

THE AWKWARD TRUTH ABOUT REAR MOUNTED RACKS - DOES YOUR RACK COMPLY?

MANUFACTURER	VEHICLE MODEL	WHEELBASE (mm)	EXISTING REAR OVERHANG (mm)	AVAILABLE LEGAL OVERHANG BEYOND REAR OF VEHICLE (mm)	TYPICAL LOADED RACK OUTSTAND (mm)		
					PLATFORM RACK (SEE NOTE 2)		VERTICAL RACK (1080mm) (SEE NOTE 1)
					w/ 1 BIKE (800mm)	w/ 2 BIKES (1085mm)	
Audi	A6	2843	1072	634	ILLEGAL	ILLEGAL	ILLEGAL
BMW	1 Series	2670	792	810	LEGAL	ILLEGAL	ILLEGAL
BMW	X3	2864	988	730	ILLEGAL	ILLEGAL	ILLEGAL
BMW	X5	2972	1073	710	ILLEGAL	ILLEGAL	ILLEGAL
BMW	X7	3105	1172	691	ILLEGAL	ILLEGAL	ILLEGAL
BMW	3 Series	2851	1059	652	ILLEGAL	ILLEGAL	ILLEGAL
Chevrolet	Silverado 1500 HD	3157	1217	677	ILLEGAL	ILLEGAL	ILLEGAL
Chevrolet	Silverado 2500/3500 LTZ	4037	1250	1172	LEGAL	LEGAL	LEGAL
Dodge	Ram 1500 Express Crew Cab	3569	1229	912	LEGAL	ILLEGAL	ILLEGAL
Dodge	Ram 2500/3500 Laramie HD	3785	1229	1042	LEGAL	ILLEGAL	ILLEGAL
Ford	F150 Crew Cab	3683	1243	967	LEGAL	ILLEGAL	ILLEGAL
Ford	F250/F350/F450 Super Cab SWB	3759	1321	934	LEGAL	ILLEGAL	ILLEGAL
Ford	Focus	2700	779	841	LEGAL	ILLEGAL	ILLEGAL
Ford	Ranger 4x2 XL Double Cab	3220	985	947	LEGAL	ILLEGAL	ILLEGAL
Ford	Puma	2588	763	790	ILLEGAL	ILLEGAL	ILLEGAL
GMC	Sierra 1500 HD	3157	1217	677	ILLEGAL	ILLEGAL	ILLEGAL
GMC	Sierra 2500/3500 HD	4037	1250	1172	LEGAL	LEGAL	LEGAL
Hyundai	i30	2650	612	978	LEGAL	ILLEGAL	ILLEGAL
Hyundai	Kona	2600	720	840	LEGAL	ILLEGAL	ILLEGAL
Isuzu	Ute, D-MAX	3125	1253	622	ILLEGAL	ILLEGAL	ILLEGAL
Jeep	Cherokee	2915	1020	729	ILLEGAL	ILLEGAL	ILLEGAL
Jeep	Gladiator	3487	1295	797	ILLEGAL	ILLEGAL	ILLEGAL
Jeep	Wrangler	2459	1036	439	ILLEGAL	ILLEGAL	ILLEGAL
KIA	Sportage	2640	910	674	ILLEGAL	ILLEGAL	ILLEGAL
Landrover	Defender - 110	3022	891	922	LEGAL	ILLEGAL	ILLEGAL
Landrover	Defender - 90	2587	891	661	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	3	2725	820	815	LEGAL	ILLEGAL	ILLEGAL
Mazda	CX3	2570	795	747	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	CX5	2700	900	720	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	BT50	3220	1234	698	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	3	2725	1020	615	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	6 - Sedan	2830	1085	613	ILLEGAL	ILLEGAL	ILLEGAL
Mazda	6 - Wagon	2750	1100	550	ILLEGAL	ILLEGAL	ILLEGAL
Mercedes Benz	G65 G Wagen	2850	1092	618	ILLEGAL	ILLEGAL	ILLEGAL
Mitsubishi	ASX	2670	686	916	LEGAL	ILLEGAL	ILLEGAL
Mitsubishi	Eclipse	2767	780	880	LEGAL	ILLEGAL	ILLEGAL
Mitsubishi	Lancer	2635	980	601	ILLEGAL	ILLEGAL	ILLEGAL
Mitsubishi	Outlander	2670	1035	567	ILLEGAL	ILLEGAL	ILLEGAL
Mitsubishi	L200 Triton	3000	1420	380	ILLEGAL	ILLEGAL	ILLEGAL
Nissan	Qashqai	2646	825	763	ILLEGAL	ILLEGAL	ILLEGAL
Nissan	Patrol	3076	1140	706	ILLEGAL	ILLEGAL	ILLEGAL
Nissan	Navara	3150	1235	655	ILLEGAL	ILLEGAL	ILLEGAL
Nissan	X-Trail	2705	995	628	ILLEGAL	ILLEGAL	ILLEGAL
Skoda	Octavia	2686	1091	521	ILLEGAL	ILLEGAL	ILLEGAL
Subaru	XV	2665	750	849	LEGAL	ILLEGAL	ILLEGAL
Subaru	Outback	2745	1072	575	ILLEGAL	ILLEGAL	ILLEGAL
Tesla	Model 3	2875	945	780	ILLEGAL	ILLEGAL	ILLEGAL
Tesla	Cybertruck (Prototype)	3807	1118	1167	LEGAL	LEGAL	LEGAL
Toyota	Yaris	2558	605	930	LEGAL	ILLEGAL	ILLEGAL
Toyota	Corolla	2640	795	789	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	CHR	2640	805	779	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser 70 Series	3180	1190	718	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Rav4	2690	988	626	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Corolla	2700	995	625	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Hilux 4x2 Hi Rider	3085	1245	606	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Hilux 4x4	3085	1245	606	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Hilux 4x2	3085	1250	601	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Prado	2790	1075	599	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser 200 Series	2850	1175	535	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser 300 Series	2850	1210	500	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser 70 Series - Troop Carrier	2980	1380	408	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser FJ40	2285	1000	371	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Landcruiser 70 Series - Wagon	2730	1290	348	ILLEGAL	ILLEGAL	ILLEGAL
Toyota	Yaris Cross	2560	1517	19	ILLEGAL	ILLEGAL	ILLEGAL
Volkswagen	Golf	2619	768	803	LEGAL	ILLEGAL	ILLEGAL
Volkswagen	Touareg	2905	1018	725	ILLEGAL	ILLEGAL	ILLEGAL
Volkswagen	Tiguan	2768	1018	643	ILLEGAL	ILLEGAL	ILLEGAL
Volkswagen	Amarok	3095	1261	596	ILLEGAL	ILLEGAL	ILLEGAL

