



Vehicle Fire Protection Systems



The total package for your vehicle fire protection needs.



WORLDWIDE SALES
AND SERVICE



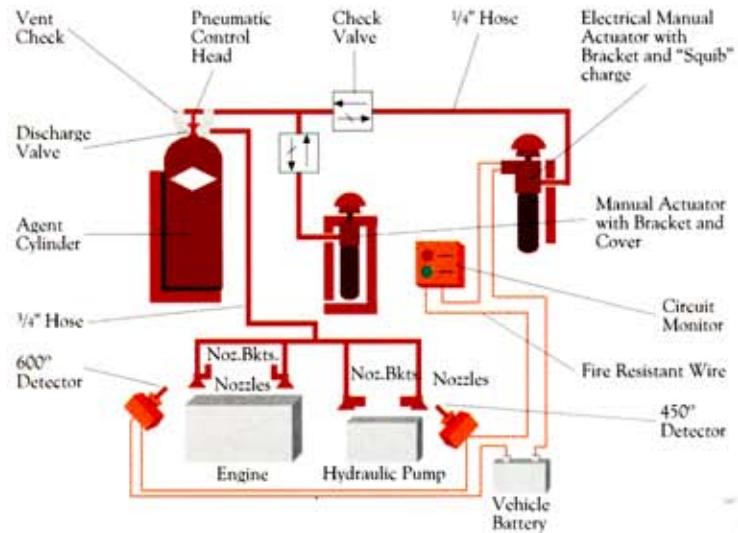


Vehicle Systems

Configurable to meet any need

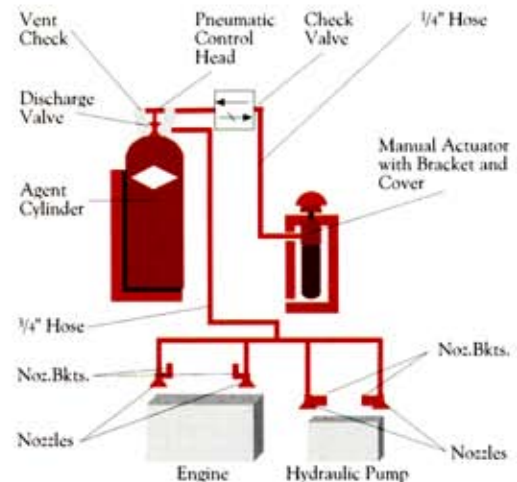
Automatic Fire Suppression

24-hour protection is provided through a dashboard-mounted alarm panel that uses signals from strategically located overheated detectors to release extinguishing chemical through multiple nozzles. The equipment operator is alerted immediately by visual and audible alarms. Options include immediate or delayed vehicle shutdown and a battery backup, which can protect your vehicle even when its own power fails.



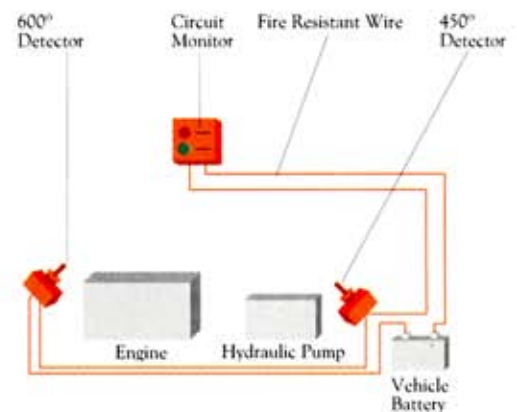
Manual Vehicle Fire Suppression

In situations where fires can be readily detected by equipment operators, Amerex systems can be configured to release extinguishing chemical by pulling a T-handle or depressing a palm button. Multiple palm buttons can be employed to allow remote access of the suppression system from any point on the vehicle.



