



**In-Service Apparatus
Inspection Proposal**

For

**Fire Departments, Fire Districts,
Municipalities, and Private Industry**

Big Red Trucks Fire Apparatus Consultants Inc.

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Apparatus and Fleet Review

The Fleet Review will consist of an inspection conducted on each of the in-service vehicles that the Fire District, Fire Department, or Municipality chooses. This can be an inspection of a single vehicle or multiple vehicles. The inspection will consider the general condition of each vehicle inspected with a broad look at the overall vehicle/fleet condition and age. The following items will be included in the analysis:

- Physical inspection of each chosen apparatus or response vehicle focusing on the general condition of the vehicle. Obvious physical and mechanical deficiencies will be noted. This inspection is **not** a mechanical inspection that would satisfy any federal, state, or local vehicle inspection requirements or any of the NFPA inspection and/or testing requirements.
- Review of vehicle records to determine the frequency of repairs, out of service time, and annual test performance/results for each vehicle inspected.
- Comparison of the current NFPA 1901 guidelines to the vehicle or fleet.
- Comparison of the ISO guidelines to the current vehicle or fleet.
- Written report detailing the condition of each vehicle and summarizing the general condition of the fire department response vehicles inspected.

It should be noted that the inspections performed on each apparatus are a review of general mechanical and physical conditions. These inspections are not a substitute for or meant to satisfy any DOT, NFPA or manufacturer required inspection, test or maintenance procedure.

Specifically, the vehicle brake systems will not be inspected as part of this process. However, any obvious brake system deficiencies observed would be noted in the report.

The fee for this service would be based on the vehicles inspected, broken down into the following categories, which includes the inspection and written reports.

Inspection Type
Vehicles with a gross vehicle weight (GVW) less than 16,000 pounds.
Vehicles with a GVW between 16,001 pounds and 19,500 pounds.
Vehicles with a GVW between 19,501 pounds and 54,000 pounds.
Vehicles with a GVW greater than 54,000 pounds or any vehicles with tandem rear axles.
Any type of aerial device, non-quint.
Any type of quint apparatus.

Contact BRTFAC For Pricing

The person performing the actual inspection(s) would be an experienced fire apparatus mechanic and Emergency Vehicle Technician Commission (EVTCC) certified.

Travel Services and Accommodations

BRTFAC does not bill travel time on a portal-to-portal basis. We bill for travel related expenses and transportation costs associated with travel expenses to conduct the inspections:

- Airfare, round trip
- Mileage
- Parking, if applicable
- Tolls, if applicable
- Ground Transportation
- Hotel Accommodations
- Meals - Per Diem

Travel expenses are billed at actual cost and any discounts received are passed along to the customer.

Additional Services

Should the customer request **BRTFAC** to perform additional services beyond what is detailed in this proposal that work would be billed at our hourly rate. We would be happy to discuss the scope of any additional work requested and provide the customer with a fixed amount.

Summary

Since **BRTFAC** is an independent party that is not affiliated with any dealer or manufacturer, our written reports can help justify a Fire Department's or District's request for funding new purchases or help identify the scope of work needed for an apparatus refurbishment.

In addition to in-service apparatus inspections, we also offer new apparatus inspections both mid-process and final inspections. Because of travel restrictions during the pandemic, **BRTFAC** associates performed numerous factory final inspections for fire departments, apparatus dealers and their customers. Because of these inspections, **BRTFAC** has developed a thorough, efficient and complete inspection procedure that has been appreciated by the customer. **BRTFAC** welcomes the opportunity to discuss our inspection services with you.

Bio

I am a retired Captain from the Scarsdale, NY Fire Department, starting as a Volunteer Firefighter in 1975 and hired as a Professional Firefighter in 1980. Since the start of my career, I was involved in all apparatus acquisitions for the fire department. These duties encompassed all aspects of the apparatus purchase process from needs assessment, through specification writing, and putting the finished apparatus in service.

Coming from a smaller fire department has given me unique insight into the needs and design requirements of departments that operate with limited manpower. Have been involved in several apparatus refurbishment projects over the years and this has given me excellent firsthand knowledge of the pros and cons of this approach.

I am also a fire apparatus mechanic and hold certifications from Detroit Diesel, Allison Transmission, Hale Pump, Sutphen Fire Apparatus, Spartan Chassis, Smart Power, and is certified by the Emergency Vehicle Technician Certification Commission in six areas. Maintenance, Inspection, and Testing of Fire Apparatus (F-1), Design and Performance Standards of Fire Apparatus (F-2), Fire Pumps and Accessories (F-3), Aerial Fire Apparatus (F-5), Allison Automatic Transmissions (F-6) and Hydraulic Systems (F-8).

