

**ECU Tuning: from mild to wild**



# top **performance**

Middle East's first performance tuning guide

## Tuning News

NOVITEC's supercharged F360

## Test Drive

2005 Hyundai Coupe V6

## Motorsports

Mega racing section

## On 2 Wheels

2005 Yamaha YZF R6



# S2K

Five go mad in DXB

## Big in Japan



[www.performancemag.net](http://www.performancemag.net)

**ENDLESS Drag Racing Nissan Skyline GT 33R**

## Where passion meets performance

Novitec Rosso can look back over many years of experience in the art of refining Italian sports cars. The Novitec compressor and turbo engines - particularly the ones developed for Alfa Romeo - enjoy worldwide acclaim and recognition. Quality awareness and determination, coupled with creativity and foresight, have forged Novitec into one of the most successful automotive tuning companies.

Some time ago, initially behind closed doors, a hand-picked team of Novitec technicians launched a project known as "Rosso F360". The aim of this project, was not to make any fundamental changes to one of the most aesthetic and best performing automobiles on the road today, but rather to create an exclusive and extensive range of tuning products and accessories for the discerning individualist.

After undergoing many tests on their high-tech test benches and racetracks, the centerpiece of the program for the Ferrari Modena - the powerful Novitec Rosso bi-compressor engine - was born. An extremely precise, high-quality product, with breathtaking performance that should convince even the toughest of automotive purists. Increased performance, improved handling, reduced aerodynamic drag, and more attractive body styling are the attributes of the Novitec's version of the legendary Ferrari 360 Modena.

**606hp**  
**615Nm**  
**344km/h**  
**2.2kg/hp**



## engine

This astounding powerplant features two superchargers with modified turbine-blades and a separated oil-circuit. Fuel supply comes through a heat insulated modified induction tract and proper cooling of the centrally located engine is via water-to-air intercoolers with additional watercoolers.

Novitec fitted higher capacity fuel pumps and larger injectors for the higher fuel requirements. Reinforced v-ripped belts with dynamic belt-tensioners are used to ensure no slippage under extreme conditions and higher than stock loads.

The engine management is now by modified Motronic management system in combination with NOVITEC's own electronic computer.

Carbon fiber has been used extensively and the complete air filter-housing is made of this extra strong and light material.





## exhaust

Novitec engineered power-optimized exhaust systems in stainless steel for their super-charged F360.

Currently on offer are systems with and without adjustable flap. Supersport exhaust comes with 2x90mm outlets (2 left = 2 right), including the replacement aluminium grill in black for the rear bumper. The systems also come in a variety of differently tuned sounds (exhaust notes).

Novitec also offer stainless steel exhaust outlets without flap-regulation that fit on standard system and are a great upgrade for increased power and sporty sound. All kits are fully comprehensive and come with all the required parts to replace the oem grill in the rear bumper.

Also available are 2x90mm exhaust-outlets specifically made for the Challenge Stradale edition of the 360.

Novitec also offers custom stainless steel exhaust manifolds with larger primary pipes aimed at increased power for a range of vehicles.

Another power boosting product is the Zeller metal-catalysts that increases power through lowering back-pressure in the system.





## brakes

The high-performance brake system NCCB (NOVITEC Composit Ceramic Brake) includes two eight pistons brake calipers and 380mm ceramic discs for the front and two four pistons brake calipers with 380mm ceramic discs for the rear. The system is equipped with two brake air blades and stainless steel braided brake lines for increased force and better feel. Novitec performance brake pads are used all around.

The Novitec brake systems not only bring improved braking and looks, they also save a lot of weight in comparison with standard. The difference is a valuable 20,5 kg. The larger than stock brakes can only be fitted in combination with NOVITEC 19" inch wheels.

The company also offers NCCB brake pads for sports meetings or race for those clients who wish to venture into open track days or club racing. The Sport brake pads made of sintered metal can handle temperatures up to 1100° Celsius. The Supersport pads made of glass / sintered metal, are capable of withstanding temperatures of up to 1450° Celsius.

## other upgrades

### Aluminum coil over suspension Supersport

Novitec offers owners of the 360 an all aluminum coil over suspension system adjustable for height, with shock absorbers being adjustable for compression and rebound on all four corners. The shocks come with competition-style separated expansion reservoirs at damper housing for improved oil cooling.

### Sport spring set

Lowering springs offered by Novitec are used as replacement for the original ones. They bring lower centre of gravity, improved handling and looks.

### Anti sway bar kit

Larger size front and rear sway bars are available for those Ferrari owners looking at improving the low and high speed handling and reducing body roll.

### Aluminum spacers

A range of high-strength aluminium spacers is available to increase the track from 20 to 60mm per axle. All spacers are anodised and resistant to corrosion.

### Aerodynamics and styling

Novitec offers a wide range of body styling elements that enhance the looks, reduce the aerodynamic drag or increase downforce, depending on the clients' requirement.

### Carbon fiber parts

Lightweight and super-strong carbon fiber parts offered by Novitec range from full bumpers and spoilers, wing supports to side skirts and air intake ducts.