

# HOUSE BILL NO. 5210

November 07, 2019, Introduced by Reps. Miller, Leutheuser and Hoitenga and referred to the Committee on Transportation.

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.

