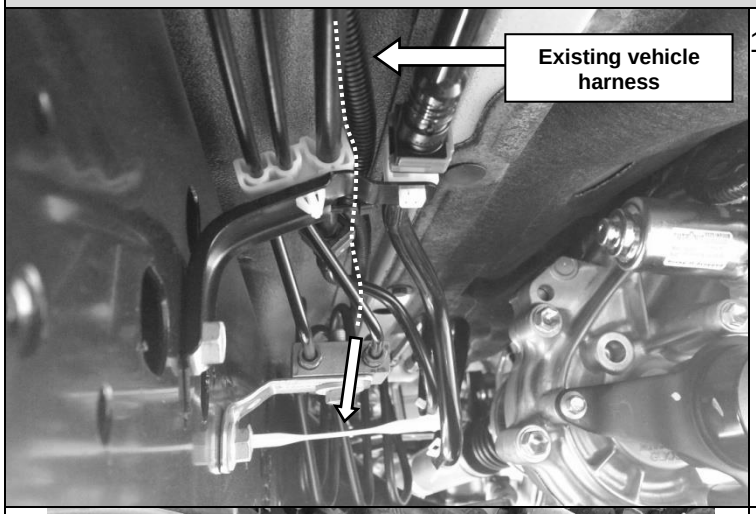
15. Connect the ECU unit to the RSTB wiring harness using the large 12 pin connector.



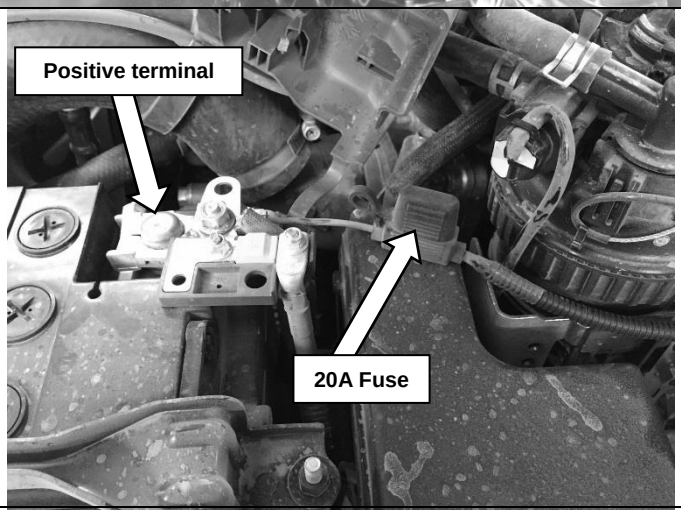
LHS:

16. Connect the ground wire of the RSTB harness to the bolt on the LH chassis rail near the rear shock absorber mount.

VEHICLE/RSTB WIRING

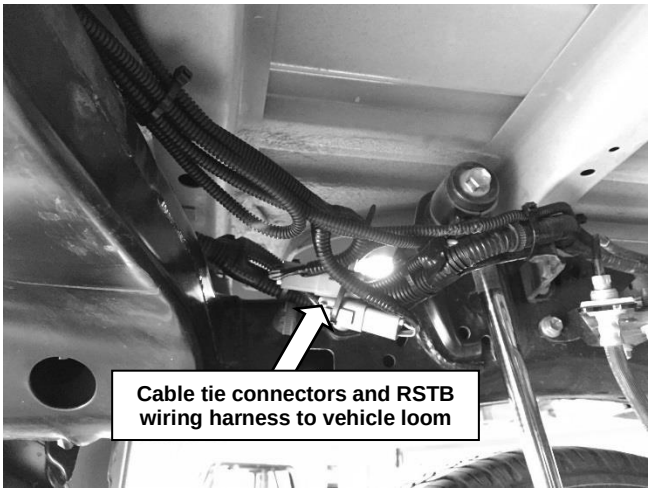


17. Route the positive supply wire to the front of the vehicle following the existing vehicle harness along the left chassis rail.



18. Continue routing the positive supply wire through the engine bay to the battery.

19. Connect the positive supply wire to the positive terminal of the battery using the existing bolt as shown.



20. Connect the RSTB wiring harness to the 2 male 6-pin connectors.

    Note: The RSTB wiring harness is not polarity sensitive in this region so the male 6-pin connectors can be connected to either female connector.

21. Ensure vehicle tail lights function correctly.

22. Fasten the connectors to the vehicle loom using the cable ties provided.

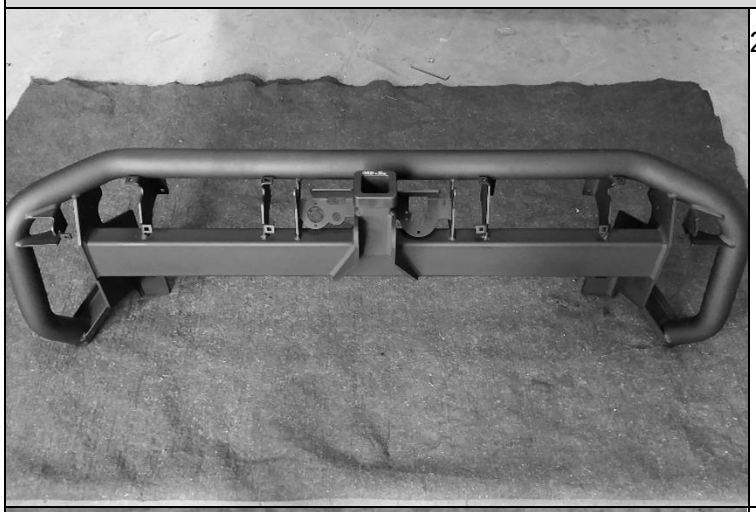
23. Re-wrap the un-cut wires with the existing split corrugated tubing and new tape.

24. Tidy and fasten all wiring using the cable ties provided.

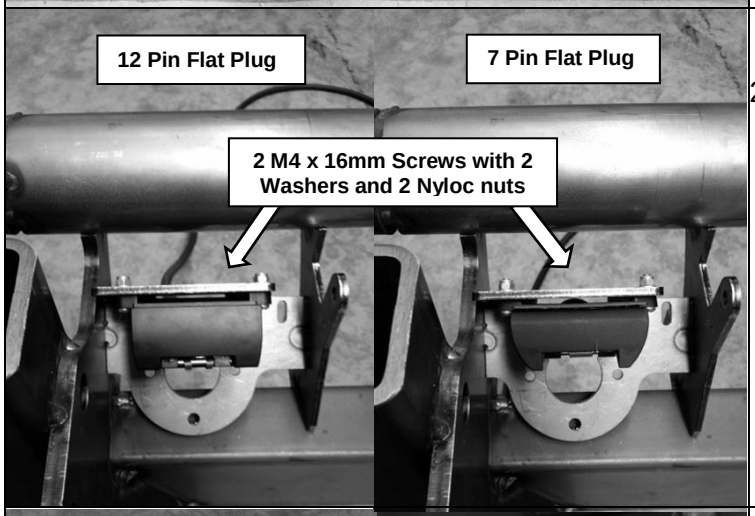
    Warning: Make sure all wires are securely fastened away from any hot, sharp or moving surfaces. Do not fasten wiring harness to fuel or brake lines.

