

SENATE BILL NO. 644

November 07, 2019, Introduced by Senator STAMAS and referred to the Committee on Transportation and Infrastructure.

A bill to amend 1949 PA 300, entitled
"Michigan vehicle code,"
by amending section 710 (MCL 257.710).

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1 Sec. 710. (1) ~~(a)~~—A motor vehicle, truck, motor bus, truck
2 tractor, semitrailer, recreational vehicle, or mobile home operated
3 on a highway of this state must be equipped with tires inflated
4 with compressed air, and all other vehicles operated on a highway
5 of this state must be equipped with tires of rubber or another

1 **material or construction of equal resiliency to rubber.** A person
 2 shall not operate on a public highway of this state a **motor**
 3 ~~vehicle, or special mobile equipment which~~ **trailer, semitrailer,**
 4 **recreational vehicle, or mobile home that** has a metal ~~or plastic~~
 5 ~~track or a tire which is equipped with metal~~ that comes in contact
 6 with the surface of the road, ~~or which has a partial contact of~~
 7 ~~metal or plastic with the surface of the road,~~ except as provided
 8 in subsections ~~(c), (d), and (e).~~ **subsection (2).**

9 (2) ~~(b)~~ A person shall not operate on a highway a vehicle,
 10 ~~which has a tire that~~ **including, but not limited to, a farm**
 11 **tractor, an implement of husbandry, an animal-drawn vehicle, or**
 12 **road machinery, if that vehicle** has on ~~its~~ ~~the~~ periphery of any of
 13 **its tires** a block, stud, flange, cleat, spike, or other
 14 protuberance of a material other than rubber ~~which~~ ~~that~~ projects
 15 beyond the tread of the traction surface of the tire. ~~, except as~~
 16 ~~provided in subsections (c), (d), and (e).~~ A person may, however,
 17 **This subsection does not apply to any of the following:**

18 (a) ~~The use farm machinery of an implement of husbandry~~ with a
 19 **metal tire having or a tire that has** a protuberance ~~which~~ ~~that~~ will
 20 not injure a highway. ~~A person may also~~

21 (b) ~~The use of~~ a tire chain of reasonable proportion upon a
 22 vehicle when required for safety because of snow, ice, or other
 23 condition tending to cause a vehicle to skid.

24 (c) ~~A person may operate on a highway a vehicle which has a~~
 25 ~~pneumatic tire in which wire of .075 inches in diameter or less is~~
 26 **or wire coils for improving traction on ice or snow are** embedded if
 27 the tire is constructed so that the ~~percent~~ **percentage** of metal
 28 **wire or wire coils** in contact with the highway does not exceed 5%
 29 of the total tire area in contact with the roadway, except that

1 during the first 1,000 miles of use or operation of the tire the
2 metal in contact with the highway ~~shall~~**must** not exceed 20% of the
3 area.

4 (d) A tire equipped with tungsten carbide studs, if both of
5 the following are satisfied:

6 (i) The tire is used on an authorized emergency vehicle, a
7 vehicle used to deliver mail, or a motor vehicle registered in
8 another state that is present in this state for 30 days or less.

9 (ii) The tungsten carbide studs do not project more than 1/8
10 inch beyond the tread surface of the tire.

11 (3) ~~(d)~~The **state transportation** department ~~of state highways~~
12 ~~and transportation shall promulgate rules establishing acceptable~~
13 ~~standards to permit~~ **designate** the use of a tire with studs or other
14 ~~traction devices to be used on a street or highway after April 1,~~
15 ~~1975. The rules shall make separate provision for the extreme~~
16 ~~winter snow and ice conditions of the Upper Peninsula and the~~
17 ~~northern Lower Peninsula. The rules shall include a restriction on~~
18 ~~the amount and dimension of protrusions that may be allowed on a~~
19 ~~tire, the type of material that~~ **times during which the type of tire**
20 **described in subsection (2) (d)** may be used. ~~in a stud, traction~~
21 ~~device, or tire, and the amount of road wear that a tire with studs~~
22 ~~or other traction devices may cause on a street or highway.~~

23 ~~(e) A person may operate on a highway a vehicle which has a~~
24 ~~pneumatic tire in which are inserted ice grips or tire studs if the~~
25 ~~person is a law enforcement officer operating a vehicle owned by a~~
26 ~~law enforcement agency, a person operating an ambulance, or a~~
27 ~~United States postal service rural carrier driving a vehicle the~~
28 ~~rural carrier owns and maintains as a prerequisite to employment in~~
29 ~~the postal service.~~

1 (4) ~~(f)~~—A person shall not operate a vehicle on a highway when
2 a tire in use on that vehicle is unsafe ~~as provided in~~ **under**
3 subsection ~~(h)~~. **(6)** .

4 (5) ~~(g)~~—A person in the business of selling tires shall not
5 sell or offer for sale for highway use a tire ~~which~~ **that** is unsafe
6 ~~as provided in~~ **under** subsection ~~(h)~~. **(6)** .

7 (6) ~~(h)~~—A tire is unsafe if it is in any of the following
8 conditions:

9 (a) ~~(i)~~—Has a part of the belting material, tire cords, or ~~plies~~
10 **plies** exposed.

11 (b) ~~(ii)~~—Has evidence of cord or tread separations.

12 (c) ~~(iii)~~—Is worn to or below the minimum tread level in 2 or
13 more adjacent major grooves at 3 or more locations spaced around
14 the circumference of the tire. Minimum allowable tread levels are
15 as follows:

16 motorcycles and moped 1/32 inch front and rear
17 passenger cars and vehicles

18 weighing less than 10,000

19 pounds 2/32 inch front and rear
20 vehicles weighing 10,000 pounds

21 or more 4/32 inch front and 2/23 rear

22 Measurements ~~shall~~ **must** not be made at locations of tread wear
23 indicators or tie bars. A motor vehicle licensed as an historic
24 vehicle under section 803a is exempt from the tread depth
25 requirements of this subsection.

26 (d) ~~(iv)~~—Has a marking "not for highway use", "for racing
27 purposes only", "for farm use only", or "unsafe for highway use".

28 (e) ~~(v)~~—Has been regrooved or recut below the original tread
29 design depth. ~~except in the case of special purpose designed~~ **This**

1 **subdivision does not apply to regrooved or recut commercial vehicle**
2 ~~tires having extra undertread rubber provided for this purpose and~~
3 ~~identified as those tires.~~ **constructed in such a manner that**
4 **regrooving or recutting is an acceptable or safe practice, or to**
5 **regrooving or recutting performed as part of a tire recapping**
6 **process.**

7 (7) R 247.171 to R 247.175 of the Michigan Administrative Code
8 **are rescinded.**

9 Enacting section 1. This amendatory act takes effect 90 days
10 after the date it is enacted into law.