

INSTALLATION INSTRUCTIONS

01497-TO SUIT SUBARU OUTBACK MY97 & MY98 9/96-9/98

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.

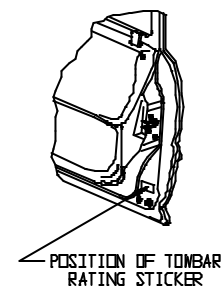
1. Ensure all hardware items have been included.
2. Remove rear bumper bar in accordance with repair manual.
3. Remove plastic screw clips retaining metal frame to bumper bar.
4. Cut metal frame as per diagram.
5. Remove four 8mm bolts from metal frame.
6. Position towbar in place, between metal frame sections that were secured together by bolts removed in step 5.
7. Replace bolts with four M8 bolts supplied. (Discard M8 nuts which are used in MY99 only.)
8. Ensure holes in towbar align with tapped holes in metal frame mounting arms and tighten bolts.
9. Fit towbar and metal frame assembly into plastic bumper.
10. Refit all plastic screw clips.
11. Fit towbar and bumper bar assembly onto vehicle. **NOTE:** This is a tight fit between inner chassis face and towbar arms, slide in squarely to avoid jamming.
12. Fit six bumper bar mounting bolts supplied.
13. Refit all remaining bumper bar bolts and clips.
14. Tighten all bolts to torque listing below.
15. Towbar rating sticker to be conspicuously located on inside rear end of the driver's door. (see diagram below)

RECOMMENDED ASSEMBLY TORQUE LISTING

<u>Diameter</u>	<u>Grade 4.6 Bolt</u>	<u>Grade 8.8 Bolt</u>
	Nm	Nm
M6	3.5	9.5
M8	8.6	21.7
M10	16.9	43.4
M12	29.8	77.3
M16	74.0	189.8

