

Periodic Mandatory Vehicle Inspections - Inspection Checklist

This list is the Table of Contents for National Safety Code Standard 11 Part B

Inspection Mechanic:

Vehicle Identifier:

Date:

	Truck	Trailer	Bus
Section 1 – Power Train			
1. Accelerator Pedal/Throttle Actuator	●		●
2. Exhaust System	●		●
3. Emission Control Systems and Devices	●		●
4. Drive Shaft	●		●
5. Clutch and Clutch Pedal	●		●
6. Engine/Transmission Mount	●		●
7. Engine Shut Down	●		●
8. Engine Start Safety Feature	●		●
9. Gear Position Indicator	●		●
10. Engine or Accessory Drive Belt	●		●
11. Hybrid Electric Vehicle & Electric Vehicle Power Train System	●	●	●
12. Gasoline or Diesel Fuel System	●	●	●
13. Pressurized or Liquefied Fuel System (LPG, CNG and LNG)	●	●	●

Section 2 – Suspension			
1. Suspension & Frame Attachments	●	●	●
2. Axle Attaching & Tracking Components	●	●	●
3. Axle & Axle Assembly	●	●	●
4. Spring & Spring Attachment	●	●	●
5. Air Suspension	●	●	●
6. Self-Steer and Controlled-Steer Axle	●	●	●
7. Shock Absorber/Strut Assembly	●	●	●

Section 3 – Brake Systems

This section contains the information regarding the Internal Brake Component inspection requirements for all inspections!

	Truck	Trailer	Bus
Section 3H – Hydraulic Brakes			
1. Hydraulic System Components	●	●	●
2. Brake Pedal/Actuator	●		●
3. Vacuum Assist (Boost) System on Truck or Bus	●		●
4. Hydraulic Assist (Boost) System on Truck or Bus	●		●
5. Air Assist (Boost) System on Truck or Bus	●		●
6. Air-Over-Hydraulic Brake System	●	●	●
7. Surge Brake Controller on Trailer		●	
8. Vacuum System on Trailer		●	
9. Air-Boosted Trailer Brake System		●	
10. Electric Brake System on Trailer		●	
11. Brake System Indicator Lamps	●		●
12. Drum Brake System Components	●	●	●
13. Disc Brake System Components	●	●	●
14. Mechanical Parking Brake	●		●
15. Spring-Applied Air-Released (SAAR) Parking Brake	●		●
16. Spring-Applied Hydraulic-Released (SAHR) Parking Brake	●		●
17. Anti-Lock Brake System (ABS) on a Truck or Bus	●		●
18. Stability Control System	●		●
19. Brake Performance	●	●	●

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Section 3A – Air Brakes			
1. Air Compressor	●		●
2. Air Supply System	●		●
3. Air System Leakage on a Trailer		●	
4. Air Tank	●	●	●
5. Air Tank Check Valves	●		●
6. Brake Pedal/Actuator	●		●
7. Treadle Valve and Trailer Hand Valve	●		●
8. Brake Valves & Controls	●		●
9. Proportioning, Inversion or Modulating Valve	●		●
10. Towing Vehicle (Tractor) Protection System	●		●
11. Parking Brake and Emergency Application on Truck or Bus	●		●
12. Parking Brake and Emergency Application on Trailer		●	
13. Air System Components	●	●	●
14. Brake Chamber	●	●	●
15. Drum Brake System Components	●	●	●
16. S-Cam Drum Brake System	●	●	●
17. Brake Shoe Travel (Wedge Brakes)	●	●	●
18. Disc Brake System Components	●	●	●
19. Anti-Lock Brake System (ABS) on Truck and Bus	●		●
20. Anti-Lock Brake System (ABS) on Trailer		●	
21. Stability Control System on Truck or Bus	●		●
22. Stability Control System (Electronic Stability Control [ESC] or Roll Stability System [RSS]) on Trailer		●	
23. Brake Performance	●	●	●

Section 4 - Steering			
1. Steering Control and Linkage	●	●	●
2. Power Steering System (Hydraulic and Electric)	●		●
3. Steering Operation (Active Steer Axle)	●		●
4. Kingpin	●	●	●
5. Self-Steer and Controlled-Steer Axle	●	●	●