25. Ensure vehicle tail lights function correctly.

PREPARE REAR STEP TOW BAR (RSTB)

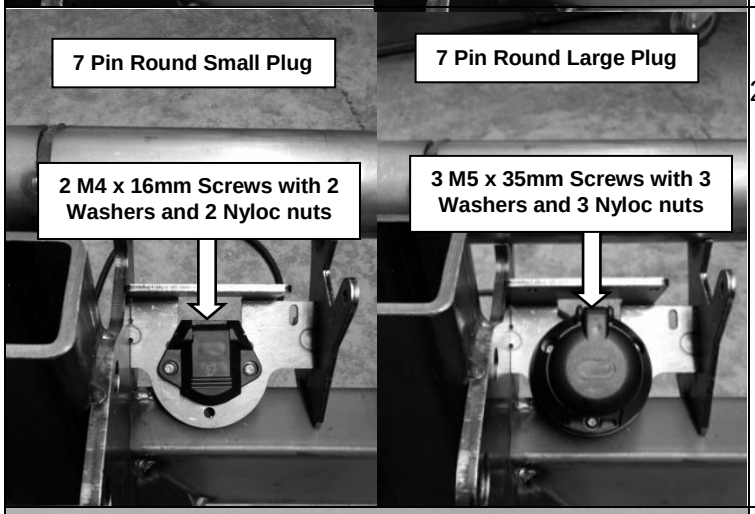


26. Place the RSTB on a flat surface that will not damage its coating as shown.



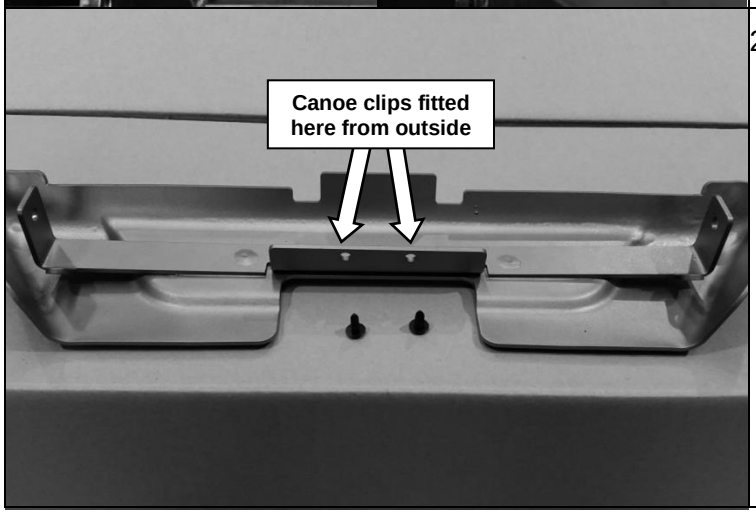
For fitment of flat trailer plugs:

27. Using the appropriate mounting holes as shown and fasteners supplied with the trailer plug, attach the trailer plug to the trailer plug bracket on the RSTB.



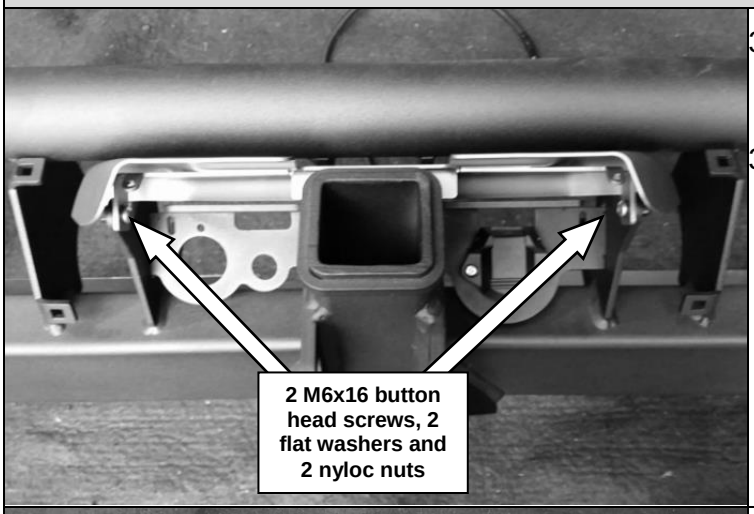
For fitment of round trailer plugs:

28. Using the appropriate mounting holes as shown and fasteners supplied with the trailer plug, attach the trailer plug to the trailer plug bracket on the RSTB.

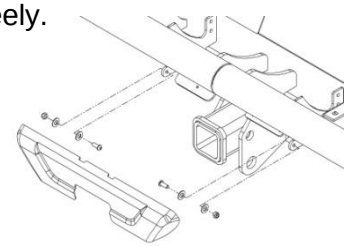


29. Fit 2 plastic canoe clips to the lift up panel using the holes as shown.

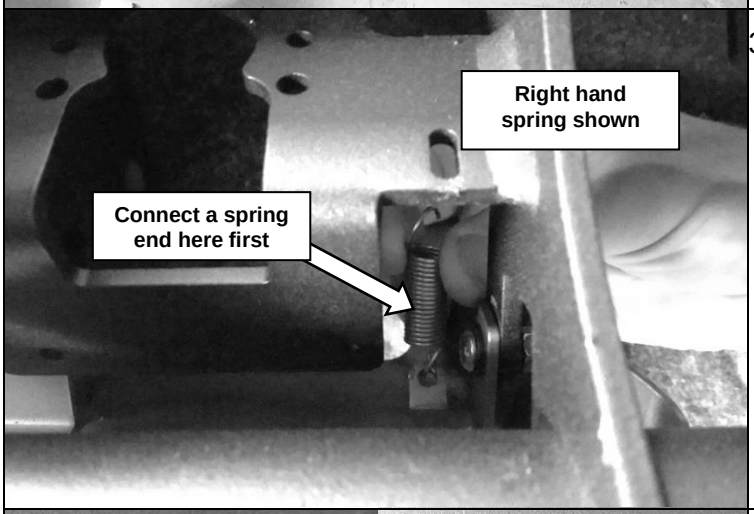
PREPARE REAR STEP TOW BAR (RSTB)



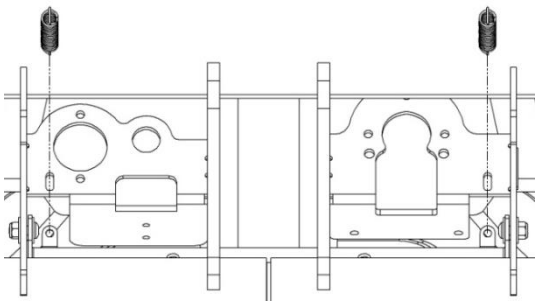
30. Attach the lift up panel to the pivot plates on the RSTB using 2 M6x16 button head screws, 4 M6 flat washers and 2 M6 nyloc nuts.
31. Tighten the screws enough to ensure the lift up panel is centralised with minimal sideways movement, but still able to lift up and down freely.

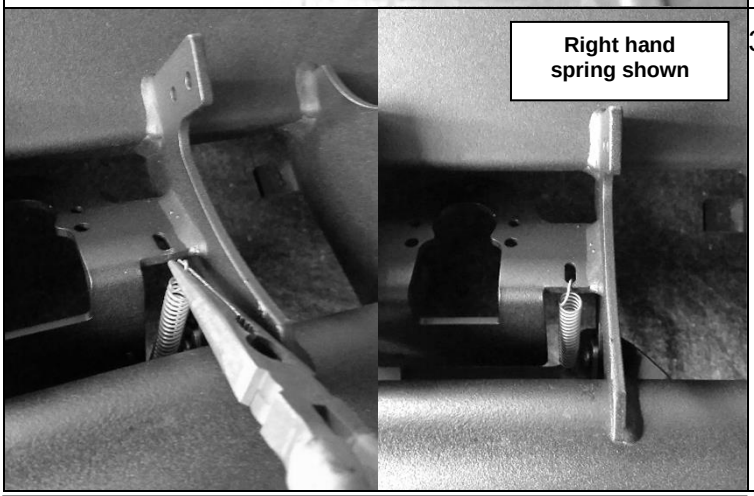


32. Rotate the RSTB 90° so it is now resting flat on the ground as shown.



33. Connect 2 springs between the RSTB and lift up panel. From above, first connect one end of each spring to the lift up panel as shown.

