

PRESS RELEASE

Magneti Marelli at Michelin Challenge Bibendum 2007

*Powertrain, Exhaust and Eco-Telematics technologies
to face the environmental challenges:
polluting emissions, CO₂, but also traffic management*

Magneti Marelli participates in the Michelin Challenge Bibendum 2007 in Shanghai as Associate Sponsor of the event, in order to confirm the commitment and contribution in the area of technologies for sustainable mobility.

The CEO of Magneti Marelli Powertrain, Piero Toselli, will illustrate such commitment during the course of the main session “Policy Tribune” during the opening day. Magneti Marelli representatives are also expected to participate in the roundtable on the topic of “Urban Traffic and public health”.

In addition, Magneti Marelli is present with a stand at the SAEC’s Technological Exhibition Center in Anting (stand K5), and is included in the demo sessions programme with three cars (two Chery QQ 1.1 and one Panda 1.2), all equipped with AMT (Automated Manual Transmission).

In recent years, Magneti Marelli’s commitment in the area of eco-friendly technologies has increased considerably with the introduction on the market of solutions aimed at combining the best technologies available with the least environmental impact. Efforts have concentrated on the reduction of polluting emissions and CO₂, both through reduced consumptions and the development of technologies based on alternative fuels, and through the processing of exhaust gases, but also approaching the issue of traffic congestion. Implementing on board telematic instruments is the first step took by Magneti Marelli to connect the vehicle, through a broadband, to the environment for obtaining a better management of the traffic and consequently the reduction of the emissions.

TETRAFUEL - The Magneti Marelli TetraFuel® system is a technology that allows a vehicle’s engine to function equally well with four different types of fuel: petrol, alcohol/petrol in various mix, pure alcohol or compressed natural gas. This process is made possible by a special microprocessor and control algorithms inserted in the ECU (Engine Control Unit).

The vehicle is fitted with two tanks, one for liquid fuels and the other for compressed natural gas. The TetraFuel® system automatically chooses the fuel based on driving requirements. It therefore optimises the ratio between performance, fuel economy and low exhaust emissions. The TetraFuel technology comes from the Flexfuel SFS (Software Flexfuel Sensor) system, also launched in Brazil by Magneti Marelli in 2003. Flexfuel SFS offers the option of using petrol or alcohol in various mixes (from 0 to 100%) indifferently.

AMT - The Automated Manual Transmission (AMT) is an electro-hydraulic automation technology for manual transmissions that combines comfort of use with reduction in consumption. The AMT is based on an electronic control unit and hydraulic actuation

system that supervise the use of the clutch and the shifting of gears, thus allowing the driver to shift gears without using the clutch, either sequentially or fully automatically. The electronic optimisation of the shifting offered by AMT also results in a reduction in fuel consumption and CO₂ emissions, not only compared to cars equipped with traditional automatic transmissions, but also those with manual transmissions.

GDI – Gasoline engines can reduce significantly their CO₂ impact. In particular Gasoline Direct Injection (GDI) systems with turbocharged and downsized engines allow a relevant fuel saving. Sophisticated multi injection strategies and a specific family of injectors represent Magneti Marelli's contribution to fully achieve the broad potentialities of this solution. Magneti Marelli is leader in GDI Injector production.

EXHAUST SYSTEMS - Magneti Marelli develops and produces exhaust systems for cars and motor vehicles using high quality, high performance technologies with two purposes: to reduce the pollutants contained in exhaust gases and reduce noise.

“ECO-TELEMATICS” - The reduction in emissions, although unavoidable, is not enough to solve the problems of sustainable mobility: for this reason we have to make vehicles that are “eco-telematic”. Magneti Marelli believes in the approach that provides for the integrated use of all available instruments and energies in order to bear on all aspects of the mobility system.

Specifically, Magneti Marelli can supply a telematics platform that, through vehicle-vehicle and vehicle-infrastructure interconnection, is capable of both guaranteeing constant assistance while driving and making available new info-mobility services (such as fleet management or traffic rationalisation) for the purpose of lessening the impact of circulation and traffic on the environment.

All the above in order to be in line with the European Community's vision of a mobility that will have to be “greener”, “smarter”, “safer” and “integrated”.

***Magneti Marelli**, part of Fiat Group, designs, produces and markets advanced systems and components for motor vehicles. With its 45 production facilities (55 production units), 9 R&D centres and 27 application centres in 16 countries, 25,000 employees and a turnover of 4.5 billion Euros in 2006, the group supplies all the leading car makers in Europe, North and South America and the Far East. The business areas include: Powertrain – Suspensions and Shock absorber systems - Lighting – Electronic systems – Exhaust systems– Aftermarket Parts & Services - Motorsport.*

Shanghai, 14th November 2007.