



PN: NBV49SY



# Fitting Guide & Owners Manual

**VW AMAROK**

**2022**

76MM NUDGE BAR  
NUDGE BAR VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)  
FOR AIR BAG & ADR COMPLIANT VEHICLES

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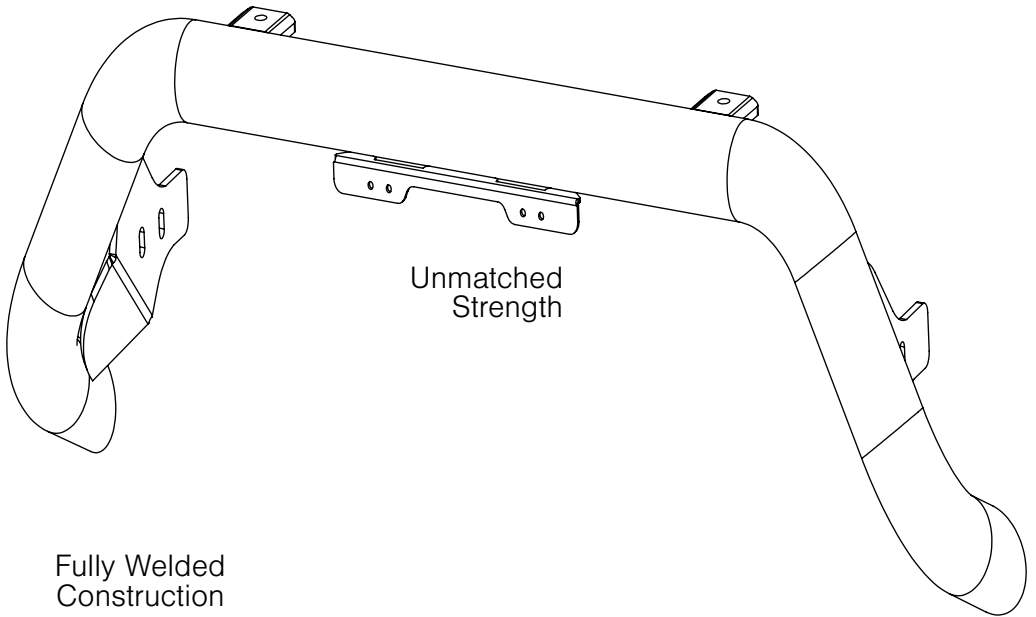
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# The Features of ECB

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Rust Free

Hi-Tensile Alloy



Industry Leading  
Metal Thickness

# 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.**

## Powder Coated Products

Our powder coated finishes are very low maintenance. In fact 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 / operator.
- **DISCONNECT BATTERY**



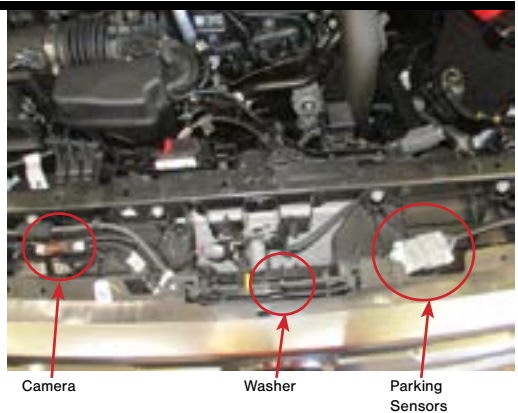
## Stage 2 - Radiator Cover

- Remove eleven (11) push pull clips.
- Remove cover.



## Stage 3 - Outer Grille

- Remove eleven (11) push pull clips.
- On rear of grille beside headlights remove two (2) 8mm headbolts.
- Disconnect camera/parking sensor harness and camera, washer house and unclip from top support.



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## Stage 4 - Underside Bumper

- From outer underside of car remove two (2) , T25 torx screws and M8 bolts (per side).



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## Stage 5 - Inner Guard

- Inner guard remove three(3) push pull plugs and three(3) scrivenets (per side).



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## Stage 6 - Inner Guard

- Inner guard cover, remove three(3) plastic scrivenets. remove cover to access inner guard.



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## Stage 7 - Inner Panel

- Inside of bumper/ guard join remove three(3) 10mm head bolts per side.



## Stage 8 - Centre Grille

- Pull centre grill forward and remove from bumper three(3) push pull clips, one (1) each at side and one (1) in centre, and one (1) 10mm head bolt per side.



## Stage 9 - Remove Bumper

- Pull flare away from guard, if parking sensor is fitted, disconnect sensor.
- Gently pull bumper out and down at same time to remove bumper.





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## Stage 10 - Camera Removal

- Remove camera from bumper, three(3) T20 torx screws.
- Unclip camera harness and washer hose from grill and remove.



## Stage 11 Sensor harness

- Remove two centre parking sensors.  
Note: sensors are sided and directional.
- For two parking sensor harness unclip from bumper to allow wiring extra length.
- To extend wiring, Split main harness and release sensor wiring, retape harness.



- De-pin connector, feed harness through sensor holes and refit connector. Use QR code for video of process to avoid damage to pins.
- Place exposed wire into convoluted tubing, trim to suit.
- Feed harness through existing sensor holes.

