

**WEST VIRGINIA SCHOOL BUS
INSPECTION MANUAL WITH
OUT OF SERVICE CRITERIA**

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- P-** Signifies a Primary defect, which will place the vehicle out of service and a rejection sticker will be affixed to the windshield until the proper repair (s) have been made and the bus has been re-inspected by a WVDE School Bus Inspector and the proper inspection sticker has been affixed to the windshield
- S-** Signifies a Secondary defect, which will allow the vehicle to receive a proper WVDE inspection sticker. However, all such repairs shall be made within 15 working days from the original inspection date. An email shall be sent to the WVDE School Bus Inspector within the 15 working days to confirm all secondary defects have been repaired or the bus shall be placed out of service until the WVDE School Bus Inspector can schedule a follow-up visit. Any “notation” or “recommendation” included in the inspector’s supplemental notes and provided to the County shall be subject to review within the 15 working days as well.
- X-** Signifies a primary defect that is bus operator specific in nature which will place the vehicle out of service. Example: broom stored on bus, unsanitary/dirty bus or emergency exit decals missing. A rejection sticker shall be affixed to the windshield.
- O-** Signifies a secondary defect that is bus operator specific in nature which will allow the vehicle to receive a proper WVDE inspection sticker. Example: fire extinguisher tag unsigned or heater inoperable on high speed.

