



## Rogers Fire Department Standard Operating Procedures

<b>Policy Title:</b>	Diesel Exhaust Removal System		
<b>Policy Number:</b>	301	<b>Volume:</b>	Safety
<b>Approved By:</b>	Tom Jenkins	<b>Last Reviewed:</b>	December 2021
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### PURPOSE

It is the policy of the Rogers Fire Department all emergency response apparatus powered by diesel engines will be equipped with an exhaust removal system. This policy describes the use and operation of the system.

### POLICY

The vehicle exhaust removal equipment consists of a specialized exhaust boot, duct work and flexible piping all connected to a ventilation fan controlled by a panel located in a conspicuous spot in each fire station. This equipment utilizes sensors and manual activation to remove potentially hazardous fumes, mists, and vapors from the fire station caused from the combustion of vehicle engines.

The vehicle exhaust system should be secured to the apparatus prior to the apparatus being backed completely into the apparatus bay. This can be done by the firefighter acting as the backer or guide or can be done by another individual, depending on the circumstances. It will not be acceptable for apparatus to be completely backed into the bay before securing the exhaust boot.

The vehicle exhaust boots should remain on apparatus at all times while in quarters. The boot will automatically remove itself from the apparatus once the apparatus is turned on and moved. During normal morning apparatus checks, it is acceptable to leave the boot on for period of less than 2 minutes. However, if apparatus must be left on for more than two minutes then they should be moved outside to avoid the potential for heat damage to the exhaust boot and ducting.

The control panel allows for manual operation of the exhaust removal fan; however this should rarely have to be used and should serve as a backup for redundancy purposes. The panel should typically be found in the "automatic" position unless otherwise directed by an officer.