Section 5 - Instruments & Auxiliary Equipment			
1. Fire Extinguisher	●	●	●
2. Hazard Warning Kit	●		●
3. Horn	●		
4. Instruments and Gauges on a Bus			●
5. Speedometer	●		●
6. Odometer	●		●
7. Windshield Wiper/Washer	●		●
8. Heater & Windshield Defroster	●		●
9. Fuel-burning Auxiliary Heater	●		●
10. Chain/"Headache" Rack	●		●
11. Auxiliary Controls and Devices	●		●
12. Auxiliary Drive Controls	●		
13. On-board Auxiliary Equipment on a Bus			●
14. First Aid Kit on a Bus			●
15. Accessibility Features and Equipment on a Bus			●

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Section 6 – Lamps			
1. Required Lamps	●	●	●
2. Reflex Reflector	●	●	●
3. Retro-Reflective Marking	●	●	●
4. Instrument Panel Lamp	●		●
5. Headlamp Aim			●
6. Interior Lamps on a Bus			●
7. School Bus Additional Lamps			●
Section 7 – Electrical System			
1. Wiring	●	●	●
2. Battery	●		●
3. Trailer Cord (output to towed vehicle)	●	●	●
4. Alternator Output on a School Bus			●
Section 8 – Body			
1. Hood or Engine Enclosure	●		●
2. Tilt Cab	●		
3. Air-Suspended Cab	●		
4. Cab and Passenger-Vehicle Body	●		●
5. Cargo Body	●	●	
6. Frame, Rails & Mounts	●	●	●
7. Unitized Body Elements	●	●	●
8. Cab or Cargo Door	●	●	
9. Cargo Tank or Vessel	●	●	
10. Body, Device or Equipment Attached or Mounted to the Vehicle	●	●	●
11. Refrigeration/Heater Unit Fuel System (Reefer or Auxiliary Power Unit [APU])	●	●	●
12. Bumper	●		●
13. Windshield	●		●
14. Side Windows	●		●
15. Rear Window	●		●
16. Interior Sun Visor	●		●
17. Exterior Windshield Sun Visor	●		●
18. Rear-view Mirror	●		●
19. Seat	●		●
20. Seat Belt/Occupant Restraint	●		●
21. Fender/Mud Flap	●	●	●
22. Landing Gear on Trailer		●	
23. Sliding Axle Assembly (Sliding Bogie) on Trailer		●	
24. Aerodynamic Device and Attachment	●	●	●
25. Rear Impact Guard (RIG) on Trailer		●	
26. Floor Pan/Baggage Floor/Step Well on a Bus			●
27. Interior Body and Fixtures on a Bus			●
28. Service and Exit Door on a Bus			●
29. Emergency Exit (Door, Window and Roof Hatch) on a Bus			●
30. Passenger Compartment Window on a Bus (Except Emergency Exit Window)			●
31. School Bus Exterior Mirror (Except Standard Left and Right Side Mirror)			●
32. Passenger Seat on a Bus			●
33. School Bus Body Exterior			●
34. Auxiliary Compartment on a Bus			●

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Section 9 – Tire and Wheel			
1. Tire Tread Depth	●	●	●
2. Tire Tread Condition	●	●	●
3. Tire Sidewall and Manufacturer Markings	●	●	●
4. Tire Inflation Pressure	●	●	●
5. Wheel Hub	●	●	●
6. Wheel Bearing	●	●	●
7. Wheel/Rim (Applies to all wheel types)	●	●	●
8. Multi-Piece Wheel/Rim	●	●	●
9. Spoke Wheel/Demountable Rim System	●	●	●
10. Disc Wheel System	●	●	●
11. Wheel Fasteners (Nuts, Bolts and Studs)	●	●	●

Section 10 – Coupling Devices			
1. Hitch Assembly, Structure and Attaching Components	●	●	●
2. Secondary Attachment (Safety Chain or Cable)	●	●	●
3. Pintle Hook, Pin Hitch, or Coupler Hitch	●	●	●
4. Ball Type Hitch	●	●	●
5. Roll-Coupling Hitch	●	●	●
6. Automated Coupling Device	●	●	●
7. Fifth Wheel Coupler	●	●	
8. Oscillating Fifth Wheel Coupler	●	●	

Appendix A			
1. Liquefied Petroleum Gas (LPG or Propane) Fuel System	●	●	●
2. Compressed Natural Gas (CNG) Fuel System	●	●	●
3. Liquefied Natural Gas (LNG) Fuel System	●	●	●