

## Preparations for Mobility 5 in Sweden

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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.