



SHORELINE 4X4 INSTRUCTIONS

EXTREME SERIES BULLBAR

1. Auto electrical work should be carried out by a competent person. Vehicle wire colours are listed as a guide only and may vary on some makes and models.
2. The function of each wire should be checked before any connections are made.
3. All wires tapped into should be soldered and then insulated with electrical tape or heat shrink.
4. Grounding/Earth points must always be connected to the factory grounding points, not to the battery negative terminal. See owner's manual.
5. Using only a LED test light, test all electrical components of the vehicle before and after wiring.
This is to ensure everything works correctly.
6. the installation of large or light-coloured antennas or aerials to the front of a bull bar as this may cause the lane departure system to malfunction.

Only a competent person should perform accessory installations. It is the responsibility of this person to ensure correct fitment.

- Whilst working on this vehicle, always use appropriate safety equipment.
- Read and understand instructions fully before commencing fitment.
- Check the hardware supplied against the contents list on the following pages.
- Do not use this product for any vehicle make or model other than specified in these instructions.
- This product and or hardware must not be modified in any way. Do not remove labels from this product.
- Recording the batch number on the customer's job card is good practice for future reference, or complete the information below and file with customer job card.

Care

- To maintain the finish of the product, wash regularly using a PH neutral car wash, hose off and chamois dry.
- Do not use acidic or alkaline cleaners.
- Plastic components can be maintained with a silicone spray or similar (non-acidic or alkaline based).
- Ironman 4x4 recovery points are FEA tested during design and destruction tested during development
- to establish the Working Load Limits (WLL).

- recovery points have been designed as a matching pair, supplied as right and left sides for vehicle-specific fitment.
- Do not use this recovery point for any other vehicle make or model other than the one intended.
- Do not alter or modify the recovery point in any way. Doing so may compromise the strength and integrity of the recovery point.
- **It is advised to use an equalising or bridle strap. Failure to do so correctly can result in recovery point fatigue or bending and void your warranty.**
- Never use a single recovery point combined with a side load pull.
- Recovery Points are designed for a straight-line pull, by pulling on an angle or sideways pull may result in a reduction of the WLL.

Shoreline 4x4
4WD ACCESSORIES

Shoreline 4x4

Extreme Series Bullbar X-1



Fitting instructions for LC200 2015 on

Front TOW points only - Rated to 3.75T - NOT FOR SNATCHING

www.slx4x4.com.au

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A gap between the headlights must be maintained, the bar is adjustable to sit at many different positions, we have located bar forward of headlights to avoid any potential contact and have cutout indent around the corner plastic protrusion, you may wish to purchase rubber pinch weld from clark rubber to cover this gap

A GAP BETWEEN THE GRILL AND BULLBAR IS FOR EASY WINCH ACCESS, IF YOU DO NOT WANT A GAP YOU CAN CUT THE BUMPER BELOW THE GRILL AND KEEP IN PLACE AS SHOWN BELOW. PINCH WELD IS AVAILABLE ON REQUEST. ADDITIONAL.



80-90MM CUT AS SHOWN BELOW TO ENDS.

