

(b) Every motorcycle, and bicycle with motor attached, when operated upon a highway shall be equipped with at least one brake, which may be operated by hand or foot.

(c) Every trailer or semi-trailer of a gross weight of 3,000 pounds or more when operated upon a highway shall be equipped with brakes adequate to control the movement of and to stop and to hold such vehicle and so designed as to be applied by the driver of the towing motor vehicle from its cab. Every such new trailer or semi-trailer hereafter sold and operated upon the highways of this State shall have brakes so designed and connected that in case of accidental breakaway of the towed vehicle the brakes thereon shall be automatically applied, and remain applied for not less than ten minutes.

(d) Every new motor vehicle, trailer, or semi-trailer hereafter sold and operated upon the highways of this State, shall be equipped with service brakes upon all wheels of every such vehicle, except any motorcycle, and except that any semi-trailer of less than 1,500 pounds gross weight need not be equipped with brakes.

### 233. PERFORMANCE ABILITY OF BRAKES.

(a) The service brakes upon any motor vehicle or combination of vehicles shall be adequate to stop such vehicle or vehicles when traveling twenty (20) miles per hour within a distance of thirty (30) feet when upon dry asphalt or concrete pavement surface free from loose material where the grade does not exceed one (1%) per cent.

(b) Under the above conditions the hand brake shall be adequate to stop such vehicle or vehicles within a distance of fifty-five (55) feet and said hand brake shall be adequate to hold such vehicle or vehicles stationary on any grade upon which operated.

(c) All braking distances specified in this section shall apply to all vehicles mentioned, whether such vehicles are not loaded or are loaded to the maximum capacity permitted under this Article.

(d) All brakes shall be maintained in good working order and shall be so adjusted as to operate as equally as practicable with respect to the wheels on opposite sides of the vehicle.

234. HORNS AND WARNING DEVICES. (a) Every motor vehicle when operated upon a highway shall be equipped with a horn in good working order and capable of emitting sound audible under normal conditions from a distance of not less than 200 feet, but no horn or other warning devices shall