

# HOUSE BILL No. 4143

February 7, 2001, Introduced by Rep. Ehardt and referred to the Committee on Transportation.

A bill to amend 1990 PA 187, entitled  
"The pupil transportation act,"  
by amending section 11 (MCL 257.1811).

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

1       Sec. 11. (1) This section and sections 13 to 21 apply to  
2 both type I and type II school buses ~~except where~~ UNLESS spe-  
3 cifically provided otherwise.

4       (2) A type I school bus shall have an outside body width of  
5 not more than 96 inches, ~~+~~ an outside overall length of not  
6 more than 40 feet, ~~+~~ and an inside height of not less than 72  
7 inches ~~—~~ FROM aisle floor surface to ceiling. A type II school  
8 bus shall have an outside body width of not more than 96 inches,  
9 ~~+~~ and an inside height of not less than 60 inches ~~—~~ FROM  
10 aisle floor surface to ceiling.

1       (3) A bus shall be attached firmly to the chassis. A spacer  
2 shall be inserted between the body and the frame at every point  
3 of contact so that shearing stresses are not put on rivet heads.

4       (4) A bus floor shall be of metal at least equal in strength  
5 to 14-gauge steel and so constructed and maintained that exhaust  
6 gases cannot enter the bus. The floor, including wheelhousing,  
7 shall be covered and maintained with 1/8-inch smooth rubber or an  
8 equivalent as determined by the department of state police. The  
9 aisles shall be covered and maintained with 3/16-inch ribbed  
10 rubber or an equivalent as determined by the department of state  
11 police. The rib-aisle shall continue to the stepwell. Metal  
12 longitudinal strips shall be applied to the aisle seams. Floors  
13 shall be coved to the walls. All closures between the body and  
14 the engine compartment shall be fitted with gaskets which effec-  
15 tively prevent gas from entering the body. The bus body floor,  
16 cross members, and skirts shall be completely undercoated. A  
17 transmission inspection plate, if any, need not be rubber-covered  
18 but shall be firmly attached. Plywood floors are optional.

19       (5) Sedan-type doors shall not be used on type I school  
20 buses. When a jackknife-type service door is used, it shall fold  
21 forward toward the front of the bus. If a split-type service  
22 door is used, it shall open outward. Sedan-type doors may be  
23 used on service entrances of type II buses. The steps of a serv-  
24 ice door entrance shall be covered with 3/16-inch molded ribbed  
25 rubber or other nonslip surface.

26       (6) An emergency exit shall be provided as follows:

1 (a) Type I school bus: the upper and lower portion of the  
2 central rear emergency door shall be equipped with approved  
3 safety glass. The door shall be hinged on the right side and the  
4 door handle located on the extreme left. THE ILLUMINATED DOOR  
5 HANDLE ASSEMBLY SHALL BE CONSTRUCTED SO THAT IT WILL EMIT A LIGHT  
6 AND SOUND SIGNAL AND CHANGE FROM AC TO DC CURRENT WHEN AN EMER-  
7 GENCY SITUATION ARISES. THE SIGNAL SHALL BE SUFFICIENT TO ALLOW  
8 A PERSON TO LOCATE AND DETERMINE HOW TO LATCH AND UNLATCH THE  
9 EMERGENCY DOOR. Piano hinges shall not be used. The handle shall  
10 be in the vertical position when latched. A locking device of  
11 any kind shall not be attached to, or made a part of, the emer-  
12 gency door unless the locking device meets all of the following  
13 criteria:

- 14 (i) The device is integrated into the ignition system.  
15 (ii) The device is tamper resistant.  
16 (iii) The device has an audible alarm system.  
17 (iv) The device has an audible alarm near the driver's seat  
18 that will sound when the door is locked and the ignition is on.  
19 (v) The device is approved by the department of state  
20 police.

21 (b) Type II school bus: subdivision (a) applies to type II  
22 buses except that body gauge metal may be substituted for safety  
23 glass in the lower portion of the rear emergency door, and double  
24 rear emergency doors may be used. A double rear emergency door  
25 shall have a 3-point latch.

26 (7) A bus body shall be lined with fiberglass or a  
27 comparable nonsettling, nonabsorbent insulation.

1       (8) Book racks shall not be installed in a school bus.

2       (9) The electrical system shall be 12 volt ~~D.C.~~ DC pro-  
3 vided through an alternator with a minimum of 100 amp rating and  
4 a minimum battery storage capacity of 500 CCA with gasoline  
5 engine, or 900 CCA with diesel engine provided through 1 12-volt  
6 battery, 2 12-volt batteries, or 2 6-volt batteries. There shall  
7 not be an opening through the floor of the bus to service the  
8 battery.