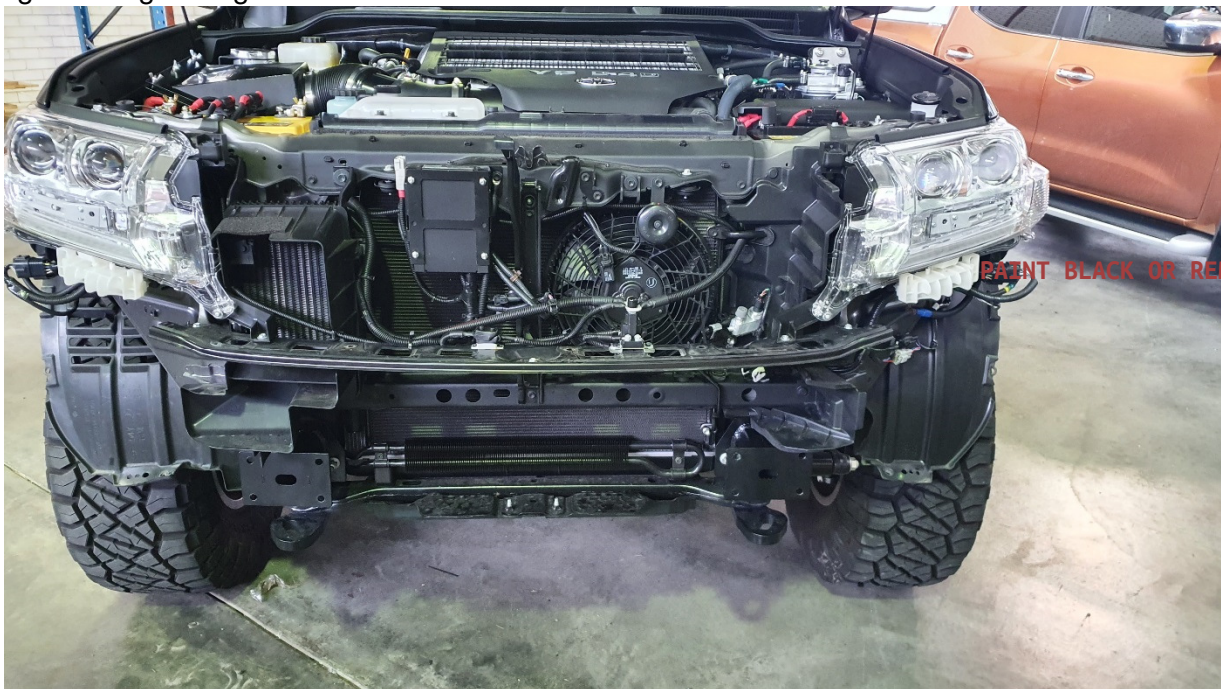
shoreline 4 X 4

4WD ACCESSORIES

1. Congratulations on purchasing your very own Shoreline 4x4 Extreme Series Bulbar. To start, clear an area around the front of your car and unwrap the bar.



- 2) Remove factory bumper completely including the grille off in 1 piece, you will later separate the grille from the bumper, you can find videos on youtube regarding removal. Once fully undone all side clips from under fender and grill engine bay area you then pull hard on the plastic covers connecting lights and grille together.



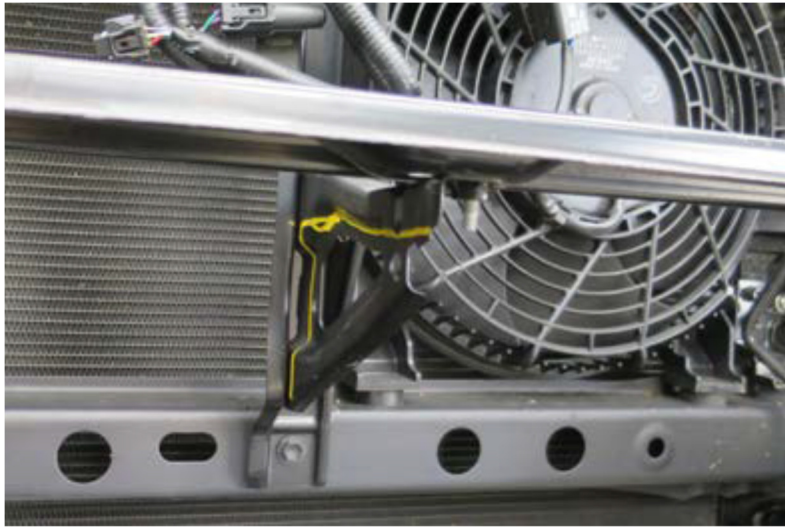
- 3) Remove grill, front bumper bar, bumper reinforcement and lower bumper support brackets. Also remove bumper retaining clips on side guard, and below headlight as indicated including the plastic side bumper retaining & front retaining if you wish.