Overheat Warning System

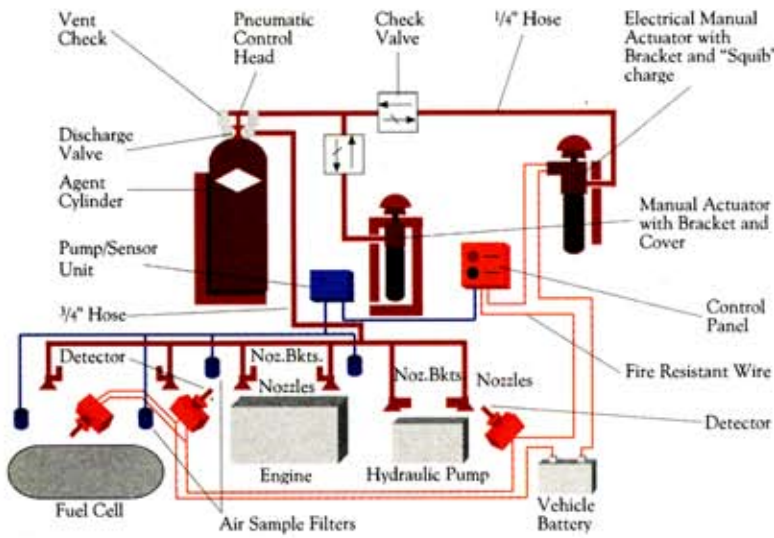
Some hazards are small enough to be controlled with a hand portable extinguisher, but are difficult to detect. For these situations, Amerex systems can be configured to warn the operator that immediate action is required. Notification is through visual and audible alarms.





Vehicle Systems

Configurable to meet any need

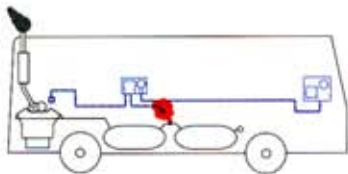


Automatic Fire Suppression And Methane Gas Detection

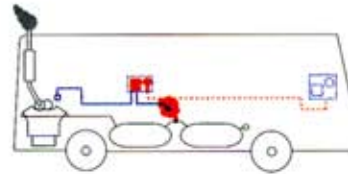
24-hour protection is provided through an electrical control panel that uses signals from strategically located overheat detectors and from a methane detection sensor. The equipment operator is alerted immediately by visual and audible alarms whenever an overheat condition occurs and/or the air is contaminated with methane.

HOW THE SYSTEM WORKS

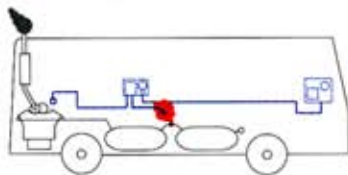
The following is a typical gas detection scenario.



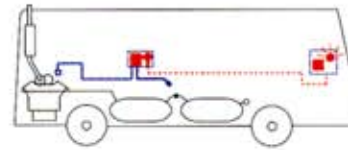
1. A fuel fitting has a minor leak in a monitored area.



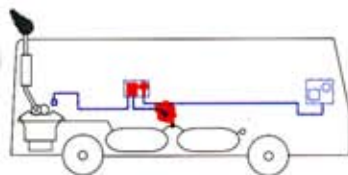
2. The air in the monitored area becomes contaminated with the fuel at some concentration. A portion of that contaminated air is drawn through the sample filter into the sample tubes and carried to the pump/sensor unit.



3. Upon reaching the pump/sensor unit, the contaminated air is forced by the sampling pump to the gas detection sensor.



4. As the contaminated air contacts the sensor, the sensor produces an electrical signal that is proportional to the specific gas concentration level of the contaminated air. This electrical signal is forwarded through the control wiring to the control panel located in the vehicle cab.



5. Upon receiving the electrical signal from the gas detection sensor, the control panel micro-processor analyzes the signal level and converts the signal to the proper display. Depending on the concentration level of the detected gas, the control panel will display a "TRACE," "MODERATE," or "SIGNIFICANT" gas level, shutting down the vehicle, if so desired, or otherwise stopping fuel flow.



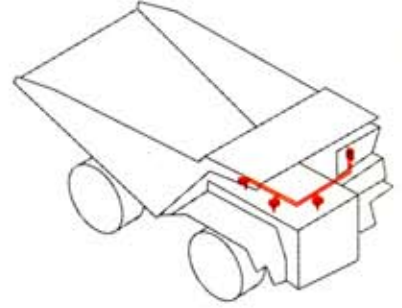
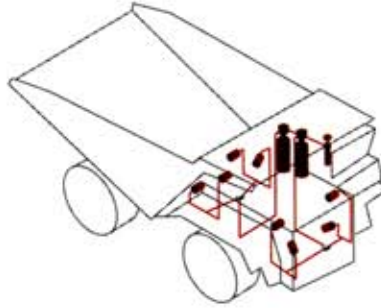
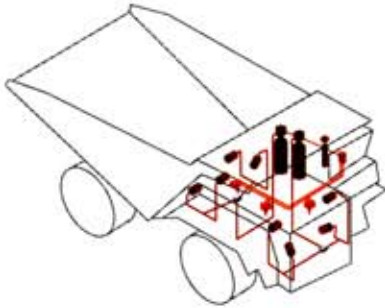
System Designs