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OUT OF SERVICE CRITERIA

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
AXLES			
10.04	Front Axle	1. Any obvious bend, twist or crack 2. Any repair of an axle that does not meet Manufacturer specifications.	P. P.
10.05	Alignment (Front & Rear)	Is severely misaligned	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
10.06	Springs/Bushings/Pins (front & rear springs)	<ol style="list-style-type: none"> 1. Any broken loose, misaligned or damaged Spring leaf or Spring assembly 2. Leaves displaced in a manner that could result in contact with a tire, rim, brake drum, or frame 3. Coil spring broken 4. Broken torsion bar 5. Center pin is sheared 6. Incorrect spring or components 7. Improperly installed components 8. Weak springs that do not support the load properly. 9. Vehicle un-level from side to side. 10. .080 or more of pin to bushing (metal) clearance 11. Any bushings cracked or distorted permitting movement in the eye of spring leaf. (rubber) 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
10.07	Axle Parts/Members/King Pins/Over Load Bumpers/etc.	<ol style="list-style-type: none"> 1. Any U-bolt(s) or other spring to axle clamp bolt(s) cracked, broken, loose or missing 2. Any spring hanger(s), or other axle positioning part(s) cracked, broken, bent, loose or missing 3. Any torque arm/radius rod loose, bent or cracked 4. Fastener(s) missing, broken or loose from any spring hanger or shackle assembly 5. King Pins, (Horizontal movement exceeding .015 at the axle or 1/2" at the tire measured 17" up from the center of the spindle cap) or vertical movement exceeding .040 6. Ball Joints, Struts: Exceeding manufacturer's allowable wear tolerances (.030) 7. Thrust bearing installed upside down 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>S.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
10.08	STEERING/FRONT AXLE Pump/Fluid Level/Leaks	<ol style="list-style-type: none"> 1. Inoperative 2. Incorrect Fluid level 3. Any excessive leak 4. Missing or defective belt 	<p>P.</p> <p>S.</p> <p>P.</p> <p>P.</p>
10.09	Hoses	<ol style="list-style-type: none"> 1. No excessive leaks 2. Exposed or damaged reinforcement ply or cord 3. Improper type or design for application 4. Installation which may cause damage by wear or chafing, or which may cause interference to surrounding moving parts 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
11.00	Pitman Arm	<ol style="list-style-type: none"> 1. Pitman arm loose on shaft 2. Obvious repair, weld and improperly secured or damaged 3. Wheels cannot be turned to designed limits without interference 4. Improper adjustment of steering stops that allows the tire (s) to come in contact with other components 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
11.01	Tie-Rod Ends & Drag Link	<ol style="list-style-type: none"> 1. Looseness: <ol style="list-style-type: none"> a. Any motion, other than rotational, greater than .060 in b. Any connecting joint c. Any wear, demonstrated by wear indicator d. Any looseness of a stud/nut e. Any looseness in any threaded joint f. Any loose clamp(s) or clamp fastener(s) 2. Fastener(s): <ol style="list-style-type: none"> a. Missing b. Missing stud nut or other fastener/locking/safety component c. Any bent or damaged bolt(s) 3. Any improperly installed component 	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
11.02	Steering shaft/U-joints	1. Shaft, slip yoke, u-joint: bent, broken, or excessively loose.	P
11.03	Steering Box	1. Securement: loose, damaged or missing fasteners or mounting components 2. Leaks 3. Any repair welds other than factory 4. Input or pitman shaft damage	P. P. P. P.
11.04	Shock Absorbers (Front & rear)	1. Any missing or broken shock or mounting stud 2. Any rubber bushing that is worn, loose 3. Any shock that is leaking (not weeping) 4. Shock skirting that is rusted through.	P. P. S. S.
11.05	Rear Axle	1. The rear axle or axle housing is bent, cracked or loose 2. The rear axle is obviously misaligned or does not allow the wheels to track in straight ahead travel	P. P.
11.06	Axle Flange	Fasteners: missing, improper application, loose, holes elongated/damaged or leaking	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
11.07	Air Suspension	<ol style="list-style-type: none"> 1. Deflated air suspension, i.e. system failure, leak. 2. Improperly adjusted or defective leveling valve, etc. (to include ride height) 3. Any airbag worn (cord exposed, or cracking of the air bag) 4. Improperly mounted or mismatched air bag 5. Any missing, broken, loose, cracked or bent radius rod(s) or other air suspension components 6. Any bushing defect which causes the component to contact its mounting point 7. Misaligned beyond Manufacturers spec. normally no more than 6 degrees 	<p>P.</p> <p>P.</p> <p>S.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
11.08	Positioning Components	Any component that is worn or broken that affects the alignment or location of the axle	P.
	BRAKES/FRONT/REAR AIR/HYDRAULIC		
11.09	Service Brake Operation	Fails to provide an even and smooth stop	P
12.00	Emergency Brake Operation	Fails to apply and maintain application until manual release	P
12.01	Grease/Fluid Leak/Seals	<ol style="list-style-type: none"> 1. Any leak on drum, brake lining, and rotor. 2. Chassis lubricant contaminating shoe or drum (excessive lubrication of S-cam) 3. Oil bath seals, leaking from hub cap or gasket (oil bath hub covers shall be kept clean for oil level inspection). 	<p>P.</p> <p>P</p> <p>P</p>
12.02	Hydraulic Brakes	Absence of braking action upon application of the service brakes.	P.
12.03	Brake lines/Hoses/Connections	<ol style="list-style-type: none"> 1. Any bulge/swelling of any hose 2. Any lines, hoses, tubing or connections that leak, are cracked, chafed (cord exposed), flattened, broken, restricted, 3. Insecurely fastened, improperly retained, or in contact with exhaust system, drive line, etc. 4. Any line, tubing, hose or connection that is not constructed to meet all applicable manufacturers codes and standards 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
12.04	Reservoir	Improperly mounted, loose or leaking	P.
12.05	Wheel Cylinders/Calipers	<ol style="list-style-type: none"> 1. Wheel cylinders/calipers are frozen or leaking 2. Loose or improperly mounted 	P. P.
12.06	Hydrovac/Assist	<ol style="list-style-type: none"> 1. If equipped or required to be equipped with a reservoir, sufficient vacuum reserve to permit two full brake applications after engine is shut off 2. If not required to be equipped with a reservoir, sufficient vacuum reserve to permit one full brake application after engine is shut off 3. Brake warning indicator fails to activate with ignition switch in the "on" or "crank" position or remains on after engine is started 4. Any low-vacuum or pressure warning device (as required) fails to operate properly 5. Power assist unit fails to operate properly to include backup system 6. System that operates off of the power steering system must maintain proper belt tension to prevent the pedal from pulsating when applied 7. Any brake fluid or power steering fluid leak 	P. P. P. P. P. P. P.
12.07	Master Cylinder	Master cylinder is not filled to design capacity or is leaking Loose or improperly mounted master cylinder	P. P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
12.08	Drums/Rotors	<ol style="list-style-type: none"> 1. Any portion of the drum or rotor (discs) improperly mounted, missing 2. If drums or rotors are at or exceeds the manufacturers discard measurement 3. If drums or rotors have any external crack(s) 4. Any drum or rotor is contaminated with grease, oil or brake fluid 	<p>P</p> <p>P</p> <p>P</p> <p>P</p>
12.09	Linings/Pads	<ol style="list-style-type: none"> 1. GVWR more than 18,000lbs - Not less than 1/4" 2. Riveted linings not less than 1/16 inch above rivet head at thinnest point 3. Lining is broken, not firmly attached to shoe or plate. 4. Contaminated with oil or grease 5. Wear is uneven on the pad/shoe 6. Obvious visual uneven wear across the axle 7. Lining that has excessive cracks or breaks, or signs of excessive rust jacking (see 13.01) 	<p>All Primary</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
13.01	Air Brakes	<ol style="list-style-type: none"> 1. With the brake applied any one brake found at the readjustment limit of applied stroke with air reservoir pressure between 90 to 100 PSI with engine off. 2. Absence of braking action upon application of the brakes. 3. Any test failure of the air reservoir system to include leaking mounting or reservoir condition. (excessive rust, corrosion, or damage) 4. Uneven wear across the axle 5. Uneven wear across the lining 6. Rust jacking <ol style="list-style-type: none"> A. Separation between lining and table not to exceed .010 B. Loose lining 7. Lining or drum contamination 8. Lining with a crack larger than 1 ½" long or 1/16" wide or a crack that demonstrates movement in a brake application 	All are primary