SIDE RETAINER MUST BE REMOVED
UNDER HEADLIGHTS YOU CAN PAINT BLACK OR REMOVE
ENSURE MAINTAIN GAP IF LEAVING

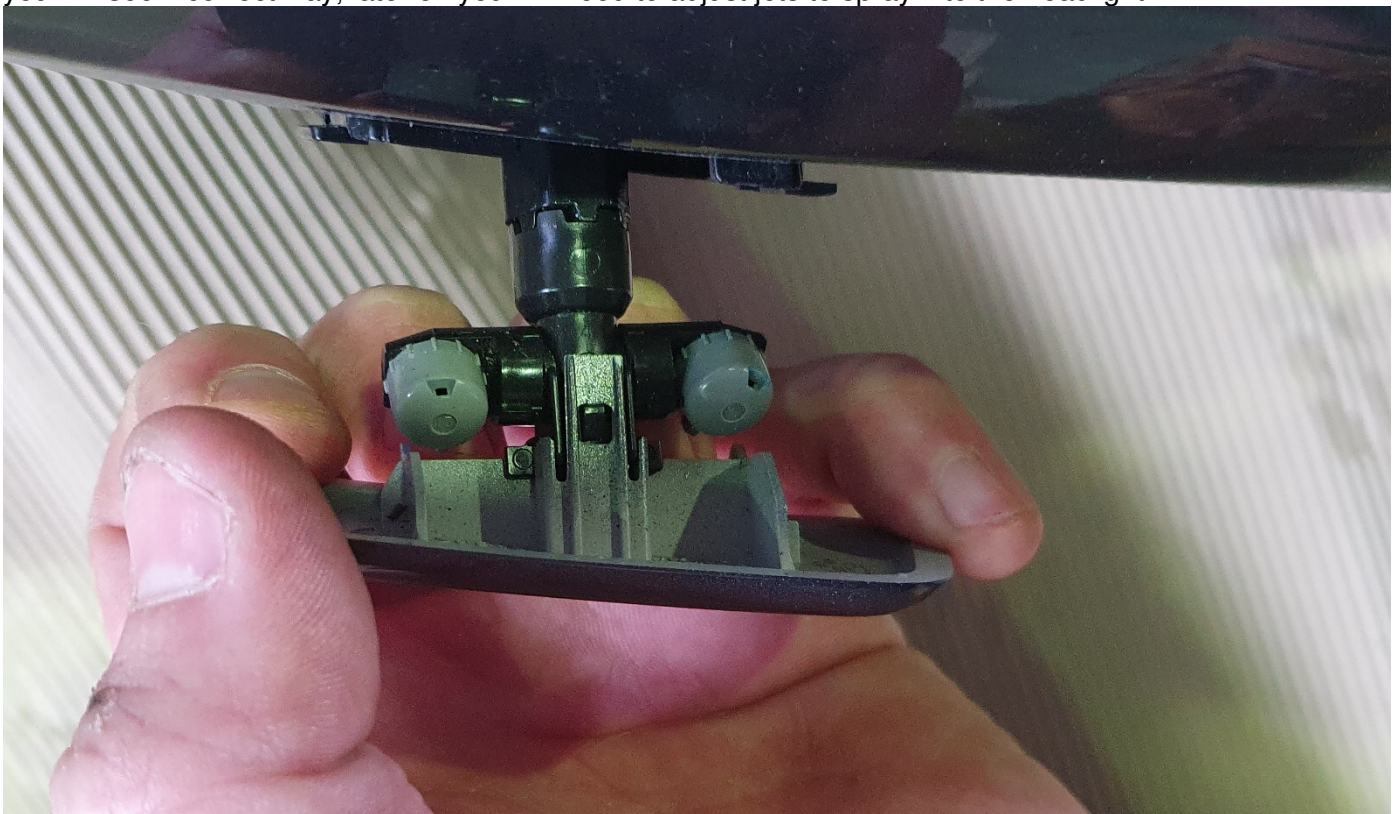
4) Fit mounting hardware, The spacer brackets first then the cradle. The spacer brackets can be tight but keep cradle loose incase you need to move left or right

5) if you are fitting a winch drill out the welded rivots and remove the reinforcement section. If drilled correctly it will just come out.



