

Santa Barbara City Fire Department - Standard Operating Procedures Apparatus and Equipment Operations		Code: A-II-1
Apparatus 2400		
Chpt: II Frontline Apparatus	Revised: 4/4/13	Pages: 2

I. PURPOSE

A. To provide specifications and operating procedures for this specific apparatus.

II. SPECIFICATIONS

A. 2007 Spartan Hi-Tech

B. Engine: Series 60 6 cylinder Detroit Diesel Engine, 455 HP

C. Allison EVS 4000 Automatic

D. Pump: 1500 GPM “Q MAX 150” Hale single stage Centrifugal pump.

E. Water tank 750 gallons.

F. GVW: Approximate weight 37,800 (3/4/13)

G. Hose Complement

1. 4” : 600 feet in hose bed, 24 foot fill hose
2. 2 ½” : 1200 feet in hose bed
3. 1 ¾” : 500 feet (150 and 275 preconnect) and 75’ highrise hose pack
4. 1 ½” : 800 feet
5. 1” : 400’
6. 3” : Soft suction on each side of engine.



III. OPERATIONS

A. To Start

1. Turn on master switch. (Located on left side of steering column, the far left switch)
2. Turn on ignition switch. (Located just to the right of the master switch.)

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3. Press the single start button (located below the master switch)

B. To Pump

1. Place apparatus where appropriate, put in Neutral, Parking Brake on. (Parking brake must be on in order to place in pump)
2. Switch transmission from Road to Pump.
 - a) Pull yellow knob (located to your lower left, below dash) down to 2nd position, wait for hissing of air to stop.
 - b) Pull knob down to bottom position, check that green light comes on.
3. Put transmission into Drive using the shifting pad located to the right.
4. Exit cab and go to pump panel. Refer to [SOP T-II-3](#)
5. Turn on panel light (located below pre-connects).
6. Turn on radio switch (located on your upper right, below radio).
7. Open tank to pump if appropriate (located right side, mid-panel).
8. Place chock blocks (located in front of rear duals).
9. Proceed with hoselay.

C. To Use Ladder Rack

1. Master switch must be on to operate ladder rack.
2. Check that there is space to lower the rack
3. To lower or raise the rack, flip up small red cover plate (located on captain side panel) and operate switch up or down.
4. Place cones to protect extended rack.

[INVENTORY LIST](#)