NO.	INSPECTION ITEM	DEFECT	DEFECT
13.02	Air Brakes	<p>Brake Adjustment</p> <ol style="list-style-type: none"> 1. A brake slack—adjuster at the adjustment limit 2. Brake adjustment variance across the axle of ½ inch or more must be tested for proper operation or replaced. 3. S Cam that exceeds .030 of radial movement 4. S cam end play not within .005 and .060 	All are Primary

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
13.03	Brakes	<p>Brake Chambers</p> <ol style="list-style-type: none"> 1. BSAP in excess of 1/8" of initial position 2. If chamber has excessive rust or corrosion is present 3. Any question regarding proper chamber operation, i.e. noise, binding, dragging or leakage. 4. Clevis pins not rotating freely in slack adjuster and the clevis 	All are Primary

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
13.04	Brake System Valve(s)/Tanks	Any brake system valve(s) or attached connection(s) mounted improperly, leaking or found to be defective through air brake system test procedures (application, relay, release, inversion, limiting, etc.)	P.
13.05	Brake chambers Slack adjusters/clevis pin	<ol style="list-style-type: none"> 1. Any chamber leaking (connections, diaphragms) or improperly mounted. 2. Any mismatch across any axle of air chamber size air chamber type 3. Any slack adjuster that will not adjust or hold adjustment 4. Any slack that has movement between the inner and out housings 5. In-correct slack adjuster length or type 6. Clevis pin has noticeable movement between pin and clevis yoke or slack adjuster arm other than rotational 7. Clevis pins missing 	ALL ARE PRIMARY
13.06	Hoses/Lines	<ol style="list-style-type: none"> 1 Hose with any damage extending through the outer reinforcement ply. 2 Bulge/swelling when air pressure is applied. 3 Hose with audible leak 4 Air hose cracked, broken, or crimped. 5 Air hose factory crimp rusted 	P. P. P. P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
13.07	Drums/Rotors	<ol style="list-style-type: none"> 1. Any portion of the drum or rotor (discs) improperly mounted, or missing. 2. If drums or rotors are at or exceeds the manufacturers specification 3. Drums with any external crack or cracks that open upon brake application 4. Any drum or rotor contaminated with grease or oil 5. Any rotor less than 1.46 in. or less in thickness 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
13.08	Linings/Pads	<ol style="list-style-type: none"> 1. Any lining(s) that is worn to the Manufacturer's wear mark. (if equipped) 2. Any axle with 2 piece linings that are worn to within 1/4" (measured at center) or less or 1/16" (above rivet or bolt head). 3. Any 1 piece lining on steering axle is less than 3/16" at thinnest point (includes hydraulic disc brake linings). 4. Wear is uneven 5. Lining has cracks larger than 1 1/2" or 1/16" wide or demonstrate movement during a brake application 6. Any air disc pad material 0.080 in. or less 	<p>All Primary</p>

CHASSIS	
13.09	<p>Driveshaft, safety loop</p> <ol style="list-style-type: none"> 1. Driveshaft is bent, cracked or otherwise distorted 2. Any driveshaft fastener is missing, broken or loose 3. Absence of any required guard/safety loop 4. Any slip yoke with .017 of play
	<p>P. P. P. P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
14.00	Universal Joints	<ol style="list-style-type: none"> 1. Any universal joint end cap which is cracked, or shows signs of rotating 2. Any u-joint that has .006 or more of end play 3. Any missing hardware 4. Any universal joint which shows visible signs that is not functioning as designed 	<p>P P P P</p>
14.01	Hanger/Carrier Bearings	<ol style="list-style-type: none"> 1. Hanger bearing mounting bolts which are missing or loose 2. Any bearing which has become completely dislodged from its rubber casing 3. A bearing which has excess movement in its outer bearing race 	<p>P. P. P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
	ENGINE		
14.02	Engine/Compartment	Any critical component that fails to perform its intended function	P.
14.03	Heat Shields	Any required heat shield(s) missing	P.
14.04	Operation	<ol style="list-style-type: none"> 1 Fails to start 2 Engine is not in proper running condition 	P. P.
14.05	Mounts	<ol style="list-style-type: none"> 1. Any missing or loose components 2. Any defective support that could result in engine shifting 3. Any part of the system not securely fastened 	P. P. P.
14.06	Leak	Any leak that could affect engine operation	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
14.07	Belts	<ol style="list-style-type: none"> 1. Any improperly installed belt 2. Any belt in such a condition that results in slippage, malfunction or is likely to break 	<p>P</p> <p>P</p>
14.08	Cleanliness	<ol style="list-style-type: none"> 1. Any accumulations of fluids or debris which may cause fire or release of toxic fumes 2. Any deposit which may render any critical components inoperative 3. Oil on the exhaust 4. Any fuel leak 5. Oil leak 6. Seep/weep 	<p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>S</p>
14.09	Noise abatement shield	Any required shield missing	S
15.00	Pollution Control Devices	Any original equipment pollution control device rendered inoperable or disconnected	P
15.01	Electrical Components	Evidence of charring or burning	P
15.02	Starter	<ol style="list-style-type: none"> 1. Fails to operate properly 2. Not properly fastened 	<p>P</p> <p>P</p>
15.03	Charging System	Fails to hold and maintain proper voltage	P

