

State of Utah Supplemental School Bus Out of Service Criteria

To Be Used In Combination With CVSA North American Standard Out-Of-Service Criteria

I. PURPOSE

The State of Utah has adopted, by administrative rule, the CVSA North American Standard Out-Of-Service Criteria to identify violations that would render a school bus out of service. While many school bus violations will be covered by the CVSA criteria, there are others that are not addressed, or addressed with different standards. This document will serve as a supplemental criteria covering school bus specific items that the State of Utah has determined to create a condition that would place a school bus out of service. The items listed in this document will be in addition to the items listed in the CVSA criteria. In the event that a standard is listed in the CVSA criteria, as well as this document, the standards listed in this document shall be enforced.

II. BODY - EXTERIOR

- A. Any school bus body part that is loose, torn, dislocated or protruding from the surface of the bus, creating a hazard.
- B. Any engine, battery or other door that is not properly secured.
- C. Bus is any color other than school bus yellow (Does not include a bus used exclusively as an activity bus).

III. BODY - INTERIOR

A. AISLE

- 1. Aisle does not have required clearance.
- 2. Aisle or exit access is obstructed by any object.
- 3. Center aisle strip is missing or not properly secured creating a hazard (integrity, tripping, slipping, etc.).

B. AUXILIARY HEATER UNITS

- 1. Any component of an auxiliary heater system not properly secured.
- 2. Any fluid leak from an auxiliary heater core assembly detected inside the passenger compartment.

C. DECORATIONS

- 1. Any poster, markings or decorations forward of the fourth row of occupants seating that obstructs any window, mirror or required markings (emergency exit markings, emergency equipment markings, etc.).
- 2. Any poster, marking or decoration that obstructs required markings or creates a hazard.

D. DEFROSTER

- 1. Defrost is inoperable or does not blow air on the windshield as required.

E. DOORS – ENTRANCE

- 1. The service door does not open or close properly.
- 2. The door control handle does not lock in the closed position.
- 3. The door is equipped with a padlock or similar non-OEM locking device (excludes interlock systems).

F. EMERGENCY EQUIPMENT

- 1. Fire Extinguisher is discharged, missing, unsecured or not readily accessible for use within the driver compartment.

G. EMERGENCY EXITS

- 1. Any audible warning device on an emergency exit door is defective or fails to function (defective emergency window warning device is not an OOS condition).
- 2. Any emergency exit that is equipped with a padlock or similar non-OEM locking device (excludes interlock systems).

H. FLOOR

1. Any floor condition that creates a hazard (integrity, tripping, slipping, etc.).

I. HANDRAIL

1. Any handrail that is missing or loose to the extent that a gap is created between mounting surfaces, thus causing a situation where an occupant's clothing, backpack, etc. could be snagged.

J. HAZARDOUS MATERIAL

1. Any substance in the passenger compartment, that denotes in the original packaging or informational specifications a warning such as harmful/fatal if swallowed, inhaled or severe contact irritant to skin or eyes.

Note: Hand sanitizer is permissible in the passenger compartment, provided it is stored in a location that can be monitored by the driver.

K. PANELS

1. Any panel (ceiling, side, wheel well, etc.) protruding, having sharp edges or not properly secured to the extent that it may cause injuries.

L. SEAT – DRIVER

1. Driver seat is not securely fastened to vehicle or fails to adjust/maintain proper adjustment.
2. Any part of the driver's safety restraint system missing, not properly installed, or so defective as to prevent proper securement/restraint.

M. SEATS-BARRIERS

1. Any seat frame, cushion or barrier that is completely detached from the structure to which it is designed to be secured (must be completely separated from attachment point to be OOS).
2. Any seat or barrier material defective or missing to the extent that it compromises occupant safety or compartmentalization.
3. Seat or barrier spacing does not comply with FMVSS No. 222.

N. STEP WELL

1. Any part of the step well or support structure is damaged.
2. Any condition that creates hazard (tripping, slipping, etc.).

O. WHEELCHAIR (INSPECTED ONLY BY DISTRICT PERSONNEL)

1. Wheelchair lift is inoperable or does not function as designed.
2. Any hydraulic line leaking during lift operation.
3. Wheelchair securement missing, improperly secured, loose or damaged.
4. Any required wheelchair restraint system not in compliance with FMVSS No. 122.

P. WINDOWS-GLASS

1. Any window or glass that is broken, creating a hazard (inside or outside).
2. Any window, windshield or glass not of an approved type.
3. Any window, windshield or glass that is missing.
4. Windshield or windows to the left/right of the driver that are damaged, or in such condition that obstructs/interferes with driver's view (chips-clouding-cracks-sandpits-distortion-etc.).

Q. WIPERS-WASHERS

1. Any wiper or washer system inoperative, missing or damaged to the extent that renders it ineffective.

Note: It is not OOS if washer fluid bottle is empty, but all other components function properly.

IV. BRAKE SYSTEM

A. DEFECTIVE BRAKES – In addition to items listed in the CVSA Out-Of-Service Criteria, any defective brake condition listed in this document will result in the school bus being placed out of service.

