



**WORLD'S BEST  
ALLOY BULLBARS**

**Strongest Built  
Australian Made  
Lifetime Warranty**

**PN:B3AVIS4458SY**



# **Fitting Guide & Owners Manual**

**ISUZU NPS 4X4**

**2008+**

Winch compatible Bullbar  
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES

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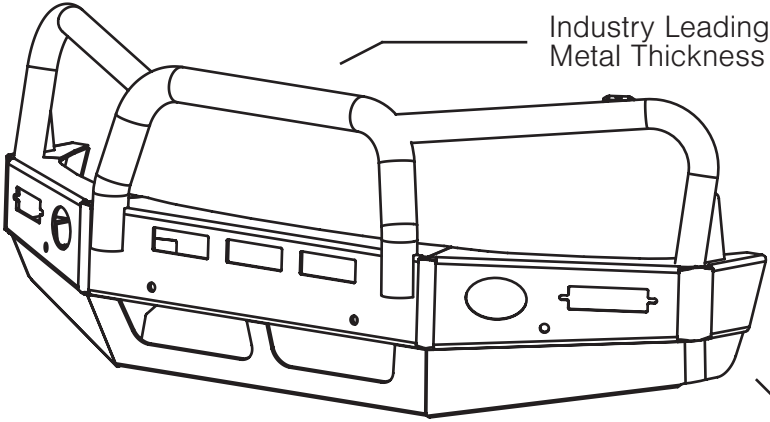
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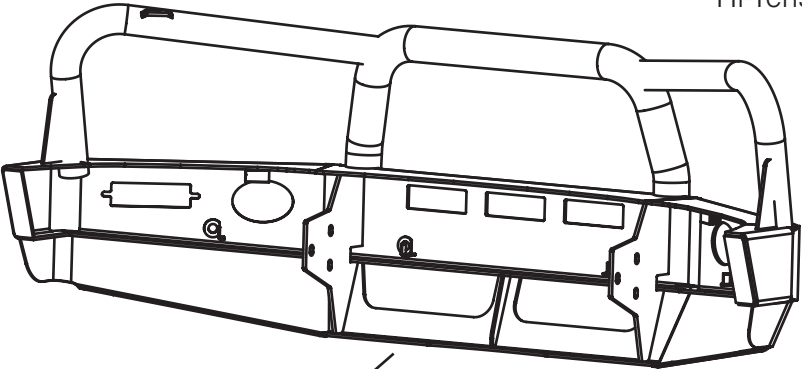
# The Features of ECB

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Industry Leading  
Metal Thickness

6mm Thick  
Hi-Tensile Alloy



Unmatched  
Strength

Fully Welded  
Construction

# ECB's Benefits

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## **Built to Perform - Not to a Price**

ECB are proud to claim that their channels are not jigsaw puzzles that are bolted together, or even multiple sections welded together. Where any welding is required, it is done to the highest standards by qualified welders, not machines.

## **Anti-Corrosive Nature of Alloy**

The composition of ECB's alloy has a very high resistance to corrosion. Rust not only looks unappealing but greatly reduces the strength of the metal. Rust can and will weaken the structural integrity of a steel bullbar effectively rendering it useless over time.

## **Australian Made**

Established in 1971, we utilise decades of experience designing, engineering and building products in Australia to suit Australian conditions. We can ensure the best quality controls and help support the local economy and employ over 90 proud Australians.

## **Weight Saving Benefits**

An ECB alloy bullbar is typically half the weight of a steel bullbar. Unnecessary suspension upgrades are not required. The reduced weight also contributes to increased fuel economy and less wear and tear on tyres, suspension and braking components.

## **Welds That Work**

ECB uses only the strongest welds and welding techniques to ensure every product is as structurally sound as possible. MIG (Metal Inert Gas) welding techniques are employed ensuring the welds are as thick as the thickest section of alloy's being joined together.

## **Lifetime Warranty**

ECB provide a lifetime warranty and consumer guarantee on all of our manufactured products. This guarantee highlights the confidence in our ability and provides complete peace of mind for your purchase for the lifetime you own your vehicle.

# Product Care

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## Polished Products

Being a premium mirror polished finish, regular maintenance will be required to keep that iconic ECB shine. We recommend using our own brand of Aluminium Polish. This formula has been tried and tested and in our opinion is the world's best standard.

