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Press release:

**Magneti Marelli Parts & Services: new LPG Injector range for high performance and longer lifespan (+50%)**

- *Twelve new part numbers for LPG injectors for a wide range of vehicles*
- *Longer lifespan and important certifications*
- *Easy installation: fitting without rail modifications and different-colored caps for easy identification*

Magneti Marelli Parts & Services, with its deep knowledge of injection systems, which the company has pioneered from the beginning, offers more than 60 types of injectors, varying in spray configuration, operating range, pressures, and supply voltages. Recently, the range has been expanded with twelve part numbers for LPG injectors entirely produced in Italian facilities.

The new LPG injector part numbers cover a wide range of popular LPG or bi-fuel (gasoline+LPG) models. These include the Alfa Romeo Giulietta and MiTo, the entire Dacia range, a wide selection of Fiat cars (including 500, 500L, 500X, Panda, Grande Punto, and Tipo Station Wagon), Lancia Ypsilon and Delta, various Opel models (Astra, Insignia Sports Tourer, Mokka, and Zafira), and Renault Clio and Modus.

**Ease for installers**

The LPG injectors offered by Magneti Marelli Parts & Services provide numerous advantages, including certifications for electromagnetic compatibility (10R-03 671, regarding the elimination of potential interference with vehicle electronics) and LPG (67R 03 4893).

Construction features such as the anodized aluminum body, fully zinc-coated coil, and flame-retardant automotive plastic injected connector ensure that the LPG injectors offered by Magneti Marelli Parts & Services are of high quality.

Additionally, the LPG injectors do not suffer from "sticking" issues, typical of traditional diaphragm-operation injectors. To address this problem and extend their operational life, the new part numbers use a functioning system similar to diesel engine injectors. A solenoid-driven needle regulates the opening and flow of LPG; during its movement, this needle self-cleans, preventing oil residues from depositing and lacquers from forming, which cause sticking and injector blockage.



In fact, the Magneti Marelli Parts & Services injector can handle “dirty” LPG, which contains more oil residues, thereby extending its lifespan from the typical 50,000 km of traditional injectors to 75-80,000 km, making the use of LPG cars even more economically beneficial.

Another advantage of the LPG injectors offered by Magneti Marelli Parts & Services is the mode of installation, which is identical to that of the original components: this means they require no system adaptations or rail disassembly, making the installation easier and faster. These injectors do not require any ECU calibration; adjustments are done via software, making them Plug and Play.

Additionally, the use of color coded caps facilitates the identification of the right injector for each engine type, avoiding potential errors.

The packaging of the injectors offered by Magneti Marelli Parts & Services includes shock-resistant preformed blister packaging that maintains integrity and displays all essential information, such as product part number, barcode, description in the relevant country's language, and production location. The package also includes a leaflet with injector instructions in multiple languages.

### **A growing market**

To date, LPG is still a significant type of fuel for combustion engines.

The Italian fleet of LPG vehicles consists of 2.6 million cars, accounting for 6.5% of the total (data from Unrae). The share of LPG cars in total registrations has been growing in recent years, increasing from 5.6% in 2016 to 6.8% in 2020, reaching 9.1% in 2023, the year when the best volume result was achieved, with 141,900 units (data from Unrae).

Furthermore, an important aspect adds to this favorable trend: the replacement cycle of traditional LPG engine injectors is shorter than those of gasoline and diesel. Intervention is typically required after about three to four years of use due to lacquer-related issues, which drastically reduce their lifespan. Other injector problems can arise from diaphragm wear or internal sticking.

The combination of these factors (large circulating fleet and shorter replacement intervals compared to other fuels) creates a highly attractive market for independent auto repair. A market that Magneti Marelli Parts & Services can satisfy with high-quality products, easy installations, and competitive pricing.



*Magneti Marelli Parts & Services is a global leader in the Independent Aftermarket, distributing spare parts, automotive components, and know-how to workshops through a network of distributors.*