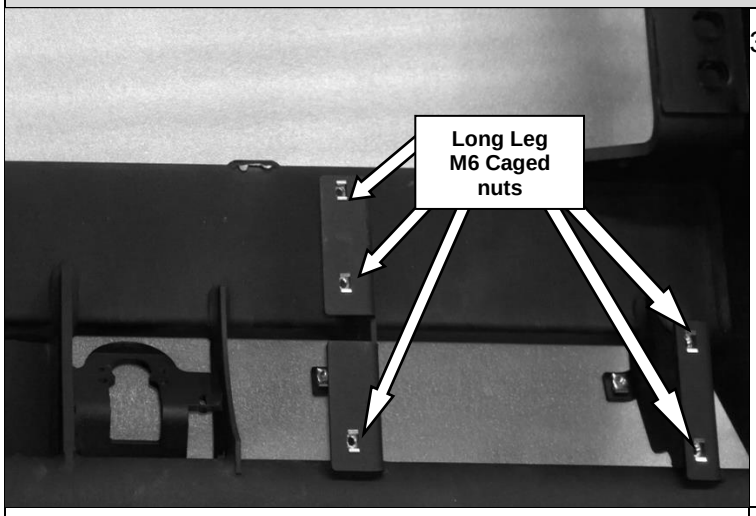




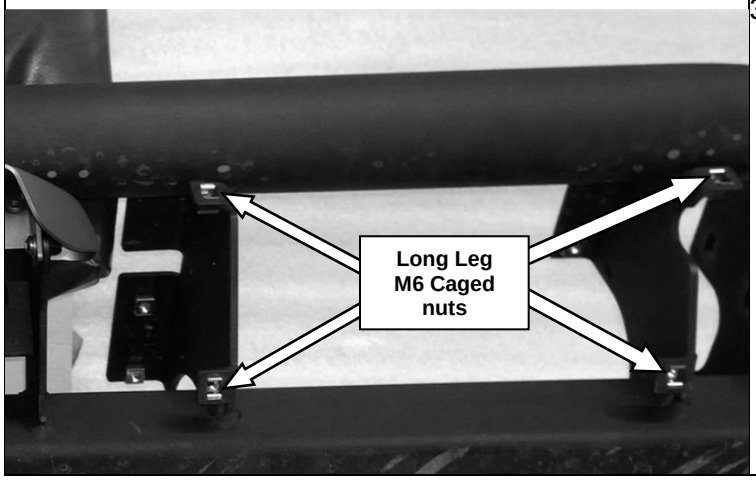
34. Using pliers, stretch the free end of each spring up to the bracket on the RSTB as shown.

Warning: Safety glasses should be worn for this operation as the spring may slip off the pliers if not clamped tightly

PREPARE REAR STEP TOW BAR (RSTB)

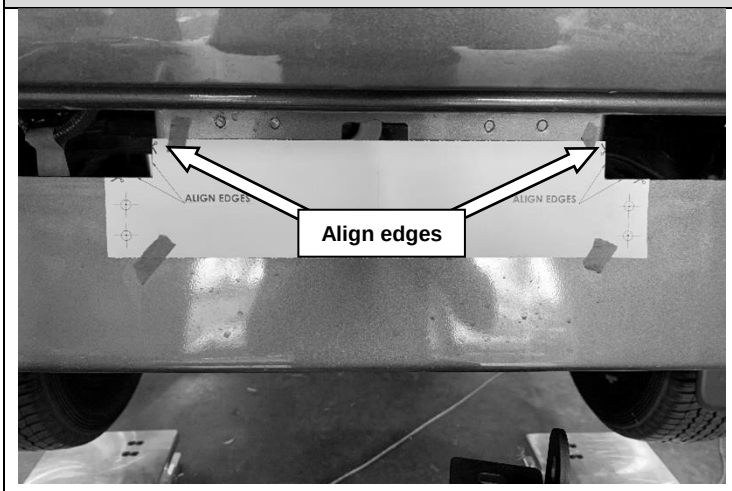


35. Fit 10 long-leg M6 caged nuts to the RSTB. Fit 5 caged nuts to the right side as shown and 5 cage nuts to the left hand side.

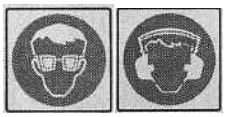


36. Rotate and support the RSTB and fit 8 long-leg M6 caged nuts. Fit 4 caged to each side of the bar (as illustrated in the image to the left)

RSTB TO VEHICLE



37. Place the number plate drilling template on the rear panel of the tub as shown. When aligned, use masking tape to hold in place.
38. Center-punch the 4 holes, remove template and drill to Ø6.5mm and de-bur each holes to remove all sharp edges.

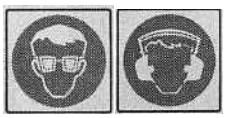


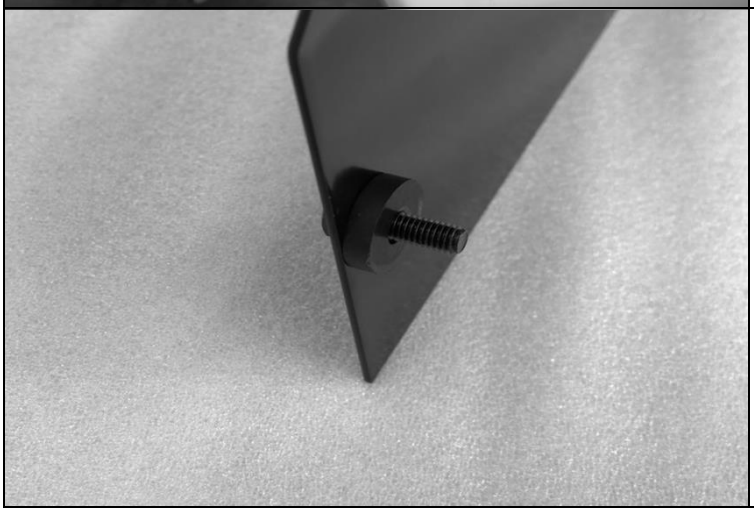
RHS:

39. Temporally fasten beaver panel to rear of tub, and align upper edge of beaver panel, so it is parallel with lower edge of the tailgate (as illustrated in the image to the left).

RHS:

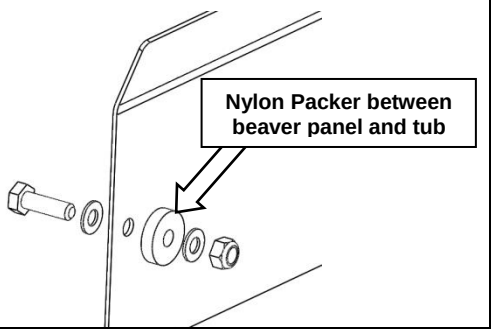
40. When aligned, drill Ø6.5mm hole through tub face. Remove temporary fasteners that hold the beaver panel in place. De-bur the hole to remove all sharp edges.
41. Treat all raw edges with a rust preventative paint.





RHS:

42. Insert M6X20 bolt and washer through beaver panel and position spacer as shown.



RSTB TO VEHICLE

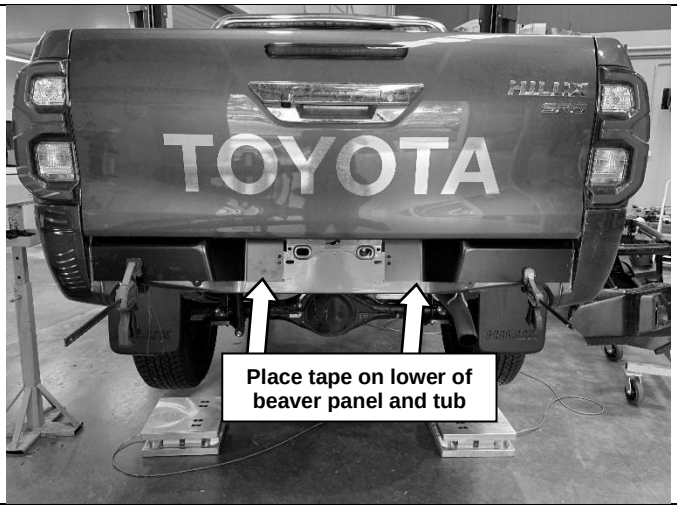
RHS:

43. Attach beaver to rear of tub (as shown in the image to the left), using a single M6 fastener.

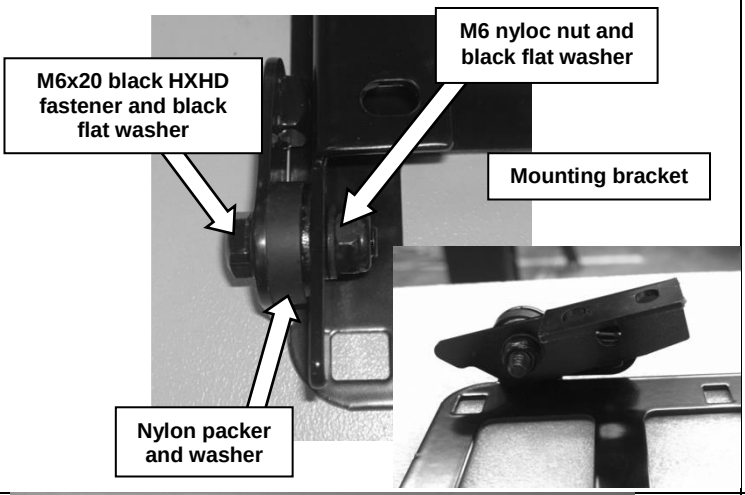
M6 X 1.0 - 9 **Nm.**

LHS:

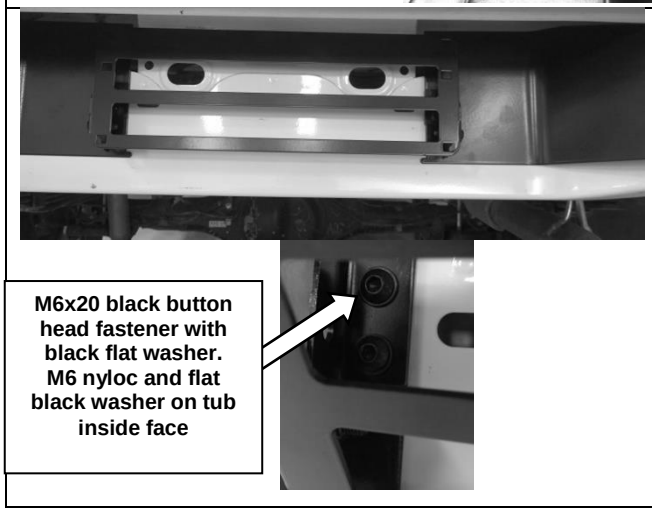
44. Repeat steps 39 to 43 for left hand side.



45. Place tape in the center section to temporally hold beaver panel in place.



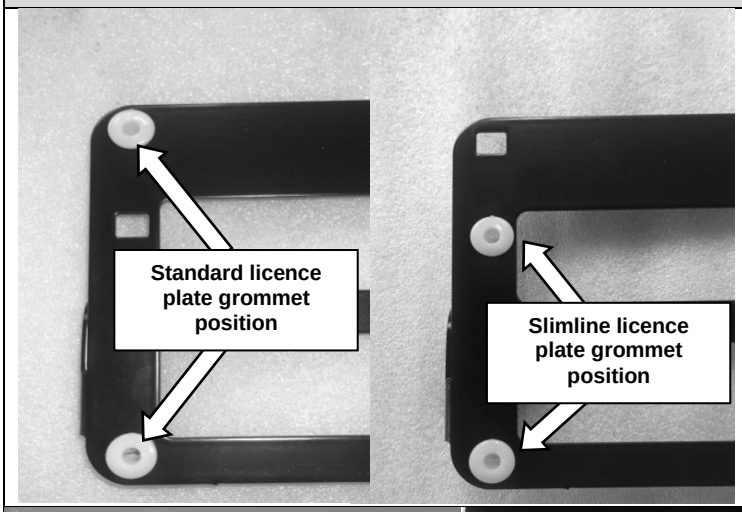
46. Assemble license plate bracket as shown taking note of mounting bracket orientation. Repeat step for opposite side of license plate bracket.
47. Tighten the screws enough so the brackets can be rotated by hand but not freely by themselves.



48. Fix the license plate assembly to the beaver panel using 4 M6x1.0x16 button head screws, 8 M6 flat washers (black), and 4 M6 nyloc nuts as shown.
49. Tighten all screws to the specified torque.

M6 X 1.0 - 9 **Nm.**

RSTB TO VEHICLE



50. Insert 4 plastic grommets into number plate frame to suit licence plate size

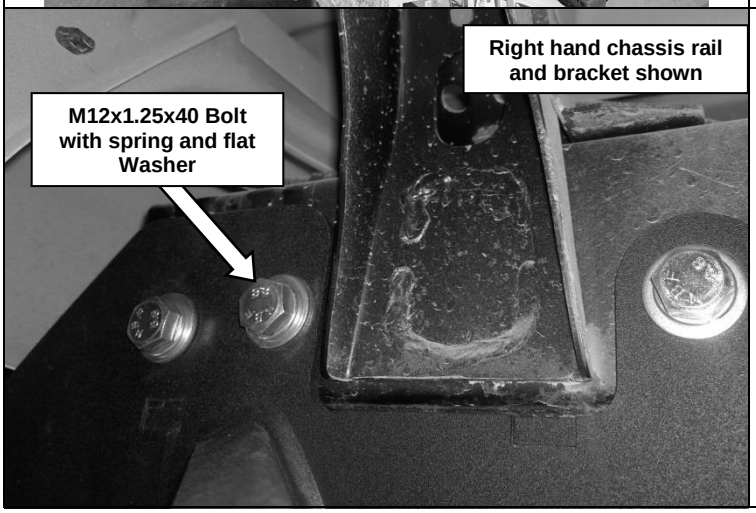
51. Using 4 screws supplied fasten licence plate to frame.

52. Screw in partially 2 M6 X 20 black hexhead fastener along with black M6 washer and spring washer into upper hole of licence plate frame (both sides).

    Note :These fasteners are used to stop licence plate frame from rotating to an open position when the vehicle is in motion.

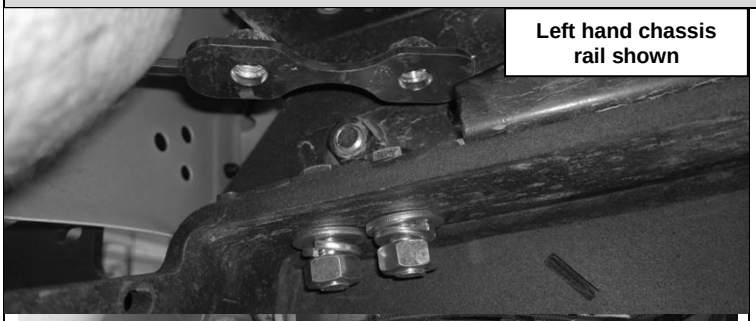
53. With the assistance of other people or a lifting device, lift the RSTB up beneath the chassis rails aligning the threaded holes in the side of the chassis with those in the vertical surfaces of the RSTB.

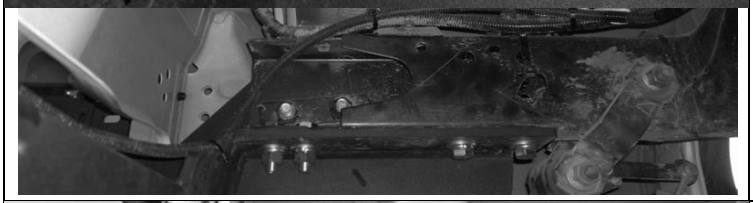
Note: Take care to ensure the trailer plug wiring is not damaged during this step.



54. Fix the vertical plates of the RSTB to the threaded holes in each chassis rail using 3 M12x1.25x40 (fine pitch) hex head bolts, 3 M12 spring washers and 3 M12 flat washers per chassis rail. Leave finger tight at this stage.

