

Sample Data Showing Percentage Distribution Of Tow Ball Mass To Each Axle By A Weight Distribution Hitch (WDH)

Conditions for Measurement of Vehicle & Caravan (Hitched/Unhitched - No WDH/WDH)	LC 100 Series (Actual)			Nissan D40 (Actual)			LC 100 Series (Actual)			WDH Brochure Example			HR WDH Caravan Show Demo		
	Front Axle	Rear Axle	Caravan GTM	Front Axle	Rear Axle	Caravan GTM	Front Axle	Rear Axle	Caravan GTM	Front Axle	Rear Axle	Caravan GTM	Front Axle	Rear Axle	Caravan GTM
Actual Tow Veh Mass (No Caravan)	1,280	1,360		1,340	1,400		1,500	1,320		1,900	1,800		930	760	
Actual Tow Veh weights & GTM with Caravan (No WDH)	1,160	1,740	2,660	1,160	1,980	2,760	1,300	1,880	2,880	1,810	2,190	2,700	790	1,120	1,230
Changes to Tow Veh weights (No WDH)	-120	380		-180	580		-200	560		-90	390		-140	360	
Actual Tow Veh Weights & GTM with Caravan (WDH)	1,220	1,660	2,680	1,320	1,740	2,820	1,440	1,700	2,920	1,941	1,954	2,805	1,020	830	1,290
Changes to Tow Veh weights (WDH)	60	80		160	240		140	180		131	236		230	290	
Resultant Distribution of Tow Ball Mass	-60	300	20	-20	340	80	-60	380	40	41	154	105	90	70	60
% Distribution of pre-WDH Tow Bar Weight after WDH fitted	15.8%	78.9%	5.3%	27.6%	58.6%	13.8%	25.0%	67.9%	7.1%	33.6%	39.5%	26.9%	63.9%	19.4%	16.7%

Enter Your Weighbridge Data in the Gold Boxes

Median of Distributed Percentages		
Front Axle	Rear Axle	Caravan GTM
27.6%	58.6%	13.8%