

337.18 MOTOR VEHICLE AND MOTORCYCLE BRAKES.

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OH

Sheffield Lake

Codified Ordinances of Sheffield Lake, OH

337.18 MOTOR VEHICLE AND MOTORCYCLE BRAKES.

CHAPTER 337 Safety and Equipment

337.16 NUMBER OF LIGHTS; LIMITATIONS ON FLASHING, OSCILLATING OR ROTATING LIGHTS.

(a) Whenever a motor vehicle equipped with headlights also is equipped with any auxiliary lights or spotlight or any other light on the front thereof projecting a beam of an intensity greater than 300 candle power, not more than a total of five of any such lights on the front of a vehicle shall be lighted at any one time when the vehicle is upon a highway.

(b) Any lighted light or illuminating device upon a motor vehicle, other than headlights, spotlights, signal lights or auxiliary driving lights, that projects a beam of light of an intensity greater than 300 candle power, shall be so directed that no part of the beam will strike the level of the roadway on which the vehicle stands at a distance of more than seventy-five feet from the vehicle.

(c) (1) Flashing lights are prohibited on motor vehicles, except as a means for indicating a right or left turn, or in the presence of a vehicular traffic hazard requiring unusual care in approaching, or overtaking or passing.

(2) The prohibition in subsection (c)(1) of this section does not apply to any of the following:

- A. Emergency vehicles, road service vehicles servicing or towing a disabled vehicle, stationary waste collection vehicles actively collecting garbage, refuse, trash or recyclable materials on the roadside, rural mail delivery vehicles, vehicles as provided in Ohio R.C. 4513.182, highway maintenance vehicles, and similar equipment operated by state or local authorities, provided such vehicles are equipped with and display, when used on a street or highway for the special purpose necessitating such lights, a flashing, oscillating or rotating amber light;
- B. Vehicles or machinery permitted by Ohio R.C. 4513.111 to have a flashing red light;
- C. Farm machinery and vehicles escorting farm machinery, provided such machinery and vehicles are equipped with and display, when used on a street or highway, a flashing, oscillating or rotating amber light. Farm machinery also may display the lights described in Ohio R.C. 4513.111.
- D. A funeral hearse or funeral escort vehicle, provided that the funeral hearse or funeral escort vehicle is equipped with and displays, when used on a street or highway for the special purpose necessitating such lights, a flashing, oscillating or rotating purple or amber light;
- E. A vehicle being used for emergency preparedness, response, and recovery activities, as those terms are defined in Ohio R.C. 5502.21, that is equipped with and displays, when used on a street or highway for the special purpose necessitating such lights, a flashing, oscillating, or rotating amber or red and white light, provided that the vehicle is being operated by a person from one of the following and the vehicle is clearly marked with the applicable agency's or authority's

insignia:

1. The Ohio Emergency Management Agency;
2. A countywide emergency management agency established under Ohio R.C. 5502.26;
3. A regional authority for emergency management established under Ohio R.C. 5502.27;
4. A program for emergency management established under Ohio R.C. 5502.271.

(3) Subsection (c)(1) of this section does not apply to animal-drawn vehicles subject to Ohio R.C. 4513.114.

(d) (1) Except a person operating a public safety vehicle, as defined in Ohio R.C. 4511.01(E), an emergency management agency vehicle, as described in subsection (c)(2)E. of this section, or a school bus, no person shall operate, move, or park upon, or permit to stand within the right-of-way of any public street or highway any vehicle or equipment that is equipped with and displaying a flashing red or a flashing combination red and white light, or an oscillating or rotating red light, or a combination red and white oscillating or rotating light.

(2) Except a public law enforcement officer, or other person sworn to enforce the criminal and traffic laws of the state, operating a public safety vehicle when on duty, no person shall operate, move, or park upon, or permit to stand within the right-of-way of any street or highway any vehicle or equipment that is equipped with, or upon which is mounted, and displaying a flashing blue or a flashing combination blue and white light, or an oscillating or rotating blue light, or a combination blue and white oscillating or rotating light.

