

Class A Checklist

Tractor Semi-Trailer

Note – BBC = bent, broken or cracked

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

#4-Fan brake pedal until both brake valves on dash pop out around 25 psi. State PSI reading

*****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**

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

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 **Properly mounted & secured not BBC**

Drag Link **Properly mounted & secured not BBC**

Control Arm **Properly mounted & secured not BBC**

Castle nuts **Properly mounted & secured not BBC & present**

Cotter Pins **Properly mounted & secured not BBC & present**

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 BBC, missing or lose. No rust trails or shiny threads that may indicate a loose nut**
- ☐ springs/mounts & 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.**
- ☐ 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**

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.**

Combination Vehicles Only

- ☐ Air & electric lines & connectors **Line connectors for tractor and Trailer are seated & sealed. Lines are not worn, cut or cracked. Not dragging on vehicle parts.**
- ☐ fifth wheel skid plate **Properly mounted & secured, not BBC, properly lubed.**
- ☐ kingpin, apron & gap **King pin & 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.**

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 and rear of the trailer are present and affixed securely to the vehicle.**

Rear of Trailer

- ☐ Lenses & reflectors **Inspects that lenses and reflectors are clean, proper color, not broken or missing**

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.