



# The importance of servicing

*“You can budget for servicing. But you can never budget for fires and their consequences.”*

Fogmaker Service Manager

**FOGMAKER**

**We never compromise  
on safety.  
Do you?**

*Investing in  
servicing is a  
very inexpensive  
way of saving  
lives.*

Fogmaker is a fire suppression system that is designed to save lives and protect property. Fogmaker is a smart and responsible investment that helps to keep drivers, passengers and vehicles safe. Fogmaker will effectively detect and suppress an engine fire in its early stages and prevent it from reigniting.

Obviously, we want our customers to have properly serviced, well-functioning Fogmaker systems. Fire suppression systems require maintenance. If you have your system serviced, you can prevent the devastating financial consequences of a fire.

**The question is: Are you willing to take a chance with people's safety?**

A fire suppression system could be the best and smartest investment you make. Fogmaker is a high-quality system that represents a small

investment in relation to what it can protect. Your responsibility is to have the system serviced, so that we can guarantee its function. In the event of a fire, an insurance company will hold you responsible, if an accident happens and you have not had your system serviced. Servicing is an essential measure. It is all about taking responsibility.



# You can budget for servicing. But not for fires.

Are you prepared to take a chance? Or will you budget for servicing your Fogmaker Fire suppression system (FSS)? Have you opted not to have your system serviced because you think it is too expensive? Choosing not to go for servicing for financial reasons is not a wise decision. Don't skimp on servicing because this can lead to serious damage and, in the worst case, deaths.

A properly serviced, well-functioning Fogmaker system protects vehicles worth large sums of money and can reduce downtime from several months to just one day. Investing in servicing is a very inexpensive way of saving lives.

#### **The responsibility lies with the owner**

According to SBF 127, the Swedish Rules for fire protection on work vehicles, insurance companies will not accept unserviced systems in the event of fire damage. The responsibility for servicing lies with the owner of the vehicle and not the manufacturer of the fire suppression system. Servicing is not required by law, but must be carried out at regular intervals, otherwise people's lives could be put at risk.

#### **Fogmaker's liability and warranty**

We guarantee the functioning of the Fogmaker system provided that it is installed by a certified

Fogmaker partner or authorised service technician and that annual controls and the five-year service are carried out at the specified intervals. Fogmaker's customer warranty is valid for 24 months from the date when we send out the product. Distributors also have a 24-month warranty from the date when the products are sent to the end users. If a customer or an end user sells the vehicle to a third party, the warranty comes to an immediate end.

#### **When the warranty is not valid**

The warranty does not cover the fire suppression system if it is not used in accordance with the Fogmaker installation manual (8010-002) or if the system has been serviced by unauthorised staff. If our product has been incorrectly installed, has been damaged as a result of incorrect maintenance or has defects because of mistakes or poor maintenance, the warranty is not valid.



# Your Fogmaker system has a low TCO.

The Fogmaker system has a low TCO (total cost of ownership). If you carry out annual controls, a five-year and a 10-year service, you will have a safe, reliable system that will last for many years.

### The Fogmaker system has three service levels

- An annual control is carried out every year. Note that the start date for the service intervals is the installation date and the first annual inspection must be carried out within one year plus or minus two months of this date.
- A five-year service is carried out every fifth year.
- Finally, a 10-year service is carried out at least every ten years, unless regulations in the country in question require it to be completed more often.

### 10-year life cycle



For service cost contact your local Fogmaker dealer via [www.fogmaker.com](http://www.fogmaker.com) or contact Fogmaker International directly +46 470 77 22 00.



# Components where servicing is particularly important.

## Components where servicing is particularly important

To ensure that the nozzles can distribute the suppressant in a specific area, a number of different components have to work together.

- The pipe system must be cleaned with compressed air every year to ensure that it functions correctly.
- The nozzles must be checked to ensure that they are pointing in the right direction and have enough clearance.
- The pressure in all the cylinders and bottles must be correct.
- The pressurised hydraulic hoses and detector tubes must be undamaged.
- All the connections must be intact.
- The alarm system must function.
- The internal function of the suppressant valves must be subjected to an additional check every five years.

**NOTE!** Fogmaker's suppressant has been thoroughly tested and certified. It consists mainly of water, but to ensure that it functions effectively, additives are needed, such as antifreeze, corrosion protection and foam, which significantly improves its fire suppression properties.



# The Fogmaker system saves lives, so it must always function correctly.

**The Fogmaker system saves lives, and it must always function correctly. It is extremely important for us to carry out a risk assessment together with the customer before the system is installed.**

There is a fire hazard where there is the potential for interaction between fuel, heat and oxygen. Fire hazards include hot surfaces such as those of turbochargers and manifolds, and friction that can ignite flammable liquids or other materials in the engine compartment. Electrical components and cables also pose a fire risk. Here it is important that Fogmaker's system can act in the event of a fire.

#### **Fogmaker's risk assessment**

The fire hazards must be described and translated into fire risks and proposed preventive measures that the customer can take. This is what Fogmaker's certified installers do. Different vehicles have different components that pose a higher or lower fire risk. These are assessed individually for each vehicle. The economic value of the vehicle varies. A more expensive vehicle that is more difficult to replace within a reasonable time should be serviced or have its fire protection checked more often to ensure its function.

A bus that serves a city centre or a machine that operates in a mine are high-risk vehicles where preventive service is, if possible, even more important. Temperature, vibrations and the risk of corrosion also vary depending on the vehicle and its surroundings. ***NOTE! The risk to human life is always of the highest priority.***

Sometimes a vehicle must meet a certain product standard, which also affects Fogmaker's system. The cleanliness and design of the vehicle factor into how well the installed system protects the vehicle in the event of a fire.

Please note that during installation, the entire fire suppression system must be carefully documented on the basis of the risks assessed in the risk assessment. This documentation is then signed by Fogmaker and the customer. Always save and document installation photos and other documents.





## Always one step ahead

Fogmaker's aim is always to be one step ahead from a safety perspective and to prevent unplanned downtime. Our fire suppression system, which involves high-pressure water mist, protects people and vehicles in the event of an engine fire that could otherwise have devastating consequences.

### **Service contact**

Contact a certified Fogmaker technician for servicing. Go to [www.fogmaker.com](http://www.fogmaker.com) – Find distributor, to find a distributor near you. Or contact Fogmaker International AB at: +46 (0)470 772200 - [info@fogmaker.com](mailto:info@fogmaker.com).

# FOGMAKER

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