



**Safer
Lighter
Stronger**

PN:08MN9011SYF



Fitting Guide & Owners Manual

MAN TGS 26t

/2022 ON

TWO POST LOOP BAR
VEHICLE FRONTAL PROTECTION SYSTEM (VFPS)
FOR AIR BAG & ADR COMPLIANT VEHICLES

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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 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

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 assist features are correctly working and to gauge effectiveness. Park on a flat level surface.
- Apply parking brake.
- Unwrap ECB Protection bar and disconnect mounts. Discard bolts.
- Ensure these instructions are left with the vehicle owner and/or operator.
- Lift front bonnet.



Stage 2

- Remove two (2) T27 torx screws (per side) from outer inner infill panel on side of upper headlight trim, remove infill.



Stage 3

- Remove four (2) T27 torx screws (per side) from side of head lights.



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Stage 4

- On drivers side disconnect main head light harness and harness from rear of headlight.
- Disconnect passenger side harness from behind light.

NOTE: Passengers side shown.



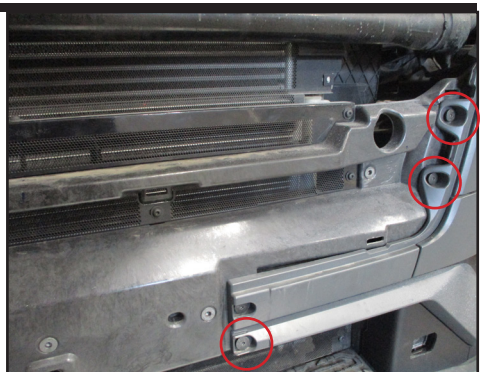
Stage 5

- Centre of grille remove two (2) T27 torx screws, number plate mount remove three (3) torx screws and on underside of bumper remove three (3) torx screws.
- On side of sonar cover remove two (2) T20 torx screws.
- Remove sonar cover.



Stage 6

- At front of light surrounds remove three (3) T27 torx screws (per side).
- Gently pull head light surrounds from around lights and remove.



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Stage 7

- Remove head lights (4) T17 Torx screws.



Stage 8

- Lower outer grill remove covers, to expose 15mm head bolt one (1) per side, remove these bolts.



Stage 9

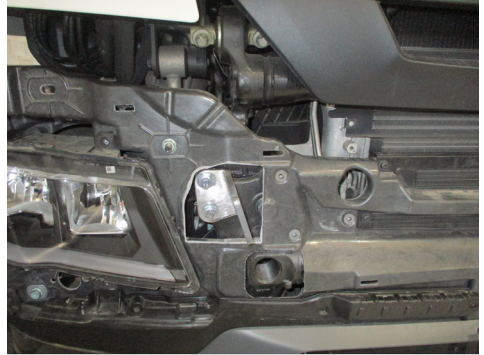
- Trim bumper support panel to allow upper steel support brackets to protrude through panel using grinder with cut off wheel.
- Carefully cut only through fibre reinforced plastic. **CAUTION:** Do not cut steel bracket behind plastic paneling.
- Paint all exposed metal from cut.



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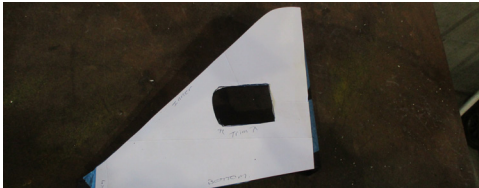
Stage 10

- For upper bumper support mount, remove two (2) 15mm head bolts (per side).
- Fit upper steel support bracket (supplied) using two (2) M10 x 1.5 x 50mm bolts, flat washers and spring washers (per side).
- Finger tighten only.



Stage 11

- Use template to trim top headlight cover and lower grill cover for mounting bracket.
- Tape area to be trimmed to avoid any damage. Double check before cutting, use jig saw or hack saw to trim.



Stage 12

- Refit headlights
- Do not refit headlight trims at this stage.



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Stage 13

- Partially remove rubber infill behind FUPS mount.
- Remove lower bolt from FUPS bracket and replace with M12 x 1.75 x 120mm bolt, flat washers, and nyloc nut. Fit lower steel support bracket to underside of FUPS mount.
- Trim and refit rubber infill after mount is fitted.



Stage 14

- Install upper section of lower mount bracket through cut out lower bumper using M10 x 1.5 x 40mm bolt, flat washer and spring washer, to secure.
- Finger tighten only
- Join upper and lower brackets together using M10 x 1.5 x 40mm bolt, flat washers and nyloc nuts.
- Align mounts and tighten all bolts.



Stage 15

- Fit protection bar to lower steel mounting brackets using M12 x 1.75 x 40mm bolt, flat washers and nyloc nuts.
- Place M12 flat washer between steel mounting bracket and alloy mounting bracket.
- Tighten bolts only enough to allow protection bar to be tilted freely.



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Stage 16

- Place Protection Bar into vertical position and align top steel support brackets with alloy support brackets.
- Align and tighten bolts.



Stage 17

- Tilt Protection Bar forward.
- Refit all upper panels in reverse steps 2 to 6.



Stage 18

- Secure Protection Bar in vertical position. Secure top support mounts using M12 x 1.75 x 40mm bolts, flat washers, M12 spring washers and M12 x1.75 nuts.
- Tighten bolts.



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Stage 19

- Check that all safety features are working correctly.



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

2 - M12 x 1.75 x120mm bolts	4 - M10 x 1.5 x 50mm bolts
4 - M12 x 1.75 x 40mm bolts	4 - M10 x 1.5 x 40mm bolts
14 - M12 flat washers	10 - M10 flat washers
2 - M12 spring washers	6 - M10 spring washers
4 - M12 x 1.75 nyloc nuts	2 - M10 x 1.5 nyloc nuts
2 - M12 x 1.75 nuts	

Finished Product



Warranty Registration

Contact Details

Name: _____

Address: _____

Product: **08MN9011SYF**

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
If you have any questions please contact our national office on 1800 069 145 or
www.ecb.com.au.

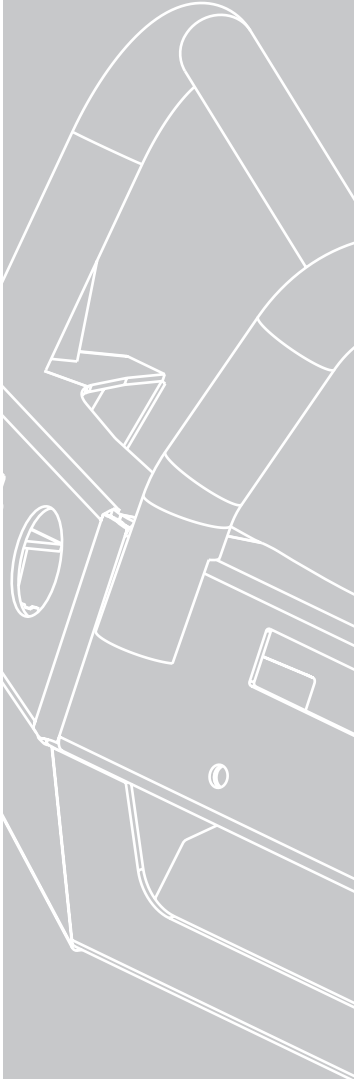
Or Post To:

PO Box 122, Margate, QLD 4019



PN: 08MN9011SYF
Please post to: PO Box 122,
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REPLACES: N/A
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