**Automatic/Manual
Fire Suppression System**

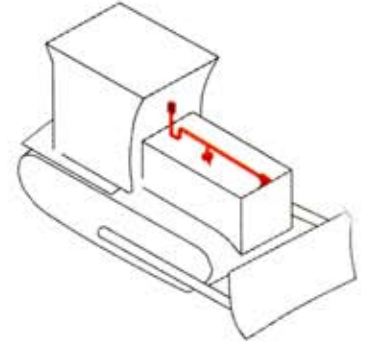
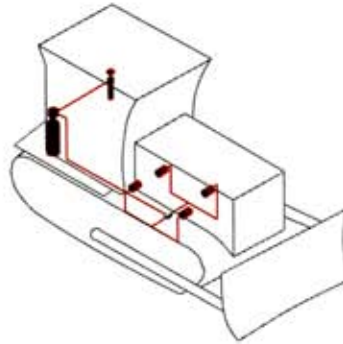
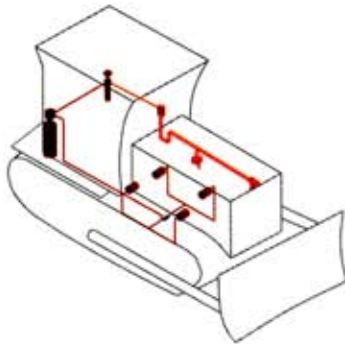
**Manual
Suppression System**

**Overheat
Warning System**

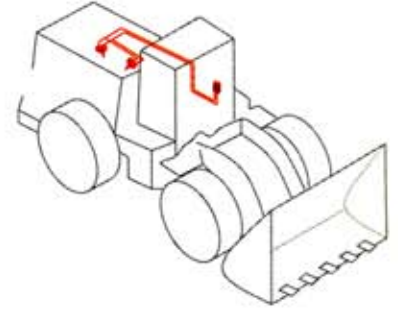
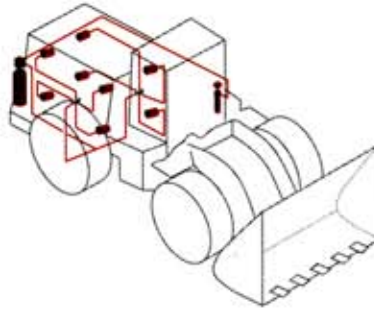
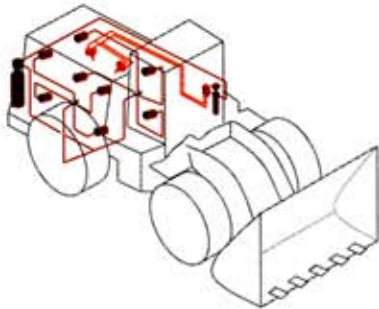
Hauler



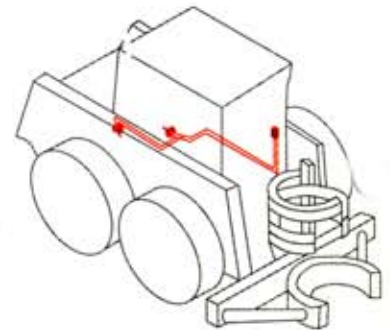
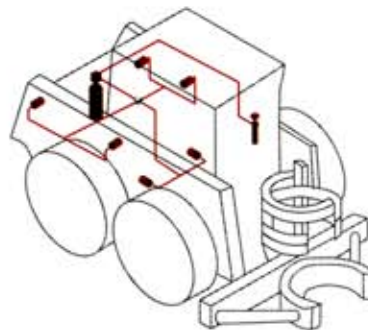
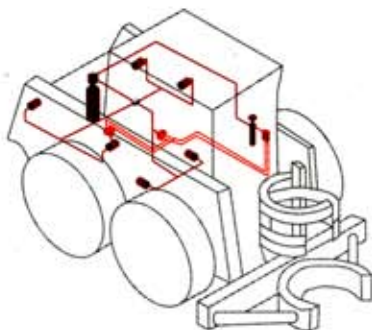
Dozer