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
15.04	Battery & Cables	<ol style="list-style-type: none"> 1. Battery not properly secured 2. Dead battery 3. Damaged or missing parts that would result in malfunction and release of contents 4. Corroded battery terminals, connections, wires or frayed or worn wires 5. Battery compartment door will not open 6. Battery disconnect switch inoperative 	<p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
	FUEL SYSTEM		
15.05	Pump/lines/connection	Any vapor or liquid fuel leakage at any point Any part of the system not securely fastened	P P
	AIR SYSTEM		
15.06	Air Compressor	<ol style="list-style-type: none"> 1. Does not perform to manufacturer's Specifications (Build rate 85 PSI to 100 PSI in 45 seconds or less) 2. Not securely mounted 3. Leaking 	P P P
15.07	Line	Any line that leaks, is cracked, chaffed, flattened, broken, restricted, insecurely fastened or improperly retained or maintained	P
15.08	Connection	Any connection that leaks, is cracked, chaffed, flattened, broken, restricted, insecurely fastened or improperly retained	P
15.09	Mounting	Any part of the system not securely fastened	P
16.00	Dryer	Fails to function properly (Shows signs of discharging excessive oil, leaking, continually discharging air)	P

	EXHAUST		
16.01	Exhaust System	<ol style="list-style-type: none"> 1. Any part of the exhaust system missing or loose 2. Any exhaust pipe that does not extend beyond the body but not exceed one inch beyond the body. 3. Exhaust that is routed out the left side forward of the wheel is not to exceed 18" from the wheel or so close as to interfere with the tire or tire chains 4. No leaks 5. Any improperly mounted or routed exhaust. 	P
16.02	Heat Shields	Any required heat shield(s) missing	P
	TIRES/WHEELS/BEARINGS		
16.03	Front tires	<ol style="list-style-type: none"> 1. Any tire that fails to meet the performance and construction requirements as designed or intended. 2. Tire is flat or has noticeable leak 3. Has any cut in the side wall that exceeds 5/32" deep, cord exposed, or has bruises or bulges 4. Tread is rejected at 4/32" 5. No mismatched tread across the axle 6. No tire shall be worn more than one half of tread depth across the tire or axle 7. Tire has incorrect ply rating 	All Primary
16.04	Wheel/Rim (Front & Rear)	<ol style="list-style-type: none"> 1. Rim bent, broken, cracked, mismatched, improperly seated or damaged in such a manner that the structural integrity is compromised 2. No Welds (other than factory) 3. Rim shows evidence of being loose 	All Primary
16.05	Front Wheel Bearings	Has play which exceeds the manufacturer's specifications is normally .001 to .005	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
16.06	Lugs, Wheel Bolts, Nuts or Studs (Front & Rear)	Any are missing, damaged, loose or improperly installed	P.
16.07	Tire inflation (Front & Rear)	<ol style="list-style-type: none"> 1. Valve stem damaged or not accessible. 2. Must have metal valve cap with seal 3. Must be properly inflated 	P. S. P.
16.08	Rear tires	<ol style="list-style-type: none"> 1. Any tire that fails to meet the performance and construction requirements as designed or intended. 2. Tire is flat or has noticeable leak 3. Has any cuts in side wall that exceeds 5/32" deep, bruises or bulges 4. Tread is rejected at 2/32" 5. No mismatched tread 6. No tire shall be worn more than one half of tread depth across the tire or the axle 7. Tire has incorrect ply rating 	All Primary
16.09	Wheel spacer	If equipped: Shall not be bent, damaged and shall be properly installed	P.
17.00	Rear Wheel Bearings	Rear wheel bearings which are improperly installed or has end play which does not meet the manufacturer's specification (.001 to .010)	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
	STRUCTURE/FRAME		
17.01	Structural damage	Any damage that would compromise the structural integrity of the component. See Structural Repairs on page 7 of the maintenance and repair manual	P.
17.02	Frame/Uni-body	1. Any cracked, loose, or broken frame member. See Frame Repairs on page 7 of the maintenance and repair manual	P
17.03	Outriggers/Body Supports	1 Any body support/cross member missing, rusted out or improperly repaired. 2 Up to 3 body cross member cracked 3 3 in a row cracked or a total of more than 3 cracked 4 Any one outrigger mounting plate or fastener loose or cracked.	P S P. S.
17.04	Body Clamps/Insulators	1. Any 2 adjacent or total of 3 or more body clamps loose, broken or missing 2. More than 25% of the body to chassis insulator(s) deteriorated 3. Any 2 adjacent insulators or three in a row 4. Any single cross member making body to frame contact	P P P P

