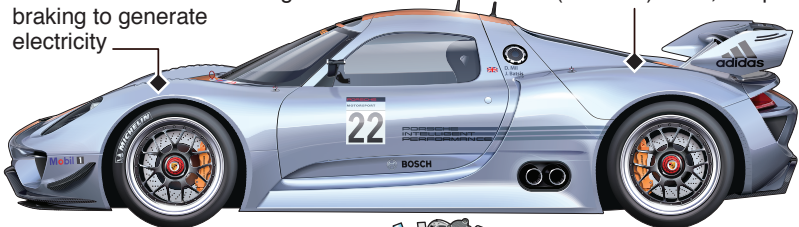


Porsche 918 RSR flywheel hybrid

The 918 hybrid stores waste energy from braking in a flywheel loaded with magnetic material. At the push of a button this gives a power boost of 150kW to the front wheels – pushing peak drive power to 767hp (776PS)

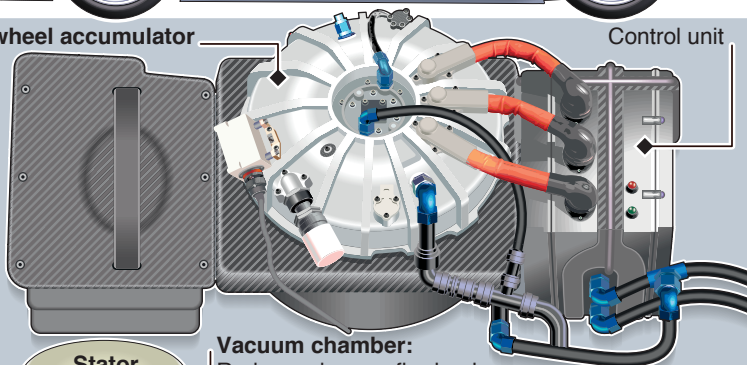
Front axle: Twin electric motors reverse their function during braking to generate electricity

V8 engine: Generates 563hp (570.8PS) at 10,300rpm



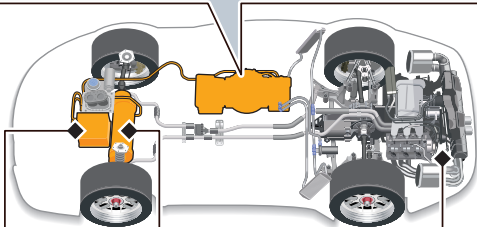
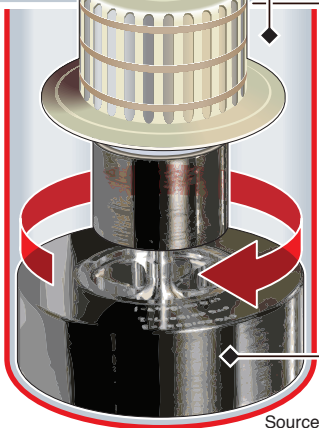
Flywheel accumulator

Control unit



Vacuum chamber:
Reduces drag on flywheel

Stator



Control unit

Electric motors

Petrol engine

Carbon-fibre flywheel

Stator: Uses electricity from braking to increase rotational speed of flywheel to 60,000rpm. Stator can convert this kinetic energy back into electricity on demand