

Preparations for Mobility 5 in Sweden

According to the global rules for the urban concept vehicle, we must add a functional electrical system. The electrical system is calculated to have a system voltage of 12V. Since we still do not know the outlet voltage of the fuel cell, an auxiliary battery might be needed to supply the electricity system.

Challenge to be prepared before the next mobility. Each country designs and proposes one electrical schedule for the vehicle that includes the following items:

- a) Two front headlights
- b) Two front turn indicators
- c) Two rear turn indicators
- d) Two red brake lights in the rear
- e) Two red rear running lights
- f) The centre of each headlight unit must be located at an equal distance and at least 300 mm from the centre-line of the vehicle.
- g) The mandatory red indicator light for the self-starter operation must be separate from any of the above (see Article 64:c).
- h) A hazard light function must be included in the vehicle system.
- i) A horn

Preferable but not required would be a speedometer.