

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION

POINT VALUE AND REQUIREMENT
DESCRIPTION

(#) Designates points to be deducted

XIII. Body

A. Loose Objects (interior) each

- (2)A. 1. Shovel, broom, etc., should be securely fastened and no object shall be laid across the aisle or emergency exit in the rear.
2. The driver of a school bus shall keep the aisle and emergency exit of a school bus unobstructed at all times when children are being transported.
3. Trash container allowed in Drivers area and secured.
MS 169.4501, MS 169.447

B. Loose Seats (floor mount)
Federal Motor Vehicle Safety Standards apply after 4-1-77

- (5)B. 1. All seats shall be forward facing and anchorage shall comply with Federal Motor Vehicle Safety Standard 207.
2. Seating Systems - Multipurpose Passenger Vehicles, Trucks and Buses (effective 1-1-72) establishes requirements for seats, their attachment assemblies, and their installation, to minimize the possibility of failure as a result of forces acting on the seat in vehicle impact.

C. Seat Condition
Buses after 12/31/94

- (2)C. 1. Seats shall have a minimum depth of 15 inches all seat backs on Type B, C, and D buses shall be a minimum of 24 inches high and a minimum 20 inches from seating reference point.

STANDARDS OF SAFETY AND REPAIR
INSPECTION MANUAL SECTION 13, PAGE 1

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION

POINT VALUE AND REQUIREMENT
DESCRIPTION

(#) Designates points to be deducted

2. All retraining barriers and passenger seats shall be covered with a material that has fire retardant or fire block characteristics. Fire retardant must comply with 49 CFR 571.302. Fire block must meet requirements as listed in 1990 National Standards for School Buses as adopted.
3. All seats must face forward.
4. All seat and crash barriers must be installed according to and conform to FVMSS 222.
5. Driver's seat shall be of the highback type.
6. No exposed springs, broken fiberglass, or other conditions so as to injure student or tear clothing (in a state of good repair). Seat back foam shall be maintained in good state of repair as not to be capable of feeling seat frame due to seat foam breaking.

MS 169.4501 CFR 49/571.207-.222

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION	POINT VALUE AND REQUIREMENT DESCRIPTION
	(#) Designates points to be deducted
D. Interior Cleanliness	(2) D. Floor should be reasonably clean. No accumulation of dirt and dust. Interior should be free of obscenities.
E. Carbon Monoxide Check immediate area in front interior of bus and rear interior section of bus. Allow at least 50 feet between buses when checking for carbon monoxide.	(25) E. Every motor vehicle shall at all times be equipped with such parts and equipment so arranged and kept in such state of repair as to prevent carbon monoxide gas from entering the interior of the vehicle.
F. Hazardous Protuberance/ Sharp Edge.	(25) F. <ol style="list-style-type: none">1. No torn metal parts, glass, or other loose or dislocated parts may protrude from the surface of the vehicle causing a safety hazard to pedestrians, cyclists or pupils. Exterior.2. No exposed sharp edges of torn metal parts, moldings, glass, etc., which may protrude from vehicle interior.3. Interior speakers may protrude up to 1/2 inch from bus interior.
G. One defroster/heater in multi-heater bus (each)	(5) G. Defrosters and two all metal defroster fans with adequate guards shall be of sufficient capacity to keep windshield, window to left of driver, and glass in entrance door clear of fog, frost and snow. This may be done by taking heat directly from approved heater or auxiliary heaters. Must have a high and low speed. A Type A or B bus with a GVWR under 15,000 pounds may be equipped with one auxiliary fan.

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION

POINT VALUE AND REQUIREMENT
DESCRIPTION

(#) Designates points to be deducted

- | | |
|--|---|
| 1. Heaters - type used | (5) 1. Heaters must be of the hot water or combustion type. If the heater is of the hot water type, the heater system must be equipped with a shut off valve readily accessible to the driver. If only one heater is used, it must be of fresh air or combination fresh air and recirculating type. If more than one heater is used, the additional heaters may be of recirculating type. Each heater motor must be two speed.

MS 169.4501 |
| 2. Heater Installation | 2. All heaters installed by body manufacturers must bear a name plate that indicates the heater rating in accordance with SBMI Code 001. The plate must be attached by the heater manufacturer. The attachment certifies that heater performance is as shown on the plate. |
| 3. Must be Approved | 3. All combustion-type heaters must be approved by the Federal Highway Administration, Motor Carrier Safety Regulations, Code of Federal Regulations, 49.393.77. |
| 4. Installed by Dealer | 4. If combustion type heaters are used, they must be installed on new buses by body manufacturers and on buses now in operation by authorized dealers or by authorized garages. |
| 5. Heaters must maintain 50 degrees Fahrenheit | 5. Heaters must be capable of maintaining an inside temperature of 50 degrees Fahrenheit at average minimum January temperatures as established by United States Department of Commerce, Weather Bureau, for the area in which the heater is required. |

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION	POINT VALUE AND REQUIREMENT DESCRIPTION
	(#) Designates points to be deducted
6. Heater lines to rear heaters shall be covered with metal shield.	6. Heater lines inside the passenger compartment must be guarded to prevent accidental contact by the driver or passengers.
7. Operation	7. Heaters of any type in any type of school bus must be maintained and operated to produce heat.
H. Body Condition	(2) H. 1. The body must be in good condition, no torn metal parts, dislocated parts. 2. If two cross members are rusted; must be replaced. 3. Rubber floor covering shall meet federal specification. M.S. 169.4501 CFR 49 393.77
I. Entrance Door	(5) I. 1. The service door must be power or manually operated under control of the driver, and designed to afford easy release and provide a positive latching device on manual doors to prevent accidental opening. When the hand lever is used, no parts must come together to shear or crush fingers.
1. Under Control of Driver	
2. Finger Protection	2. Vertical closing edges shall be equipped with flexible material to protect children's fingers. Type A vehicles may be equipped with chassis manufacturer's standard door.
3. Location	3. The service door must be located to the right of the driver and within his direct view.

SCHOOL BUS BODY

ITEM AND METHOD OF INSPECTION

POINT VALUE AND REQUIREMENT DESCRIPTION

(#) Designates points to be deducted

- | | |
|---|---|
| 4. Door Type | 4. The service door must have a minimum horizontal opening of 24 inches and a minimum vertical opening of 68 inches. Type A vehicles shall have a minimum opening area of 1,200 square inches. The service door must be of split type, or Jacknife type. If a split type door is used, the front section must open outward. |
| 5. Safety Glass
The lower glass panel must not be more than 12 inches from the bottom of the | 5. The lower, as well as upper panels, must be of approved safety glass. The bottom of the lower glass panel must not be more than 10 inches from the top surface of bottom step. The top of the upper glass panel must not be more than six inches from the top of the door. Type A vehicles shall have an upper panel (windows) of safety glass with an area of at least 350 square inches. There shall be no door to the left of the driver on Type C or D vehicles. Type A and B vehicles may be equipped with chassis manufacturers' standard door. Door must be in good adjustment. |
| 6. Padding
Buses after 12/31/94 | 6. All doors shall be equipped with padding at the top of each door opening. Pad shall be at least 3 inches wide and 1 inch thick wide and 1 inch thick extending full width of door opening. |