

School Bus Pre-Trip Inspection Test

Under the Hood

School bus shall 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 Compartment (Engine Off)	
1. Leaks	Look for puddles on the ground and dripping fluids from engine and transmission as you approach vehicle.
Open Hood	
1. Leaks/Hoses	Inspect hoses for condition and leaks.
2. Oil Level	Check dipstick for fluid level above refill mark
3. Coolant Level	Inspect reservoir sight glass or container for visible coolant level.
4. Power Steering Fluid	Indicate where dip stick is located and check fluid level
5. Belts	Check for up to 3/4" play in belts, fraying or cracks. NOTE: If any of the items below <u>not belt driven</u> YOU must tell the examiner.
a. Power Steering Belt	Identify belt to Power steering pump. If gear driven tell examiner that water pump is gear driven.
b. Water Pump Belt	Identify belt to water pump
c. Alternator Belt	Identify belt to Alternator
d. Air compressor Belt	Identify belt to air compressor. If gear driven tell examiner that air compressor is gear driven.
Tell Examiner that you are going to do part of your External inspection now while you have the hood open.	

6. Steering Box /Hoses	Check for security, no leaks from box or hoses, hoses not damaged, no missing nuts, bolts or cotter keys.
7. Steering Linkage	Check connecting arms, links, and rods are not damaged, worn or cracked and there are no missing nuts, bolts, or cotter keys.
8. Suspension - Front leaf springs	Check for damaged, cracked, or broken leaf springs.
9. Suspension - Mounts	Check for cracked or broken spring hangers, U-bolts, bushings, missing bolts or nuts.
10. Suspension – Shock Absorbers	Check for leaks and ensure they are secure
11. Front Brakes – Slack Adjustors & Pushrods.	Tell Examiner that slack adjustors are automatic and you are checking for broken, loose or missing parts.
12. Front Brakes – Brake Chambers	Check for leaks, cracks, dents or other signs of damage and are securely mounted.
13. Front brakes – Hoses/Lines	Check for cracked, worn, or leaking hoses and couplings.
14. Front Brakes – Drum/lining	Check for cracks, dents, holes, loose or missing parts. Look for contaminants such as grease or oil or other debris. Tell Examiner that brake linings are not visible.
Tell Examiner that you are closing the hood and going to the cab to perform your safe start. Close and secure the hood.	