(e) This section does not prohibit the use of warning lights required by law or the simultaneous flashing of turn signals on disabled vehicles or on vehicles being operated in unfavorable atmospheric conditions in order to enhance their visibility. This section also does not prohibit the simultaneous flashing of turn signals or warning lights either on farm machinery or vehicles escorting farm machinery, when used on a street or highway.

(f) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.17)

337.17 FOCUS AND AIM OF HEADLIGHTS.

(a) No person shall use any lights mentioned in Section 337.02 to 337.16, inclusive, upon any motor vehicle, trailer or semitrailer unless the lights are equipped, mounted and adjusted as to focus and aim in accordance with State regulations.

(b) The headlights on any motor vehicle shall comply with the headlamp color requirements contained in federal motor vehicle safety standard number 108, 49 C.F.R. 571.108. No person shall operate a motor vehicle in violation of this subsection.

(c) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.19)

337.18 MOTOR VEHICLE AND MOTORCYCLE BRAKES.

(a) The following requirements govern as to brake equipment on vehicles:

(1) Every motor vehicle, other than a motorcycle, when operated upon a street or highway, shall be equipped with brakes adequate to control the movement of and to stop and hold such motor vehicle, including two separate means of applying the brakes, each of which means shall be effective to apply the brakes to at least two wheels. If these two separate means of applying the brakes are connected in any way, then on such motor vehicles manufactured or assembled after January 1, 1942, they shall be so constructed that failure of any one part of the operating mechanism shall not leave the motor vehicle without brakes on at least two wheels.

(2) Every motorcycle, when operated upon a street or highway, shall be equipped with at least one adequate brake, which may be operated by hand or by foot.

(3) Every motorized bicycle shall be equipped with brakes meeting the rules adopted by the Ohio Director of Public Safety under Ohio R.C. 4511.521.

(4) When operated upon the streets or highways of this Municipality, the following vehicles shall be equipped with brakes adequate to control the movement of and to stop and to hold the vehicle designed to be applied by the driver of the towing motor vehicle from its cab, and also designed and connected so that, in case of a breakaway of the towed vehicle, the brakes shall be automatically applied:

A. Except as otherwise provided in this section, every trailer or semitrailer, except a pole trailer, with an empty weight of two thousand pounds or more, manufactured or assembled on or after January 1, 1942;

B. Every manufactured home or travel trailer with an empty weight of two thousand pounds or more, manufactured or assembled on or after January 1, 2001.

(5) Every watercraft trailer with a gross weight or manufacturer's gross vehicle weight rating of three thousand pounds or more that is manufactured or assembled on or after January 1, 2008, shall have separate brakes equipped with hydraulic surge or electrically operated brakes on two wheels.

(6) In any combination of motor-drawn trailers or semitrailers equipped with brakes, means shall be provided for applying the rearmost brakes in approximate synchronism with the brakes on the towing vehicle, and developing the required braking effort on the rearmost wheels at the fastest rate; or means shall be provided for applying braking effort first on the rearmost brakes; or both of the above means, capable of being used alternatively, may be employed.

(7) Every vehicle and combination of vehicles, except motorcycles and motorized bicycles, and except trailers and semitrailers of a gross weight of less than 2,000 pounds, and pole trailers, shall be equipped with parking brakes adequate to hold the vehicle on any grade on which it is operated, under all conditions of loading, on a surface free from snow, ice or loose material. The parking brakes shall be capable of being applied in conformance with the foregoing requirements by the driver's muscular effort or by spring action or by equivalent means. Their operation may be assisted by the service brakes or other sources of power provided that failure of the service brake actuation system or other power assisting mechanism will not prevent the parking brakes from being applied in conformance with the foregoing requirements. The parking brakes shall be so designed that when once applied they shall remain applied with the required effectiveness despite exhaustion of any source of energy or leakage of any kind.

(8) The same brake drums, brake shoes and lining assemblies, brake shoe anchors, and mechanical brake shoe actuation mechanism normally associated with the wheel brake assemblies may be used for both the service brakes and the parking brakes. If the means of applying the parking brakes and the service brakes are connected in any way, they shall be so constructed that failure of any one part shall not leave the vehicle without operative brakes.

