

# DISTRICT 33K EYEMOBILE DRIVER'S MANUAL



**DISTRICT 33K LIONS EYEMOBILE,  
INC.**



## **GENERAL**

### **DRIVER RESPONSIBILITY**

You, the driver, is responsible for delivering the Eyemobile in a safe manner to the sponsoring Club, setting up the vehicle and equipment on arrival at the screening site, stowing all equipment on conclusion of the screenings, and returning the Eyemobile to its storage site. Unless prior arrangements have been made, you are expected to remain with the Eyemobile during the screening and provide assistance as needed. You are the Eyemobile representative and responsible for the unit before, during and after the screening. Do not allow the sponsoring Club to misuse the equipment or operate outside of Eyemobile policy. Only the designated driver may move the vehicle. It is strongly recommended that you bring a co-pilot.

### **CLUB RESPONSIBILITY**

The sponsoring Club is responsibly for obtaining the screening site, the necessary persons to staff the event and to perform the screenings. The Club is also responsible for cleaning the Eyemobile and site after the event. The Club is responsible for getting permission and necessary permits to conduct the screenings.

### **PRIOR TO SCREENING DATE**

You are responsible for confirming the location and hours with the sponsoring Club at least one week before the screening date. Let the Club know that a minimum of 50 ft. long by 25 ft. wide space is required and that the surface must be reasonably level. If you have not been notified of a contact in the sponsoring Club, call the Eyemobile scheduler.

### **TRAVEL ROUTE**

Review the travel route beforehand and be mindful of any roads that might restrict this type of vehicle, Known restrictive roads include Storrow Drive, Memorial Drive, Jamaica Way, and Arbor Way .

### **BRIDGE CLEARANCE**

The Eyemobile requires a minimum of 12' – 2" height clearance. Posted heights may not be accurate. Repaving of roads may decrease the posted height clearance. If in doubt, check before driving under a bridge. Don't take any chances. A list of known bridges with less than the required vertical clearance is posted on the bulletin board behind the front passenger seat.

### **DRIVER'S CHECK LIST**

You are responsible for completing the driver's check list. Copies may be found in the wall mounted rack behind the front passenger seat. The check list is to be completed prior to leaving the storage site, at the completion of the screenings and on return to the storage site. Note any and all discrepancies and damage unless it is absolutely certain that it has been reported previously. Notify any officer or director immediately if a dangerous condition exists. Mail the completed check list. Preaddressed, stamped envelopes are provided in the wall mounted rack.

### **DRIVING COURTESY**

The Eyemobile is an extremely large vehicle that requires much room to operate and to stop. Always give other vehicles the right of way. Do not drive aggressively.

### **MANUALS**

Manuals for the vehicle and vehicle equipment are located in the overhead compartment in front of the driver. Manuals for the medical screening equipment are located in the overhead compartment nearest the equipment.

### **HANDICAP ACCESSABILITY**

The Eyemobile is not handicap accessible. It is exempt from the American Disability Act since it is a federally recognized tax exempt entity that provides a free service. Clients must be able to navigate stairs. If unable to do so and clients still wish to be screened, comparable, free screenings will be provide at an alternative site and date. The sponsoring Club should be asked to provide the alternative screenings. If this is not possible, then the Eyemobile will provide the service. Submit the clients name, address, and phone number to any Eyemobile officer or director.

### **AUTHORIZED SCREENINGS**

The Board of Directors has authorized the following non invasive screenings:

1. Visual acuity
2. Internal eye pressure (puff tonometer)
3. Non dilated retinal exam (retinal camera or ophthalmoscope)

3. Blood pressure
4. Hearing

The sponsoring Club may choose to perform all the screenings or omit some. It is their decision. Additional screenings may be added with prior Eyemobile Board of Directors approval.

#### **SCREENING FORM**

Screening forms for clients are provided at no charge to the sponsoring Club. They are kept in the wall mounted rack behind the front passenger seat and under the bench behind the front passenger seat. The form is made of three parts. The white original is given to the client, the pink to the sponsoring Club and the yellow is for Eyemobile use. You are responsible to make certain the yellow copies remain in the Eyemobile. If the sponsoring Club prefers to use their own form, then you must record the number of clients screened and number pass/failed at each screening, as a minimum.

#### **VEHICLE**

##### **VEHICLE STATISTICS**

The Eyemobile is 38 feet 6 inches long, 12 feet 2 inches high and 8 feet 6 inches wide and weights 19,500 lbs.

