

# TRAILBOSS

## Towbar Fitting Instructions To Suit **MERCEDES BENZ VIANO** on Part Number **QTMB410L** Rating **2000 kg**

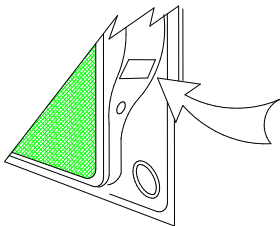
PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETE

### **WARNING:**

1. Do not, drill, cut, weld or otherwise modify the tow bar.
2. If you are using electric welding on a motor vehicle, **always** check that the vehicle is not equipped with electronic engine or instrument management equipment. Failure to do so could **destroy** any onboard computers. If in doubt, check with the vehicle's manufacturer.
3. The high tensile fasteners supplied with this product were used to achieve the specified rating. If replacement is required ensure that fasteners of the same rating & quality are used. Contact an authorised **Trailboss** dealer if further information is required.

### **General:**

1. Ensure all hardware items have been included refer to assembly diagram.
2. It is recommended that the instructions are read through and completely understood before making any attempt to fit this product.
3. Be wary of any changes to vehicle designs or other accessories that may conflict with the installation of this product.
4. Before drilling ensure that the area is clear of fuel, electrical & other components.
5. All holes drilled into the body panels shall have all burrs & swarf removed then coated with a suitable rust preventative paint.
6. For vehicles that require the bumper to be cut. Ensure cut out area is in correct position on the vehicle prior to cutting the bumper.
7. The high tensile fasteners supplied with this product were used to achieve the specified rating. If replacement is required ensure that fasteners of the same rating & quality are used. Contact an authorized **Trailboss** dealer if further information is required.
8. Ensure that all hardware is fastened to torque list below check fasteners on regular basis.
9. Tow bar load rating sticker provided with this product shall be conspicuously located on inside rear end of the driver's door. **(See diagram below)**.
10. Trailboss recommends that you check your tow ball to ensure that it complies with the Australian standards **AS 4177.2**.
11. **PLEASE NOTE:** It is advised to remove your lug or tbm when not actually towing so as to produce a clear view of the vehicles registration plate if obscured, and to also provide maximum available departure angle
12. Pull Pin must be fit in down position.



Place load rating sticker  
inside driver's door here

**FOR TRAILER TOWING PURPOSES ONLY**  
For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.

#### RECOMMENDED ASSEMBLY TORQUE LISTING

Diameter	Grade 8.8 Bolt
M6	9.5 Nm
M8	21.7 Nm
M10	43.4 Nm
M12	77.3Nm
M14	146 Nm
M16	189.8 Nm

### **Tow bar Maintenance and Care.**

Trailboss recommends that bolt torque's, as listed below, are routinely and regularly inspected and checked for correct tension. Replace any worn or defective parts.

We recommended to remove Tow Ball Mounts (TBM's, tongues or lugs) when not being used for any considerable length of time.

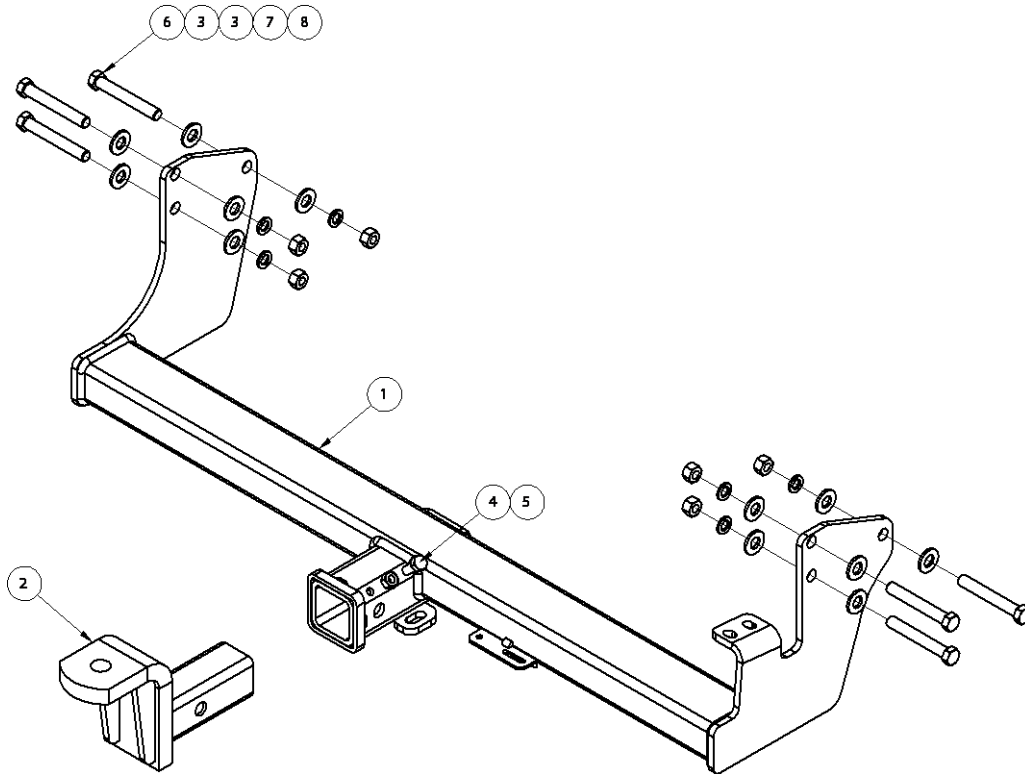
So as to avoid injury, when not towing it is suggested that the tongue, Pull Pin and R-clip are removed then stored in a safe, clean and dry place, away from excessive moisture.