**Directions:** Apply a small quantity of Aluminium Polish to a clean soft cloth and rub the metal surface. The longer the rubbing the brighter the surface becomes. Wipe off Aluminium Polish with clean soft cloth. Also suitable for motorised buffing machines.

**Note:** There are more specific details on the polish bottle. Please read before use.

## Powdercoated Products

Our powdercoated finishes are very low maintenance. Infact there is actually very little you will ever need to do for this product. Just clean it as you would your car and it will stay looking good as new.

## ECB Aluminium Polish

When you're looking for that showroom finish look for your polished automotive products, you can depend on the no compromise quality of East Coast Bullbars Aluminium Polish. This specifically designed product is the best polish available and we guarantee that this \$#!+ works. Within our decades of manufacturing polished alloy products we have trialed a large range of different polishes on the market and believe without a doubt that nothing beats the finish quality of East Coast Bullbars Aluminium Polish.

East Coast Bullbars Aluminium Polish is excellent for use by hand and is ideal for polished bullbars, nudge bar and stainless steel products. This polish will clean, polish and protect your product from the elements whilst bringing your products back to that showroom finish look.



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## Stage 1

- Test drive vehicle to ensure all driver assists are correctly working and to gauge effectiveness. Park on a flat level surface.
- Apply parking brake and lift bonnet.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner and/or operator.



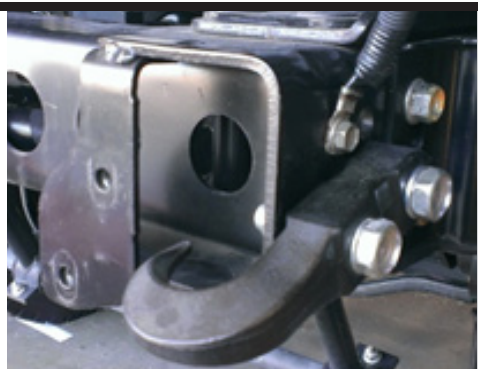
## Stage 2

- Remove four bolts retaining the bumper bar.
- Discard the bumper and bolts.



## Stage 3

- Remove the earth straps, retain fastener.
- Remove and discard the tow hook and fasteners.



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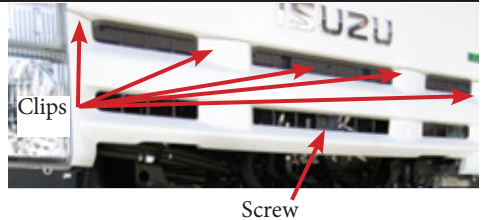
## Stage 4

- Re-locate the horn to under the front cross member using the original fastener.



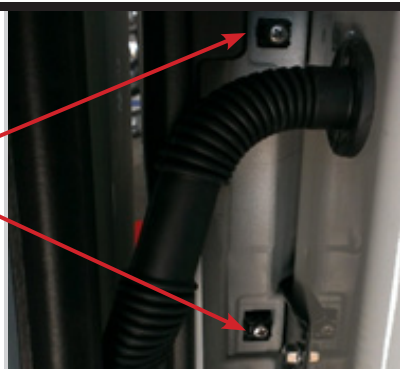
## Stage 5

- Remove and retain screw
- Release the screw from the centre and gently pushdown 5 clips to remove the grill.
- Retain grill and fasteners.



## Stage 6

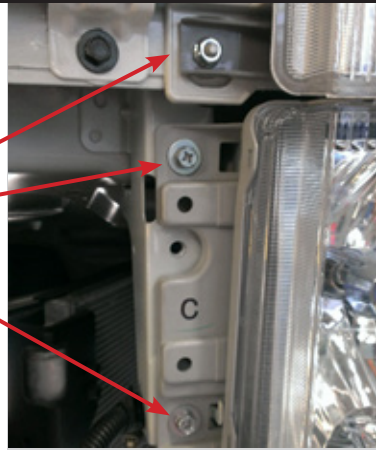
- Release 2 screws from the indicator housing, open each door to gain access to the screws inside each door opening, the screws will remain in the vehicle body.



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## Stage 7

- Release and retain the rubber flap below the headlight.
- Release the bolts retaining the indicator and headlight each side, retain the fasteners for re-fitting.
- Support the headlight and locate the wiring harness at the rear of the headlight assembly and release the connector.



