



PRESS RELEASE

Magneti Marelli at the International Suppliers Fair (IZB)

Magneti Marelli participates in the "IZB" International Suppliers Fair (Internationale Zuliefererbörse) at the Wolfsburg Allerpark area, from 14th to 16th October 2014.

The IZB is aimed at all automotive industry suppliers and has a prominent reputation in international professional circles, with high-quality exhibitors, a large number of key decision-makers and trade visitors attending the event. The IZB was first hosted in 2001 as a Volkswagen in-house trade fair. It has since established itself as a showcase event for the international automotive supplier industry.

At the 8th International Suppliers Fair (IZB), Magneti Marelli displays a selection of its best high-end technologies, with a focus in particular on the GDI injection technology, on the "hybridized" Automated Manual Transmission solution, on the AMOLED technology for displays and on the E-Light module for the lighting technology (recognized by EU as "eco-innovation").

The **GDI injector** displayed by Magneti Marelli at IZB is characterized by a 600 bar pressure and by a patented double coil solution inside, that assure a further optimization of the direct injection performance, especially in terms of particulate reduction. The external dimensions of the injector are the same of standard 350 bar and peak current remain at 12 Amps.

The **48 volt Hybrid System PERF.E.T.** (PERFORMing and Efficient Transmission) represents the ideal synthesis of the technological transfer process between "racing" and the "road", combining two innovations tested by Magneti Marelli at different times on the world's most important tracks: **the electro-actuated gearbox and the KERS** (Kinetic Energy Recovery System for F1). Magneti Marelli has in fact developed a solution for standard production cars **that connects an electric motor generator to an automated manual gearbox**: the electric motor produces torque during the gear change and at the same time helps to reduce fuel consumption. In the field of hybrid solutions, Magneti Marelli motor generators are considered as "best in class", in relation to their high flexibility that allows to match all the different hybrid architectures.

The AMOLED technology for **displays** allows the reduction of electrical consumption while displaying sharper images. Additionally, this more compact and lighter technology can be used for a wide range of applications throughout the vehicle.

AMOLED is a self light emitting display which directly emits RGB (red, green, blue) light respectively from layers of organic compounds. The AMOLED is 30,000 times faster than TFT technology, is not affected by viewing angle, has a true color display and provides a wider contrast.

The **E-Light**, is the first “Eco-Innovation” lighting solution officially recognized by the European Community to an automotive supplier. This ensures that car makers who adopt E-Light will be saving 1 g CO₂/km per car in 2020, when emission regulations will come into effect. E-Light is a low beam LED module that offers energy savings with superior lighting performance: it consumes approximately 1/6 of the energy of a regular halogen bulb (11 Watts instead of 68 Watts).

Important highlights of this edition of IZB are the focus on ASEAN market and China. In those markets, Magneti Marelli relies on an extended footprint for all its business areas (lighting, electronic systems, powertrain, exhaust, suspension systems, shock absorbers etc) with facilities in Penang (Malaysia) and in Shanghai, Foshan, Wuhu, Guangzhou, Hangzhou, Changsha, Changchun, Hefei and Xiaogan (China).