



**WORLD'S BEST
ALLOY BULLBARS**

**Strongest Built
Australian Made
Lifetime Warranty**

PN: NBMG001SY

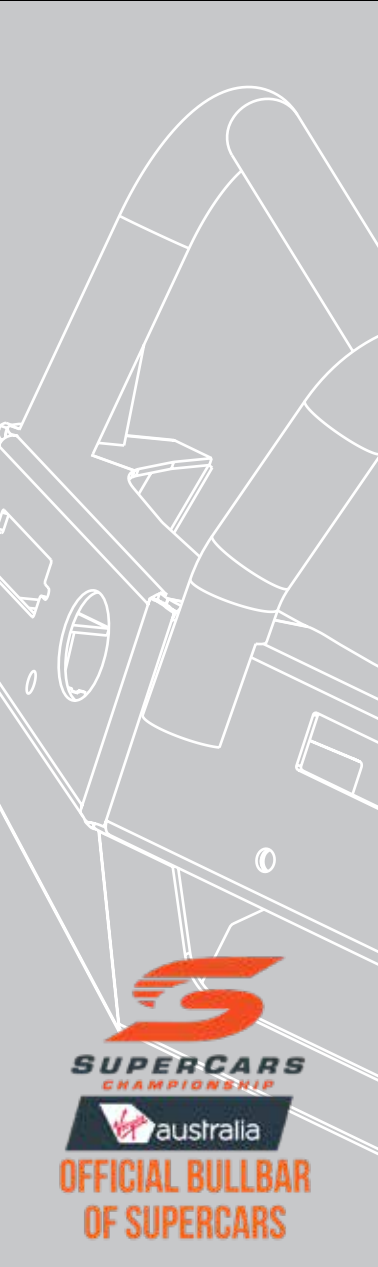


Fitting Guide & Owners Manual

MG ZS 7/2019on

Excite Plus & Essence

76mm Nudge Bar
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES



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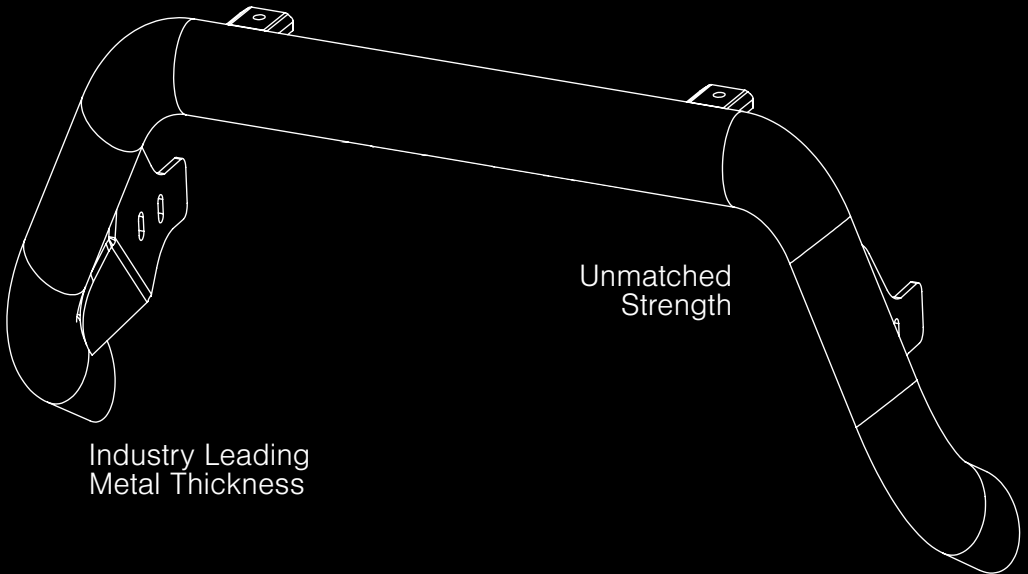
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The Features of ECB

Rust Free

Hi-Tensile Alloy



Unmatched
Strength

Industry Leading
Metal Thickness

Fully Welded
Construction

ECB's Benefits

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 over 46 years 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

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. With over 40 years 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.



Stage 2

- Remove four (4) push/pull clips, two (2) phillips head screws and six (6) 10mm head screws from top radiator trim.
- Remove radiator trim.



