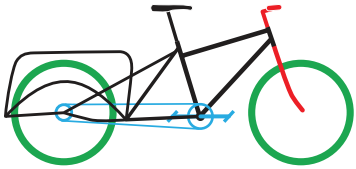

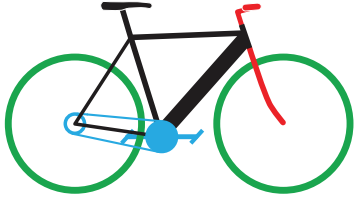
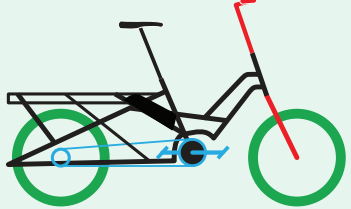
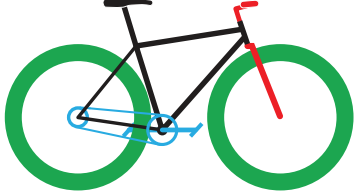
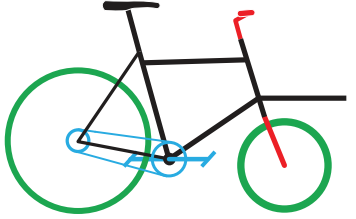


Bicycle Vehicles not represented in AS2890.3.

In addition to the bicycle types identified in AS2890.3, the following bicycle types are now commonly observed in Australia.

Type, example models	Diagram (indicative only: not to scale)	Characteristics different to AS2890.3 “Standard Bicycle”
<p>Longtail Surly Big Dummy, Yuba Mondo.</p>		<ul style="list-style-type: none"> • Longer. • Heavier. • Larger turning circle. • Load and passenger carrying attachments.
<p>MiniVelo, Orbea Katu, Velo Orange Neutrino.</p>		<ul style="list-style-type: none"> • Wheel diameter smaller. • Marginally shorter. • Load carrying attachments.
<p>eBike, all major manufacturers offer a range of eBikes. Niche e-only brands have also emerged.</p>		<ul style="list-style-type: none"> • Heavier. • Different centre of mass to comparable bicycle. Charging opportunities may be desired by users. • Higher minimum value.
<p>Minivelo Ebike Tern GSD, Tern HSD</p>		<p>Note combinations of characteristics, for example eBikes with racks or child carrying attachments, eCargo bikes, e-folding bikes and e-longtail-minivelos.</p>
<p>Fatbike, Surly Wednesday</p>		<ul style="list-style-type: none"> • Very wide tyres ~95mm.
<p>ShortJohn, Omnium Mini</p>		<ul style="list-style-type: none"> • Similar size envelope to “standard bicycle”. • Minor dynamic impact of smaller front wheel.

References:

Napper, R., 2020. What is a parked bicycle? Vehicle fleet characteristics in Australia. Transportation Research Interdisciplinary Perspectives, 7, p.100204.
 Standards Australia, 2004 Standards Australia AS2890.1:2015 Parking Facilities Part 1: Off Street Car Parking (4th edn) (2004) viewed 28 April 2020

Comments and additions are welcomed to the author.

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