## Stage 12 Camera harness

Unclip camera harness and washer line from inner top grille, re-route to extend.



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## Stage 13 - Mount fittment

- Remove underbelly guard , loosen two(2) 15 mm head bolts at rear. Remove two (2) front bolts.
- Above underbelly guards support remove two (2) 8mm head bolts.
- One side at a time remove two (2) 15mm headbolts from genuine tie down/ recovery loop and fit ECB mounting brackets between chassis rail and tie down/ recovery loop.
- Place thread lock onto original bolts and secure mounts, finger tighten only.
- Align mounts and tighten all bolts. Replace 8mm head bolt removed from shroud.



We recommend that the 15mm head tie down/recovery loop bolts have loctite 243b thread lock added to them on assembly, this is not included with the product.

## Stage 14 - Trim Bumper

- Measure steel mounts and trim lower bumper to rear hole of steel mount.
- Scallop cut out for bolt thread once bumper refitted to vehicle.



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## Stage 15 - Camera Mount

- Place camera into housing, lock into place with rear bracket.
- Secure camera into mounting bracket, place 3mm spacer onto rear of mounting bracket.
- Using angle mounting brackets and 8 -10 x 12 self drilling screws, secure camera to mount in bracket. Do not over tighten.
- Fit camera to protection bar , Two (2) M6x16mm bolts, flat washers and nyloc nuts.



## Stage 16 - Camera Cover

- Place camera cover over rear of camera mount, align and secure to protection bar with 8-10 x 12 self drilling screws.



## Stage 17 - Parking Sensors

- Fit parking sensors into housings in protection bar, in same direction as they were in bumper.
- Place zip tie through rear of sensor mount. This is a secondary security device for rough and dirt road use. Do not over tighten zip ties as this may trigger a sensor to fault.



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## Stage 18 - Protection Bar Fitment

- Fit protection bar to vehicle, four (4) M10 x 1.5 x 50mm bolts, flat washers, spring washers and M10x1.5 nuts.
- Use nut and washers on wire on front hole.
- Finger tighten only.



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## Stage 19 - Align protection Bar

Align protection bar and tighten all bolts

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## Stage 20 - Connect Camera

- Connect camera, washer hose and parking sensors.
- Place convoluted tubing, over camera connection and camera washer to protect from the elements. Trim to suit.



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## Stage 21 - Final Checks

- Test all safety features are working correctly.

# Final Checks & Installation Kit

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## 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 - Pair mounting brackets	2 - M10 x 1.25 nut on 300mm wire
1 - Camera cover	2 - M6 x 16mm bolts
1 - Camera mounting plate	4 - M6 flat washers
1 - Camera 3mm spacer	2 - M6 Nyloc nuts
4 - M10 x 1.5 x 50mm bolts	4 - 8-10 x 12 self drilling screws
6 - M10 flat washers	2 - 150mm zip ties
4 - M10 spring washers	2 - Sensor housings
2 - M10 x 1.25 nuts	1 - 900mm length 10mm convoluted tube

# Finished Product

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# Warranty Registration

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## Contact Details

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

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

\_\_\_\_\_

Product: **NBV49SY**

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

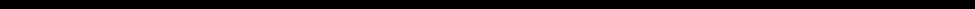
For online registration please go online to [www.ecb.com.au/warranty-registration](http://www.ecb.com.au/warranty-registration)  
If you have any questions please contact our national office on 1800 069 145 or  
[www.ecb.com.au](http://www.ecb.com.au).





**PN:NBV49SY**  
**Please post to PO Box 122,**  
**Margate QLD 4019**

# Notes

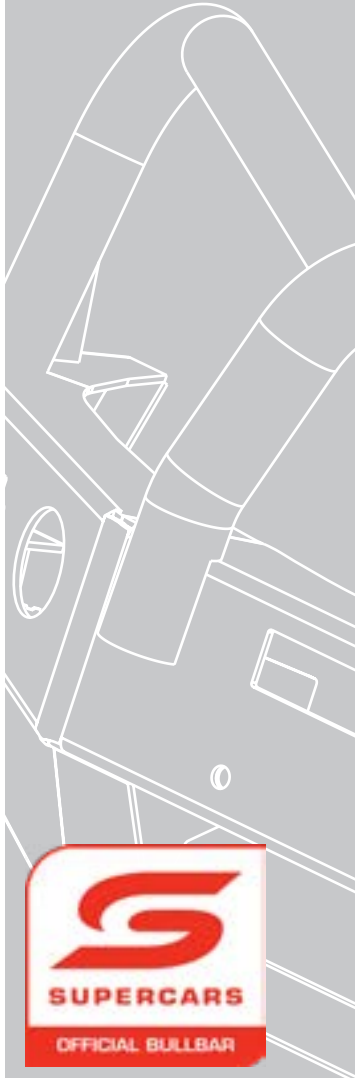


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\_\_\_\_\_ Full Name

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REVISED: 14.02.24



1800 069 145  
[www.ecb.com.au](http://www.ecb.com.au)

# **Strongest Built Australian Made Lifetime Warranty**

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