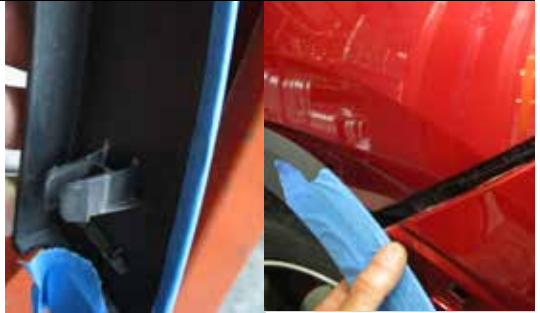
Stage 3

- Remove six (6) phillips head screws from front of guard liner (per/side).
- Remove one (1) phillips head screw from rear wing (per/side).
- Remove six (6) 10mm head bolts from under bumper centre.



Stage 4

- Unclip wheel arch flare and pull out on rear wing to remove bumper from guard locator.
- Unplug fog lights and remove bumper.



Stage 5

- Fit ECB steel mounting bracket on the end of bumper reinforcement, set outside measurement of steel to fit inside measurement of alloy.
- Centralise mount to vehicle. Using ECB steel mounting bracket as a guide, drill two (2) 10mm holes into reinforcement. **Blow all filings clear and treat bare metal with rust inhibitor.** Install M10 x 1.5 x 35mm bolt, flat washers, spring washers and nuts (supplied).

CAUTION - Bumper reinforcement may be offset. Use spacer washers (supplied) on rear of mounting bracket if required.



Stage 6

- On passenger side enlarge hole in front of bumper reinforcement to allow bolt and washer on wire to fit through.
- Drill rear hole into crash can to 10mm on both sides of vehicle. **Blow all filings clear and treat bare metal with rust inhibitor.** Install M10 x 1.5 x 40mm bolt and washer on wire, flat washer, spring washer and nut (supplied).
- Align mounts and **tighten all bolts.**



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Stage 7

- Using steel mounting bracket measurement as a guide, mark and carefully cut lower grille to fit over steel mount.

NOTE: Cut bumper only large enough for steel mount to protrude.



Stage 8

- Refit bumper to vehicle using original equipment in the reverse step of 3 and 4.



Stage 9

- Fit protection bar onto steel mounting brackets using two (2) M10 x 1.5 x 40mm bolts, flat washers, spring washers and nuts per/side (supplied).
- Align protection bar to front of vehicle and **tighten all bolts.**



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.

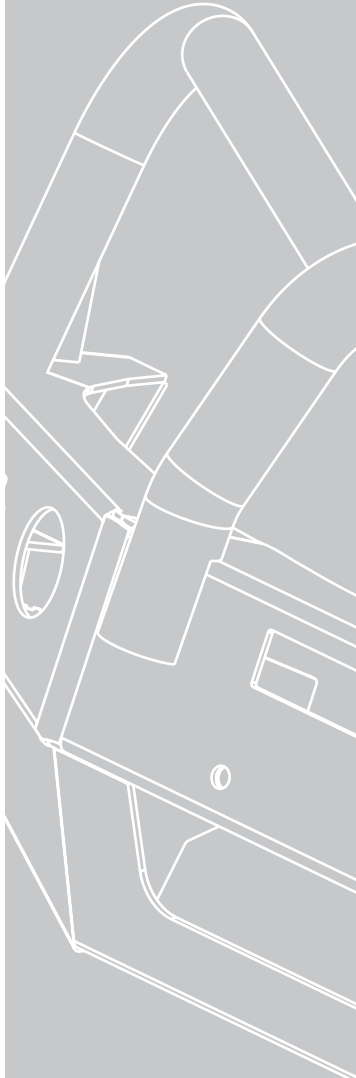
Installation Kit

1 - Pair Steel mounting brackets	4 - M10 x 1.5 x 35mm bolts
4 - 40mm x 11mm x 4mm spacer washer	18 - M10 Flat washers
4 - M10 x 1.5 x 40mm bolts	10 - M10 Spring washers
2 - M10 x 1.5 x 40mm bolt/washer on 300mm wire	10 - M10 x 1.5 Nut

Finished Product



REPLACES: N/A
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Strongest Built Australian Made Lifetime Warranty

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