



Open-source car

An **open-source car** is a car with open design: designed as open-source hardware, using open-source principles.

Automobiles

Open-source cars include:

Completed and available to build, with link to CAD files and build instructions:

- LifeTrac tractor^[1] from Open Source Ecology has build instructions for most revisions^[2]

Concept stage:

- Rally Fighter, an all-terrain vehicle by Local Motors uses a design released under a CC BY-NC-SA license. The design was made piece by piece by an open community in an forum. Several units have been manufactured and sold.
- SGT01 from Wikispeed
- OScar: started in 1999, still in concept phase as of 2013.
- OSVehicle Tabby: Tabby is the first OSVehicle: an industrializable, production ready, versatile, universal chassis.^{[3][4]}
- Riversimple Urban Car: The CAD models for the Riversimple Hyrban technology demonstrator have been released under a CC BY-NC-SA
- Common, Dutch electric car (2009)^{[5][6]}
- eCorolla, an electric vehicle conversion
- FOSSHW Category L7e Hybrid EV^[7]
- Luka EV, an electric car production platform which first car is the Luka EV.^[8] Only Mrk I & II are open source, the source was closed in July 2016 to allow commercial production of Mrk III
- Google Community Vehicle, a multi-purpose mode of transport. It can be used as a farm vehicle that attaches to farming equipment or as a means to transport the produce. This car was create by an Indian team for the 2016 Michelin Challenge Design, "Mobility for All International Design Competition"^[9]

Self-driving car prototypes have collected petabytes of data. Some companies, including Daimler, Baidu, Aptiv, Lyft, Waymo, Argo AI, Ford and Audi have publicly released datasets under more-or-less open licenses.^[10]

Other open-source vehicles

Many open-source vehicles come in the form of velomobiles, like the PUUNK,^[11] the Hypertrike,^[12] the evovelo mō^{[13][14]} or the Atomic Duck velomobile.^[15]

Other open-source vehicles include the Xtracycle.

See also

- Kit car
- Modular design
- Velomobile

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