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
17.05	Body Cross Sills	Body cross members or sills are separated, shifted, corroded or damaged to a degree that would likely result in the structural integrity being deficient or any- body cross member contacting the frame	P
17.06	Bumpers	<ol style="list-style-type: none"> 1. Any bumper damaged to a degree that would likely result in the structural integrity being deficient. 2. Any bumper not secured properly 	P
17.07	Fuel Tank	<ol style="list-style-type: none"> 1. Any physical damage to the tank that affects its integrity 2. Any fuel tank leaking 3. Fuel cap leaking or missing 	P
17.08	Mounting Brackets Guard	<ol style="list-style-type: none"> 1. Any part of the fuel tank, or its mounting brackets are loose, missing or broken 2. Any required guard missing, broken or damaged 	P
17.09	Connections/Leaks	Any vapor or liquid fuel leakage at any point	P
	TRANSMISSION		
18.00	Leaks	The transmission or it's lines that are leaking fluid or leaking onto any exhaust system component	P.
18.01	Mounting	The transmission is not securely mounted or if any mounts are worn (.0155 gap), loose, broken or damaged	P.
18.02	Operation of transmission	<ol style="list-style-type: none"> 1 Defective neutral safety switch 2 The transmission fails to operate in any selected gear setting or fails to perform under normal operating conditions 	P. P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
18.03	Emergency/Parking Brake Assembly	If any mechanical parts of the emergency brake assembly are missing, frozen, broken or badly worn or leaks air	P.
18.05	Control or Cable, (Cable operated Park brake) Hoses, Lines	<ol style="list-style-type: none"> 1. Control is bent, loose or worn to a point where it cannot perform its intended function 2. Any cable that is missing, frozen, frayed or altered 3. Any hose or line which has an audible leak of air, or visible leak if fluid 4. A bulge/swelling when a hose or line is pressurized 5. A hose or line is cracked, broken or crimped 6. Hose abraded (chafed) cracked 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
	BODY EXTERIOR		
18.06	Structural damage	Any damage that would compromise the structural integrity of the component See Structural Repairs on page 8 of the maintenance and repair manual	P
18.07	Damage to body panels	<ol style="list-style-type: none"> 1. Any body panel that is loose, dislocated or protruding from the vehicle 2. Any minor damage to body panels 	<p>P.</p> <p>S.</p>
18.08	Body Corrosion/rust	<ol style="list-style-type: none"> 1 Any corrosion to the extent that would allow intrusion into the panel 2 Any corrosion to a panel or member that has developed into a stage that is loose, poorly secured or in danger of falling off 3 Surface rust or small rust holes in panels or members that has not met the above described condition <p>Note: Recommended repair would include corrective applications designed to prevent further corrosion</p>	<p>P.</p> <p>P.</p> <p>S.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
18.09	Body Paint	Is not of the required color or incorrect shade	S.
18.10	Bus Number	<ol style="list-style-type: none"> 1. Missing 2. Not legible 	S.
18.11	School Bus Decals	<ol style="list-style-type: none"> 1. Sign is missing 2. Sign is damaged or faded 	P.
19.00	Storage Compartments	Is not properly secured or latched and must operate freely	S.
19.01	Hood	<ol style="list-style-type: none"> 1 Missing, damage resulting in sharp edges or interference with other components 2 A hood not securely fastened, or a hood that does not operate as it was designed /intended. 3 Latches missing or damaged 4 Retaining springs/cables missing or damaged 	P.
19.02	Interior Engine Hood	<ol style="list-style-type: none"> 1. Defective Seals 2. Latches missing or damaged 	P.

19.03A	Exterior Mirrors & Brackets	<ol style="list-style-type: none"> 1 Any required mirror missing, broken, discolored or peeling (the size of a quarter or larger) or will not maintain a set adjustment 2 No additional mirror shall be installed. 3. Any Heated mirror that fails to heat properly 4. Any mirror that does not meet FMVSS 111. 	P.
			P.
			P.
			P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
19.03B	Interior Mirrors	<ol style="list-style-type: none"> 1. Any required mirror missing, broken, or will not maintain adjustment. 2. Any required mirror not of proper size, type or discolored in such a manner that would impair vision. 	P.
19.04	Lift door	<ol style="list-style-type: none"> 1 Does not operate freely or completely 2 Does not activate the required warning signal 3 Not securely mounted 	P.
19.05	Lift door Controls/Locking Device	Does not operate as designed	P.
			P.

19.06	Lift door Seals	1 Any seal that does not seal properly 2 Damaged or loose	P.
19.07	Lift/Ramp Operation	1 Fails to operate as required 2 Any component that fails to operate as designed 3 Hydraulic system fluid leaks	P. P. P.
19.08	Lift/Ramp Mounting	Is not secured or damaged	P.
	LIGHTING	Note: Vehicle LED lamps, including loading lights, must have more than 25% of the diodes unlit to be considered not working. (Per NCST)	
19.09	Lighting	Any deteriorated or defective covering	S

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
20.00	Headlights/Daytime Running Lights/Fog Lamps Note: Daytime Running Lamps must operate as designed.	1 Any light or control that fails to function as designed/intended 2 Not properly adjusted 3 Any lens is broken, faded, fogged, or dirty 4 Light/lens not of proper type. Any lamp that is not securely mounted	P. P. P. P.
20.01	Clearance Lights	1 Does not operate as designed (unless risk of fire) 2 Faded or damaged 3 Lens not of proper type or color	S. S. S.

