



## **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).

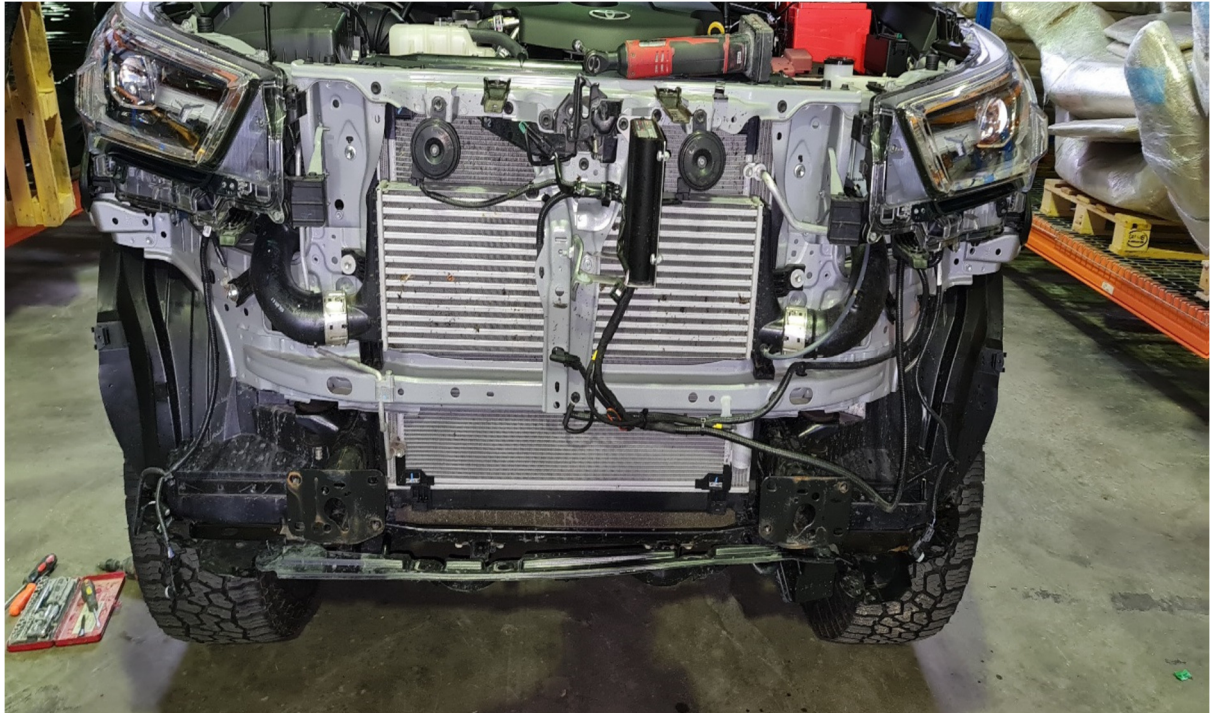
- recovery points have been designed as a matching pair, supplied as right and left sides for vehicle-specific fitment.
- Do not use this recovery point for any other vehicle make or model other than the one intended.
- Do not alter or modify the recovery point in any way. Doing so may compromise the 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.

**EXTREME**  
SERIES XI

# Shoreline 4x4 Extreme Series Bullbar X-1



- 1) Remove all front bumper and disconnect the sensor.  
VARIOUS CLIPS UNDER CAR, ON GRILL AND UNDER THE MUD FLAT ABOVE INNER WHEEL ARCH
- 2) Remove side black retainers under headlights
- 3) Remove the grill



- 4) Remove the air dams or cut to suit bar
- 5) Remove the 2 blue sensors with razor blade. Note the orientation as you need to glue into new bulbar.
- 6) Drill out factory holes in chassis to accept 13mm bolt then install cradle
- 7) Install recovery points before you put bulbar on.

Hilux 2021 on Chassis reinforcement bracket extract



CHASSIS BRACE FOR WINCHING – INSTALL AS ABOVE

8) GRILLE – You need to cut the grill WELL BELOW RED TAPE MARCK. We suggest you trim grille as below, THEN INSTALL WITH BAR AND CHECK CLEARS WINCH TOP. THE GRILL NOW DROPS BEHIND THE BULLBAR, YOU SHOULD TEST FIT BAR THEN MARK THE LINE TO CUT AT THE NEAREST RIB.



9) Install the bulbar and the headlight trims.

10) Install bash plate after you have aligned and tighten all bolts.

11) YOU MUST MAINTAIN SUFFICIENT GAP TO AVOID DAMAGE TO GUARDS. 10-15mm MIN

12) Mark and cut inner guards to suit bulbar profile

**13) You must install a minimum of 3 cable ties to hold grill back in place.**

1 in the middle and 1 on each end, you wrap the cable tie around the mesh of grill and back to nearest support.

**IF YOU HAVE SR MODEL YOU CAN REMOVE HEADLIGHT TRIMS AND INSTALL PINCH WELD , NOT SUPPLIED**

REMOVABLE LOOP – IF YOU HAVE A VERSION WITH REMOVABLE LOOP

**BOLT ON LOOP INSTRUCTIONS- IT IS CRITICAL THE LOOP BE INSTALLED PROPERLY- SEE IMAGES BELOW YOU CAN PURCHASE SOME 2MM RUBBER AND CUT TO SUIT AND YOU MUST AT MINIMUM SEAL THE WEEP HOLE WITH SILICON AND SMALL BEAD TO CREATE A SEAL BETWEEN THE BAR AND LOOP. DO NOT OVER TIGHTEN WHILE GLUE IS DRYING.**

