

Class A Checklist

Tractor Semi-Trailer

1. In-Vehicle/Engine Start

air brake	#1 -Build air to governor cut off at approx 130psi & identifies the cutoff pressure to the vehicle. Manual Trans - put truck into low gear, turn off engine. Auto Trans – press brake pedal and turn off engine. Turn key back on to Acc. Press in both brake valves (yellow & red) wait for air to stabilize. #2 - Hold brake pedal for 1 minute, can't lose more than 4psi in 1 minute #3 -Fan brake pedal until low air warning comes on before 55 psi. State PSI reading at alarm. #4 -Fan brake pedal until both brake valves on dash pop out between 20 & 45 psi. State PSI reading when valves release. ***AUTOMATIC FAILURE IF NOT PERFORMED CORRECTLY***
Parking & trailer brake check	Tug against trailer & tractor brakes separately
service brake check	Drive forward to 5mph, apply brake, should not veer to left or right.
lighting indicators	Check dash indicators – left & right turn signals, hazards, high beam, ABS & DEF
emergency equipment	Fire extinguisher – Secured & properly charged / 3 reflective triangles & Spare fuses
Windshield & traffic monitoring devices	Windshield not cracked, clean & no illegal stickers. Traffic monitoring devices – clean & adjusted to properly
Wipers & washers	Wiper arms and blade are secure, not damaged. Must operate correctly. Washer fluid , must demonstrate washers operate correctly.
Heater & defroster	Must check both defrost and either floor or vent heater
horn(s)	Demonstrate that City & highway horns function

2. Lights Operation Check

all external lights	At this point, you will ask the examiner to exit the vehicle and please inspect the exterior lights. You will ask them to inspect the front lights, then the side lights, the rear lights and the passenger side lights on the vehicle
Front	L-R-4-C-HL-HB
Side	L-4-C-R
Rear	L-R-4-TL-BL-C

3. Front of Vehicle/Engine Area

lenses	check all lenses on front of vehicle. Not damaged, missing and proper color
fluid levels	Engine Oil / Coolant / Power Steering/Hydraulic Fluid. Describe how to check each item.
Fluid & air leaks	Check under vehicle for fluid leaks, inspects hoses & air lines. listen for air leaks
steering systems	Steering box: Properly mounted & secured not BBC & not leaking Steering hoses: Not cracked, worn or leaking Steering linkage: - Pittman Arm / Drag Link / Steering Arm: Not worn or cracked and joints and sockets are not worn or loose. - Castle nuts / Cotter Pins: No missing nuts, bolts and cotter pins

4. Steering Axle

tires	I.C.D. Inflation – say you will check with pressure gauge / Condition – cuts, bulges, even wear Depth – say you will check with a tread depth gauge, no less than 4/32 of an inch.
rims	Not BBC (bent, broken or cracked), no welds
lug nuts	Not missing or lose. No rust trails or shiny threads that may indicate a loose nut
Springs / mounts & U-Bolts & shocks	Springs & mounts properly mounted & secured not BBC. Shocks properly mounted and secured, not BBC and not leaking. Vehicle is not leaning, which Would indicate a suspension problem. U-bolts : Not broken, missing or loose. Air-bags : Not damaged & not leaking.
brake lines or hoses & leaks	Not cracked, worn or frayed & not leaking, couplings & fittings are secure
brake contamination	Check for grease & oil that could affect braking

5. Side of Vehicle

Lenses & reflectors	Check all lenses & reflectors, not broken, missing, clean proper color.
traffic monitoring devices	Properly mounted & secured, not BBC.
battery	No signs of excessive corrosion, cables not cracked or worn, battery box cover is secured.
fuel tank(s)/DEF tank	Properly mounted & secured, not BBC & not leaking. Check that caps are secured and seals are in place & not leaking.
frame(s)	No holes, cracks or illegal welds or other damage to truck and trailer frames. No cracks, breaks or holes in floor. Tandem release lever and pins are secured.

6. Combination Vehicles Only

Air & electric lines & connectors	Line connectors for tractor and Trailer are seated & sealed, no missing or bend pins. Air Lines are not worn, cut or cracked. Not dragging on vehicle parts. Electric line : Not cut, cracked spliced or taped, no exposed wires.
fifth wheel skid plate	Properly mounted & secured, not BBC, properly lubed.
kingpin, apron & gap	King pin : Properly mounted and secured not bent or broken. Apron : properly mounted & secured not BBC. No gap between skid plate and apron
Locking & safety devices	Locking jaws secured around king pin, not BBC, release arm is in the locked position, properly mounted & secured not BBC. Fifth Wheel Pins in locked position.

7. Trailer Only

landing gear & clearance	Properly mounted & secured, not BBC. Fully raised. Proper spacing between Landing gear and rear of tractor/mud flaps. Handle is secured.
reflective tape	Inspects that reflective tape on the sides (50%) and rear (100%) of the trailer are present and affixed securely to the vehicle.

8. Rear of Trailer

Lenses & reflectors	Inspects that all lenses and reflectors are clean, proper color, not broken or missing
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If you remembered that you forgot something, you may go back and inspect that item or items before you say you are done with the pre-trip.