

# How To Encourage Electric Vehicle Proliferation

Electric vehicles need a little help. It's no use each manufacturer pursuing their own thing. For EVs to really take off what is needed is agreement on standards.

1. Batteries should be standardized and modularized.
2. Charge the battery, not the car. Charging batteries takes too long. Battery swapping is better than car charging.
3. Batteries should be modular so that more power can be added simply by adding more batteries.
4. Replace petrol stations and charging points with battery points. Battery dispensers provide battery exchanges so depleted batteries can be swapped for fully charged batteries for a fee. This can be automated.
5. Battery dispensers take up little space and can be ubiquitous and distributed.
6. Returned depleted batteries are recharged and recirculated.
7. Cars can be designed with varying maximum battery capacities. Users can decide how many batteries to run with depending on their usage requirements.