

Truck Engineering Australia

Light Trailer Information Sheet

Doc. No: TEA-

(Office use only)

OWNER: _____ Phone: _____

Address: _____

Email: _____

TRAILER DETAILS:

Trailer Type: _____ Drawbar _____ Gooseneck _____ Registration No. _____

Make: _____ Model: _____ Tare: _____

VIN: _____ Date of Manufacture: _____

Current Plated GTM: _____ kg Requested Upgrade _____ kg

Current Plated ATM: _____ kg Requested Upgrade _____ kg

Axle(s): Quantity: _____ Rating per axle: _____ Total Axle Rating: _____
Type: (Square or Round) _____ Section Size: (eg. 50x50) _____
Make: _____ Model: _____
Bearing Part No/s: _____

Brakes: No. of Axles Fitted: _____ 1 _____ 2 _____ 3 _____ Rating: _____
Type: (Disc or Drum) _____ Size: (eg. 12" diam.) _____
Make: _____ Model: _____

Wheels: Make: _____ Load Rating Per Wheel: _____
Model: _____ Total Capacity: _____
Size: _____

Tyres: Make: _____ Model: _____ Rating: _____
Size: (eg. 235/75R15) _____ Load Rating: (eg. 115R) _____

Suspension: Load Share: (Yes or No) _____ Rating: _____
Make: _____ Model: _____
Type: (Independent, leaf) _____
Details: (No. of leafs & thickness or Size of Spring) _____

Coupling: Type: (Ball or Pin) _____ Max. Vertical Rating: _____
Make: _____ Model: _____ Rating: _____

-For ATM > 2.5T, 2 x AS 4177.4 Safety Chains are required (refer to Tables below for requirements)

-For ATM > 3.5T, 2 x Grade T (800MPa) Chains are required (refer to Tables below for requirements)

Existing Safety Chain:

Safety Chains: Marking: _____ Chain Size (diameter): _____ mm

Number of Chains: _____

Replacement Safety Chain (if applicable): _____

Marking: _____ Chain Size (diameter): _____ mm

Number of Chains: _____

Supplier: _____

Chassis: Main Chassis Rail: (height x width x thickness) _____ Plated ATM Rating: _____

Plated GTM Rating: _____

Plated Ball Rating: _____

(Note: The chassis manufacturer may be different to the caravan manufacturer.)

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Drawbar: Please fill in dimensions as provided

Please also supply the following information:

Registration Certificate Photo of Manufacturers/Compliance Plates Photos of Major Components

Modifications/Notes:

OFFICE USE ONLY:

Inspected by:

Date:

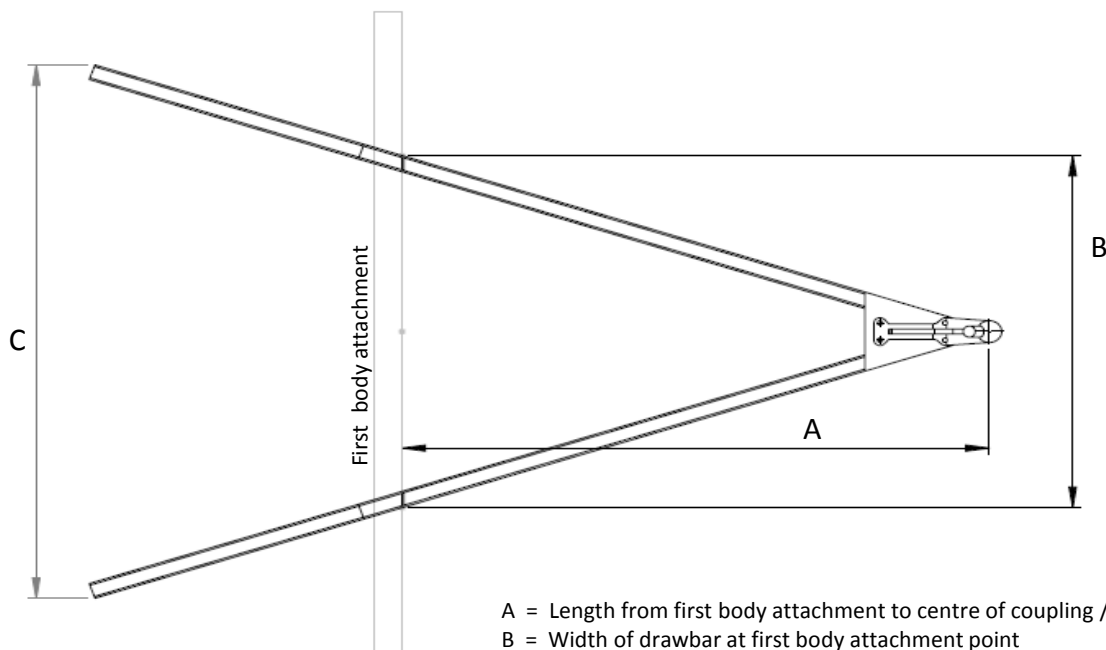
at:

Mod Plate No.

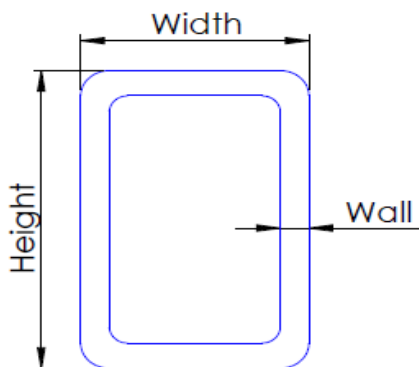
Certificate No.

DRAWBAR DIMENSIONS:

Please fill in the dimensions of your drawbar shown below



A = Length from first body attachment to centre of coupling / tow ball
 B = Width of drawbar at first body attachment point
 C = Width of drawbar at end termination (beneath body)



Drawbar Member Details	
Item	Size (mm)
Height	
Width	
Wall Thickness	

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Safety Chain Sizing

Trailers < 3.5T (2 x chains required for >2.5T ATM) in accordance with AS 4177.4

Suitable ATM (T)	Chain Designation / Marking	Nominal Material Size (mm)	Inside Link Length (Gap)		Breaking Strength (T)
			Min	Max	
< 1.0	4177-10	6.3	30	36	1.5
< 1.6	4177-16	8	38	46	2.4
< 2.5	4177-25	10	45	55	3.75
< 3.5	4177-35	13	45	55	5.25

* A chain complying with AS 4177.4 will have a marking as above on intermittent links

Trailers > 3.5T (2 x chains required) Grade T (800MPa) in accordance with AS 2321

ATM (T)	Nominal Material Size (mm)	WLL (T)	Breaking Strength (T)
< 4.5	6	1.1	4.6

* A chain complying with AS 2321 will have a marking of either T, 8, 80 or 800

Shackle Sizing

Shackles in accordance with AS 2741

Suitable ATM (T)	Shackle Size (mm)	Grade	WLL (T)	Breaking Strength (T)
< 1.5	6	M	0.25	1.5
< 1.6	6	S	0.5	3
< 2.5	8	S	0.75	4.5
< 4.5	10	S	1	6

Shackles shall have the breaking strength no less than the breaking strength of the safety chain