20.02	Reflectors/Reflective Tape	<ol style="list-style-type: none"> 1 Any reflector that fails to function as designed/intended 2 Any reflector that is broken or missing 3 Lens not of proper type or color 4 Any reflective tape missing 5 Any reflective tape damaged or faded 	S. S. S. P. S.
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NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
20.03	Stop/Tail Lights	<ol style="list-style-type: none"> 1. Any light or control that fails to function as designed/intended 2. Any lens that is broken, faded, dirty or fogged over 3. Light/lens not of proper type or color 4. Any lamp that is not securely mounted 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
20.04	Emergency Flashers	<ol style="list-style-type: none"> 1. Any light or control that fails to function as designed/intended 2. Any lens that is broken 3. Light/lens not of proper type or color 4. Any lamp that is not securely mounted 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
20.05	Directional Signal	<ol style="list-style-type: none"> 1. Any light or control that fails to function as designed/intended 2. Any lens that is broken 3. Light/lens not of proper type 4. Any lamp that is not securely mounted 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
20.06	Reverse Light/Beeper Beeper must meet minimum of 112 DB	<ol style="list-style-type: none"> 1. Any light, beeper or control that fails to function as designed/intended 2. Light/lens not of proper type 3. Any lamp that is not securely mounted 	<p>P.</p> <p>P.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
20.07	Loading Lights	<ol style="list-style-type: none"> 1. Any light or control that fails to function as designed/intended 2. Any lens that is broken or Light/lens not of proper type 3. Any lamp that is not securely mounted 	<p>P.</p> <p>P.</p> <p>P.</p>
20.08	Crossing Gate	<ol style="list-style-type: none"> 1. Does not operate as designed/ intended 2. Missing or damaged 3. Air Leaks (air operated only) 4. Magnet or holding device defective 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
20.09	Stop sign	<ol style="list-style-type: none"> 1. Does not operate as designed/intended 2. Missing or damaged 3. Faded 4. Air leaks 	<p>P.</p> <p>P.</p> <p>S.</p> <p>P.</p>

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
21.00	<p>INTERIOR</p> <p>Exit or Entrance Door</p>	<ol style="list-style-type: none"> 1. Does not operate freely or completely 2. Does not operate as designed (ex. Does not hold fully closed or open) 3. No air leaks 4. Incorrect glass 5. Air operated door emergency release is missing or inoperable, 6. Emergency release instructions are missing or not legible. 7. No broken or cracked glass 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
21.01	Cleanliness /Interior Items	<ol style="list-style-type: none"> 1. Any unsanitary conditions. 2. Any accumulation of dust, paper, dirt, candy, gum, mold or mildew 3. Unclean windows or dirty windows 4. Unapproved or loose items including brooms 5. Unapproved/unsecured trash can. (Trash can size shall not impede entry and exit of the bus and must be collapsible. (5 gallon buckets or similar containers are not permissible.) 6. Aerosol cans or non-labelled spray bottles. (Spray bottles must be stored out of sight) 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
21.02	Steering Wheel	Cannot be bent, broken, or loose	P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
21.03	Steering Column	<ol style="list-style-type: none"> 1. No loose or missing parts: Must operate properly. (cannot tilt or telescope when in the lock position) 2. Excessive play (Check individual manufacturers specifications) (In other words the column should not move much.) 	<p>P.</p> <p>P.</p>
21.04	Horn	<ol style="list-style-type: none"> 1. Not present 2. Not securely mounted 3. Not working properly (must have both tones operable) 	<p>P.</p> <p>P.</p> <p>P.</p>
21.05	Directional Signal Switch	<ol style="list-style-type: none"> 1. Any switch that must be manually held in place for the desired function is defective 2. Any switch which fails to operate 3. Any switch which fails to cancel 	<p>P.</p> <p>P.</p> <p>S.</p>