##### **FUEL (GASOLINE)**

Refuel the vehicle whenever the tank is less than ½ full using 89 minimum octane rating gasoline. The Eyemobile has a charge account at Exxcel Gas Station located on route 126 in Ashland. If refueling at another station, pay and obtain a receipt. You will be reimbursed.

##### **EMERGENCY START**

If the engine will not start due to a weak or dead battery, the following procedure may start the engine.

1. Turn the Auxiliary Battery Switch ON. The switch is located on the right side of the steering wheel.
2. Start the generator. The switch is located on the right side of the steering wheel.
3. Press and hold the Auxiliary Start MOM switch. It is located on the left side of the steering wheel.
4. Depress the brake pedal.
5. Turn the ignition switch to the START position.

If the engine will still not start, then both the main and auxiliary batteries are weak or dead.

##### **WHEEL CHOCKS**

On arrival at the screening site, wheel chocks must be placed under either both front or both rear wheels depending on the incline of the street. Place the chocks on the down hill side to prevent the vehicle from rolling down hill. The chocks are located in compartment 4.

##### **LEVELING UNIT**

The Eyemobile must be leveled prior to use. Instructions for leveling may be found either on the bulletin Board or in the manual compartment. Place wooden blocks under all four feet prior to leveling. Some feet may require more than one block depending on the incline of the street. The blocks may be found in compartment 4.

##### **AIR CONDITIONING UNITS**

There are two A/C units and two thermostats, one front and one rear. Both units may be used if the internal generator is being used to provide power. Only use one A/C unit if an external power source is being used. Most external power sources have a 20 amp capacity and will trip if both A/C units are used. A 30 amp source is needed to run both units. The thermostats are located on the left side wall of the blood pressure screening station and on the left side of the tonometer station.

##### **HEATING UNIT**

The heating unit is powered by the vehicle 12 VDC system. Open the propane supply valve located in the compartment 2. Make sure the 12 VDC main electrical switch is ON. See ELECTRICAL SYSTEMS. Set the thermostat to HEAT and set the thermostat temperature. The thermostat is located on the left side wall of the blood pressure screening station. At the conclusion of the screenings, close the propane supply valve.

## **ELECTRICAL SYSTEMS**

The Eyemobile has three separate electrical systems - a 12 VDC for the engine, a 12 VDC for the interior of the vehicle and a 120VAC systems . There are two electrical circuit breaker panels on the left side of the front entryway. The top panel services the 12 volt interior distribution system and the bottom panel services the 120 VAC system

1. The 12 volt engine system is powered by a single 12 volt battery in compartment 3. It is the most forward battery. This is your standard vehicle electrical system that provides electrical power for the engine, instrument panel and associated circuits.
2. The 12 volt interior system is powered by two 12 volt batteries in compartment 3. They are the two most rearward batteries. This provides electrical power for the inside of the Eyemobile including lighting and heating. The main ON/OFF switch is located on the bottom of the left side as you enter the front door.
3. The 120 volt system can be powered by either connecting to an exterior 120 VAC system or by the vehicle generator. There is a transfer switch, located in the driver side rear compartment 8 that connects to either an external source or the generator. Always check the position of the transfer switch. This system provides power to the 120 volt receptacles located throughout the interior and exterior of the vehicle and the air conditioning units. The visual acuity machines, tonometer, retinal camera and hearing booth are powered by this system.

## **HEARTH INTERFACE PANEL**

The Hearth interface panel is located on the left side of the blood pressure screening compartment. The unit must be ON at all times. The interface is part of the inverter and interior battery charging system. It allows constant charging of the two 12 volt interior batteries during normal operation of the Eyemobile.

## **120 VAC ELECTRIC SYSTEM MALFUNCTION**

If there is not any power to the 120 VAC electric receptacles, first check the transfer switch located in a driver side rear compartment 8. Make sure it is in the proper mode.

If there still isn't power, check the lower circuit breaker panel located on the left side (as you enter) of the front entry way. Reset any circuit breaker that has tripped.

If you are using the generator to supply power, and there still isn't any power, check two circuit breakers located on the lower right side of generator in compartment 9. They are difficult to find. Reset if necessary.

If you are using external power, make sure the extension cords are plugged in. As a last resort, convert to generator power and reset the transfer switch.

Lastly check the exterior receptacles. They have ground fault protection. Reset if necessary.

The test equipment has it's own ON/OFF switch, make sure they are all ON.

**The mission of District 33K Lions Eyemobile, Inc.  
is to provide free health screenings to the residents of  
Massachusetts through local Lions Clubs.**

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