

Submission 76 – RVS Legislation Consultation

Comparison of Podzero 1 specification with ADR list.				
ADR		PodZero		Comment
		Yes	No	
1/00	Reversing Lamps		X	The vehicle does not reverse in automated mode at this stage
2/01	Side Door Latches and Hinges		X	existing but non-compliant
3/03	Seats and Seat Anchorages	X		non-compliant but appropriate for speed
4/05	Seatbelts	X		fitted to both forward facing seats
5/05	Anchorages for Seatbelts	X		non-compliant but appropriate for speed
6/00	Direction Indicators	X		
8/01	Safety Glazing Material		X	non-glass, perspex appropriate for low speed environment
10/02	Steering Column		X	fully autonomous vehicle, chaperone has access to emergency stop
11/00	Internal Sun Visors		X	fully autonomous vehicle, generally operating in an internal environment (MAB)
13/00	Installation of Lighting & Light-signalling Devices on other than L-Group Vehicles	X		non-compliant but appropriate for speed
14/02	Rear Vision Mirrors		X	fully autonomous vehicle with 360 degree sensors and few other vehicles
16/00	Windscreen Wipers & Washers—see LVSR36&37		X	fully autonomous vehicle with 360 degree sensors and few other vehicles and generally operating in internal environment (MAB)
18/03	Instrumentation		X	fully autonomous vehicle, all vehicle data recorded
21/00	Instrument Panel		X	Chaperone has access to vehicle data with handheld unit
22/00	Head Restraints		X	appropriate for low speed environment
23/02	Passenger Car Tyres	X		inflatable rubber tyre
25/02	Anti-Theft Lock	X		
29/00	Side Door Strength		X	Risk mitigated by low speed environment
31/03	Brake Systems for Passenger Cars			regulation doesn't cover vehicles with a speed not exceeding 25km (brake systems componentry are homologated BMW mini)
34/02	Child Restraint Anchorages and Child Restraint Anchor Fittings		X	Risk mitigated by low speed environment
42/04	General Safety Requirements	X		automated control system, 4 internal, 4 external emergency stop buttons
43/04	Vehicle Configuration & Dimensions	X		excluding ground clearance

45/01	<i>Lighting & Light-signalling Devices not covered by ECE Regulations</i>		X	No fully complaint, has active safety system + lighting and signaling, appropriate for low speed environment with few other vehicles.
46/00	<i>Headlamps</i>	X		
47/00	<i>Retroreflectors</i>	X		
48/00	<i>Devices for Illumination of Rear Registration Plates</i>		X	N/A, not registered vehicle

49/00	<i>Front & Rear Position (Side) Lamps, Stop Lamps & End-outline Marker Lamps</i>	X		
51/00	<i>Filament Lamps</i>		X	N/A (LED lamps only)
60/00	<i>Centre High-mounted Stop Lamp</i>	X		
61/02	<i>Vehicle Marking</i>		X	N/A
62/02	<i>Mechanical Connection between Vehicles</i>		X	N/A, does not tow other vehicle
69/00	<i>Full Frontal Impact Occupant Protection</i>		X	appropriate for low speed environment
72/00	<i>Dynamic Side Impact Occupant Protection</i>		X	appropriate for low speed environment
73/00	<i>Offset Frontal Impact Occupant Protection</i>		X	appropriate for low speed environment
74/00	<i>Side Marker Lamps</i>	X		
75/00	<i>Headlamp Cleaners</i>		X	Fullu autonomous vehicle, risks also mitigated as low speed, internal environment
76/00	<i>Daytime Running Lamps</i>	X		
77/00	<i>Gas Discharge Headlamps</i>		X	N/A
78/00	<i>Gas Discharge Light Sources</i>		X	N/A
79/04	<i>Emission Control for Light Vehicles</i>	X		fully electric vehicle
81/02	<i>Fuel Consumption Labelling for Light Vehicles</i>			N/A, fully electric vehicle
82/00	<i>Engine Immobilisers</i>		X	N/A
83/00	<i>External Noise</i>	X		fully electric vehicle
85/00	<i>Pole Side Impact Performance (from 1 Nov 2017 – all new models, 1 Nov 2021 – all vehicles;</i>		X	un-registered vehicle, appropriate for low speed environment