Loader



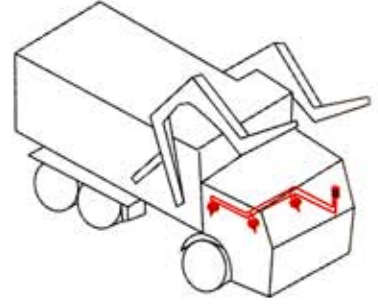
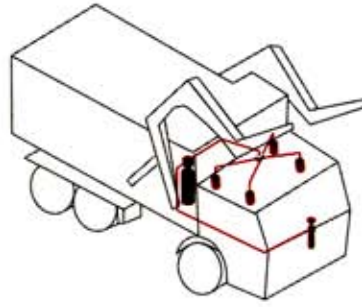
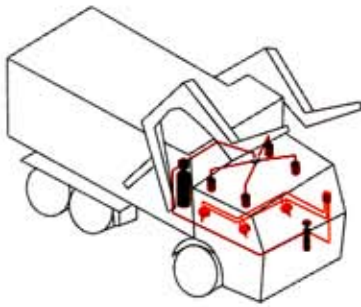
**Feller
Buncher**



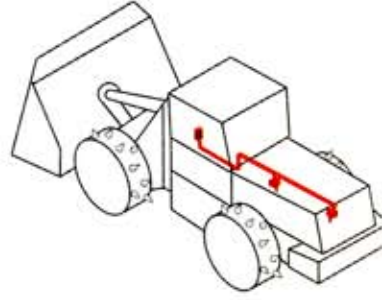
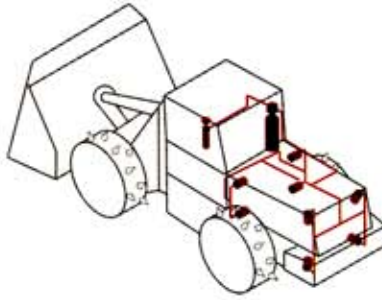
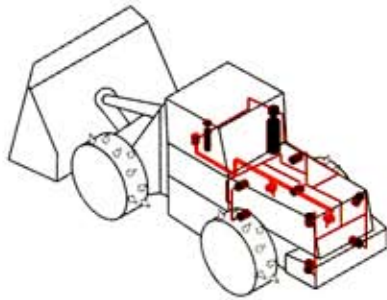
Pre-Engineered For Your Vehicle Hazard



Waste Hauler



Trash Compactors

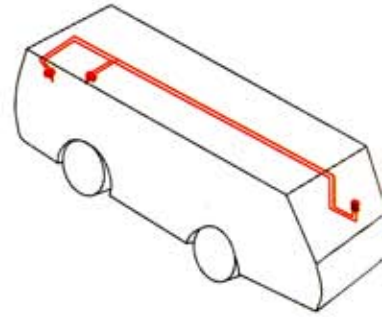
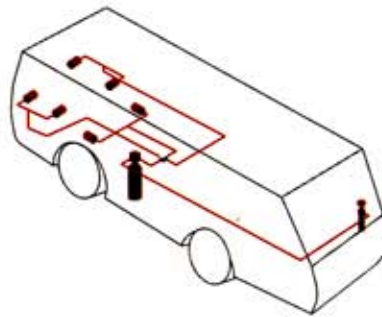
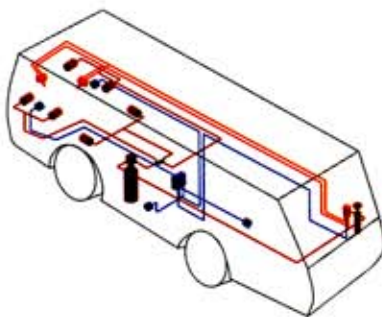


