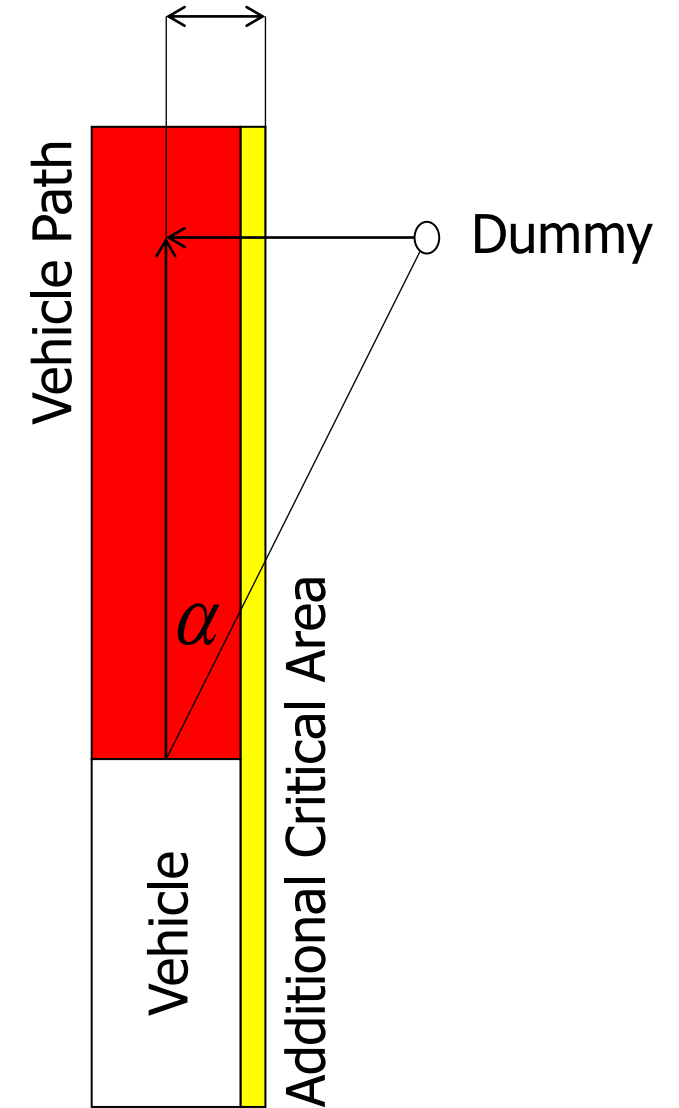


Requirement of N1 in C2C and C2P

Fundamental parameters for requirements

Items	C2C	C2P as 00 series	C2P as 01 series
Maximum Deceleration	9 m/s² in N1 (9 m/s² in M1)	9 m/s²	9 m/s²
TTC	0.9 s LPS (Last Point of Steer)	0.72 s Based on vehicle width	0.9 s Based on vehicle width + 0.3 m*
Time to 1G	Maximum Mass 0.73 s in N1 (0.66 s in M1)	Maximum Mass 0.73 s	Maximum Mass 0.73 s

*: Vehicle width + Additional critical area (0.3 m)



Requirement of N1 in C2C 01 series

01 series: ↵

Paragraph 5.2.1.4., N_1 table and notes, amend to read: ↵

"Maximum relative Impact Speed (km/h) for N1 vehicles* ↵

Relative Speed (km/h) ↵	Stationary/Moving ↵	
	Maximum mass ↵	Mass in running order ↵
10 ↵	0.00 ↵	0.00 ↵
15 ↵	0.00 ↵	0.00 ↵
20 ↵	0.00 ↵	0.00 ↵
25 ↵	0.00 ↵	0.00 ↵
30 ↵	0.00 ↵	0.00 ↵
32 ↵	0.00 ↵	0.00 ↵
35 ↵	0.00 ↵	0.00 ↵
38 ↵	0.00 ↵	0.00 ↵
40 ↵	10.00 ↵	0.00 ↵
42 ↵	15.00 ↵	0.00 ↵
45 ↵	20.00 ↵	15.00 ↵
50 ↵	30.00 ↵	25.00 ↵
55 ↵	35.00 ↵	30.00 ↵
60 ↵	40.00 ↵	35.00 ↵

Collision avoidance is until
38 km/h in the maximum
mass condition.

[All values in km/h] ↵

* For relative speeds between the listed values (e.g. 53 km/h), the maximum relative impact speed (i.e. 35/30 km/h) assigned to the next higher relative speed (i.e. 55 km/h) shall apply. ↵

For masses above the mass in running order, the maximum relative impact speed assigned to the maximum mass shall apply." ↵

Requirement of N1 in C2P 01 series

Maximum Impact Speed (km/h) for N₁ vehicles*

<i>Subject vehicle speed (km/h)</i>	<i>Maximum mass</i>	<i>Mass in running order</i>
20	0.00	0.00
25	0.00	0.00
30	0.00	0.00
35	0.00	0.00
40	10.00	0.00
42	15.00	0.00
45	20.00	15.00
50	30.00	25.00
55	35.00	30.00
60	40.00	35.00

* For subject vehicle speeds between the listed values (e.g. 53 km/h), the maximum impact speed (i.e. 35/30 km/h) assigned to the next higher subject vehicle speed (i.e. 55 km/h) shall apply.

For masses above the mass in running order, the maximum relative impact speed assigned to the maximum mass shall apply.

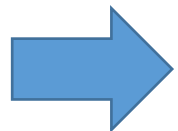
Collision avoidance is until **35 km/h** in the maximum mass condition.

Requirement of N1 in C2P 01 series

Fundamental parameters for requirements

Items	C2C	C2P as 01 series
Maximum Deceleration	9 m/s²	9 m/s²
TTC	0.9 s	0.9 s
Time to 1G	0.73 s	0.73 s

Fundamental parameters is same in C2C and C2P



Should we need to add a requirement of 38 km/h in C2P?

<i>Subject vehicle speed</i>	<i>Maximum mass</i>	<i>Mass in running order</i>
20	0.00	0.00
25	0.00	0.00
30	0.00	0.00
35	0.00	0.00
38	0.00	0.00
40	10.00	0.00
42	15.00	0.00
45	20.00	15.00
50	30.00	25.00
55	35.00	30.00
60	40.00	35.00