

SCHOOL BUS REQUIRED LAMPS

ITEM AND METHOD OF INSPECTION

POINT VALUE AND REQUIREMENT  
DESCRIPTION

(#) DESIGNATES POINTS TO BE DEDUCTED

IX. Required Lamps

A. Turn Signals Inoperable

Inspection procedure for checking all lamps: Turn on lamps and check to see if lit.

(25) A. The school bus must have turn signal indicators of an automatic type. The bus body must be equipped with amber or red rear turn signal lamps that are at least seven inches in diameter and meet specifications of the FMUSS No. 108. The turn signal lamps must be connected to the chassis hazard warning switch to cause simultaneous flashing of turn signal lamps when needed as a vehicular traffic hazard warning.

Buses after 12/31/1994

The rear turn signal lamp lenses may not be red.

B. Clearance Lamps

(1) B.1. Every motor vehicle or motor-drawn vehicle designed or used for the transportation of passengers shall display lighted lamps. Every such vehicle having a width, including load thereon, at any part in excess of 80 inches shall be equipped with four clearance lamps, two located on the front at opposite sides and not more than six inches from the extreme outer edge of the vehicle or load, displaying a white or amber light, visible from distance of 500 feet to the front of the vehicle and two located on the rear on opposite sides not more than six inches from the extreme outer edge of the vehicle or load displaying a red light visible from a distance of 500 feet to the rear of vehicle. The front clearance lamps shall be located at a height of not less than 24 inches above the head lamp center. The rear clearance lamps shall be in addition to the red rear lamp herein before required.

M.S. 169.4503

CFR 49/471.108

M.S. 169.51

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(1) B.2. Every such vehicle or combination of such vehicle which exceeds 30 feet in overall length shall be equipped with at least four side marker lamps, one on each side near the front and one on each side near the rear. Such lamps shall be at a height of not less than 24 inches above the surface upon which the vehicle stands. The lamps near the front shall display a white or amber light and lamps near the rear shall display a red light, each visible from a distance of 500 feet to the side of the vehicle on which it is located. If the clearance lamps on the right and left sides of the vehicle, as herein before required, display lights visible from a distance of 500 feet at right angles to the right and left side, respectively, of the vehicle they shall be deemed to meet the requirements as to the marker lamp, provided an additional marker lamp, white or amber, is displayed approximately midway between the above specified marker lamp.

M.S. 169.51

M.S. 169.64(7)

(5) C. Vehicles manufactured after January 1, 1960, and registered in this state must be equipped with two rear lamps if one lamp is out, deduct.

C. Rear Lamps

(25) D. If two tail-lights are out, deduct. Buses equipped with more than two rear lamps are to be rejected if all rear lamps are out.

D. Tail-lights

(15) E. The brake lights may be wired to combine stop and tail-lights (but must be wired on separate circuits after July 1, 1989). School buses after January 1, 1960, shall be equipped with at least two stop lamps on the rear which shall be red in color and shall be actuated upon application of the

E. Stop Lamps  
Inspection procedure for checking brake lights. Apply force to foot brake pedal.

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service (foot) brake and which may, but need not be, incorporated with a tail lamp and which shall be plainly visible and understandable from a distance of 100 feet to the rear during normal sunlight and at night.

F. Buses after July, 1, 1989

(2) F. School buses must be equipped with red stop lamps. If round, the stop lamps must be seven inches in diameter. If the stop lamps are a shape other than round, they must have a minimum 38 sq. inches of illuminated area and be mounted on the rear of the bus just inside the turn signals at the same height. Stop and tail light stop lamps must be wired together.

M.S. 169.57 (1) M.S. 169.50 (1)(a)

M.S. 169.4501

G. Back Up Lamps

(5) G. A minimum of two white lights located on the rear of the bus.

H. Step Well Lamp

(2) H. Interior lamps that adequately illuminate the aisle and the step well must be provided. All lamps on the exterior of the vehicle must conform with and be installed as required by Federal Motor Vehicle Safety Standard No. 108, FMF 49/571.

CFR 49/571.108

M.S. 169.4501

I. Amber Clearance Lamp

(1) I. Type B, C, and D buses shall have an amber clearance lamp with a minimum of four candle power mounted on right side of the body at approximately seat level rub rail height just to the rear of the service door and another one at approximately opposite the driver's seat on the left side. To operate only with regular turn signal lamps.

M.S. 169.4503

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K. License Plate Lamp

(10) K. A lamp to illuminate license plate shall be provided.