

National Heavy Vehicle Regulator Common Heavy Freight Vehicle Configurations

Disclaimer: This chart shows some of the common heavy vehicle combinations used in Australia. In some circumstances, configurations and mass limits may be restricted. Heavy Vehicle Authorisations (Notices) describe these restrictions. Other heavy vehicle configurations may not be represented. Please visit www.nhvr.gov.au/gav for more information.

INFIVE VENICIE COnfigurations not be represented. Please visit www.nhvr.gov.au/gav for more information.						
1. CC	DMMON RIGID TRUCKS - GENERAL ACCESS	Description	Maximum Length (metres)	Maximum Regulatory Mass under GML (tonnes)	Maximum Regulatory Mass under CML (tonnes)	Maximum Regulatory Mass under HML (tonnes)
(a)	6.01 9.01	2 Axle Rigid Truck	≤ 12.5	15.0	CML does not apply	-
(b)	6.0t 16.5t	3 Axle Rigid Truck	≤ 12.5	22.5	23.0	-
(c)	6.0 20.0t	4 Axle Rigid Truck	≤ 12.5	26.0	27.0	-
(d)	10.01 16.5t	4 Axle Twinsteer Rigid Truck	≤ 12.5	26.5	27.0	-
(e)	10.0t 20.0t	5 Axle Twinsteer Rigid Truck	≤ 12.5	30.0	31.0	-
2. Co	OMMON SEMITRAILER COMBINATIONS - GENERAL ACCE	3 Axle Semitrailer	≤ 19.0	24.0		
(b)	6.0t 9.0t 9.0t	4 Axle Semitrailer	≤ 19.0	31.5	32.0	32.0
	6.0t 9.0t 16.5t					
(c)	6.0t 9.0t 20t	5 Axle Semitrailer	≤ 19.0	35.0	36.0	37.5
(d)	6.0t 16.5t 16.5t	5 Axle Semitrailer	≤ 19.0	39.0	40.0	40.0
(e)	6.0t 16.5t 20.0t	6 Axle Semitrailer	≤ 19.0	42.5	43.5	45.5
3. Co	OMMON RIGID TRUCK AND TRAILER COMBINATIONS (Ge	eneral access when complying with prescr 2 Axle Truck and 2 Axle Dog Trailer	ibed mass and dimension requirement ≤ 19.0	30.0		
(b)	δ.Οt 9.Ōt 9.Ōt" 9.Ōt"	2 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	30.0	CML does not apply	-
(c)	6.0t 9.0t 15.0t	3 Axle Truck and 2 Axle Dog Trailer	≤ 19.0	40.5	41.0	-
(d)	6.0t 16.5t 9.0t 9.0t	3 Axle Truck and 2 Axle Pig Trailer	≤ 19.0	37.5	CML does not apply	-
(e)	6.0t 16.5t 9.0t 16.5t	3 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
(f)	6.0t 16.5t 18.0t	3 Axle Truck and 3 Axle Pig Trailer	≤ 19.0	40.5	CML does not apply	-
(g)	6.0t 16.5t 16.5t" 16.5t"	3 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
(h)	10.0t 16.5t 9.0t 16.5t	4 Axle Truck and 3 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
(i)	10.0t 16.5t 16.5t" 16.5t"	4 Axle Truck and 4 Axle Dog Trailer	≤ 19.0	42.5	43.5	-
4. Co	OMMON B-DOUBLE COMBINATIONS - CLASS 2	7 Axle B-double	≤ 19.0	55.5	57.0	57.0
(b)	6.0t 16.5t 16.5t 16.5t	8 Axle B-double	≤ 26.0	59.0	61.0	62.5
	6.0t 16.5t 20.0t 16.5t	8 Axle B-double	≤ 26.0	59.0	61.0	62.5
(c)	6.0t 16.5t 16.5t 20.0t					
(d)	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t	9 Axle B-double	≤ 26.0	62.5	64.5	68.0
(a)	6.0t 16.5t 16.5t 16.5t 16.5t	9 Axle A-double	≤ 36.5	72.0	74.0	74.0
(b)		11 Axle A-double	≤ 36.5	79.0	81.0	85.0
(c)		12 Axle A-double	≤ 36.5	82.5	84.5	90.5
(d)	6.0t 16.5t 20.0t 20.0t 20.0t	12 Axle Modular B-triple	≤ 35.0	82.5	84.5	90.5
(e)	6.0t 16.5t 20.0t 20.0t 20.0t	12 Axle B-triple	≤ 36.5	82.5	84.5	90.5
(f)	6.0t 16.5t 20.0t 20.0t 20.0t	14 Axle AB-triple	≤ 36.5	99.0	101.0	107.5
	6.0t 16.5t 20.0t 16.5t 20.0t 20.0t	<u> </u>		102.5	104.5	
(g) (h)	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t	15 Axle AB-triple 11 Axle Rigid Truck and 2 Dog Trailers	≤ 36.5 ≤ 36.5	88.5	90.5	91.0
	6.0t 16.5t 16.5t 16.5t 16.5t 16.5t 16.5t	If Axie Rigid Truck and 2 Dog Trailers	≥ 30.3	66.5	90.5	91.0
(a)	6.0t 16.5t 20.0t 16.5t 20.0t 16.5t 20.0t	16 Axle A-triple	≤ 53.5	115.5	117.5	124.5
(b)	01-00-000-000-000-	18 Axle A-triple	≤ 53.5	122.5	124.5	135.5
(c)	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t 20.0t 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t	15 Axle AB-triple	≤ 44.0 – Classified by the NHVR as Type 1 when L ≤ 36.5m	102.5	104.5	113.0
(d)	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t 20.0t 20.0t	13 Axle Rigid Truck and 2 Dog Trailers	≤ 47.5 - Classified by the NHVR as Type 1 when L ≤ 36.5m	95.5	97.5	102.0
(e)		17 Axle BAB-Quad	≤ 53.5	119.0	121.0	130.0
(f)	6.0t 16.5t 20.0t 20.0t 16.5t 20.0t 20.0t	18 Axle BAB-Quad	≤ 53.5	122.5	124.5	135.5
	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	17 Axle ABB-Quad	≤ 53.5	119.0	121.0	130.0
(g)	6.0t 16.5t 20.0t 16.5t 20.0t 20.0t 20.0t					
(h)	6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	18 Axle ABB-Quad	≤ 53.5	122.5	124.5	135.5