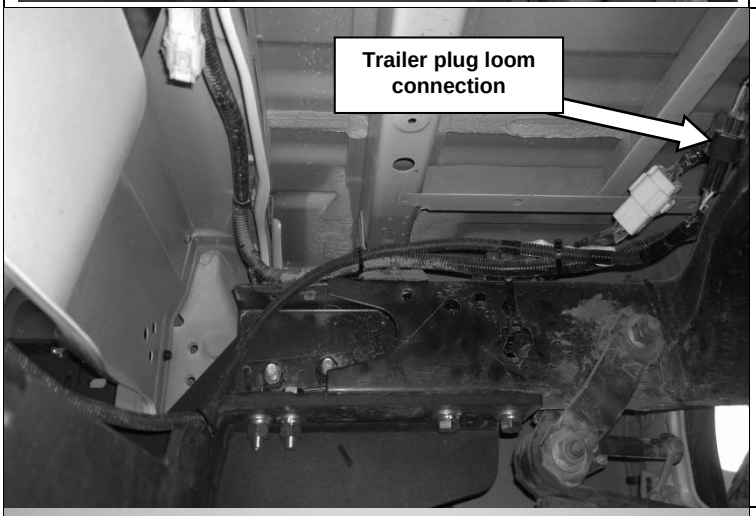
RSTB TO VEHICLE





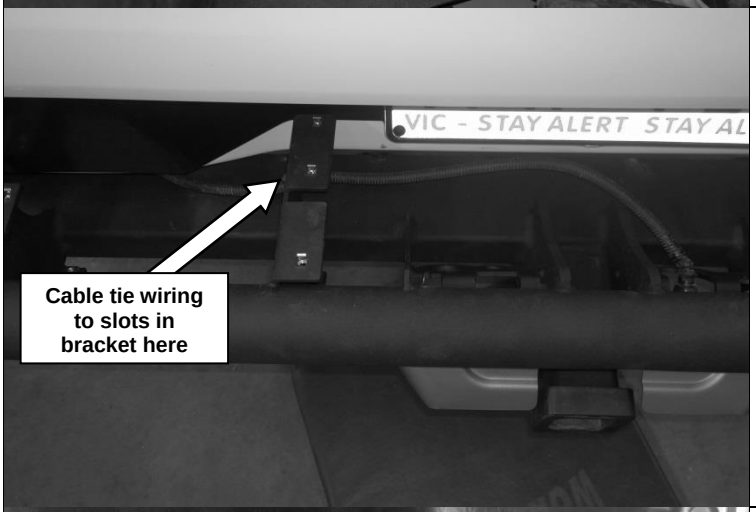
55. Fix the front two horizontal mount points using M12x1.25x40 (fine pitch) hex head bolts, flat /spring washer and nut.
56. Insert chassis plate in chassis and fasten the remaining horizontal mount points using 2 M12x1.25x40 (fine pitch) hex head bolts, 2 M12 spring washers and 2 M12 flat washers
57. Check RSTB spacing to vehicle and tighten all fasteners to the specified torque.

    M12 X 1.25 - **95 Nm.**



58. Route the trailer plug loom through the RSTB and attach to the appropriate connector on the RSTB wiring harness or vehicle loom as shown.
59. Ensure all trailer tail lights function normally.

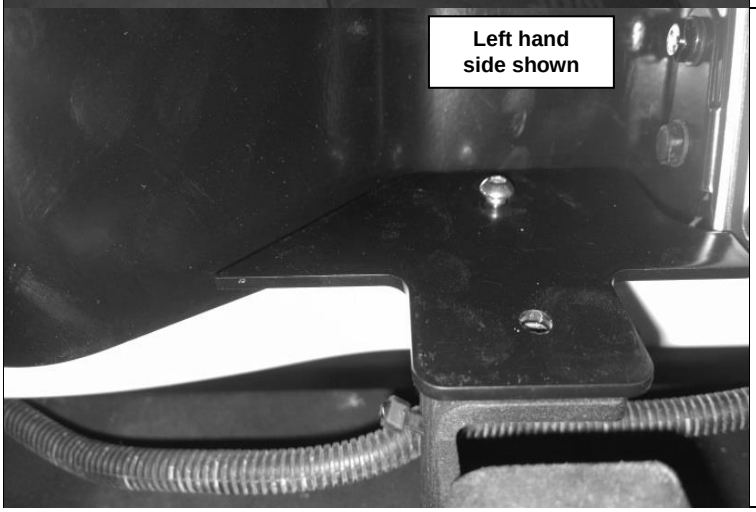
    Note: Test that the trailer park, brake and reverse lights function normally. Also test the left and right indicators along with the hazard setting.



60. Tidy and fasten all wiring using cable ties and the slots in the RSTB brackets, as well as existing fastening locations.

    Warning: Make sure all wires are securely fastened away from any hot, sharp or moving surfaces. Do not fasten wiring harness to fuel or brake lines.

61. Ensure trailer tail lights function normally as per step 59.



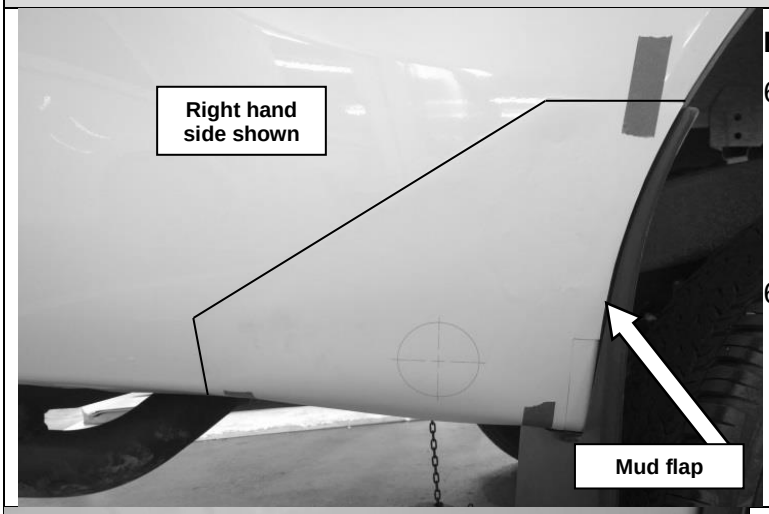
62. Fit infill plate on either side of licence plate as shown using 1 M6 X 16 Stainless button head screw per infill plate. Only hand tighten fastener at this stage ensuring second hole is aligned.

RSTB TO VEHICLE

63. Attach the step plate extrusion to the RSTB using 8 M6x1.0x16 button head screws. Proceed to tighten fasteners installed in step 62.

    NOTE : Do not install washers under the 8 M6 button head screws that are fixing the step plate extrusion to the RSTB

PREPARE RSTB/VEHICLE FOR PANELS



RHS:

64. Place the cutting template on the right hand rear side panel of the tub aligning it with the wheel arch edge of tub and bottom edge of the tub. Use masking tape to hold in place.

65. Mark the centre of the cutting hole on the rear side panel and then remove the template.

RHS:

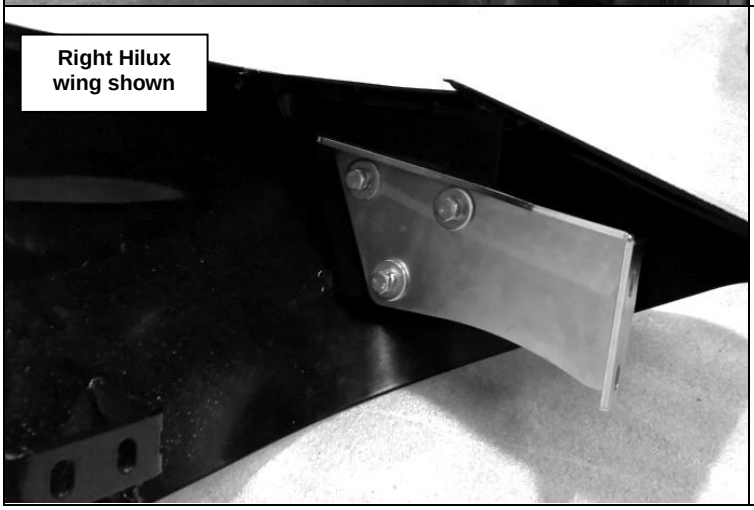
66. Using a Ø70mm hole-saw, drill through the rear side panel using the mark from the previous step as the centre point of the hole.