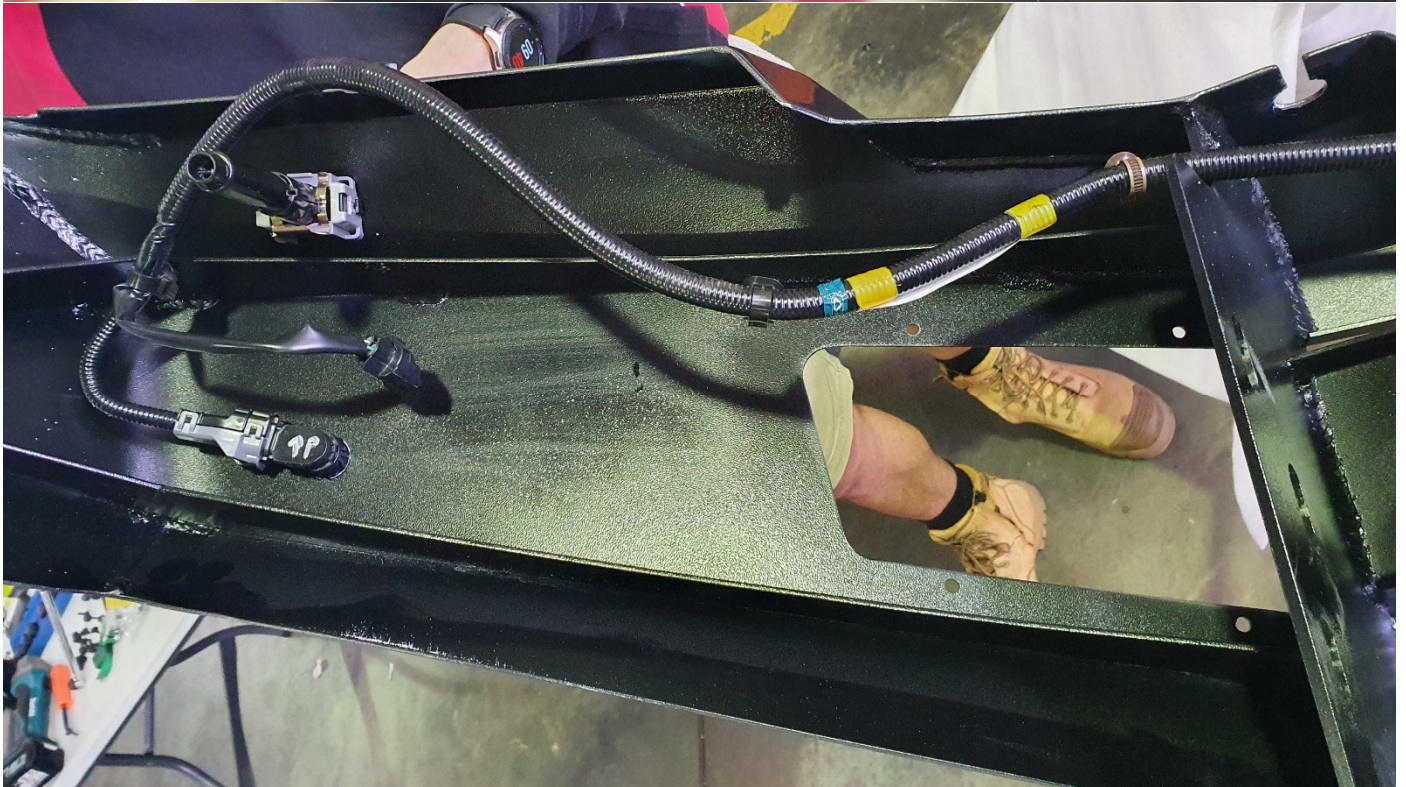
6) You can now remove all wiring & water harness from the original plastic bumper, when removing the sensors make sure you mark them which way is correct up and down and which side is which.

The water Jets pull the cap forward, undo the cap and take off, then remove backing retaining clip and slide grey sleeve down, you can then remove water jet by pushing black little clip inwards and will come away from the bumper. When you install into the new bulbar you may find its upside but regardless with the water jets you follow the profile of the bulbar and the black angle of the water jet housing, when you go to reinstall you will see if correct way, later on you will need to adjust jets to spray into the headlight.



Bulbar

with water jets orientation does not matter as long as cap sits flush, at the end you will remove jets and turn to face headlights



7) Put the harness in place, You will cable tie the harness to the rib supports in the bulbar, small slots should exist in various points of the bulbar to slide a cable tie in, otherwise you can purchase adhesive retainers (not supplied) Just ensure your supplied LED fog lights have enough cable to reach the existing harness, the new LED spot lights may require you to connect upside down, EG flip connector upside down and plug into harness if LED not working.

8) You can now semi fit the bulbar and mark the guards, you can either mark with white paint pen to suit profile take off or cut with bar on which ever suits.

9) A gap between the headlights must be maintained, the bar is adjustable to sit at many different positions, we have located bar forward of headlights to avoid any potential contact and have cutout indent around the corner plastic protrusion, you may wish to purchase rubber pinch weld from clark rubber to cover this gap.



- 10) When fitting the bar, if you choose to use pinch weld now is the time install it as can not be installed once bar is on, You may also choose to use 10mm Wide and 5mm thick adhesive foam in 2 places.
- 1) You can put adhesive foam between the front of the fender and bar (Prevent rubbing if you go offroad)
 - 2) On the inside of the qtr panel facing outwards also prevent rubbing as these inside metal sits very close to the outside of the bulbar fold.
- 11) The QTR panels are held in place in part by the front bumper and retaining plastics, You can in fact manipulate these panels to change the angle of the metal front qtr panels to better align to the bulbar if you wish, when you push on them you will notice they turn inside or outside depending where you press, the panels change slightly after you remove factory plastics & cut inner guards.
- 12) if installing a winch below is installed with suggested control box location, if you wish to have access with manual plug in cable , we suggest you buy extender which plugs into top of control box with a lead to locate in engine bay etc.

