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CUT LOOSE TOW VEHICLE SUITABILITY CALCULATION

CUSTOMER TO COMPLETE SECTIONS A, B + C	
SECTION A - CUSTOMER DETAILS	
Name:	
Email:	
Phone:	
Date :	19-Apr-11
SECTION B- TOW VEHICLE DETAILS	
Make	Isuzu
Model	DMax LSU D Cab
Year	2009
Diesel or Petrol	Diesel
Manual or Auto	Automatic
Kerb or Tare Mass (Kgs)	1930
Gross Vehicle Mass (kgs)	2900
Gross Combination Mass (Kgs)	5900
SECTION C - CUT LOOSE DETAILS	
Cut Loose Model	Roebuck

CUT LOOSE TO COMPLETE CALCULATION BELOW	
Cut Loose Tare Mass (Kgs)	2600
Pin Transfer Mass (Kgs)	450
Tow Vehicle GVM Calculation (Kg)	
Tow Vehicle Kerb Weight	1930
Passengers 2 no.	136
Hijacker Hitch	85
Fuel	60
Pin Transfer Weight (of 5th Wheeler)	450
Weight transfer of payload in 5th wheeler	60
Calculated Gross Vehicle Mass	2721
Max Permitted GVM	2900
Safety Margin	179
Compliant - Yes or No	YES
Tow Vehicle GCM Calculation (Kg)	
Tow Vehicle kerb weight	1930
5th Wheeler Tare Mass (Fitted out)	2600
Passengers 2 no	136
Hijacker Hitch	85
Fuel	60
Payload in 5th Wheeler	400
Calculated Gross Combination Mass	5211
Maximum Permitted GCM	5900
Margin	689
Compliant - Yes or No	YES

Assumptions - using Industry standards

1. Allowance for payload (including water and gas) for a tandem axle unit is 400kgs.
2. 15% of this payload is assumed to be transferred on to the tow vehicle
3. Allowance for passengers of 68 kgs each

This document has been drawn up using tow vehicle information provided by the customer. Whilst every effort is made to ensure the accuracy of the details of this document it is the responsibility of the customer to ensure the tow vehicle used is suitable for towing the 5th wheeler. No responsibility can be taken by Cut Loose RV.