LHS:

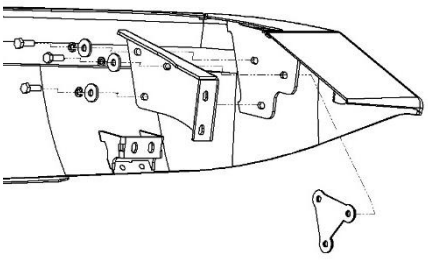
67. Repeat steps 64 to 66 for the left hand rear side panel using the opposite side of the template.

68. De-bur each hole to remove sharp edges.

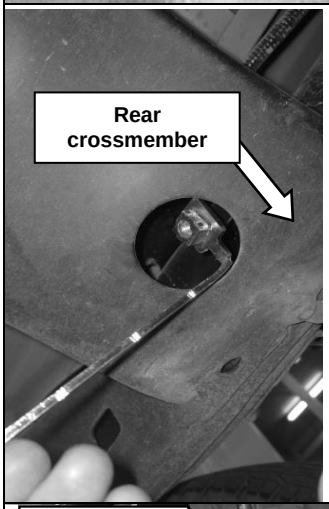
69. Treat raw edges with a rust preventative paint.

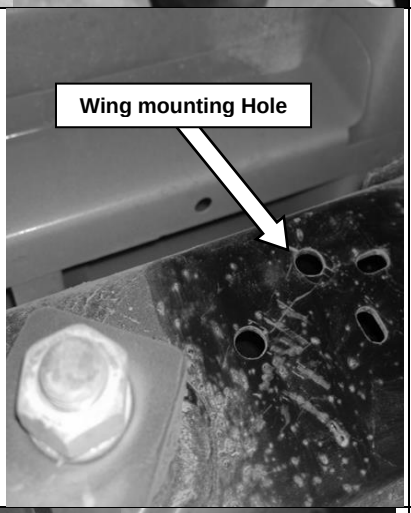


70. Fix a wing mount bracket to each Hilux wing using 3 M8x1.25x25hex head bolts, 3 spring washers, 3 flat washers and a wing triple nut plate. Orientate each bracket as shown. Leave bolts finger tight at this stage
.



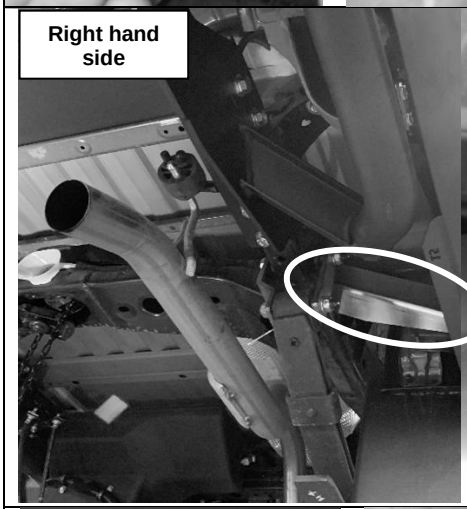
71. Place a wing double nut plate inside the middle bracket of each Hilux wing as shown.





RHS:

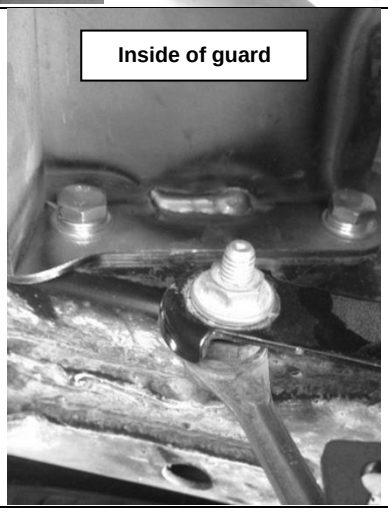
72. Assemble M8 cage nut and plate, bend to slightly less than 90deg as shown and insert into chassis through hole in cross member.
73. Check to ensure cage nut plate is accessible to insert M8 X 1.25 fastener through hole in chassis rail as shown.



RHS:

74. Align the right hand wing mountstrut hole with the nut plate inserted in steps 72 and 73, and fasten using 1 M8x1.25x35 hex head bolt, 1 M8 spring washer and 1 M8X30X3 flat washer. Leave finger tight at this stage.

Note: Struts should be positioned with leading edge towards wheel arch as shown.



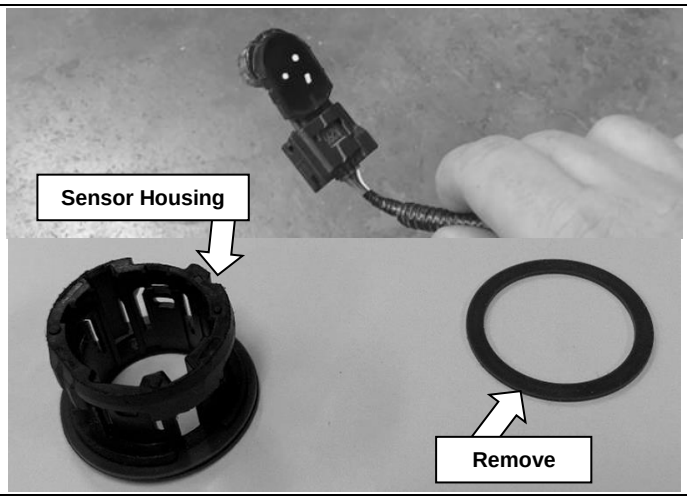
LHS:

75. Fit the sensor guard mount using 3 M8X1.25X35 hex head bolts, 3 M8 spring washers and 3 M8 standard flat washers. Ensure cable retaining mount is fitted and anti-rotation is located in slot of bracket.

PREPARE RSTB/VEHICLE FOR PANELS

LHS:

76. Fit left hand wing mount as shown using 2 M8x1.25x25 hex head bolts, 4 M8 flat washers and 2 M8 nyloc nuts. Do not fully tighten at this stage.



77. Disconnect sensors 1 to 4 from sensor loom.

78. For sensors 1 and 4 (outer-most sensors), remove the rubber grommet located in the sensor housing (as illustrated in the image to the left).

79. Install the sensor housings for sensors 1 and 4 in the wings. Ensure the housing feet are fully engaged, and that the sensor is in the same sequence and orientation as the OE bumper.

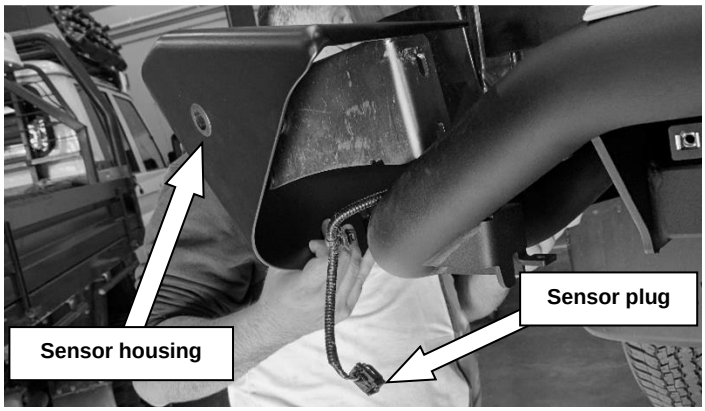
80. Install OE sensor clip.

81. For sensors 2 and 3 (inner sensors), install the sensor housing, sensor and sensor clip in the diffuser panels. Ensure the housing feet are fully engaged, and that the sensor is in the same sequence and orientation as the OE bumper.

