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|  | APPARATUS BAY EXHAUST SYSTEM | | 2015revA |
| | AUTHORED BY: Lt. Bobby Bartlett | FESSAM # 7F.4 | EFFECTIVE DATE: 7/1/2015 |
| | APPROVED BY: Fire Chief Mark Miller <i>Mark Miller</i> | | REVISION DATE: 7/1/2018 |

Procedure:

1. The Plymovent coupling shall be in good working order and attached to the exhaust of all department vehicles adapted for its use.
 - a. The engineer or driver of the vehicle will ensure the system is connected and operational at the beginning of their shift.
2. The officer shall ensure that the system is used any time the vehicle exits or returns to the apparatus bay or anytime a vehicle motor is running inside the apparatus bay.
3. The driver of any vehicle shall exit the station at a safe speed to allow the Plymovent 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 bay.
4. Upon returning to the station, the firefighter shall retrieve the Plymovent exhaust hose and bring it to the inside threshold of the overhead door, guiding the vehicle into the station (the Firefighter must wear the wireless headset and be visible to the driver at all times). The Firefighter shall stop the driver when the exhaust pipe of the vehicle is at the inside threshold of the overhead door.
5. The firefighter shall make the hookup of the Vehicle Exhaust Removal System when the vehicle stops. This procedure is as follows:
 - a. Stand at the inside threshold of the overhead door with the exhaust hose in front of you.
 - b. Attach the magnetic Plymovent coupling onto the tailpipe adapter of the vehicle.
 - c. Guide the apparatus into its designated parking spot.

Exception: For safety, the officer may choose to exit the apparatus and either hook up the Plymovent or direct the vehicle into its designated parking spot.

Non-Moving systems:

This section is for stations that do not have the Plymovent exhaust system installed. For fire stations that do not have systems that connect directly to the apparatus, the systems must remain in the on position at all times. If for some reason a vehicle is going to be running in the bay, the exhaust system must be manually placed in the on position. The exhaust system must be running for the entire time the vehicle is running and shall remain running for a minimum of 5 minutes after the vehicle has been shut off.

Definitions:

Plymovent - Exhaust removal system for department vehicles.

Plymovent Coupling - The magnetic attachment component of the system that attaches to the exhaust pipe of department vehicles.

Revision History:

- 9/1/15 Update formatting, no change in content (Pollema)

References:

Plymovent Vehicle Exhaust Systems (2010, July). *Cumru Township Fire Department Policies*, section 10.1, p.1-2. http://www.cumrutownship.com/images/10.1_PlymoventExhaustSystems.pdf

Plymovent System Operations (2014, March). *Des Plaines Fire Department Operations Manual*, Section P901, p.1-3. <http://websites.firecompanies.com/dpfdtraining/files/2014/08/Backing-and-Plymovent.pdf>