

DUAL FUEL *line*

DEGA **MIX**

**Gas installations
for Diesel engines**

Cars (M1) and delivery trucks (N1)

Heavy goods vehicles N2, N3

Buses M2, M3

DIESEL ON GAS



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ELPIGAZ
AUTOMOTIVE



DUAL FUEL *line* **DEGA^{MIX}**

DEGA^{MIX} is an innovative solution that allows vehicles with high –compression engines to use simultaneously two types of fuel – diesel oil and LPG or CNG, or LNG, or BIOGAS.

PRODUCT APPLICATION

DEGA^{MIX} is Diesel and Gas Mixture – in other words **Dual Fuel System** can be used in a wide range of high-compression engines, both turbo and non-turbo or with other power supply systems (Common Rail, pumps, fuel injection pump), irrespectively of their purpose. This system is able to be assemble in 2-8 cylinders engines with power from 20 to 800HP.



BENEFITS of DEGA^{MIX}

Significant benefits of using the system include:

✓ Economic benefits

- Fuel costs reduction by replacing expensive Diesel with cheaper LPG or CNG

✓ Exploitation benefits

- Precise and stable fuel dosage due to two-map calibration system: GAS MAP + DIESEL MAP
- Improved driving dynamics

PRODUCT ADVANTAGES

✓ All components are the highest quality

✓ Longer service intervals – up to 50 000km

✓ Two strategies of gas injection:

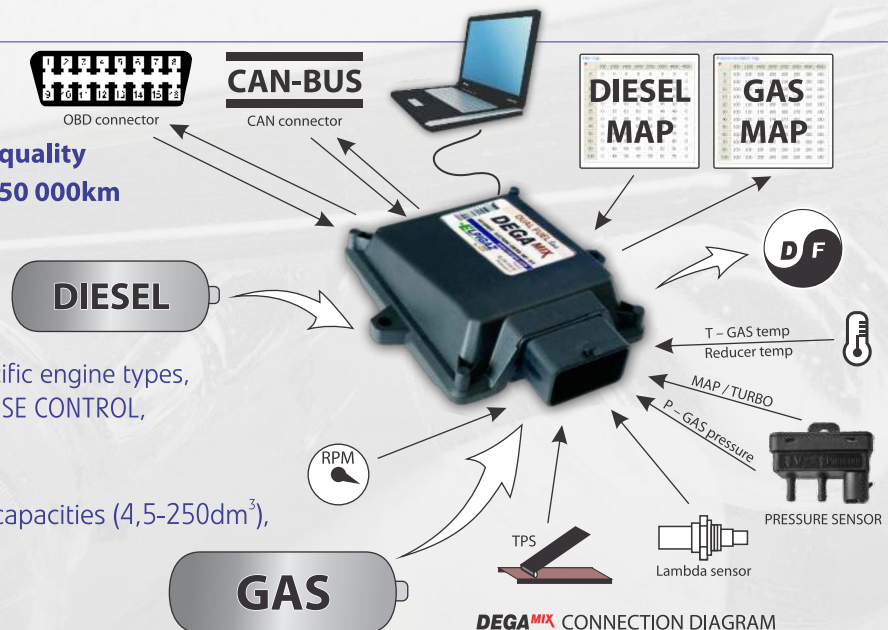
- FULL GROUP (FG1M / FG2M),
- SEQUENTIAL (SEQ2M).

✓ Dedicated systems

- Ready to use applications for specific engine types,
- Installations for vehicles with CRUISE CONTROL,
- Cooperation with vehicle's OBD.

✓ Tanks

- Wide range of dimensions, and capacities (4,5-250dm³),
- Low weight and quick assembly.



APPROVALS

The innovative system **DEGA^{MIX}** was awarded INPRO 2011. Prize granted to producers for "The Best and The Most Innovative Products to Logistic Sector. **DEGA^{MIX}** installations offered by ELPIGAZ are the first Dual Fuel LPG (diesel + LPG) and Dual Fuel CNG (diesel +CNG) systems on Polish market with all necessary approvals to be used in a wide range of vehicles:

✓ Cars (M1) and delivery trucks (N1)

✓ Heavy goods vehicles (N2, M2) and buses (M2, M3)

✓ Heavy goods vehicles (N3) used for transportation of dangerous goods according to ADR agreement

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