



Ferrari FXX Evoluzione



Ferrari extended their successful FXX program for 2008-2009 with the FXX Evo. The 20 plus owners of the original FXX had the opportunity to attend 14 group test sessions and 14 private during 2006 and 2007 recording a total of 35000 test kilometres. Using that data Ferrari engineers were able to develop an upgrade kit that allowed a 2 second improvement in the FXXs ability to lap Fiorano. Down to under 1'16" from 1'18".

Obviously a 2 second improvement to a lap around Fiorano is no small feat and the upgrade package is quite extensive. Output in creases to 860 hp at 9500 rpm which is up by 1000 rpm. Gear-shift times decrease by 20 ms to just 60 ms and the gear ratios revised to better make use of the extra 1000 rpm.

Besides power and its delivery aerodynamics were also a focus and the Evo received

new rear wing profiles, rear diffuser, nolder and rear flaps which all offer an increase to aerodynamic efficiency of 25%. To counteract the reduced visibility from the rear wing the upgrade included two extra video cameras to give a total of 3 acting in place of rear view mirrors.

Also new is the traction control system with nine different settings - plus the off. A revised setup and new front suspension geometry mean the 19" Bridgestone tyres now last longer, as do the brake pads which last twice as long.

The data gathering has increased even further with the engineers now receiving telemetry feedback of the steering angle and brake pump pressure. Obviously cars such as the 458 have benefited from all that data pumping through Ferrari's number crunching computers.

Ferrari FXX Evoluzione

- 65° V12
- 6.262 liter 382.1 ci
- 860 hp @ 9500 rpm
- 1155 kg / 2546 lbs

The new FXX Evolution package included participation in a series of track events that Ferrari is organising at international circuits for 2008/2009 including the end-of-season Ferrari World Finals.

Rod Halligan





2008

Ferrari

FXX Evoluzione



Ferrari FXX Evoluzione

Year 2008
Track and Development Car -20 plus

ENGINE

Configuration 65° V12
Layout Mid Longitudinal
Induction Natural
Valvetrain DOHC, 4 Valves
Fuel feed Bosch Motronic ME7 Sequential Electronic Injection

Displacement 6262 cc / 382.1 in³
Bore 92.0 mm (3.6 in)
Stroke 78.0 mm (3.1 in)

Compression 11.6:1
Power 641kw / 860bhp @9500rpm
Torque 690Nm /509ftlbs @ 5750
BHP/Liter 137.34 bhp per litre

BODY

carbon fibre body on carbon fibre monocoque

Weight 1155 kilo / 2546.3 lbs

Length 4702 mm (185.1 in)
Width 2035 mm (80.1 in)
Height 1147 mm (45.2 in)

Wheelbase 2650 mm (104.3 in)
Front track 1660 mm (65.4 in)
Rear track 1650 mm (65 in)

DRIVE

Rear Wheel Drive

Transmission Paddle-Operated 6 speed

SUSPENSION

Magnetoreological damping control SCM

WHEELS / TYRES / BRAKES

Front 19 x 11J
Rear 19 x 12J

Front tyres 29/67 R19
Rear tyres 31/71 R19

Brakes ventilated carbon-ceramic discs, all-round, ABS

Steering Rack & Pinion w/Power Assist

PERFORMANCE

Top speed Not stated

0 - 100 kph Even quicker than an FXX

Italian

Track