



Towbar Fitting Instructions
TO SUIT HOLDEN VIVA 5 DOOR-9-2005-ON
Part Number HD83
Rating 1200Kg

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.
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1. Ensure all hardware items have been included.
 2. Remove the following from the luggage compartment.
 - a) Parcel shelf, via lifting
 - b) Spare wheel cover, via lifting
 - c) Centre trim, via 2 plastic trim buttons and 3 bolts behind anchor points; then pull up to Release the retaining clips.
 - d) ¼ trim via 2 upper and lower screws and 4 plastic trim buttons on each side. Note for the passenger side ¼ trim, remove the compartment light
 - e) Where each ¼ trim was located, remove 2 nuts and bolts.
 3. Remove the bumper via removing.
 - a. 4 screws around the top part of the bumper bar
 - b. 4 screws under each rear wheel arch.
 - c. Remove bumper by pulling outward at each wheel arch and rearward
 4. After the bumper has been removed, remove the bumper reinforcement via the removal of the 6 plastic trim buttons.
 5. Once removed, discard the bumper reinforcement and 4 of its trim buttons
 6. Referring to *Figure 1*, cut out a relief in bumper to facilitate the new towbar.
 7. Remove rear muffler via removing,
 - a. Bolts on exhaust flange
 - b. Muffler mounts
 8. Remove charcoal canister. Note it may be necessary to remove the fuel filler line to remove the charcoal canister.
 9. Fit tow bar into the rear of the vehicle's sub-frame assuring that all of the mounting holes line with the existing mounting holes.
 10. Fasten the towbar assuring that the loose plates are inserted between the sub frame and towbar for the bumper reinforcement bolts and the loose plates and spring washers for the other bolts.
 11. Tighten all bolts to torque listing below.
 12. Reassemble the car in the reverse of steps 8, 7, 3 and 2; also ensure that two of the trim buttons removed from the bumper bar reinforcement are reinstalled locating the bumper the towbar

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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
M16	189.8

