



Tow bar Fitting Instructions
To Suit **HOLDEN CREWMAN S & SS 10/03 - ON**
Part Number **QTHD499L**
Rating 2500Kg

PLEASE READ INSTRUCTIONS THROUGH BEFORE YOU BEGIN

WARNING:

1. Do not, drill, cut weld or otherwise modify the towbar.
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.

Max. Towing Weight: 2500kg

1. Ensure all hardware items have been included.
2. Remove spare wheel.
3. Using suitable cutting blade, remove bumper cut-out as per marking on underside of bumper.
4. Remove two plastic trim plugs from underside of bumper bar.
5. Bend up & out of the way bumper support tabs.
6. Remove rearmost exhaust bracket from chassis.
7. Position towbar using 2 - M12x35 bolts, spring and flat washers, securing both left and right side of towbar, loosely.
8. Refit rearmost exhaust bracket and tighten.
9. Secure the towbar using 2 horizontal M14x45 bolts, into left and right hand side chassis rail and 2 horizontal M12x35 bolts, into rear chassis rail cross-member.
10. Tighten bolts to specified torque, as shown below.
11. Refit plastic trim plugs into bumper tags on tow bar.
12. Refit spare wheel

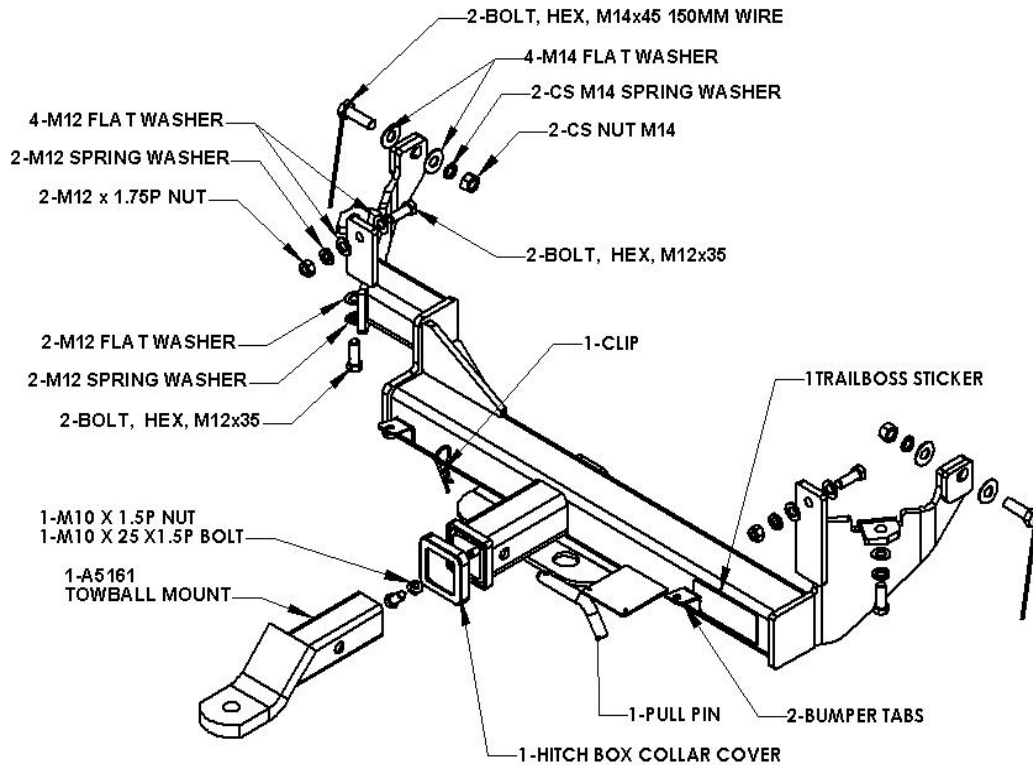
NOTE: Trailboss recommends that you check your towball to ensure it complies with Australian Design Rules.

RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<u>Grade 8.8 Bolt</u>
	Nm
M6	9.5
M8	21.7
M10	43.4
M12	77.3
M14	121.0
M16	189.8



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Wiring Loom Fitting Instructions
To Suit Holden Commodore – VT to VZ
Part Number 100044-WL

Wiring Loom Installation Instructions

Holden Commodore – VT to VZ

Part No: 100044-WL

Tail Harness Length Required: 1200mm

RPA Override Switch Part No: 04848 (If Fitted)

Wiring Loom Installation Time: Approx 20 Mins

Sedan – Page 2

Wagon – Page 4

Crewman – Page 5



**Wiring Loom Fitting Instructions
To Suit Holden Commodore – VT to VZ
Part Number 100044-WL**

The following steps are for Sedan models only. For Wagon models please proceed to Page 4. For Crewman models please proceed to Page 5.

1. In the luggage compartment, remove all trims required to gain access to the tail lights.
2. Remove the rear bumper fascia fasteners and then remove the rear bumper fascia (1).
3. Drill a Ø30mm grommet hole into the location shown (2). File down any rough edges and spray on rust inhibitor.



4. Mount the Tail Harness socket (Tail length 1200mm) to the towbar mounting bracket using M4 fasteners.
5. Route the harness along the towbar and into the grommet hole.
6. In the luggage compartment, retrieve the Tail Harness.
7. Adjust the harness grommet to the desired position, ensuring that it is seated correctly into the vehicle grommet hole. Secure the vehicle grommet using a cable tie (not supplied).
8. On the outside of the vehicle, secure the harness to the towbar using cable ties (not supplied).
9. Disconnect the RHS tail light connectors and the 1-way indicator connector. Connect the Trailer Patch Harness (P/No: 100044-WL) in between the tail light connectors and the 1-way indicator connector.
10. Connect the Tail Harness 8-Way male connector to the Trailer Patch Harness 8-Way female connector.
11. Re-fit the rear bumper fascia.



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12. Test the Trailer socket using a light board or multimeter.
13. Secure all the harnesses using cables ties (not supplied).
14. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
15. Place instructions in glove box after fitment.



Wiring Loom Fitting Instructions
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Part Number 100044-WL

The following steps are for Wagon vehicles only. For Sedan vehicles please refer to Page 2. For Crewman models please proceed to Page 5.

1. Remove the rear bumper fascia.
2. Gain access to the tail lights.
3. Remove the tail light assembly.
4. Drill a Ø30mm hole into the rear tail gate, below the RHS tail light cavity opening. File down any rough edges and spray on rust inhibitor.
5. Mount the Tail Harness socket (Tail length 1200mm) to the towbar mounting bracket using M4 fasteners.
6. Route the Tail Harness along the towbar and into the grommet hole
7. Adjust the harness grommet to the desired position, ensuring that it is seated correctly into the vehicle grommet hole. Secure the vehicle grommet using a cable tie (not supplied).
8. Secure the harness to the towbar using cable ties (not supplied).
9. Disconnect the RHS tail light connectors and the 1-way indicator connector. Connect the Trailer Patch Harness (P/No: 100044-WL) in between the tail light connectors and the 1-way indicator connector
10. Connect the Tail Harness 8-way male connector to the Trailer Patch Harness 8-way female connector.
11. Test the Trailer Harness function using a Light Board or multimeter.
12. Secure the Trailer Patch Harness using cable ties (not supplied).
13. Re-fit all removed parts and secure all fasteners, ensuring there are no squeaks or rattles.
14. Place the instructions in the glove box after fitment.



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The following steps are for Crewman vehicles only. For Sedan vehicles please refer to Page 2. For Wagon models please proceed to Page 4.

1. From the outside of the vehicle, dislodge the tub liner.
2. Remove the RHS access panel by first releasing the eight Phillips head screws.
3. Locate and disconnect the vehicle 6-Way connectors and connect the trailer patch (100044-WL) mating 6-Way connectors in between.
4. Connect the trailer patch 1-Way connector to the vehicle mating 1-Way connector.
5. Mount the trailer socket to the towbar mounting bracket using M4 fasteners (not supplied).
6. Route the tail harness (tail length 1200mm) along the towbar and towards the RHS of the vehicle.
7. Route the tail harness through the grommet hole behind the vehicle number plate.
8. Using a guide wire, route the tail harness 8-way connector up towards the trailer patch.
9. Connect the trailer patch 8-way connector to the tail harness mating 8-way connector.
10. Test the Trailer Harness function using a Light Board or multimeter.
11. Secure the Trailer Patch Harness using cable ties (not supplied).
12. Re-fit all removed parts and secure all fasteners ensuring, there are no squeaks or rattles.
13. Place the instructions in the glove box after fitment.