

SERVICE NOTE

High voltage generators for diesel and gas engines, frame sizes 0710, 0900, 1120, 1250, 1600

Retrofit kit: Air-flow sensor



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01 High voltage generator for diesel and gas engines with air-flow sensor

02 Air-flow sensor

Air-cooled versions of ABB's synchronous generators for diesel and gas engines, type AMG 0710, 0900, 1120, 1250 and 1600, feature a number of different air filter layouts. It is recommended that all air filters are changed as part of every life-cycle service (L1 – L4). Failure to change the filters may lead to inadequate filtration or limit the airflow to the generator.

The air-flow sensor provides a clear indication when the air filters need replacing. It monitors the pressure difference between the outside and inside of the filtration system, and detects when the airflow is outside the specified limits.

The air-flow sensor enables the filters to be changed as soon as it becomes necessary. This helps to improve the overall efficiency of the generator and extend its lifetime.

For more information please visit:

new.abb.com/motors-generators/service

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The air-flow sensor is easily retrofitted to the generator, and it is usually not necessary to make any internal changes to the generator. ABB supplies all the necessary materials and documentation. For the best possible results, ABB service engineers are available to provide on-site installation assistance.

Benefits

- Monitors condition of air filters and indicates when they need to be replaced
- Supports move from time-based to predictive maintenance
- Improved generator efficiency
- Longer generator lifetime
- System is easy to install and maintain
- Full manufacturer support