21.06	Clutch Pedal	<ol style="list-style-type: none"> 1. Must operate without binding. Must return completely or does not engage or disengage completely 2. Does not have at least 1 ½" of free travel and not more than 2" of free travel 3. Clutch switch does not operate properly (Allows bus to start with the clutch engaged ex. Pedal up) 4. Pedal pad missing or damaged 	P. S. P. P.
21.07	Brake Pedal	<ol style="list-style-type: none"> 1. Must operate without binding, must return completely. 2. Does not have any reserve pedal travel on hydraulic brake systems. 3. Pedal pad damaged or missing 	P. P. P.
NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
21.08	Accelerator Pedal	Must operate without binding and return completely.	P.
	WINDSHIELD (per FMVSS)		
22.00	Windshield	<ol style="list-style-type: none"> 1. Any glass or glazing that is broken through or missing (393.60) 2. Any glass not of approved type (393.60(a)) 3. Windshield has discoloration or other damage in that portion extending upward not more than one inch, but not including a 2 inch border at the top and a 1 inch border at each side of the windshield or each panel thereof, except as follows: <ol style="list-style-type: none"> a. Color or tint applied by the manufacturer for the reduction of glare b. Any crack not over ¼ inch long, if not intersected by any other crack 4. Any damaged area, that can be covered by a disc ¾ inch in diameter, if not closer than 3 inches to any other such damaged area and d. Driver's side area window(s) have chips, clouding, or cracks that obscure the driver's vision (393.60(c)) 5. No operable defrosting and defogging system to clear the driver's windshield (571.103) 	All Primary

NO	INSPECTION ITEM	DEFECT	DEFECT RATING
22.01	Wipers/Motors	<ol style="list-style-type: none"> 1. Not equipped with proper size of wipers originally installed. 2. Wiper blade with torn rubber 3. Metal in contact with the windshield 4. Does not work 5. Does not operate freely 6. Is improperly adjusted 	<p>P. P. P. P. P. S.</p>
22.02	Windshield Washers	<ol style="list-style-type: none"> 1. Not working 2. Not properly adjusted (spray pattern) 	<p>P. S.</p>
22.03	Sun Visor	<ol style="list-style-type: none"> 1. Missing or will not adjust or damaged 2. Not clean 	<p>P. S.</p>
22.04	Interior Lights	<ol style="list-style-type: none"> 1. Does not work as designed (But there is no risk of fire) 2. Interior lamps not installed on two circuits so that lamps in front half and lamps in rear half of bus is on separate circuits. 3. A step-well light which does not adequately illuminate step-well or does not illuminate when the service door is opened 	<p>S. S. P</p>

22.05	Heaters	<ol style="list-style-type: none"> 1. Inadequate fan shield 2. Inoperative or if fire hazard exists 3. Noisy or not properly maintained 4. Leaks 5. Delivers inadequate heat (NOTE: Seasonal considerations apply) 	<p>P</p> <p>P</p> <p>S</p> <p>P</p>
22.06	Defroster	Any defroster system not working or is inadequate to clear driver viewing area.	P.
NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
22.07	Air Conditioning	Must operate properly seasonal considerations apply and if no danger of fire exists	S.
22.08	Noise suppression system	Does not work as designed (does not turn off all heaters, fans, AC., and AM/FM radio)	P.
22.09	Gauges	All gauges shall work properly	P.
23.00	Speedometer	Speedometer must operate properly.	P.
23.01	Brake Warning Light/Buzzer	Any required brake warning light/buzzer missing, defective or not working properly (Must activate by 60 PSI and remain activated until air pressure is above 60 PSI)	P.
23.02	Illumination	<ol style="list-style-type: none"> 1. Lamps in all gauges out 2. Partial illumination 	P. S.

23.04	Fire Extinguisher	<ol style="list-style-type: none"> 1. Missing 2. Not of proper type/size 3. Not properly mounted 4. Does not have current inspection tag or properly maintained 5. Safety pins or break away tie missing 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>
23.05	First Aid Kit	<ol style="list-style-type: none"> 1. Missing or missing items 2. Not of approved type/size 3. If not visible (where it is stored must be identified) 	<p>P.</p> <p>P.</p> <p>S.</p>
23.06	Body Fluid Clean Kit	<ol style="list-style-type: none"> 1. Missing or Missing items 2. If not visible (where it is stored must be identified) 	<p>P.</p> <p>S.</p>
NO	INSPECTION ITEM	DEFECT	DEFECT RATING
23.07	Triangle Reflectors, Wheel Chocks	<ol style="list-style-type: none"> 1. Missing or damaged 2. Not of approved type 	<p>P.</p> <p>P.</p>
23.08	Blankets (Lift equipped Buses)	<ol style="list-style-type: none"> 1. Missing 2. Not of approved type 3. Not securely mounted or mounted correctly 	<p>P.</p> <p>P.</p> <p>P.</p>
23.09	Seat Belt Cutters (Lift equipped buses shall have an additional belt cutter in rear of bus)	<ol style="list-style-type: none"> 1. Missing 2. Not of approved type 3. Not securely mounted 4. Not accessible to driver from a seated & belted position 	<p>P.</p> <p>P.</p> <p>P.</p> <p>P.</p>

24.00	Floor Covering	<ol style="list-style-type: none"> Any deteriorated or damaged flooring. Any deteriorated or damaged flooring that would present a tripping hazard 	S. P.
24.01	Metal Strip/floor trim	<ol style="list-style-type: none"> Loose, missing, or damaged Loose, missing or damaged that would present a tripping hazard 	S. P.
24.02	Step-well	<ol style="list-style-type: none"> Any deteriorated or defective covering. Any deteriorated or defective covering that would present a tripping hazard Inner and outer stepwell light inoperative or dim 	S. P. P.

