

## SHORELINE 4X4 INSTRUCTIONS EXTREME SERIES BULLBAR

- 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** Extreme Series Bullbar X-1



## **Fitting instructions for** Mazda BT50

Front TOW points only - Rated to 3.75T - NOT FOR SNATCHING CAUTION: INNER GAURD CUT PARTIALLY EXPOSES AIR INTAKE. SECURE GAURD & TAKE CARE DURING WATER CROSSING. TURN INTAKE UPWARDS OR GET A SNORKEL FOR WATER CROSSINGS

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



2. With the bar unwrapped, you're ready to remove the bumper. Start by removing the four clips either side holding the inner wheel lining to the bumper.



3. Now pull the edges of the bumper away from the car. The clips will pop away and this is completely normal.



4. Remove the clips holding the top of the grill.





5. Next, pull the grill away from the bumper, there are tabs shown that may need to be pried away with a flat head screwdriver.



6. Undo the bolts next to the headlights that were hidden behind the grill.



7. Undo the bolts holding the bottom of the bumper to the car.



8. While you're down below, remove the factory bash plate, making sure you keep the two rear bolts to use later.





9. Carefully pull the bumper away from the car, taking care to disconnect the fog lights.



10. Tear away the plastic air dam on the impact bar.



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11. Unbolt the crash bar and dispose, this will be replaced by the bullbar mounts.



12. Unbolt the lower air dam mount.





13. Remove the "L" shaped metal bracket mounted behind the air dam either side.



14. Tear away the plastic moulding that is between the chassis rail and the condensor.



15. Refit the lower air dam mount.



16. Trim the factory air dam as shown, cutting diagonaly up.





17. Remove and dispose of the bracket that secures the inner wheel liner to the body.



18. Trim the inner wheel liner as shown, following the angle of the metal.



19. Remove the two piece plastic moulding below the headlights.



20. Strip the factory fog light wiring ready to solder on the new LED fog lights.





21. Now mount the bar bracket using the four factory bolts as well as eight of the supplied stainless nuts, washers and bolts.



22. With help, mount the bar to the bracket with the supplied stainless steel hardware.



23. Solder on the new LED fog lights and test.



24. Using the two factory bolts for the rear and the supplied hardware for the front, mount your Extreme Series bash plate.





25. Refit the grill in the reverse order.



26. Mount your license plate and you're ready to hit the track!

