

DUAL FUEL *line* **DEGA** **MIX**

Gas installation for Diesel engines

Cars (M1) and delivery trucks (N1)

Heavy goods vehicles N2, N3

Buses M2, M3



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

DEGA^{MIX} is an innovative solution that allow vehicles with high-compression engines use simultaneously two types of fuel - diesel oil and LPG or CNG.

PRODUCT APPLICATION

DEGA^{MIX} is Diesel and Gas Mixture - known as **Dual Fuel System**, can be used in a wide range of high-compression engines, both turbo and non- turbo or with other power-supply system (Common Rail, pumps, fuel injection pump), irrespectively of their purpose.

BENEFITS of **DEGA^{MIX}**

Significant benefits of using the system include:

✓ **economic benefits**

lowering operating costs by replacing expensive Diesel with cheaper LPG or CNG.

✓ **performance benefits**

increasing driving dynamics (increased torque and power), lowering of pressure in components of fuel system and energy diversification.

PRODUCT ADVANTAGES

✓ **All components are the highest quality**

✓ **Longer service intervals – up to 50 000km**

✓ **Optimization of places of gas injection**

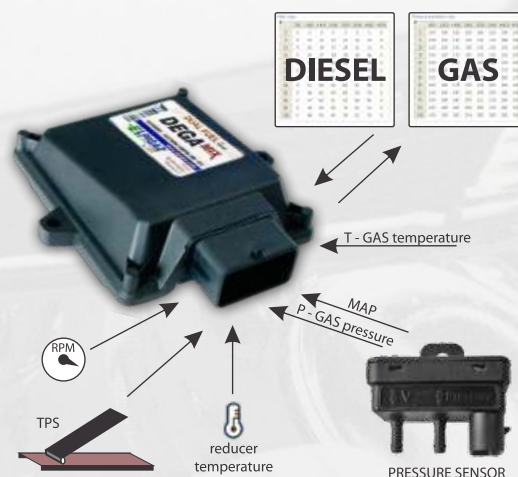
- Central injection - Full Group
- Multipoint gas injection, separate for each cylinder

✓ **Precise and steady fuel supply**

- Separate gas dosing map
- Separate dosing control map Diesel
- Patented precise dosing control system Diesel for Common Rail engines
- Dedicated systems

✓ **Tanks**

- wide range of dimensions and capacities (4,5-250dm³)
- low weight and quick assembly



DEGA^{MIX} CONNECTION DIAGRAM

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}** system offered by ELPIGAZ is the first installation on Polish market with all the necessary approvals to be used in a wide range of vehicles:

- ✓ cars (M1) and delivery trucks (N1)
- ✓ heavy goods vehicles (N2) and buses (M2)
- ✓ heavy goods vehicle (N3) and buses (M3)
- ✓ it also can be used in road vehicles (M3 and N3) used for transportation of dangerous goods according to ADR Agreement

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