

AUTOMOTIVE

## Ferrari innovates with hybrid sports design

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*Ferrari drives EV forward. Image credit: Ferrari*

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By STAFF REPORTS

Italian automaker Ferrari is heightening the battle in the luxury electric vehicle space with its first series production of a plug-in hybrid EV.

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Ferrari says its new SF90 Stradale EV is likely to change the game since the model has extreme power, a factor EVs are not known for. The model is named for the 90th anniversary of the foundation of Scuderia Ferrari, the automaker's racing team.

### Driving EV tech

Ferrari says the SF90 Stradale will feature a 90-degree V8 turbo engine capable of delivering 780 CV, which is the highest power of any V8 in the automaker's history. It is also the first to have four-wheel drive.

The car has a fully electric front axle and the body is made of multi-material technology such as carbon fiber.

What the automaker is calling a Shut-off Gurney is included. The technology is a patented active system at the rear of the car that regulates airflow over the upper body, reducing drag at high speeds with low lateral dynamics loads and increasing downforce in corners.

The steering wheel includes a touchpad and haptic technology to better control every possible aspect of the car.

Customers can choose between a standard version and a sport model, which includes a variety of upgrades such as GT racing-derived Multimatic shock absorbers as well as lightweight features made from high-performance materials such as carbon fiber and titanium.



*The Ferrari SF90 Stradale. Image credit: Ferrari*

Ferrari's new model is one of many new initiatives from luxury and sports automakers hoping to tout new EV endeavors.

German automaker Audi is proving the strength of its fully electric SUV model after it completed a course that is known as one of the most difficult in the world.

Audi shared news and content of its recent feat in which its e-tron climbed up the steepest part of the downhill course, exhibiting that electric cars are just as powerful as gas-powered vehicles. The section is named "Mausefalle," the steepest section of the "Strief" on a mountain in Kitzbhel, Austria ([see story](#)).

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