



Towbar Fitting Instructions
To Suit Holden VY Cab Chassis
Part Number QTHD492L
Rating 2100Kg

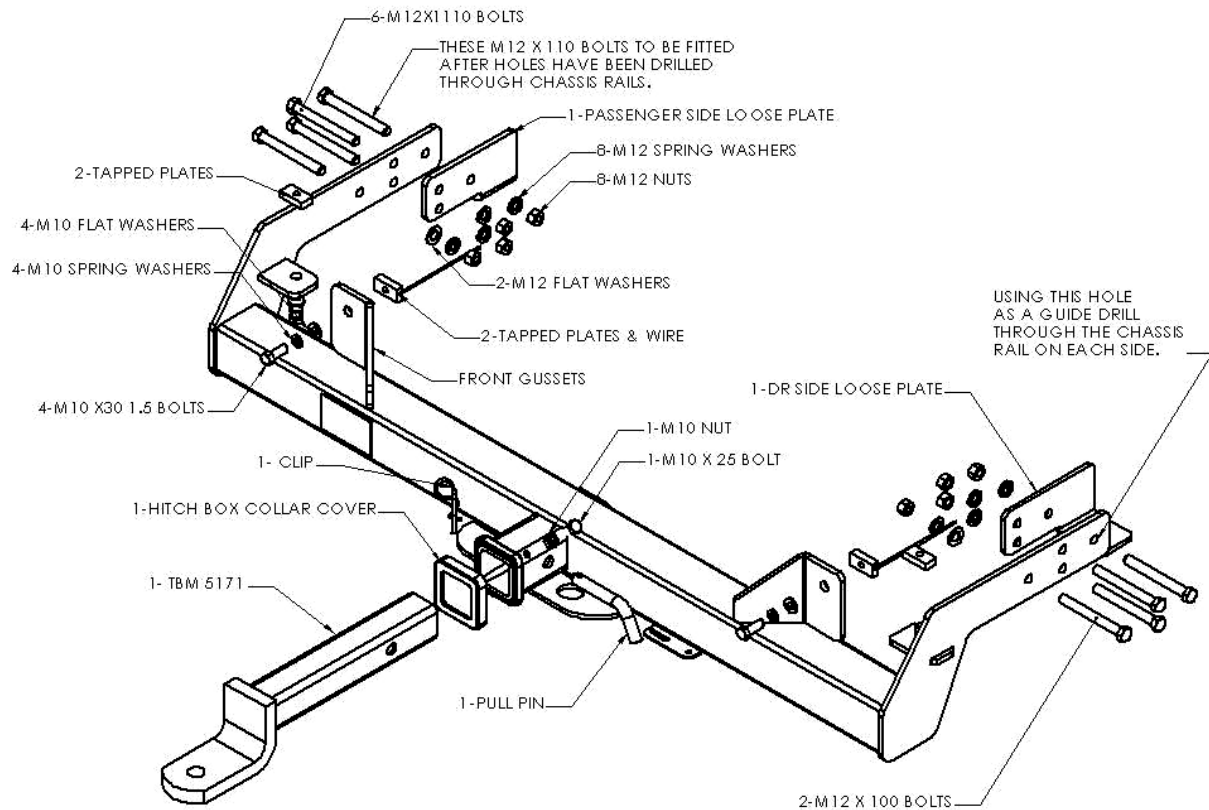
1. Ensure all hardware items have been included.
2. Lift bar into position align holes on side arms concentric with large holes on side of chassis rails.
3. Fit M12 bolts as per diagram while fitting the loose plates on the inner face of the chassis rails see diagram don't tighten fully.
4. Feed tapped plate on wire through larger holes on rear most chassis member to align with holes on front gussets, fit M10 x 30 bolts flat & spring washers as per diagram.
5. Feed tapped plates through holes on end of chassis rail fit M10 x 30 bolts flat & spring washers as per diagram.
6. Tighten all M 10 bolts to torque listing.
7. Tighten 6 M12 bolts to torque listing as per diagram ensuring that the loose plate on each side fits square to chassis rail.
8. Using forward most hole on side arm as a guide drill through chassis rail on each side M12 so as to align with loose plate on inner face of chassis rail.
9. Fit two remaining M12 bolts.
10. Tighten all bolts to torque listing below.

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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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.



Wiring Loom Fitting Instructions
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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.