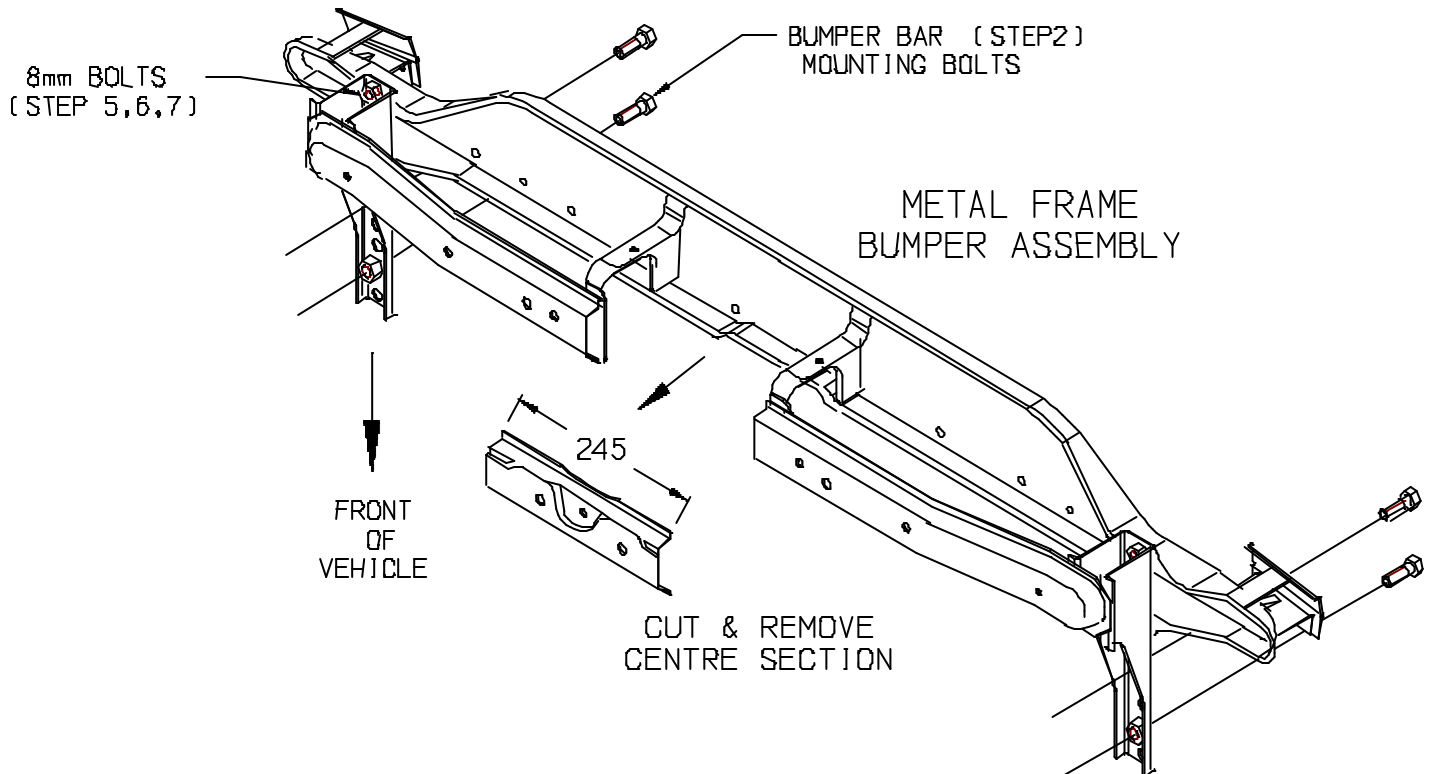
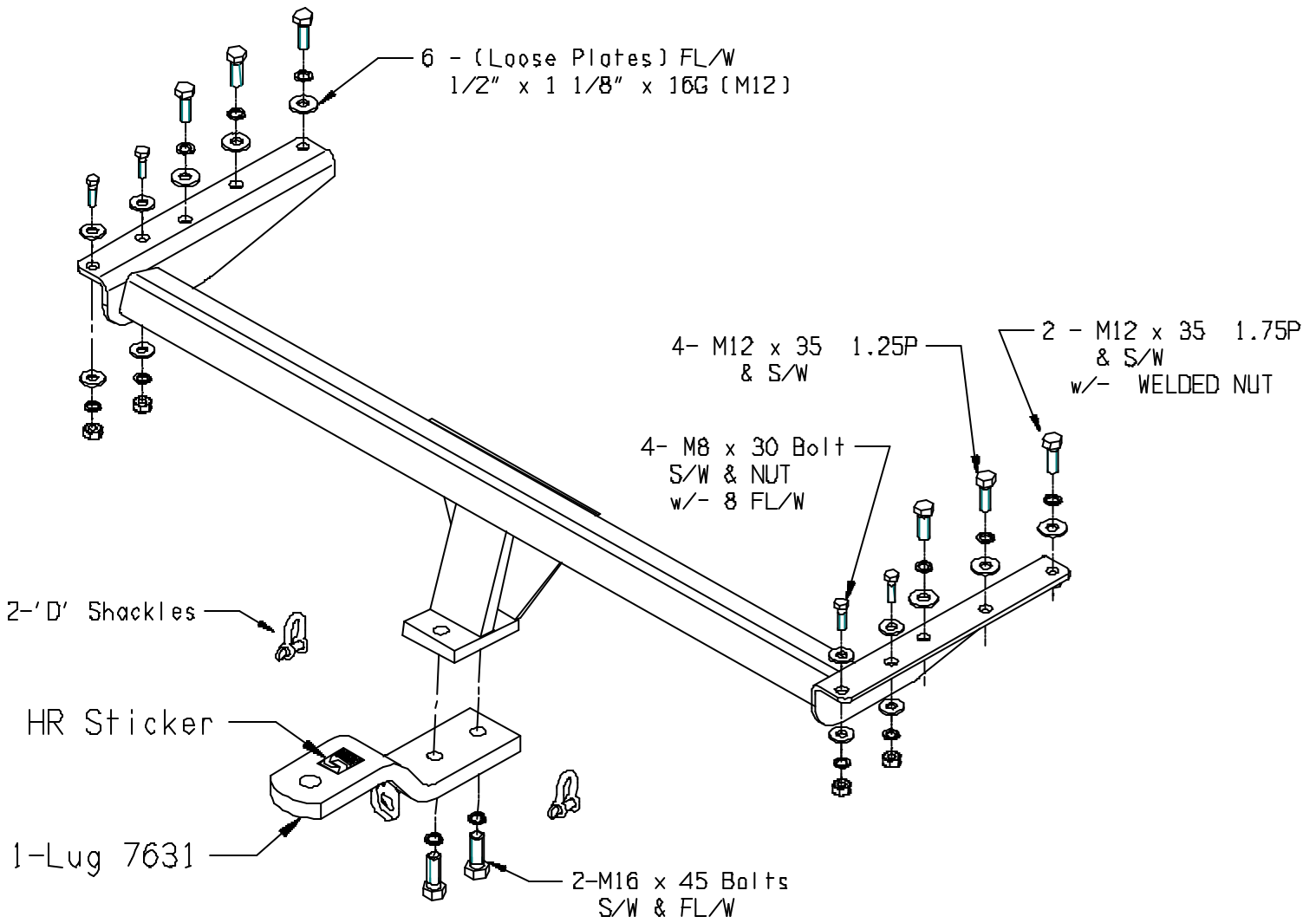
FOR TOWING PURPOSES

For towing capacity details please refer to vehicle owner's manual or to the manufacturer. Overloading can void your warranties.



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.

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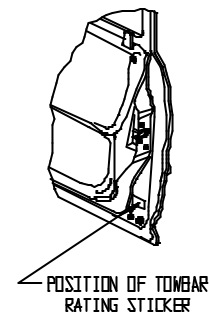
1. Ensure all hardware items have been included.
2. Remove rear bumper as per section 5-1 of the repair section of the applicable workshop manual.
3. Remove plastic trim clips retaining metal frame to bumper skin and remove.
4. Mark and centre pop spot welds holding bumper mounting arms to cross beam.
5. Using sharp pilot and then 8.5mm drill bits, drill pop marks and separate mounting arms from cross beam.
6. Position bumper cross beam on top of towbar side arms and align with rear most holes.
7. Position bumper mounting arms L/H and R/H to under side of towbar side arms to align with rear most holes, fit 8mm bolts supplied making sure bumper mounting arm nuts align with corresponding holes in towbar and tighten.
8. Cut towbar opening from bumper cover as per drawing.
9. Refit towbar, cross beam to bumper skin. Refit plastic trim clips removed in instruction 3.
10. Refit towbar bumper combination to vehicle using bolts supplied and tighten to torque listing.
11. Refit all bumper mounting bolts and clips.
12. Towbar rating sticker to be conspicuously located on inside rear end of the driver's door. (see diagram below)

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