1. Mismatch across any axle of air chamber size or slack adjuster length.

B. PARKING BRAKE

1. Parking brake pop off valve does not automatically set between 15-45 psi (plus or minus 5 psi).
2. Parking brake warning light fails to function as designed.

V. DIFFERENTIAL

A. Cracked housing or dripping leak.

VI. DRIVESHAFT

A. Driveshaft guard missing, loose, improper placement or bent to the extent it is out of position.

VII. EXHAUST

A. Any exhaust system leaking or discharging under the chassis.

Note: Expansion clamps may allow some leakage when cold. If evidence of leakage is present, allow the system to warm up and re-check prior to documenting a violation.

VIII. FRAME

- A.** Any cross member, outrigger or other structural support missing, cracked, shifted or damaged to the extent it affects the structural integrity or safe operation of the bus.
- B.** Any area of the floor that is sagging or soft due to broken cross member or would present a hazard.
- C.** Three or more adjacent cross members or outriggers broken or detached.

IX. GENERAL MAINTENANCE

- A.** Any defect which may cause an imminent hazard or potential fire.
- B.** Any condition that is likely to cause a crash or breakdown of the vehicle.

X. INSPECTION FOR NEW OR USED BUSES AND ACTIVITY SCHOOL BUSES

- A.** A school bus dealer or educational entity shall notify the Vehicle Safety Office of the Utah Highway Patrol when a new or used bus has been acquired. The school bus shall be inspected by the Utah Highway Patrol before being placed into service.
- B.** Activity school buses shall be inspected. Out of service and defect criteria will be determined by the Federal Motor Carrier Safety Administration (FMCSA) safety regulations for the type of vehicle being inspected. If the activity bus is a converted school bus, it must meet school bus standards, except for traffic control devices and should be painted a color other than school bus yellow.

XI. LIGHTS

A. NON-LOADING LIGHTS

1. Does not have at least one operable low beam headlight on each side of the bus (two total).
2. Does not have at least one operable tail lamp on each side of the bus (two total).
3. Does not have at least one operable brake light on each side of the bus (two total).
4. Any inoperable turn signal - front or rear.
5. Any inoperable hazard warning light – front or rear.
6. Any light that is not the required color.

B. LOADING LIGHTS

1. Any overhead loading light or stop arm lamp inoperable.
2. Any stop arm that fails to activate with overhead lights.
3. Any loading light or stop arm that remains in an activated position after being deactivated.
4. Any loading light, stop arm lamp or stop sign that is not the required color.

Note: LED light assemblies are considered inoperable if less than 50% of diodes are illuminated.

XII. MIRRORS

- A. Any mirror required to provide the driver with the entire field of view is missing, damaged, clouded or otherwise obscured so as to place children in a hazardous position.
- B. Any crossover mirror system or portion thereof that fails to hold a set adjustment.
- C. Any crossover mirror directed to view any area other than for which they were intended; or any part of the required field of vision is obscured or not visible from the driver's seated position.
- D. Any broken mirror (inside or outside) that would create a hazard in or around the bus.

XIII. STEERING SYSTEM

A. STEERING WHEEL FREE PLAY

1. See Steering Wheel Free Play Chart – Bus will be placed out of service if any of the measurements for specific steering wheel size are exceeded based on the chart values. For steering wheel diameters not listed in chart, the steering wheel lash shall not exceed 14 degrees angular rotation for manual steering systems and 30 degrees angular rotation for power steering systems. For power steering system, the engine must be running.

Steering Wheel Free Play Chart

STEERING WHEEL SIZE	MANUAL SYSTEM MOVEMENT	POWER SYSTEM MOVEMENT
16" OR LESS	2 INCHES	4 ½ INCHES
18"	2 ¼ INCHES	4 ¾ INCHES
19"	2 3/8 INCHES	5 INCHES
20"	2 ½ INCHES	5 ¼ INCHES
21"	2 5/8 INCHES	5 ½ INCHES
22"	2 ¾ INCHES	5 ¾ INCHES

B. POWER STEERING SYSTEM

1. Power steering pump inoperable.
2. Auxiliary power assist cylinder loose or inoperable.
3. Any dripping leak in the power steering system.

C. NUTS

1. Loose or missing fasteners or missing cotter pins on any tie rod/ends, pitman arm, drag link or any other steering linkage component.

XIV. SUSPENSION

- A.** Any spring hanger, assembly part, or leaf spring broken, cracked, separated or missing.

XV. TIRES

A. TIRE TREAD

1. Any steering axle tire that measures less than 4/32" in any major tread groove.
2. Any drive axle tire that measures less than 2/32" in any major tread groove.

B. TIRE TYPE

1. Not of proper type; including tire load rating, mismatched tire type/size, etc.
2. Tire marked with restrictive markings such as; "Not For Highway Use" which would exclude use on public highways.

C. TIRE SIDEWALL

1. Any sidewall that is cut, worn or damaged to the extent that any ply cords are exposed.

XVI. WHEELS

A. DISC WHEELS

1. Any wheel fastener, bolt, stud or lug is broken, missing, damaged or loose.
2. Any wheel /rim is cracked, improperly seated, damaged or welded.

B. SPOKE (DAYTON) WHEELS

1. Any spoke (Dayton Style) wheel in use on a school bus registered in the state of Utah.