

CHEVROLET GM EcoJet Concept - Jay Leno



Jay Leno has plenty of buddies at General Motors. So when Jay and his chief mechanic and collection caretaker; Bernard Juchli, dreamed up their own ideas for a Modern American Supercar Leno, had no problems getting Ed Welburn, GM vice president of Global Design and the team General Motors Advanced Design Studio involved in another one of his pet projects. It was not the first time Leno and GM had collaborated on a project, that was the rear drive twin-turbo 1966 Oldsmobile Tornado.

The old designing a supercar on a paper napkin process took place and naturally the design teams gave up their after hours time to be involved in the project. The design is a modern interpretation of a Futurama Car of the fifties but references

fighter jets and the current Cadillac design language. As well as a little bit of Jays chin thrown in for good measure.

Given that it uses a Honeywell LT-101 turbine engine that runs on bio-diesel fuel, the car is probably the ultimate automotive example of Diesel Punk.

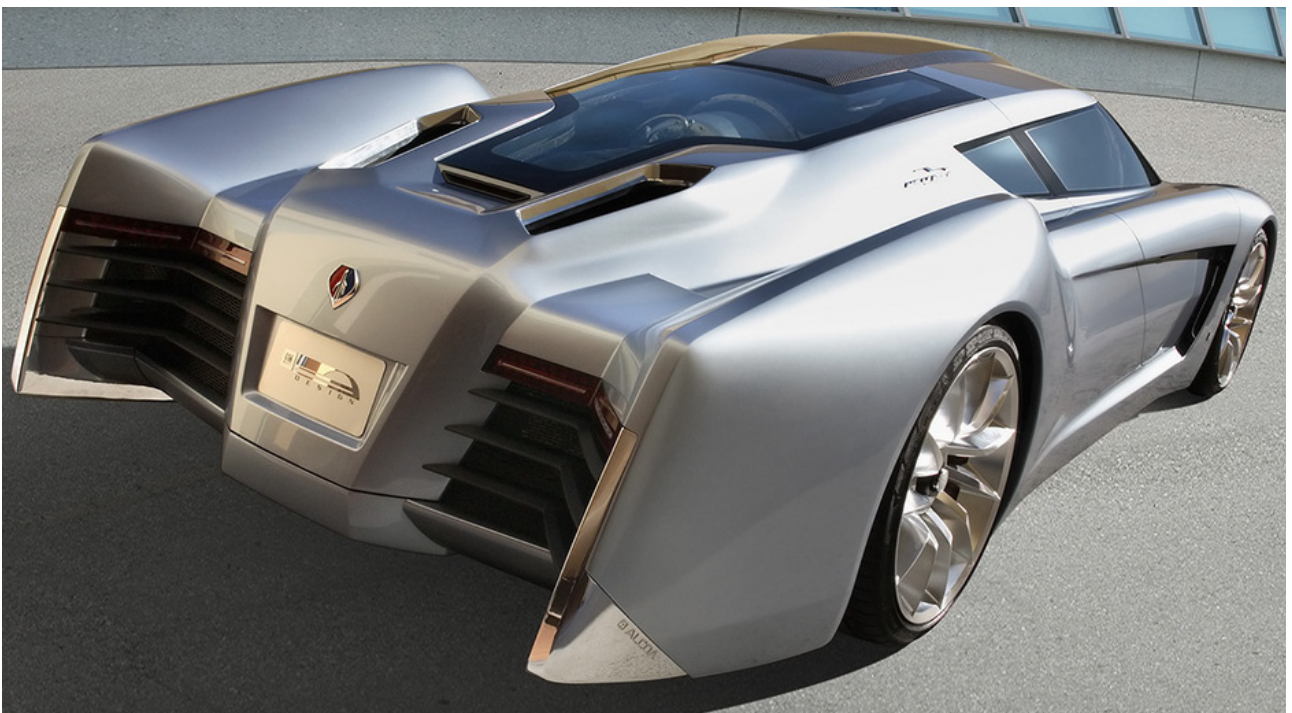
Juchli and the Big Dog team brought the design to reality in Jays Garage. Utilising a Corvette Z06 as the base, the chassis was re-engineered to accept the 650-horsepower, 400 lb.-ft, helicopter engine into the mid-engined layout. The body is constructed of carbon fiber over Kevlar. In others words there is nothing about this car that could be considered your average enthusiasts "Gargae" build.

GM EcoJet

- Jay Leno Project
- Honeywell LT-101 Turbine
- Corvette Z06 Chassis (modified)
- 485 KW 650 bhp
- 542 Nm 400 ft lbs

The team managed to get it ready for its introduction at the 2006 Specialty Equipment Market Association (SEMA) show. Now Jay gets to drive it..

Rod Halligan





2006 GM EcoJet		
Year	2006	
ENGINE		
Configuration Layout	Honeywell LT-101 Turbine Mid Longitudinal	
Power	650 bhp	485 KW
Torque	542 Nm	400 ft lbs
BODY		
Composite and carbon fibre body panels on aluminium Corvette frame		
Wheelbase	2795 mm (110 in)	
Track F	1698 mm (66.9 in)	
Track R	1692 mm (66.6 in)	
Length	4674 mm (184 in)	
Width	2024 mm (79.7 in)	
Height	1180 mm (46.5 in)	
DRIVE		
Rear Wheel Drive		
SUSPENSION		
Short - long arm double wishbone, cast aluminium upper & lower control arms, transverse-mounted composite leaf spring, mono-tube shock absorber		