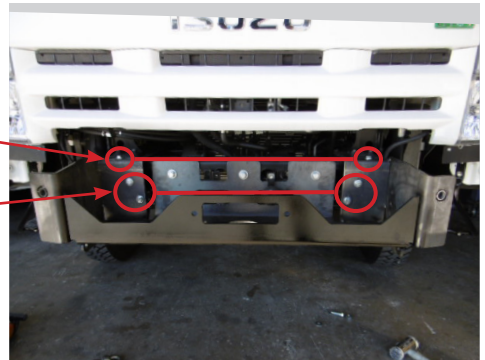
## Stage 8

- Connect the supplied indicator wiring harness extension into the light then the vehicle harness to the extension connector.
- Replace the indicators and headlights, fasten the original fastener, replace the rubber flaps below the headlights.
- Replace the grill using the original fasteners. Position the winch frame on the vehicle chassis, fasten lightly using M10 x 1.25 x 35 bolts, flat, spring washers and nuts on the top each side.



## Stage 9

- Position the winch frame on the vehicle chassis, fasten lightly using M10 x 1.25 x 35 bolts, flat, spring washers and nuts on the top each side.
- Fasten lightly using M10 x 1.25 x 35 bolts, flat, spring washers into the vehicle captive nuts.

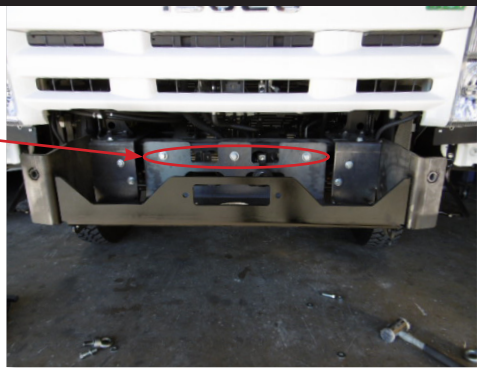




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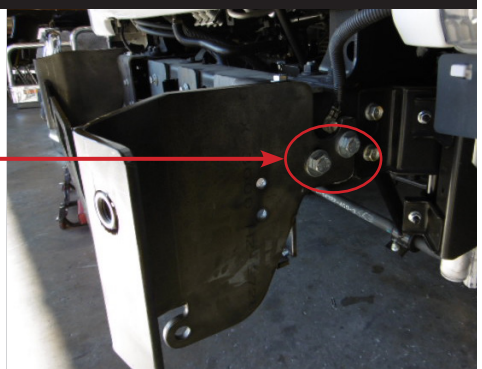
## Stage 10

- Fasten lightly using 3- M12 x 1.25 x 50 bolts, 75 x 75 x 6mm backing plates, flat, spring washers and nuts across the rear of the winch frame.



## Stage 11

- Fasten passenger side chassis mount lightly using M14 x 1.5 x 50 bolt, flat and spring washer into the vehicle captive nut on the rear hole and M14 x 1.5 x 50 flat, spring washer and nut on front hole.
- Re-attach the earth strap using the original fastener.



## Stage 12

- Fasten lightly driver side mount using M12 x 1.25 x 50 bolt, flat, spring washer and nut.
- Re-attach earth strap using M8 x 1.25 x 30 bolt, flat and spring washer.
- Tighten all chassis mount fasteners fully.

Note: Winch fitment should be done at this point, refer to the winch manufacturers fitting instructions.



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## Stage 13

- Remove black retaining clip from ball of accessory light. Place ball fixings on light through retaining hole in 2mm alloy headlight mount.
- Using six (6) M6 x 20 bolts, flat washers and nyloc nuts, install light to light mounts.
- Install light mount to rear of Protection bar using four (4) M6 x 25 bolts, flat washers and Nyloc nuts.

NOTE: Place bolts loosely into light mount with bolt to front, then feed into welded mounts on protection bar. centralise lights and tighten all bolts. Wire lights as per required.

## Stage 14

- Fit the bullbar to the chassis mounts, fasten lightly using the eyebolts.
- Align the hinge mounts and fasten using 9/16" x 2-1/2" UNC hinge bolts, flat, spring and nyloc nuts.
- Tighten the hinge bolts until the nut and washer touch the alloy only.

Note: Do not over tighten hinge bolts. Bolts need to touch alloy only.



## Stage 15

- Connect the indicator extension harnesses to the bullbar indicators.
- Rotate the bullbar up and fasten using the eyebolts, fully tighten the eyebolts.
- Fasten the hinged number plate bracket to the front face of the bullbar directly above the fairlead cutout.
- Check that all fasteners are fully tightened.
- Check the operation of all lights.



