



Training Academy

Division of Maintenance and Operations

In-Cab Inspection w/ Brake Check

Safety Items

- Fire Extinguisher:** Properly charged and rated. And it is properly mounted and secured.
- Triangles:** There must be three, properly mounted and secured, clean, and not broken or cracked.
- Fuses:** Check for spare fuses. If vehicle does not use fuses, mention to tester.
- Seatbelt:** Properly mounted and secured, latches and unlatches, adjusts properly, and not cut or frayed.
- Horn(s):** Test horn(s) is working properly. Both street and air horn if equipped. (This may be part of the next section as some trucks require key on to test).

Key on, Engine off (must say this and demonstrate)

- Mirrors:** Clean, not cracked, properly adjusted, and no illegal stickers.
- Windshield:** Properly mounted and secured, not cracked, and no illegal stickers.
- Wipers:** Arms and Blades are properly mounted and secured and have no damage. Wiper fluid must work properly.
- Heater/Defroster:** Must ensure both work properly.
- Dashboard Indicator Lights:**

<input type="checkbox"/> High Beams	<input type="checkbox"/> Right Turn
<input type="checkbox"/> Left Turn	<input type="checkbox"/> 4-way Flashers

Safe Start:

- Parking brake is set**
- Transmission is in neutral:** (clutch is depressed if equipped)
- Start engine and ABS Light came on and went off**

Gauges:

- Oil Gauge:** The gauge is working, rising to or at proper operating range, and there are no warning lights.
- Temperature Gauge:** The gauge is working, rising to or at proper operating range, and there are no warning lights.
- Ammeter/Voltmeter:** The gauge is working, the volts are between 12 and 14 volts, and there is no warning lights
- Air Gauges (2):** The gauges are working, rising to or at proper operating range, and there are no warning lights (mention if warning is going off).



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I will now start my brake test:

- Wheels chocked/In flat area where you will not roll**
- Bring pressure up to governor cut out:** Typically around 125psi (listen for the Pshhh!)
- Turn Engine off, Key on, Parking Brake Pushed In**
- 1 - Applied Test (leaks):** Depress brake pedal, time for one minute, and cannot lose more than 3 psi for Class B and 4 psi for Class A
- 2 - Low Pressure Warning Test:** Fan the brake pedal, by 60psi the warning light and buzzer should come on.
- 3 - Parking Brake Pop-Out Test:** Keep fanning until the parking brake pops out between 20-40psi. Watch the valve not the gauge!
- Safe Start, bring pressure up to the governor cut out.**
- 4 - Parking Brake Tug Test:** Leave Parking Brake pulled out, put truck in gear, depress accelerator pedal a little to “tug” on parking brake. Truck should not move. Put back in neutral.
- 5 - Service Brake Test:** (Remove wheel chocks) Push in parking brake, put in gear, roll forward to 5mph, stop with hands lightly on steering wheel, ensure truck does not pull right or left.
- Put the truck in neutral, set the parking brake.**

I am now done with my parking brake test and pre-trip inspection.