

School Bus Pre-Trip Inspection Test

Cab Check & Engine Start

School bus will be parked with engine off, transmission in neutral, parking brake set, wheels chocked and steering wheel turned all the way to the right or left.

Engine Start	
1. Seat Belt	Check that it is securely mounted, latches properly and is not ripped or frayed. Fasten seat belt. Fasten seat belt whenever you are in Seat.
2. Safe Start	Parking brake set. Transmission in Neutral Start Engine Tell Examiner you are doing a safe start.
3. Check the following Gauges for proper operation:	NOTE: Gauges may be dials or electronic readouts on LED display. Point them out to examiner .
a. Oil Pressure	Should rise up to operating range within a few seconds and warning lite should go out. Idle should be 5-20 PSI, Operating range should be 35-75 PSI. If it does not go above 5 PSI, shut engine off.
b. Temperature gauge	Should start to rise up to normal operating range of 165-185.
c. Air Gauge	Should rise to governor cut-out, 120-140 psi.
d. Ammeter/Voltmeter	Should show that alternator is charging, 12 – 16 volts, and warning light should be off.
4. Steering Wheel	Check for excessive play, no more than 10° (about 2”) each way, and bring tires back to center.

5. Mirrors – Flat, Convex, Crossover, Student(Inside)	Adjust your mirrors and be sure remote controls work if equipped. Mirrors should be clean and secure.
6. Windshield	Should be clean with no illegal sticker(s), obstructions or damage to glass.
7. Wipers/ Washers	Check that arms and blades are secure and operate properly. Windshield washers must operate properly.
8. Lights/Indicators	Check to ensure switch operates properly and dash indicators work properly.
a. Left & Right Turn Signal	
b. Four-way Emergency flashers	
c. High beam head light	
d. Back up Lights and Beeper	
e. Amber warning Lights	
f. Red Warning lights and Stop Arms	
g. Driver compartment lights	
h. Passenger compartment headlights	
9. Horn	Check for operation
10. Heater/Defroster	Check for operation
11. Air Brake Check	Ensure chocks are in place and shut off engine and release (push in) parking brake.
a. Applied Pressure Test	Turn ignition to “on” position. DO NOT START ENGINE. Fully apply foot brake and hold it down for 1 minute. Pressure should not drop more than 3 PSI.

b. Low Pressure Warning	Press and release the foot brake until the Low Pressure warning light and buzzer come on. Air pressure should be between 60-70 PSI.
c. Spring Brake	Continue to apply and release pedal until the parking brake (yellow diamond) pops out. Pressure should be approximately 40 PSI.
12. Restart engine and rebuild pressure to 120-140 PSI or governor cut-out.	
13. Tell examiner that you will perform Parking Brake Test and Service Brake Test after the External Inspection is complete.	