# Final Checks & Installation Kit

## Ensure Number Plate is Clearly Visible

Note: When fitting/refitting the licence plate to the vehicle, ensure there is no obstruction to licence plate vision in accordance with local authorities. If required relocate licence plate to an alternate location.

## Further VFPS Notes

1. Do not attach VFPS to the vehicle using anchorages not intended for this purpose (e.g. engine mounting bolts).
2. Do not use this product for any vehicle make or model, other than those specified by the VFPS manufacturer.
3. Do not remove the plaque or label from the VFPS.
4. Do not modify the structure of the VFPS in any way.
5. No accessory or fitment should project forward of the VFPS forward profile.
6. **Ensure these instructions are left with the vehicle owner and/or operator.**

## Important Information

Periodically check bolts and nuts for correct tightness, especially if traveling on rough roads.

## Installation Kit

1 – Chassis mount / Winch Frame Assembly	1 – M14 x 1.5 nut
3 – Backing plates (75 x 75 x 8mm FMS)	3 – M14 Flat washers
1 – Winch control box support bracket	3 – M14 Spring washers
1 – Large Hinged Number plate racket assembly	1 – M8 x 1.25 x 30mm hex bolt
1 - Pair 2mm Alloy light brackets	1 – M8 Flat washer
1 - Pair welded light brackets	1 – M8 Spring washer
2 - B3IS4458 light blanking plate	8 – M6 x 1.0 x 20 hex bolts
8 – M10 x 1.25 x 35mm hex bolts	4 - M6 x 1.0 x 25 bolts
4 – M10 x 1.25 nuts	22 – M6 flat washers
12 – M10 H/D Flat washers	12 – M6 x 1.0 Nyloc nuts
8 – M10 Spring washers	1 – Pair Indicator / Park lights (ICLED104BLK)
4 – M12 x 1.25 x 50mm hex bolt	6 – Scotch locks
8 – M12 H/D Flat washer	2 – 700mm length single core wire
4 - M12 Spring washer	2 – Straight through crimp joiners
4 – M12 x 1.25 nuts	4 – Long cable ties
2 – M14 x 1.5 x 50mm hex bolts	1 – Cab Tilt sticker

# Finished Product

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# Warranty Registration

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## Contact Details

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Product: **B3AVIS4458SY**

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Work Order Number: \_\_\_\_\_

You can find this on the silver label  
of your ECB product.

By submitting this registration you automatically subscribe to ECB's mail outs.  
You can unsubscribe at any time.

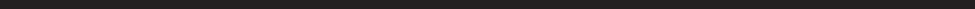
## Register Online

For online registration please go online to [www.ecb.com.au/warranty-registration](http://www.ecb.com.au/warranty-registration)  
If you have any questions please contact our national office on 1800 069 145 or  
[www.ecb.com.au](http://www.ecb.com.au).



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**Margate QLD 4019**

# Notes

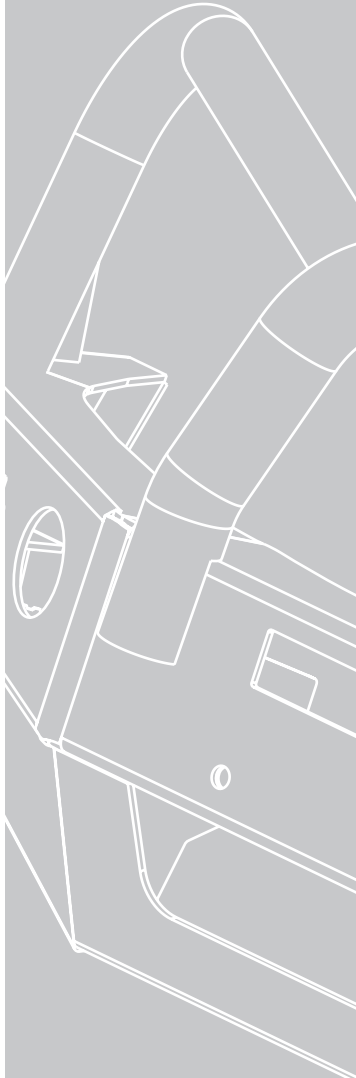


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# **Strongest Built Australian Made Lifetime Warranty**

29 Snook St, Clontarf QLD 4019  
PO Box 122, Margate QLD 4019