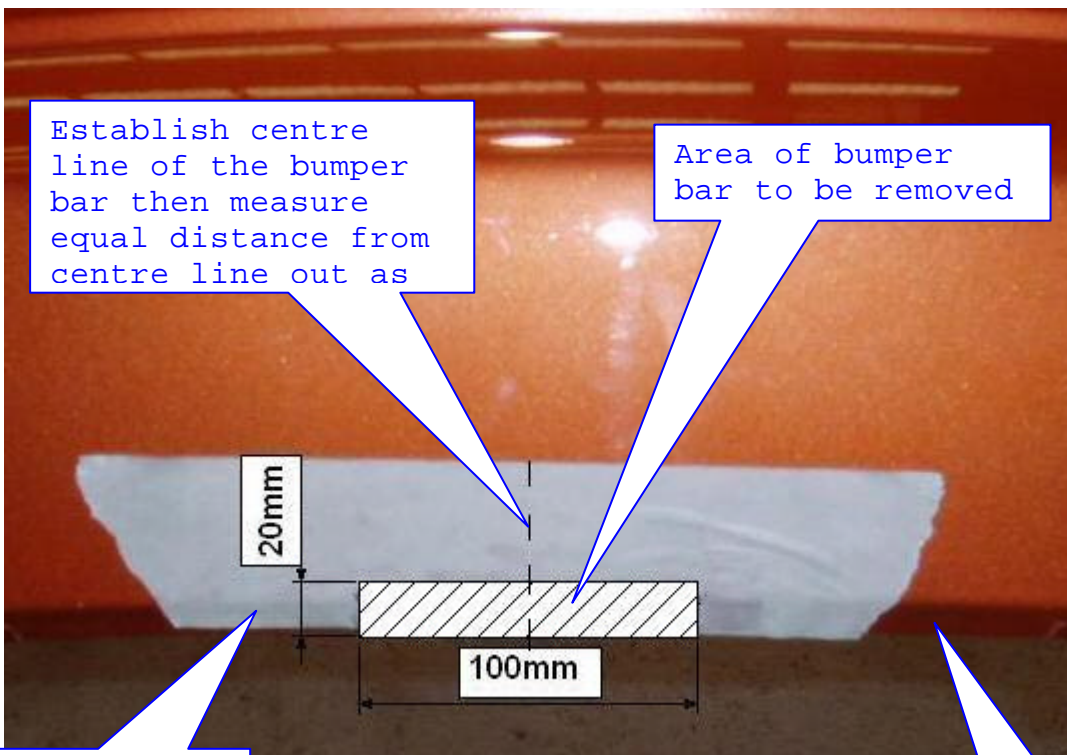


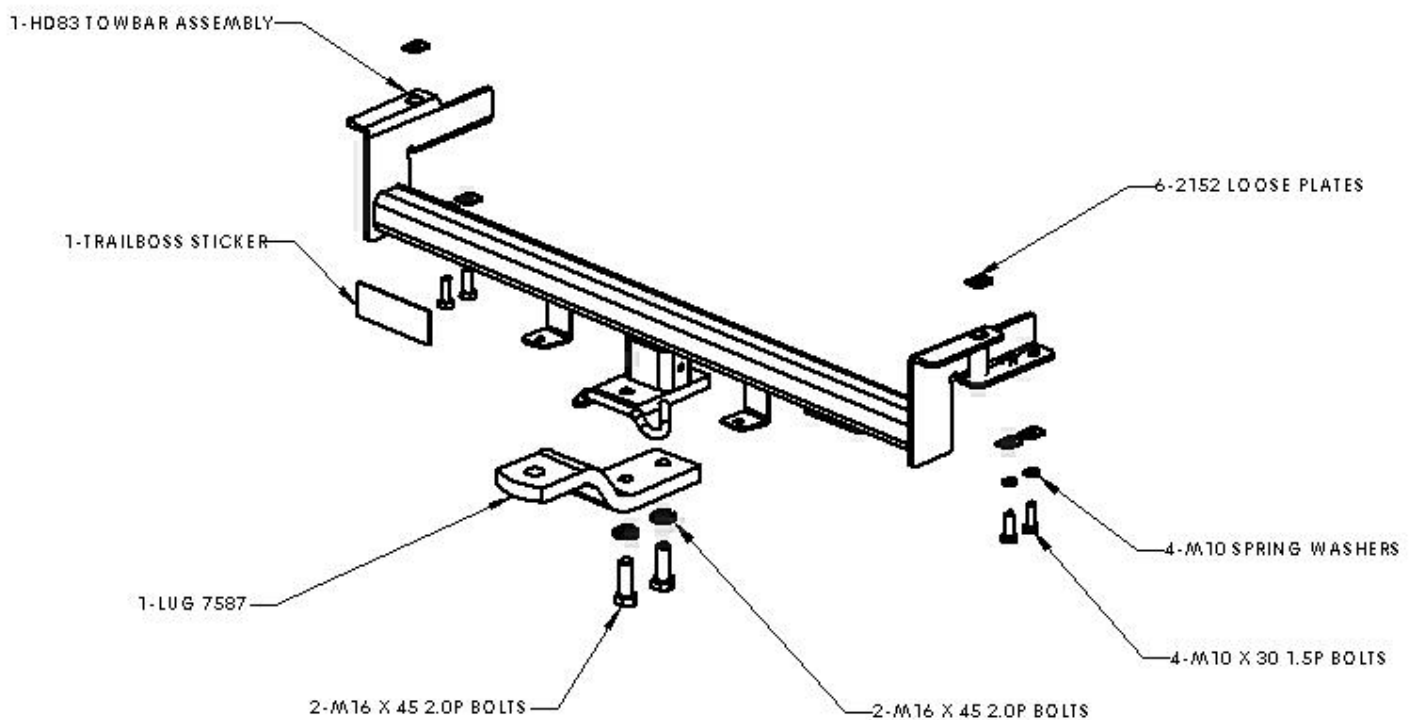
Figure-1 Location of bumper cut

Place masking tape over area to be cut to avoid damage to bumper

Underside of bumper shown



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PLEASE NOTE: You must remove the lug unless you are actually towing if it obscures your number plate. Failure to do so may result in a fine.