



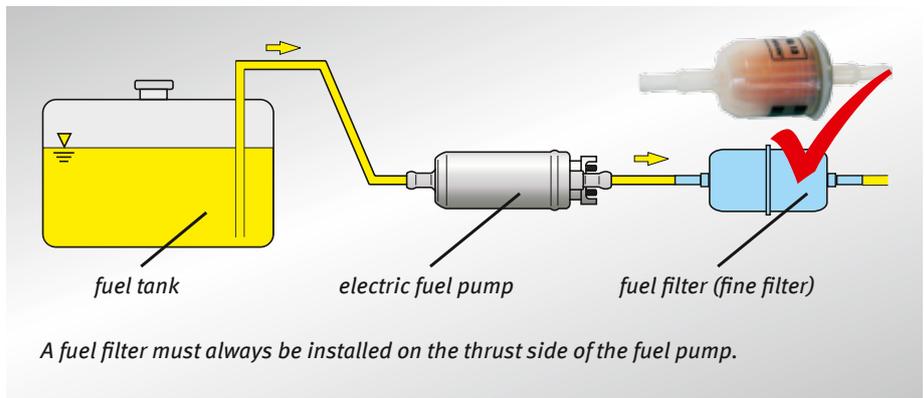
# Fuel filters always on the thrust side

## Fitting instructions for electric fuel pumps

Vehicle	Product: electric fuel pump
all vehicles provided with electric fuel pump	PIERBURG No.: see catalogue

### Complaints:

- Poor engine performance
- Jerking
- Misfiring
- Defective fuel pump



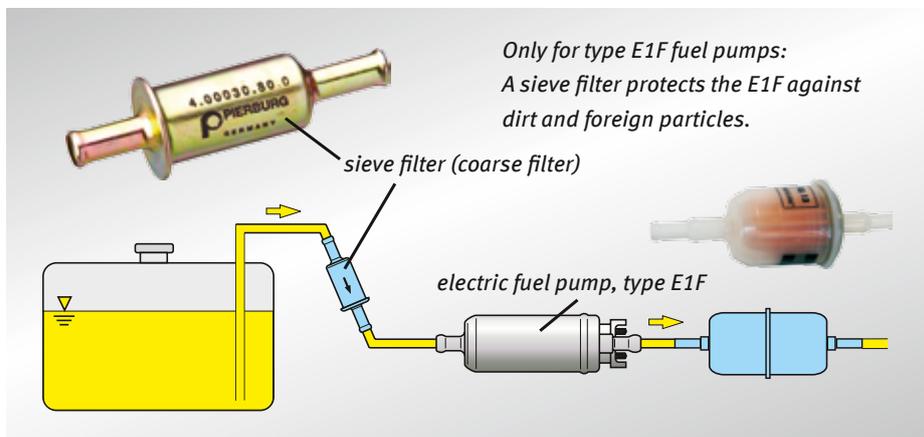
Whenever an electric fuel pump is retrofitted, it is essential to watch out for the following:

The fuel filter (fine filter, paper filter) must always be on the thrust side, i.e. in the direction of flow behind the fuel pump. Modern fuel pumps are mostly flushed by fuel and, as a result, simultaneously lubricated and cooled.

If a fuel filter is installed on the intake side, there is a risk of "running dry", which can very quickly result in damage to the pump system.



We recommend to install a wide-meshed sieve filter (mesh size 60...100 µm, e.g. PIERBURG No. 4.00030.80.0) in front of type E1F fuel pumps. It should be replaced at the same maintenance interval as the fuel filter.



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