(9) Every motor vehicle or combination of motor-drawn vehicles shall be capable at all times and under all conditions of loading of being stopped on a dry, smooth, level road free from loose material, upon application of the service or foot brake, within the following specified distances, or shall be capable of being decelerated at a sustained rate corresponding to these distances:

From a speed of 20 miles per hour

Stopping distance in feet

Deceleration in
feet per second
per second

Brakes on all wheels

30

14

Brakes not on all four wheels

40

10.7

(10) 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. (ORC 4513.20)

(b) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.99)

337.19 HORN, SIREN AND THEFT ALARM SIGNAL.

(a) Every motor vehicle when operated upon a street shall be equipped with a horn which is in good working order and capable of emitting sound audible, under normal conditions, from a distance of not less than 200 feet.

(b) No motor vehicle shall be equipped with, nor shall any person use upon a vehicle, any siren, whistle or bell. Any vehicle may be equipped with a theft alarm signal device which shall be so arranged that it cannot be used as an ordinary warning signal. Every emergency or public safety vehicle shall be equipped with a siren, whistle or bell capable of emitting sound audible under normal conditions from a distance of not less than 500 feet and of a type approved by the Ohio Director of Public Safety. Such equipment shall not be used except when such vehicle is operated in response to an emergency call or is in the immediate pursuit of an actual or suspected violator of the law, in which case the driver of the emergency or public safety vehicle shall sound such equipment when it is necessary to warn pedestrians and other drivers of the approach thereof.

(c) No person shall use the horn of a motor vehicle except to give warning to other drivers or pedestrians.

(d) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.21)

337.20 MUFFLER; MUFFLER CUTOUT; EXCESSIVE SMOKE, GAS OR NOISE.

(a) Every motor vehicle and motorcycle with an internal combustion engine shall at all times be equipped with a muffler which is in good working order and in constant operation to prevent excessive or unusual noise, and no person shall use a muffler cutout, by-pass or similar device upon a motor vehicle on a highway. Every motorcycle muffler shall be equipped with baffle plates.

(b) No person shall own, operate or have in the person's possession any motor vehicle or motorcycle equipped with a device for producing excessive smoke or gas, or so equipped as to permit oil or any other chemical to flow into or upon the exhaust pipe or muffler of such vehicle, or equipped in any other way to produce or emit smoke or dangerous or annoying gases from any

portion of such vehicle, other than the ordinary gases emitted by the exhaust of an internal combustion engine under normal operation.

(c) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.22)

337.21 REAR-VIEW MIRROR; CLEAR VIEW TO FRONT, BOTH SIDES AND REAR.

(a) Every motor vehicle and motorcycle shall be equipped with a mirror so located as to reflect to the operator a view of the street to the rear of such vehicle or motorcycle. Operators of vehicles and motorcycles shall have a clear and unobstructed view to the front and to both sides of their vehicles or motorcycles and shall have a clear view to the rear of their vehicles or motorcycles by mirror.

(b) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.23)

337.22 WINDSHIELD AND WINDSHIELD WIPER; SIGN OR POSTER THEREON.

(a) No person shall drive any motor vehicle on a street or highway, other than a motorcycle or motorized bicycle, that is not equipped with a windshield.

(b) (1) No person shall drive any motor vehicle, other than a bus, with any sign, poster or other nontransparent material upon the front windshield, sidewings, side or rear windows of such vehicle other than a certificate or other paper required to be displayed by law, except that there may be in the lower left-hand or right-hand corner of the windshield a sign, poster or decal not to exceed four inches in height by six inches in width. No sign, poster or decal shall be displayed in the front windshield in such a manner as to conceal the vehicle identification number for the motor vehicle when in accordance with federal law, that number is located inside the vehicle passenger compartment and so placed as to be readable through the vehicle glazing without moving any part of the vehicle.

(2) Subsection (b)(1) of this section does not apply to a person who is driving a passenger car with an electronic device, including an antenna, electronic tolling or other transponder, camera, directional navigation device, or other similar electronic device located in the front windshield if either of the following apply to the device:

A. It is a "vehicle safety technology" as defined in 49 C.F.R. §393.5 and complies with 49 C.F.R. §393.60(e)(1)(ii).

B. It does not restrict the vehicle operator's sight lines to the road and highway signs and signals, and it does not conceal the vehicle identification number.

