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The present invention relates to a vehicle toolbox, and particularly to a toolbox that is supported on a lumen of a vehicle and readily accessible when the lumen is open. An average driver must stop at least once a week to change a tire. Because most drivers spend money on new tires, it is beneficial to reduce the cost of the time spent changing a tire. Tire service tools such as tubes and deflating tools are often stored in the trunk of a vehicle while the tire is being changed. However, such storage may require the removal of one or more items from the trunk. Also, even if the tools are stored in a toolbox, the tools must be retrieved from the toolbox and then stored in the trunk. In view of the above, a vehicle toolbox with a convenient and cost effective manner for storage of various tire changing tools is desired. A preferred embodiment of the present invention relates to a vehicle tire toolbox that may be mounted to a variety of vehicles with different axle arrangements. The tire toolbox includes a foam material having a rectangular cavity and a web between the wall of the cavity and the foam material. The web is cut to form a recessed lumen, which may be formed in the cavity and/or in the foam material. The web is preferably cut in a pattern that allows the lumen to be covered by a flexible lid that covers the web. The lid may be mounted to the cavity using any suitable fastening means. The lid may be mounted directly to the foam material of the cavity. Alternatively, the lid may be mounted to a frame that is attached to the cavity or foam material. When the lid is mounted, the lid may be covered with a cover that protects the contents of the cavity from damage and allows the lid to be removed for access to the tools contained in the cavity. In some embodiments, the cavity and/or the foam material may be cut to form an access opening. The access opening may be covered by a door that may be mounted to the cavity. When the door is mounted, the door may be removed to allow access to the contents of the cavity through the access opening. Another embodiment includes a wood pallet that is mounted within the cavity. The pallet and the cavity may be mounted to a vehicle using any suitable fastening means. The invention may be utilized to store other automotive tools such as carpet strips, jack/tools, jump spark plugs, nuts, bolts, and the like. The invention is a