NO	INSPECTION ITEM	DEFECT	DEFECT RATING
24.03	Aisle/Floor	<ol style="list-style-type: none"> Any deteriorated or defective covering. Any defective flooring which would present a tripping hazard Any defective flooring that presents a structural deficient or exposes the base floor 	S. P. P.
	SEATS		
24.05	Seat/Barriers	<ol style="list-style-type: none"> Not of proper type and/or missing Not secured properly Improper Spacing 	P. P. P.
24.06	Seat Frames	<ol style="list-style-type: none"> Broken, loose or bent Not secured properly Frames shall be seat belt ready if used in conjunction with lap belts for CRS installation 	P. P. P.

24.07	Upholstery	<ol style="list-style-type: none"> 1. Upholstery ripped, torn, or separated 2. Any seat material so defective that the integrity of passenger protection and safety is affected. (which includes the operator's seat) 	S.
24.08	Padding and Seat Cushions	<ol style="list-style-type: none"> 1. Any defective padding and unsecured cushions that affects passenger safety 2. Seat cushion must be latched if equipped with latches. 	P. P.
24.09	Driver's Seat	<ol style="list-style-type: none"> 1. Improperly secured or not approved for school bus use 2. Not able to adjust or hold adjustment 3. Not able to meet required spacing regulations 4. Missing, damaged or inoperable seat belt. 	P. P. P. P.

NO.	INSPECTION ITEM	DEFECT	DEFECT RATING
25.00	Seat Belts	Missing, inoperative, frayed, dirty and defective seat belt assembly or does not meet FMVSS requirements.	P.
25.01	Wheelchair Securement Devices	<ol style="list-style-type: none"> 1. Any defective or improperly installed wheelchair securement component or does not meet FMVSS requirements 2. No miss-matched wheelchair securement devices. 3. Improperly stored or maintained (anytime not actively securing a wheelchair) 	P. P. P.
25.02	Track Flooring	<ol style="list-style-type: none"> 1. Any deterioration of track or bolts, any missing mounting hardware 2. Tracks not cleaned and properly maintained. 	P. S.
25.03	Handrail/Clearance	<p>Fails to pass drawstring test procedure</p> <p>Not securely mounted</p>	P. P.

NO	INSPECTION ITEM	DEFECT	DEFECT RATING
25.04	Emergency Door(s)	<ol style="list-style-type: none"> 1. Does not open freely or completely 2. Is blocked 3. Door safety prop inoperable or missing (per FMVSS 217 & NCST) 4. Not properly identified 	<p>P.</p> <p>P.</p> <p>P.</p> <p>S.</p>
25.05	Ignition Interlock/Vandal Lock	<ol style="list-style-type: none"> 1. Latch does not operate freely or hold door in a closed position 2. Interlock system not working properly 	<p>S.</p> <p>P.</p>
25.06	Door Seals	<ol style="list-style-type: none"> 1. Any seal that does not seal properly 2. Damaged or loose 	<p>P.</p> <p>S.</p>
25.07	Operation of emergency door/ Buzzer (s)	Does not function properly	<p>P.</p>
25.08	Emergency Windows	<ol style="list-style-type: none"> 1. Fails to function correctly/does not open freely 2. Missing or damaged components 3. Buzzer (s) not working properly 	<p>P.</p> <p>P.</p> <p>P.</p>
25.09	Roof Hatches	<ol style="list-style-type: none"> 1. Fails to function correctly/does not open freely 2. Missing or damaged components (hatches shall not be mismatched) 	<p>P.</p> <p>P.</p>

NO	INSPECTION ITEM	DEFECT	DEFECT RATING
26.00	Emergency Exit Lettering	<ol style="list-style-type: none"> 1. Required lettering missing, not legible or not clearly defined 2. Operating instructions not visible from the inside or within six inches of the handle. 	P P.
26.01	Window Frames	Loose or has sharp edges	P.
26.02	Glass	<ol style="list-style-type: none"> 1. Not of approved type 2. Broken/damaged or has exposed sharp or jagged edges 3. Any condition that obscures the driver's vision 4. Latch does not operate properly 	P. P. P. S.
26.03	Interior Panels	Any condition that would likely cause a safety issue (sharp edges, protruding fasteners, etc.) or compromise the structural integrity of the vehicle.	P.
26.04	Ceiling Panels	Any condition that would likely cause a safety issue (sharp edges, protruding fasteners, etc.) or compromise the structural integrity of the vehicle.	P. P.
26.05	Side Panels	Any condition that would likely cause safety issue (sharp edges, protruding fasteners, etc.) or compromise the structural integrity of the vehicle	P. P.
26.06	Wheel Housings	Any defective wheel housing that would allow intrusion of outside elements	P.

26.07	Registration, Insurance, Rules & Policy 4336	Any missing	S
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