

AUTOMOTIVE

Bugatti builds full-size Chiron with Lego

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The Lego Chiron can reach speeds of 18 mph. Image credit: Bugatti

By SARAH RAMIREZ

French automaker Bugatti is showing off its creative and ambitious side through a new project with Lego.

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Bugatti pushed Lego to the limit by using Technic pieces to build a life-size, drivable Chiron, including the engine. While unable to reach the high speeds Bugatti supercars are known for, the Lego Chiron still captures the imagination.

Million little pieces

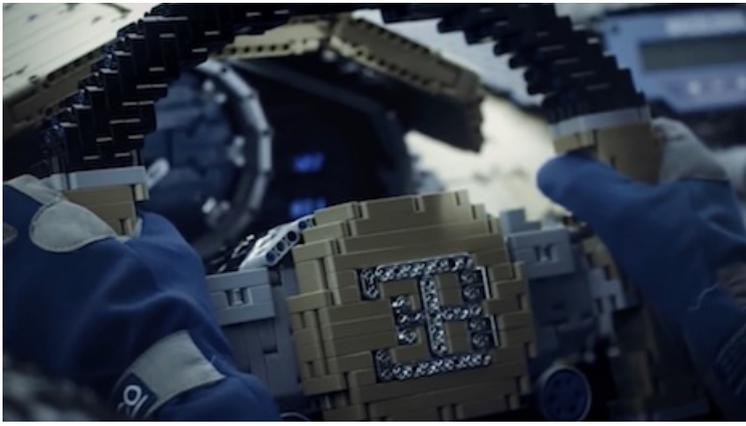
The creation of the Lego Chiron was captured in a short film released by Bugatti. The video emphasizes the remarkable ways Lego pieces can be used, with Bugatti as the vehicle, literally, to highlight Lego's capabilities.

As the film's narrator explains in a voiceover, the challenge was twofold: create a replica of a Bugatti and get the car moving.

The life-sized Lego Bugatti Chiron consists of more than 1 million parts

The sleek design of the Chiron was recreated using more than 1 million pieces, down to the seats, door handles and headlamps. Real tires and lights were used to make the car roadworthy.

To power the car, small Lego Technic power function motors were used. No glue or adhesives were used for the Chiron.



Lego pieces were used for everything from the motor to the steering wheel. Image credit: Bugatti

Bugatti enlisted driver Andy Wallace, who drove the Chiron during its development, to test the Lego Chiron. It generates 5.3 horsepower and can reach speeds up to 18 mph.

Lego and luxury auto

Bugatti is one of several automakers to partner with the toy brick maker, since it offers a fun and interesting experience.

Expanding on its existing relationship with Lego, McLaren transported a life-sized version of its 720S to the 2017 Goodwood Festival of Speed. However, the Lego supercar arrived incomplete and festival-goers helped assemble it throughout the event at McLaren's stand.

The Lego 720S was comprised of 267,300 Lego bricks. Originally assembled by six artists over more than 2,000 hours, the replica weighed 3,200 pounds ([see story](#)).

In spring 2015, Lego introduced its Speed Champions collection this spring featuring automobiles such as McLaren P1 and LaFerrari. This smaller scale assortment of luxury vehicles intrigues the younger population of budding car collectors.

The Formula 1 vehicles allow enthusiasts to emulate their favorite racecar drivers. Each set lets consumers establish their own racing situation ([see story](#)).

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