(3) Subsection (b)(1) of this section does not apply to a person who is driving a commercial car with an electronic device, including an antenna, electronic tolling or other transponder, camera, directional navigation device, or other similar electronic device located in the front windshield if either of the following apply to the device:

A. It is a "vehicle safety technology" as defined in 49 C.F.R. §393.5 and complies with 49 C.F.R. §393.60(e)(1)(ii).

B. It does not restrict the vehicle operator's sight lines to the road and highway signs and signals, and it is mounted not more than eight and one-half inches below the upper edge of the windshield.

(c) The windshield on every motor vehicle shall be equipped with a device for cleaning rain, snow or other moisture from the windshield. The device shall be maintained in good working order and so constructed as to be controlled or operated by the operator of the vehicle.

(d) Whoever violates this section is guilty of a minor misdemeanor.
(ORC 4513.24)

337.23 LIMITED LOAD EXTENSION ON LEFT SIDE OF PASSENGER VEHICLE.

(a) No passenger-type vehicle shall be operated on a street with any load carried on such vehicle which extends more than six inches beyond the line of the fenders on the vehicle's left side. (ORC 4513.30)

(b) Whoever violates this section is guilty of a minor misdemeanor. (ORC 4513.99)

337.24 MOTOR VEHICLE STOP LIGHTS.

(a) (1) Every motor vehicle, trailer, semitrailer, and pole trailer when operated upon a street or highway shall be equipped with two or more stop lights, except that passenger cars manufactured or assembled prior to January 1, 1967, motorcycles, and motor-driven cycles shall be equipped with at least one stop light. Stop lights shall be mounted on the rear of the vehicle, actuated upon application of the service brake, and may be incorporated with other rear lights. Such stop lights when actuated shall emit a red light visible from a distance of five hundred feet to the rear, provided that in the case of a train of vehicles only the stop lights on the rear-most vehicle need be visible from the distance specified.

(2) Such stop lights when actuated shall give a steady warning light to the rear of a vehicle or train of vehicles to indicate the intention of the operator to diminish the speed of or stop a vehicle or train of vehicles.

(3) When stop lights are used as required by this section, they shall be constructed or installed so as to provide adequate and reliable illumination and shall conform to the appropriate rules and regulations established under Ohio R.C. 4513.19.

(4) A historical motor vehicle that was not originally manufactured with stop lights or a replica motor vehicle that replicates a motor vehicle that was not originally manufactured with stop lights is not subject to this section.

(b) Whoever violates this section is guilty of a minor misdemeanor. (ORC 4513.071)

337.25 AIR CLEANER REQUIRED.

(a) No person shall operate a motor vehicle with an internal combustion engine unless the carburetion system of the vehicle is protected with an air filter, a flame arresting device, or any other accepted method of protection that is adequate for this purpose. If the original device or system is replaced, it shall be replaced with one that is equal to or better than the original equipment.

(b) This section does not apply to a person doing automotive repair work on a motor vehicle that necessitates this device being removed while the work is performed.

(c) Whoever violates this section is guilty of a minor misdemeanor on a first offense; on a second offense within one year after the first offense, the person is guilty of a misdemeanor of the fourth degree; on each subsequent offense within one year after the first offense, the person is guilty of a misdemeanor of the third degree.

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- ORDINANCE NO. 116-84
- ORDINANCES OF SHEFFIELD LAKE
- order to enhance their visibility
- ordinance with State regulations
- effective to apply the brakes to at least two wheels
- adopted by the Ohio Director of Public Safety under Ohio R
- effectiveness despite exhaustion of any source of energy or leakage of any kind
- order and shall be so adjusted as to operate as equally as practicable with respect to the wheels on opposite sides of the vehicle
- order and capable of emitting sound audible, under normal conditions, from a distance of not less than 200 feet
- ordinary warning signal
- order and in constant operation to prevent excessive or unusual noise, and no person shall use a muffler cutout, by-pass or similar device upon a motor vehicle on a highway
- ordinary gases emitted by the exhaust of an internal combustion engine under normal operation
- ordinance with federal law, that number is located inside the vehicle passenger compartment and so placed as to be readable through the vehicle glazing without moving any part of the ve
- order and so constructed as to be controlled or operated by the operator of the vehicle
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