

## 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 Mitsibishi MQ Triton

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



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. Remove the top clips holding the grill cover. Take care as these are quite brittle.



3. With the grill cover removed, you can remove the two screws holding the top of the grill to the radiator support.



4. Carefully pop the grill away where it meets the bumper. This can take a bit of force.





5. Next, remove the bolts securing the top of the bumper that are now visible with the grill removed.



6. Undo the bolts hoding the inner wheel liner to the bumper.



7. Carefully pop the flares away from the bumper. These will be trimmed later on.



8. With the bolts removed, pull the bumper off of the Triton, remembering to disconnect the fog light wiring.





9. Carefully trim the air damsto sit flush with the intercooler piping.



10. Unbolt and dispose of the metal bracket as shown.



- 11. With the bolts and washers prefitted, slide and mount the adaptor brackets to the chassis as shown.
  - Updated Design- You cut the end of front reo rec tube off after the end of the bracket, also helps you slide on.



12. Now mount the winch cradle to the bolts in the adaptor brackets. You will need a long spanner to hold the bolt head while you tighten the lock nuts from the front.





13. Unscrew and remove the plastic trim under the headlights as shown.



14. Remove the factory washer bottle located under the passenger side headlights. You will be left with the wiring and the water hose loose as seen in the photo.



15. Mount the new washer bottle bracket as shown. The bracket fits between the bonnet stop and the bonnet stay clip.



16. Route the wiring and water hose to the new washer bottle. You may need to extend the water hose using the supplied clear tubing.





17. Cut and solder new wires to the factory washer motor wiring as an extension. Fit blade crimps to the end ready to connect to the new pump. NOTE: Green is the positive wire in the factory wiring.



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



19. Mark and trim the flares to match the quarter panel.



20. With a helper, mount the bar to the bracket, taking your time to ensure the bar is level.





21. The bar should have about a 10mm gap between the headlights and the bar itself.



22. Solder the LED fog lights into the factory wiring.



23. With the bar mounted, ensure that there isn't any stress on the washer bottle hose or wiring and tidy with cable ties.



24. Refit the grill in the reverse order.





25. Mount the supplied bash plate using the supplied hardware for the front and the factory bolts to secure the rear.



26. Finally, trim the grill cover to access the replacement window washer tank and you're done!