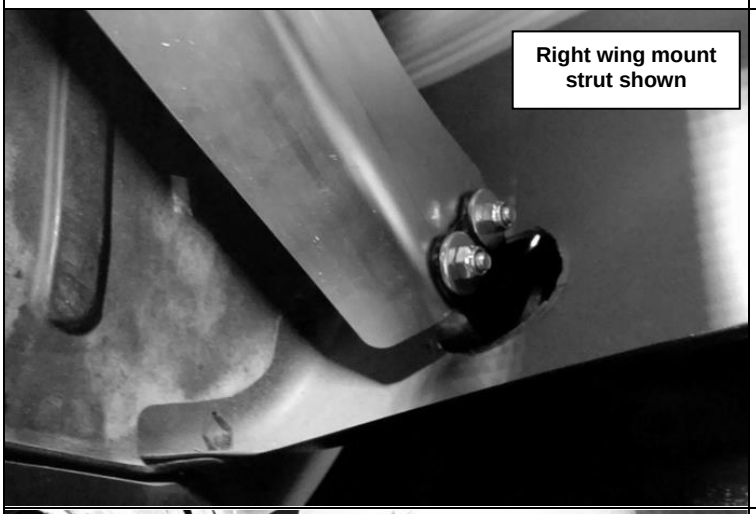
PANELS TO RSTB/VEHICLE

82. With the assistance of other people or a lifting device, position the Hilux wings next to the rear side vehicle panels. Take care not to damage the vehicle when positioning the Hilux wings.

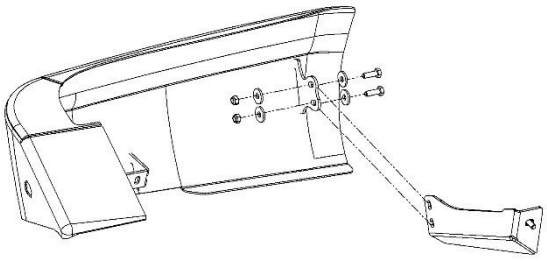
    Apply masking tape to tub to eliminate any damage to paintwork when positioning wing

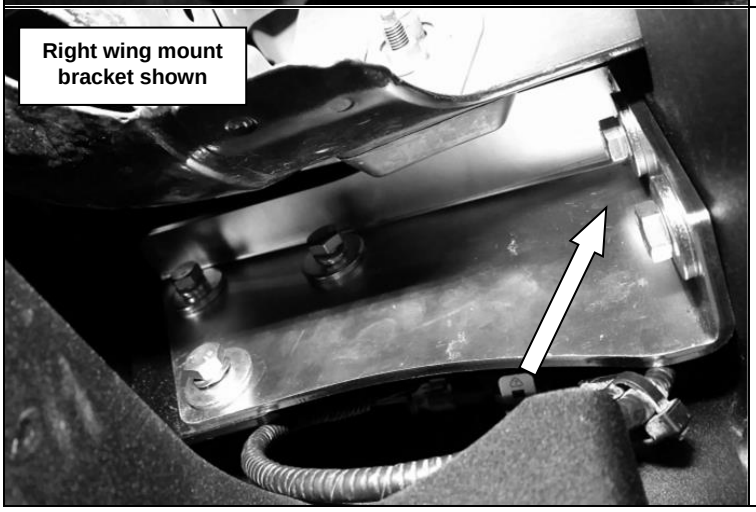


83. Reach up into the wing and plug the sensor into the sensor plug



84. Pass the front bracket of each Hilux wing through the Ø70mm hole in the tub and fasten to the wing mount strut using 2 M8x1.25x25hex head bolts, 4 M8 flat washers and 2 M8 nyloc nuts. Do not fully tighten at this stage.

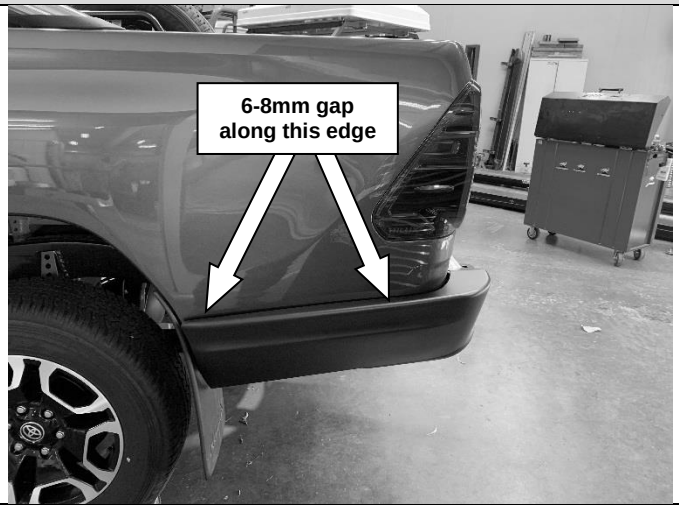




85. Fix the wing mount bracket of each Hilux wing to the RSTB using 2 M8x1.25x25hex head bolts, 4 M8 flat washers and 2 M8 nyloc nuts. Do not fully tighten at this stage.

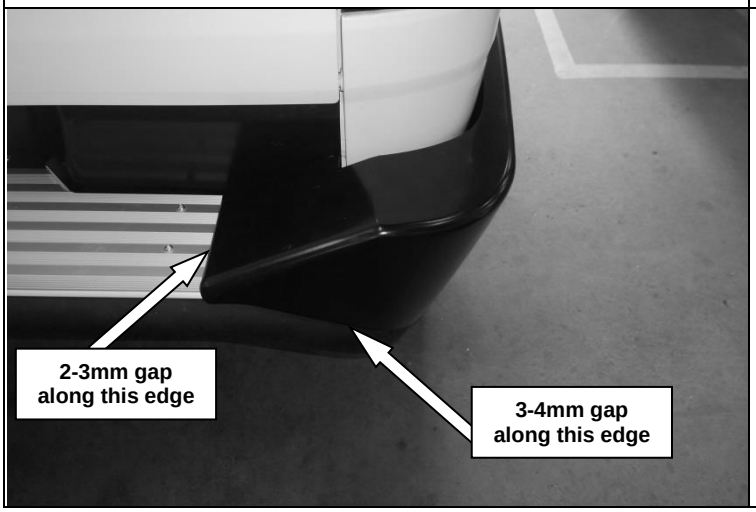
86. Fix the middle bracket of each Hilux wing to the RSTB tube using 2 M8x1.25x25hex head bolts, 2 M8 spring washers, 2 M8 flat washers and the wing double nut plate already fitted. Leave bolts finger tight at this stage.

PANELS TO RSTB/VEHICLE



87. Position each Hilux wing so there is an even 6-8mm gap to the side vehicle panels.

88. Position each Hilux wing so they there is an even gap to the mud flap as shown.



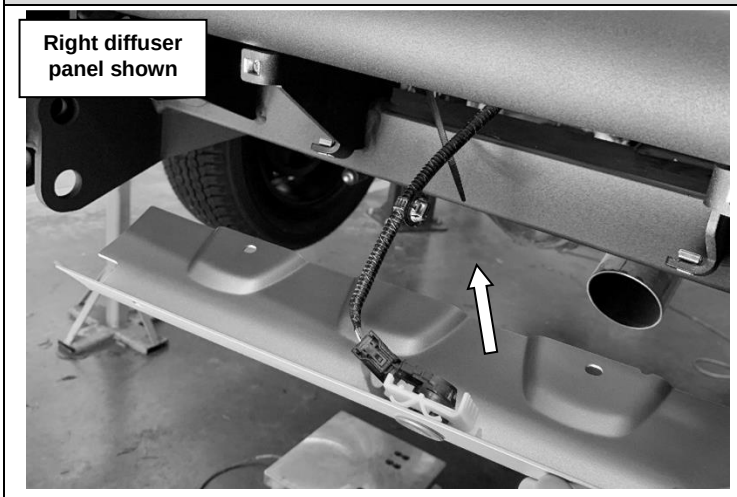
89. Position each Hilux wing so they sit evenly on the step plate extrusion and there is an even gap to the tube as shown.