Automatic/Manual Fire Suppression and Methane Detection System

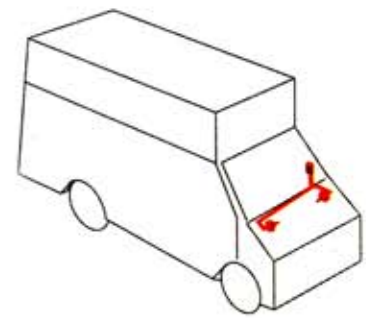
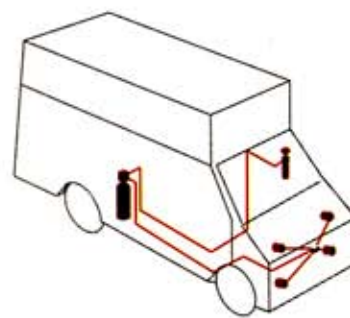
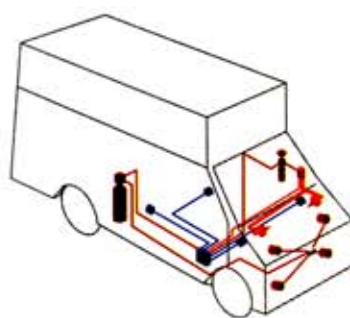
Manual Suppression System

Overheat Warning System

School and Transit Buses



Paratransit Van





Vehicle Fire Suppression Systems

Occupational Suppression Systems cc
Tel/Fax: (011) 968-1938
E-Mail: corneliusdp@mweb.co.za

THE AMEREX ADVANTAGE

Vehicle Fire Suppression Systems



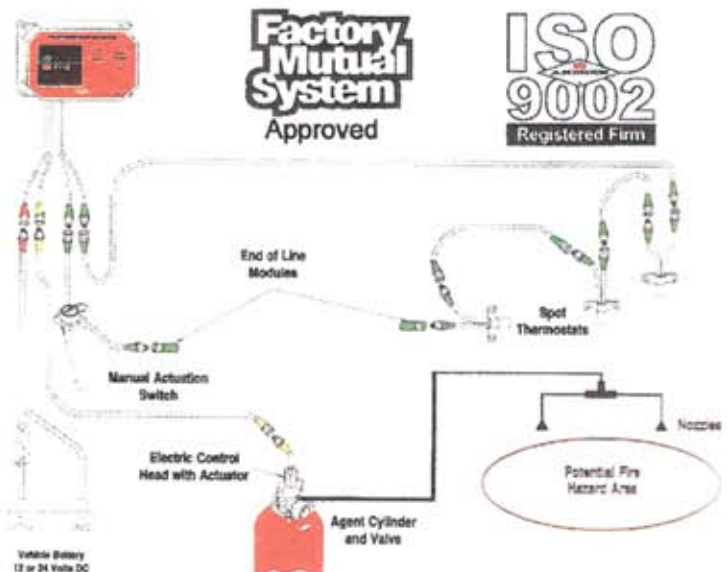
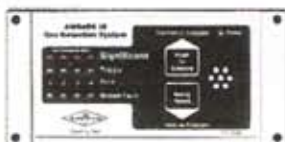
Fire destroys billions of dollars of industrial equipment every year. It causes manpower losses, decreased property value, and, in many cases, human lives. Yet, few companies fail to properly protect their workers and industrial equipment from its damaging effects. That's why there is Amerex.

Amerex is one of the nation's leading manufacturers of fire fighting equipment with more engineering, manufacturing and quality control experience than anyone else in the industry. We can protect your equipment from fire with a suppression system designed specifically for you.

Amerex Vehicle Fire Suppression Systems may make it easier to obtain insurance and also help you to qualify for lower premiums. As the costs of heavy duty vehicles rise, insurance rates escalate accordingly. Many insurance companies have recognized a reduction in claims paid out due to the presence of a fixed vehicle fire suppression system. The Amerex Fire Suppression System will lower your fire risk, which can lower your insurance premiums. The key phrase is "material change of risk." Ask your insurance agent.

AMGADS III

(Amerex Mobile Gas Detection System - 3rd Generation) gas monitoring system is a pre-engineered system designed to be utilized on any type of alternately fueled vehicle. The system can be installed by the vehicle OEM or retrofitted. Its advanced technology can detect: Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Propane (LPG), Hydrogen and any other hydrocarbon fuel vapors.



**PLEASE SEE OUR VEHICLE SYSTEMS BROCHURE FOR MORE INFORMATION
AVAILABLE TO AUTHORIZED DISTRIBUTORS ONLY**