



Towbar Fitting Instructions
To Suit Holden VT Commodore 6-99 on
Part Number QTHD481A
Rating 2100Kg

1. Remove the spare wheel, bumper bar, bumper stiffener and stiffener brackets. Retain the four M12 nuts (Item 3) from the stiffener brackets.
2. From inside the spare wheel well remove the steel grommet which is located at the centre rear of the spare wheel well (Body deadener will need removing) and the rubber grommet located on the rear boot panel.
3. Offer the outer stiffening bracket (Item 14) to the under side of the spare wheel well, position over the 2 existing 10mm studs and loosely secure using M10 spring washers and M10 x 1.5p nuts (Items 4 and 5).
4. Offer towbar (Item 1) to vehicle, refit bumper stiffener brackets and loosely secure using, $\frac{1}{2}$ " spring washers and existing M12 nuts (Items 3 and 10).
5. Place two $\frac{5}{8}$ " flat washers (Items 6) over top of the hole where the steel grommet was previously removed (Ensure all body deadener is removed from under washers). Position the inner stiffening bracket (Item 13) on top of the $\frac{5}{8}$ " flat washers and align with hole in rear boot panel. Secure the mounting position through rear boot panel into towbar using $\frac{1}{2}$ " x $1\frac{1}{2}$ " unc bolt, spring washer and flat washer. (Items 9, 10 and 12).
6. Using the remaining holes in the outer stiffening bracket as a guide, drill 13mm holes through wheel well. Fit $\frac{1}{2}$ " x $1\frac{1}{2}$ " bolts, and $\frac{1}{2}$ " x 2" bolt with flat washer, spring washer and nuts. (Item 9, 10 and 11)
7. Using holes in inner stiffening bracket, as a guide on passengers side drill through wheel well and fit $\frac{1}{2}$ " x $1\frac{1}{2}$ " bolts, dual fitting plates, spring washers and nuts. (Item 9, 15, 10 and 11)
8. Using the remaining holes in the outer stiffening bracket as a guide drill 13mm holes through spare wheel well. Secure left side using $\frac{1}{2}$ " x $1\frac{1}{2}$ " bolt, HD21 fitting plate, $\frac{1}{2}$ " spring washers and nuts (Items 9, 4, 10 and 11). Secure the right side with $\frac{1}{2}$ " x $1\frac{1}{2}$ " bolts, dual hole fitting plate, $\frac{1}{2}$ " spring washer and nut (Items 9, 15, 10 and 11).
9. Tighten all bolts to the correct torque settings as listed below.
10. Cut out required section from bumper bar by following the dotted line present on the inside of the bumper bar, leave the cut 8mm short of the top line.
11. Place the bumper trim (Item 20) around the cut out, trim excess off to suit. Refit bumper stiffener and bumper bar. Cover bolt head (Item 8) with foam pad (Item 19) and replace spare tyre.
12. Secure the hitch box collar (Item 18) over hitch box by applying firm even pressure.
13. Secure the tongue to the towbar using pull pin and "R" clip (Items 16 and 17).

NOTE: TO PREVENT POSSIBLE DAMAGE TO VEHICLE REFER TO THE OWNERS MANUAL OR YOUR HOLDEN DEALER FOR THE REQUIRED ACCESSORIES FOR TOWING HIGH LOADS.



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COMPONENT KIT

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>TORQUE</u>
N 1	Towbar	1	
2	Tongue (5012)	1	
3	Existing M12 Nuts	4	77
4	M10 x 1.5p nuts	2	44
5	M10 Spring Washers	2	
6	5/8" Flat Washers (Large) 48.5 O.D x 4mm thick	2	
7	1/2" x 3" unc bolt	1	125
8	1/2" x 2" unc bolt	1	125
9	1/2" x 1 1/2" unc bolt	5*	125
10	1/2" Spring Washer	11	
11	1/2" unc Nut	6	
12	M12 Flat Washers	3	
13	Inner Stiffening Bracket	1	
14	Outer Stiffening Bracket	1	
15	Dual Hole Fitting Plate (50 X 6 X 100)	1	
16	"R" Clip	1*	
17	Pull Pin	1*	
18	Hitch Box Collar	1	
19	Foam Pad (65 x 8 x 60)	1	
20	Bumper Cut Out Trim (Pinch Weld 66-035) x 530mm	1	

NOTE: * ONE OF EACH ITEM IS USED TO SECURE THE LOOSE ITEMS TO THE TOWBAR DURING TRANSIT.

Wire Loom

Signal	Wiring Harness	RHS of Vehicle	LHS of Vehicle
RH Turn	Green	Blue	
LH Turn	Yellow	Light Blue	
Stop	Red	Blue/Red	
Tail Light	Brown	Brown	
Earth	White	Blue/Black	

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