

## 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 Ford Ranger PX Mk I



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 grill. There are three push clips on the top cover that can be pulled up with a flat heads screw driver. With those removed, you can pull up the cover to access another push clip on each end.



3. With the top 5 push clips removed, the grill can be pulled back and there are 5 clips that can easily be undone where the grill meets the bumper.



4. Remove the two screw in plastic plugs on the bumper that were covered by the grill.





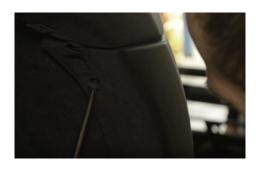
5. Next to each headlight is a bolt and a push clip holding the bumper on, these will need to be removed.



6. In the wheel arch, there is an 8mm head bolt that needs to be undone to separate the bumper from the front guard.



7. The remaining screws and plastic clips holding the bumper inside the wheel arch must be removed.



8. Unscrew the 4 bolts underneath the bumper, now you're ready to remove it from the car.





9. Carefully pop the bumper away from the wheel arches and you should be able to pull the whole bumper off now, taking care to disconnect the fog light wiring.



10. Undo the 4 bolts underneath to remove the factory bash plate.



11. Tear away the lower section of the air dam. This can be disposed as it is not needed with the new bullbar.



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





13. Unscrew the two upper air dams and remove temporarily.



14. With the air dam removed, you can now unscrew and remove the two L brackets. With the L brackets removed, refit the two air dams.



15. Remove the plastic trim down between the chassis and the condenser



16. Remove the metal brackets underneath the headlights and dispose.





17. Now you vcan remove the mounting bracket from the bar itself, ready to fit to the car.



18. Trim the upper air dams down, checking clearance against the mounting bracket and ensure that the sensor on the passenger side air dam is relocated.



19. Mount the bullbar bracket using the 4 factory bolts and the 8 supplied High Tensile bolts with nuts and washers. Ensure that the bolts are not tightened fully as the bar will need to be aligned.



20. Unbolt and remove the plastic insert below the headlights.





21. Now mount the bar to the mounting bracket with the 10 supplied nuts and bolts.



22. The bar should sit with a fingers width gap between the lights and the bar. Once the bar is aligned correctly, tighten all the mounting bolts.



23. Mark and trim the inner wheel guard.



24. Before continuing, mount the license plate and winch if you have one.





25. Fit the new bash plate over the bullbar and mount using the supplied nuts and bolts.



26. Refit the grill with the factory push clips.



27. Cut the factory fog light plug and solder in your new LED fog lights. The Black wire is the -VE wire on both sides of the factory loom.



28. Test the fog lights are wired correctly and then you are finished, ready to hit the tracks! Enjoy your brand new Shoreline 4x4 Extreme Series Bullbar.

