

Standard Operating Procedure	NO: 04-02-09
Scriba Volunteer Fire Department Scriba, NY	Date: 04/15/2017
Topic: Operations	Page 1 of 1
Title: PLYMOVENT SYSTEM	Revision: 0 Date:

Purpose

To ensure that all Department members are protected from exposure to vehicle exhaust emissions in the apparatus bay area, and to prevent contamination of the work, storage, and living areas.

Scope:

This policy applies to the Plymovent exhaust removal system. This policy covers normal operation of the system when apparatus is moving in/out of the station and while parked in the station during routine maintenance or training.

Policy:

All Department vehicles that can use the Plymovent system shall do so when the engine is running in apparatus bays. This includes leaving or entering the bay and apparatus checks.

Responsibility:

It is the responsibility of all members to ensure that this policy is understood and followed.

Procedure:

1. The Plymovent coupling shall be in good working order and attached to the exhaust of all Department vehicles adapted for its use.

2. The officer/ senior member shall ensure that the system is used any time a vehicle exits or returns to the apparatus bay or any time a vehicle motor is run inside the apparatus bay.

3. The driver of any vehicle shall exit the station at a safe speed to allow the coupling nozzle to disconnect from the vehicle exhaust tailpipe in a safe manner and without causing the coupling to hit the apparatus door frame or to be violently whipped about in the apparatus floor area.

4. When returning to the station, the Plymovent coupling shall be reconnected to the vehicle exhaust pipe within the first 12 inches of the door threshold. This shall be done as follows;
 - A. The vehicle will pull onto the apron and line up with the bay door.
 - B. The officer and one designee will exit the vehicle. The officer will proceed to the driver's side of the vehicle and the other member will retrieve the Plymovent hose.
 - C. The officer will guide the vehicle back until the hose can be coupled to the exhaust. The vehicle will then come to a stop.
 - D. The connection will be made by lining the white arrow on the coupling with the 12 o'clock position on the tail pipe.
 - E. Once the coupling is made the crew member will step back away from the vehicle and verbally signal the spotter he is clear. Once this is done the vehicle will be backed in to its final position.
 - F. If at any time the driver loses sight of either member he shall come to an emergent stop.

5. The Plymovent fan will turn-on automatically for three minutes any time a vehicle is started or the brake is applied. If a longer run time is needed, the fan shall be turned-on and off manually.
 - A. The vehicle can be run indefinitely at an idle provided the fan is run.
 - B. Operation of vehicle motors above idle speed while stationary in the fire station shall be limited to a maximum of 1500 RPM's and 5 minutes of run time.