



The purpose of this vehicle inspection is to provide criteria to assist in placing used vehicles in service that meet a baseline level of safety standards for protecting emergency responders while providing the vital services required of the equipment for fire and rescue services in the Commonwealth of Kentucky

These criteria are neither suited for--nor intended to serve as—routine vehicle maintenance or performance standards.

These standards and/or references are simply recommendations to be used by the Kentucky Fire Commission to ensure that a safe and fully functional apparatus is placed into service within the state.

The standards and/or references in this document encompass a wide range of mechanical portions of the apparatus. These requirements shall be completed and signed by an ASE or Emergency Vehicle Technician (EVT) certified individual.

The following major components will require evaluation with some additional sub-components in each area. These areas will include, but may not be limited to, the following:

1. Brake System
2. Exhaust System
3. Frame
4. Fuel System
5. Lighting Systems
6. Steering Mechanism
7. Suspension
8. Tires
9. Wheels, Rims, Hubs

An apparatus purchased using state-aid and/or loan funds provided by the Kentucky Fire Commission are subject to and shall adhere to the previously mentioned and hereafter stated standards.



1. Brake System

- a. The number of defective brakes is less than 20 percent of the service brakes on the apparatus.
- b. Absence of defective braking action upon application of the service brakes, such as brake linings failing to move or contact braking surface upon application.
- c. Absence of missing or broken mechanical components including shoes, linings, pads, springs, anchor pins, spiders, cam rollers, pushrods, and air chamber mounting bolts.
- d. Absence of loose brake components including air chambers, spider, and/or cam shaft support brackets.
- e. Absence of audible air leak at brake chamber.
- f. Absence of cracked, loose, and/or missing linings or pads.

2. Exhaust System

- a. Absence of leakage from any portion of the exhaust system which would allow for fumes to enter the passenger compartment.
- b. Absence of any portion of the exhaust system positioned to allow or result in burning, charring, or damaging the electrical wiring, fuel supply, or any other combustible portion of the apparatus.

3. Frame

- a. Absence of any cracked, loose, sagging, or broken frame side rail permitting shifting of the body onto moving parts or other condition indicating an imminent collapse of the frame.
- b. Absence of any cracked, loose, or broken frame member adversely affecting support of functional components such as steering gear, engine, transmission, body parts, and suspension.
- c. Absence of any cracks in the apparatus frame system.
- d. Absence of any condition, including load, that causes the body or frame to be in contact with a tire or any part of the wheel assemblies.

4. Fuel System

- a. Absence of fuel system leakage at any point.
- b. All fuel holding containers are securely attached to the apparatus.

5. Lighting System

- a. All apparatus head lamps are operative in the low beam position at the time of inspection.
- b. All apparatus tail lamps are operative at the time of inspection.

- c. All apparatus stop lamps are operative at the time of inspection.
- d. All apparatus turn signals are operative at the time of inspection.
- e. All emergency lighting meets the NFPA standard at the time of manufacture.

6. Steering Mechanism

- a. Absence of and/or looseness of U-bolts or positioning parts of the steering column
- b. Absence of welded universal joint of the steering column.
- c. Absence of improperly secured steering wheel of the steering column.
- d. Absence of missing or loose steering gear box mounting bolts.
- e. Absence of crack(s) of the steering gear box.
- f. Absence of welded repairs to the steering gear box.
- g. Absence of looseness of the yoke-coupling to the steering gear box.
- h. Absence of looseness and/or welded repairs to the pitman arm assembly.
- i. Absence of loose power assist cylinder (power steering)
- j. Absence of any loose clamps, bolts, nuts, and/or threaded joint(s) encompassing the Tie Rods and Drag Links.
- k. Absence of any modification or other condition that interferes with free movement of any steering component.

7. Suspension

- a. Absence of any missing, broken, cracked, and/or loose U-bolts, clamps, hangers, or positioning parts which would allow for shifting of the axle from its normal position.
- b. Absence of any broken, cracked, missing, and/or loose portions of the spring assembly.
- c. Gross Vehicle Weight Rating is not exceeded. (Attach copy of certified weight scale papers to include front axle, rear axle, and total vehicle weight.)

8. Tires

- a. Absence of any abnormal or excessive wear, damage including cuts, tears, bump, bulge, and/or knot which may adversely affected apparatus handling and/or control.
- b. Absence of any leakage of pressure at the time of inspection.

9. Wheels, Rims, and Hubs

- a. Absence of any bent, broken, cracked, improperly seated, or mismatched wheels, rims, rings, and/or hubs.
- b. Absence of any welded wheels, rims, and/or hubs.

I, _____ (Print Name), have inspected the vehicle listed below and have found it to be in compliance with the standards and/or references as printed in this document.

Make: _____

Model: _____

VIN: _____

Signature: _____ Date: _____

Certification: ASE _____ EVT _____

IF APPARATUS TYPE IS INCLUDED IN NFPA 1901 IT MUST BE COMPLIANT ACCORDING TO THE STANDARD AT THE TIME OF MANUFACTOR FOR PUMP, TANK, CHASSIS, AND LIGHTING. THIS REQUIREMENT DOES NOT INCLUDE THE EQUIPMENT REQUIREMENT.