Hitch Pull Pins and spring "R" clips are regularly checked for proper installation. Replace any worn or defective parts.

# TRAILBOSS

Towbar Fitting Instructions  
 To Suit **MERCEDES BENZ VIANO** on  
 Part Number **QTMB410L**  
 Rating **2000 kg**

PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETE



ITEM No.	DESCRIPTION	QTY
1	TOWBAR	1
2	TBM	1
3	BOLT HEX HD M12x90x1.75P	6
4	NUT HEX HD M10x1.5P	1
5	BOLT HEX HD M12x25x1.5P	1
6	WASHER PLAIN M14x28x3	12
7	WASHER SPRING M12x4x2.5	6
8	NUT HEX HD M12x1.75P	6

ADDITIONAL ITEMS

COLLAR COVER      PULL PIN      R CLIP      WIRING LOOM

FITTING INSTRUCTION      LOAD RATING LABEL



Towbar Fitting Instructions  
To Suit **MERCEDES BENZ VIANO** on  
Part Number **QTMB410L**  
Rating **2000 kg**

PLACE THESE INSTRUCTIONS IN THE VEHICLE'S GLOVEBOX AFTER INSTALLATION IS COMPLETE

1. Remove Shipping Hook for the End of Driver's Side Rear Chassis Rail.  
Retain the 2 vertical M12 Bolts.
2. Place the Towbar Driver Side first in position with an angle in order to avoid the exhaust.  
Loosely mount the Towbar with M12x90 Bolts with Spring & Flat Washers and Nuts.
3. Use the 2 Retained M12 Bolts; loosely mount onto vertical hole of the driver side Bracket.

TORQUE ALL BOLTS TO THE SPECIFIED TORQUE ON PAGE1.

4. Slide TBM into Hitch Box, secure with Pull Pin and R Clip; tighten anti-rattle Nut to lock TBM.



Wiring Loom Fitting Instructions  
To Suit Mercedes Viano  
Part Number 100809-WL

## Wiring Loom Installation Instructions

Mercedes Viano  
Part No: 100809-WL  
ECU Required: 04826

Tail Harness Length Required: 1200mm

Wiring Loom Installation Time: Approx 30 Mins

## Wiring Loom Fitting Instructions To Suit Mercedes Viano Part Number 100809-WL

1. On the rear of the vehicle, using a trim removal tool, remove the LHS 'D' pillar trim.
2. On the LHS of the luggage compartment, remove the three fasteners and remove the LHS luggage compartment trim.
3. Dislodge the roof lining panel by first releasing the two fasteners on the cargo hook support.

**Repeat for the RHS.**

4. On the LHS of the vehicle, remove the tail light by first removing the four torx head screws.

**Repeat for the RHS.**

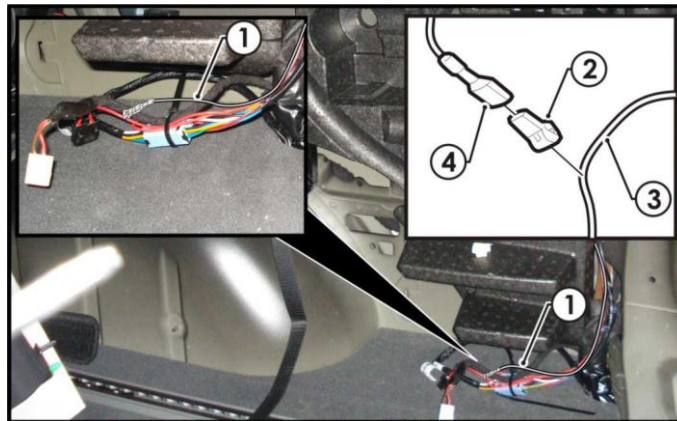
5. On the RHS of the luggage compartment, remove the 'D' pillar trim by first carefully dislodging and disconnecting the cargo control system connector.
6. On the RHS of the luggage compartment, remove the luggage compartment trim by first removing the fasteners and disconnect the 12v connector.
7. On the RHS of the luggage compartment, underneath the carpet, drill out a Ø30mm hole (1).



8. On the LHS of the vehicle, connect the trailer patch (100809-WL) in between the tail light and the tail light connector.
9. Route the trailer harness up the 'D' pillar trim, and through the previously dislodged roof lining panel towards the RHS of the luggage compartment.
10. On the RHS of the luggage compartment, on the 'D' pillar area, connect the trailer patch 12-way connector to the ECU (04826).
11. Apply double sided tape to the ECU and adhere it to the vehicle sheet metal in a suitable location.

## Wiring Loom Fitting Instructions To Suit Mercedes Viano Part Number 100809-WL

12. Secure the ground ring terminal to the sheet metal using a tech screw in a suitable location.
13. On the RHS of the vehicle, connect the trailer patch (100809-WL) in between the tail light and the tail light connector.
14. Route the 'ORANGE' power wire (1) towards the rear LHS quarter panel, and following the table below, connect the ezy-tap (2) to the vehicle 'RED' auxiliary power wire (3), then connect the trailer patch terminal (4) to the ezy-tap (2).



Function	Trailer Patch	Vehicle Connector
POWER	ORANGE	RED

15. Mount the trailer socket to the tow bar mounting bracket using M4 fasteners (not supplied).
16. Route the tail harness across the tow bar towards the RHS of the vehicle and up through the previously drilled out hole.
17. Ensure the tail harness grommet is seated correctly and secure in place using a cable tie (not supplied).
18. Connect the tail harness (tail length 1200mm) 8-way connector to the trailer patch mating 8-way connector.
19. Test the trailer patch function using a light board or multi meter.
20. Secure all harnesses using cable ties (not supplied).
21. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
22. Place the fitting instructions in the glove box after fitment.