90. Tighten all the M8 bolts that retain each Hilux wing to the specified torque.

M8 X 1.25 - 22 **Nm.**

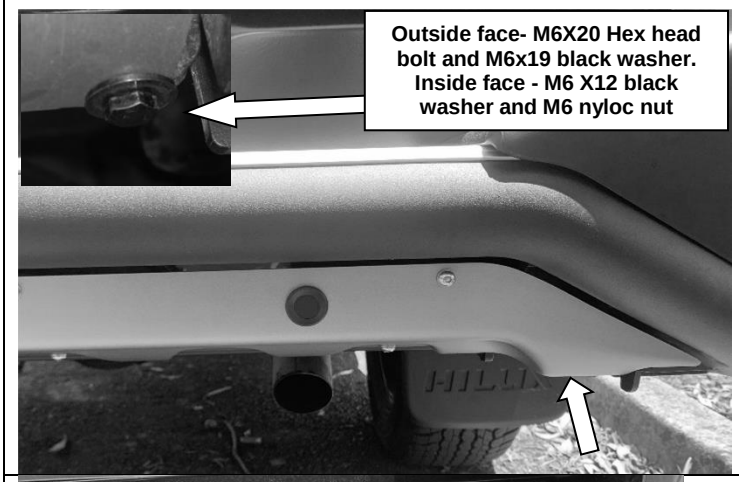
Note: Check that all clearances are maintained as the fasteners are tightened.

PANELS TO RSTB/VEHICLE



RHS:

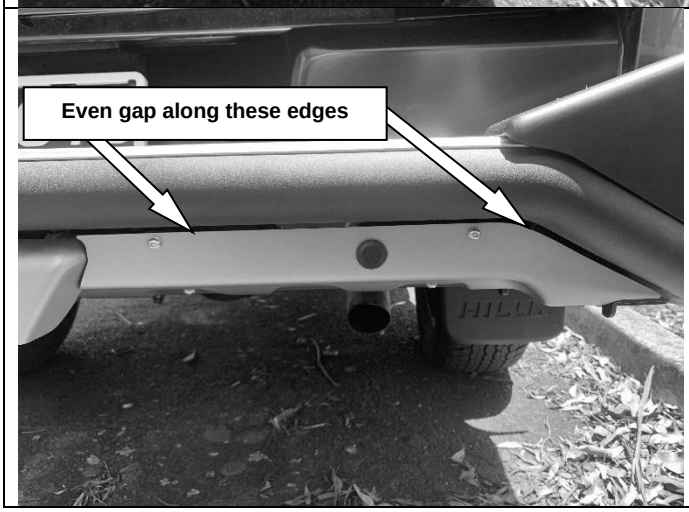
91. Raise the diffuser panel up to the bar, and connect the sensor into the sensor plug (as illustrated in the image to the left).



RHS:

92. Attach the diffuser panels to the RSTB using 8 M6x16 button head screws and M6 stainless flat washers. For the outer most screw, retain using 2 M6X 20 hex head bolts, M6x19 black washer and M6x12 black washer and M6 nyloc nut as shown.

    Note: M6X19 black washer is to be placed on outside of diffuser panel.



RHS:

93. Position the diffuser panel so there is an even gap between the panel and the RSTB tube. Tighten fasteners to the specified torque.

M6 X 1 -9 **Nm.**

LHS:

94. Repeat steps 91 to 93 on LHS.

95. Using 10mm spanner provided release licence plate retaining bolt on both sides sufficiently to allow licence plate to pivot down.

PANELS TO RSTB/VEHICLE

96. Reattach the spare wheel beneath the vehicle. Return licence plate to upright position and tighten up licence plate bolts that were previously loosened in previous step.

LHS:

97. Install ARB badge to LHS diffuser panel.

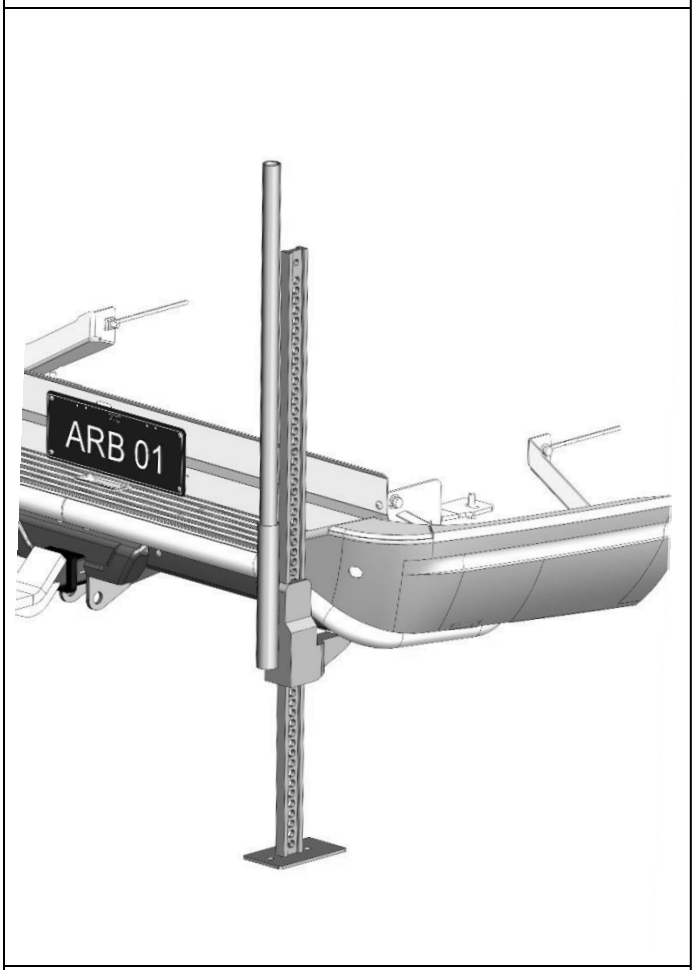
98. Store tow tongue, pull pin and R-clip in a safe and secure location when not in use.

FITTED PRODUCT

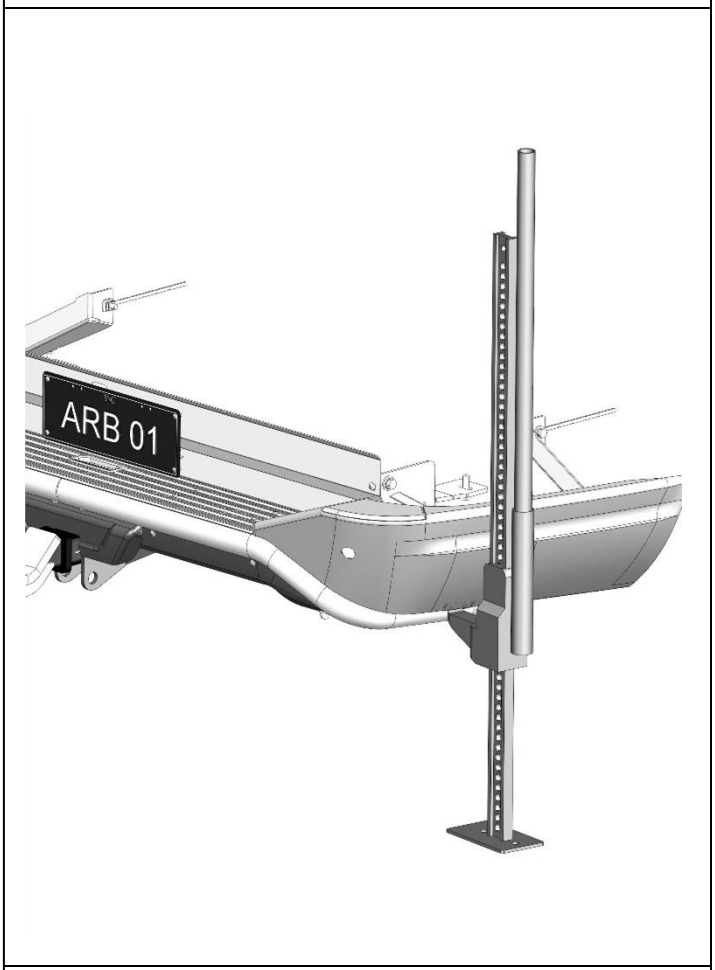
FITTED PRODUCT

TRAILER CAMERA PLUG, ANDERSON PLUG AND AIR-LINE FITTING

TRAILER PLUG



HIGH LIFT JACK LOCATION - CORNER OF RSTB



HIGH LIFT JACK LOCATION - SIDE OF WING/ABOVE TUBE