



Potential Causes of Vehicle Fires

Purpose: To place emphasis on maintenance procedures that may prevent a vehicle fire to eliminate, potential injury to the vehicle occupant(s), the loss of equipment and possible damage or loss of our customer's mail.

Responsibility: Manager, Fleet Maintenance, Fleet Management, VMF Managers, All VMF Employees.

There are many causes of a potential vehicle fire. Listed below are action items that could possibly prevent a vehicle fire, or if a vehicle fire occurs minimize potential injury and damage.

- Fuel lines; thoroughly inspect all fuel lines for leaks or deterioration.
- Fuel system components; thoroughly inspect repairs to fuel system components for potential leaks after any repair or component replacement has been completed.
- Thoroughly inspect all brake, transmission, hydraulic, and power steering lines for leaks or deterioration.
- Thoroughly inspect all driveline components for leaks that could potentially come into contact with hot surfaces.
- Thoroughly inspect repairs to any fluid system components for potential leaks after any repair or component replacement has been completed.
- Inspect battery cables and connections to ensure connections are tight, proper insulation is intact and does not show signs of deterioration.
- Inspect engine component, body wiring harnesses, and connections to ensure proper installation.
- Ensure all wiring and battery cables, when passing through metal brackets, are routed and secured properly, and insulated; replace sharp edged battery cable brackets with cushioned p-clamp P/N 11610327.
- Proper Wire Loom casing should be used whenever an electrical harness or battery cable may come into contact with metal surfaces.
- Ensure dimming dash lights are disabled; if LLV has dimming dash lights install pigtail P/N 12102660 to disable this function.

While repair and maintenance of our Postal Owned fleet will not prevent all vehicle fires, attending to the causes listed above will significantly reduce them.