



# AMERICAN TRANSIT

VEHICLE FIRE SUPPRESSION SYSTEMS



## MODEL BDS DRY CHEMICAL SYSTEM VEHICLE FIRE SUPPRESSION

### The need for Automatic Vehicle Fire Protection

The most important consideration in the selection and installation of automatic vehicle fire protection is the safety of the passengers and the operator of the vehicle. Industrial and commercial vehicles are plagued with potential fire hazards. Therefore, the danger of vehicle fire is constant. Since all vehicles carry a combination of highly combustible fluids including fuel, oils, grease, lubricants, hydraulic fluid, and ignition sources such as turbochargers, exhaust manifolds, electrical circuits, and batteries – **fire can start quickly.**

#### PRIMARY SOURCES OF VEHICLE FIRE:

- Short circuits, broken or worn electrical wires
- Vehicle Alternator/Generator Failure
- Turbocharger Failure
- Build-up of Class A Debris on engine, exhaust or other hot surfaces
- Hydraulic system leak can atomize fluid onto hot turbochargers

#### ONCE A VEHICLE FIRE IS ESTABLISHED, THE FOLLOWING RESULTS ARE ALMOST A CERTAINTY:

- Equipment Damage
- Vehicle Downtime for Repair
- Personal Injury Liability
- Loss of a Revenue Producing Vehicle
- Damage to Adjacent Vehicles, Equipment, or Buildings

#### AMERICAN TRANSIT VEHICLE FIRE SUPPRESSION SYSTEMS

American Transit Safety Systems, Inc. specializes in pre-engineered automatic fire detection and suppression systems for heavy duty commercial, industrial, municipal, and military vehicle applications including on-road and off-road vehicles in rough service environments. The American Transit BDS Model Dry Chemical Systems are available with ABC Dry Chemical agent or Purple K agent.

American Transit Fire Suppression Systems are site specific and designed to protect hazard areas common to vehicles and mobile equipment:

- Vehicle Engine Compartment
- Coolant Heater Compartment
- Particulate Trap Areas
- Battery Boxes
- Aviation GPU
- Cargo Areas
- Hydraulic Pump Areas
- AC Condenser Areas
- Electrical Cabinets
- Generator Areas
- Refrigeration Units
- Fuel Filler/Tank Area

# SAFETY SYSTEMS, INC.

er - Manufacture



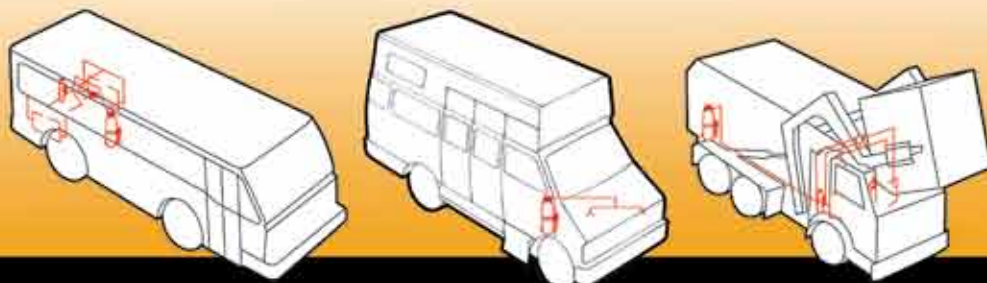
Vehicle applications include:

- Sanitation Trash Trucks
- Municipal Maintenance Vehicles
- Truck Tractor
- Intercity Coach Bus
- Aviation Support Equipment
- Agriculture Equipment
- Parcel Delivery Vehicles
- Military Transport
- Construction Vehicles
- Paratransit Vehicles



We also custom design automatic fire suppression systems for specific vehicle applications.

*Wherever Potential Fire Hazard Exists!*



NOTE: The images shown in this brochure are for illustration purposes only. Due to the wide variety of vehicle designs, options, and the intended use of the vehicle, American Transit Safety Systems, Inc. cannot pre-determine component location or overall system layout. Proper installation and maintenance is essential for designed system performance.

MUNICIPAL - OFF-ROAD - MILITARY  
FIRE SUPPRESSION



**AMERICAN  
TRANSIT™**  
*Safety Systems, Inc.*

For more information on American Transit Fire Suppression Systems and Equipment please call or visit our web site:

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