NOTES:

1. VERTICAL RACK OUTSTAND BASED ON OPTIMISED RACK GEOMETRY, A 29" X 2.5" BIKE TYRE ASSUMES THAT THE RACK MAY BE CANTED FORWARD TO PREVENT SEAT AND HANDLEBARS PROJECTING PAST THE REAR WHEEL OF THE BIKE. IN PRACTICE, MOST VERTICAL RACKS CAN NOT BE INSTALLED WITH OPTIMISED GEOMETRY OR TILTED FORWARD TO THE DEGREE ASSUMED, SUCH THAT THE LOADED RACK WILL PROJECT SIGNIFICANTLY FURTHER REARWARD THAN THE 1080mm LISTED.
2. TYPICAL PLATFORM RACK OUTSTANDS ARE BASED UPON MARKET LEADING RACK GEOMETRY AND 800mm WIDTH HANDLEBARS.
3. ANALYSIS BASED ON MANUFACTURER'S DATA AT THE TIME OF WRITING & CURRENT AUSTRALIAN DESIGN RULES (ADRS) IN FORCE.
4. ACTUAL VEHICLE & RACK OUTSTANDS MAY VARY & SHOULD BE INDEPENDENTLY CHECKED.
5. EXISTING VEHICLE OVERHANG DATA BASED UPON MANUFACTURER DATA WHERE AVAILABLE AND ON THE BASIS OF MEASUREMENT OF ACTUAL VEHICLES OR VEHICLE DRAWINGS WHERE DATA IS NOT PUBLISHED.
6. VEHICLE OVERHANGS MAY VARY BASED UPON TRIM LEVEL AND FITTED ACCESSORIES SUCH THAT IT IS RECOMMENDED OWNERS PERFORM THEIR OWN INDEPENDENT CHECK TO VALIDATE.
7. ALTHOUGH THE INFORMATION PROVIDED HAS BEEN PREPARED IN GOOD FAITH AND FROM SOURCES BELIEVED TO BE RELIABLE, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE REGARDING ACCURACY OF THE INFORMATION.
8. INFORMATION IS PROVIDED AS A GUIDE ONLY AND VEHICLE OWNERS ARE RECOMMENDED TO VERIFY DIMENSIONS OF THE LOADED RACK WHEN FITTED TO THEIR PARTICULAR VEHICLE.

