

<i>PARKING DECK FIRES</i>		TROY FIRE DEPT. TACTICAL PLAN 208.16
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This plan will outline the basic operational procedures to be followed for vehicle fires within commercial parking decks. This plan may be modified by the Incident Commander as necessary.

INCIDENT RESPONSE

The time and day of the response can indicate the number of vehicles that may be present. The more vehicles present, the greater the exposure problem and the greater the fire load hazard. The location and the level of the vehicle(s) involved may present a challenge for firefighters to gain access and deploy equipment to effectively fight the fire. The Incident Commander may want to consider upgrading the assignment to a Box Alarm for additional resources.

ARRIVAL AT THE INCIDENT

The first arriving officer or senior firefighter shall perform a preliminary size up to determine the location and extent of the fire; establish command; switch radio communications to an appropriate tactical channel; assign a staging location; determine the appropriate method of access; and initiate a fire attack.

The first-arriving apparatus must prepare to connect to the FDC and to a hydrant in order to either support the sprinkler system, if present, and/or to supply the standpipe system with water. Other arriving apparatus and POVs shall stage.

ASSIGNMENTS

In order to effectively manage the incident, the IC shall assign crews in accordance with the Incident Command System including but not limited to fire attack; water supply; ventilation; and staging.

CONSIDERATIONS

- Vehicle Fire Location: Above or below grade level. Interior or perimeter space.
- Access Method: Stairwells or ladder truck. Security vehicle or POV.
- Equipment deployment: High rise hose kit(s); SCBA; fan/blower; hand tools; fire extinguisher(s); rope.
- Fire protection: Automatic sprinklers or standpipes. Control valve location if present.
 - Time necessary to charge the standpipe system and get water on the fire.

PROCEDURES

- Connect to the FDC and to a hydrant.
 - Connect to the FDC using two 2 ½" hoses of minimum required length.
 - Connect to the hydrant using one 5" hose of minimum required length.

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- Remove kinks to ensure adequate flow and pressure.
- Confirm Class “A” foam is turned OFF at apparatus, unless/until requested.
- Support automatic fire sprinkler system and/or supply standpipe system.
 - Open valve in riser room, if applicable, to supply standpipe system.
 - Set apparatus pump pressure at 150 psi. DO NOT EXCEED 200 PSI.
 - Allow time for water to fill entire standpipe system.
- Determine access method.
 - Above grade:
 - Security vehicle, if present.
 - POV.
 - Stairwell(s).
 - Ladder truck.*
 - Below grade:
 - Stairwell(s).
 - POV, depending on visibility.
- Deploy equipment:
 - SCBA and spare bottles.
 - High-rise hose kit(s).
 - Forcible entry tools.
 - Blower(s) and/or fan(s).
 - Portable fire extinguisher(s).
 - Wheel chocks.
- Secure area:
 - Security or PD to block traffic.
 - Prevent vehicles from entering/exiting the affected level(s).
 - Prevent pedestrians from entering the affected level(s).
- Fire attack
 - Connect hose to closest standpipe outlet for fire attack.
 - Open standpipe valve to flush system before connecting hose.
 - Attack from uphill side if possible.
- Smoke control:
 - Remove smoke as quickly as possible.
 - Smoke evacuation system, if present.
 - Blower(s) and/or fan(s).
 - Prevent smoke migration into attached structure as necessary.

**Ladder truck may be used as an alternate means of ascent. Waterway on aerial platforms may be used as a standpipe.*

APPROVED:

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