



CIRCLE CHECK PRE TRIP INSPECTION

Things to do before starting the inspection,

- Turn on the ignition.
- Turn on the lights (Head lights, clearance lights).
- Turn on left signal.
- Unlock the hood and open the tool box.
- Get your gloves and stick.
- Go front of the truck and trailer.

Tell to examiner that I am ready to do the inspection of my truck and trailer

1. Truck and Trailer level is - OK
2. Clearance lights, Windshield both sides, both low beams headlights, bumper and parking lights are - OK
3. Signal light is working.
4. License plate is - OK

Open the hood and move towards the driver side

5. All components are - OK No leakage.
6. Power-Steering Fluid level is - OK
7. Both Belts, Power-steering- rod, steering- box, chassis and master leaf support, both U-bolts axel and shock are - OK.
8. The tire tread is - OK, no leakage.
9. Rim is - OK, All nuts are well tight, Hub is OK, and air valve is OK.
10. Mirrors and frame are - OK,
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11. Door is - OK,
12. Fire extinguisher and three triangles are present.
13. Signal light is working.
14. Fuel cap is Tight; all straps are - OK and no leakage under.
15. Emergency, service and electric hoses are well connected, and there is no leakage.
16. Cross members, chassis, support and master leaf, both U-bolts, axel and Shock are - OK,
17. Pin lock, hitching lock, Anti-mechanism lock are well inside.
18. Both upper plates, fifth wheel, Sliding plate and anchorages are - OK.
19. Chassis, master leaf's support, master leaf and both U-bolts are - Ok.
20. All nuts are well tight.
21. Air suspension is - OK, if there is any leakage but compressor reach to 90 psi with engine idling, that's OK.
22. Both dual tires and treads are - OK, there is no leakage.
23. Both rims are - Ok and all nuts are tight.
24. Four air valves are - OK, both hubs are - OK, no leakage
25. Mud flap is - OK.
26. Jaw is behind the kingpin.
27. Both cross members, axel, both shocks, air suspension, supports and both parking lights are - OK.
28. Signal light is working.
29. Trailer chassis, upper frame are - OK.
30. All cross members are - OK.
31. All components, Axel, both shocks, both arms, both air suspensions are- OK,
32. Bogie frame, bogie rail and both pins are - OK.
33. Both dual tires and treads are -OK, there is no leakage.
34. Both rims are - OK and all nuts are tight.
35. Four air valves are - OK, both hubs are - OK, no leakage
36. Mud flap is - OK.
37. Axel, both shocks, both arms, both air suspensions and supports are - OK,
38. All clearance lights are working,
39. Four parking lights are working.
40. License plate and light are - OK
41. Bumper is - OK.
42. Request the examiner to stay in the back so you can go and check the brake lights, after checking turn off the driver side signal and turn the passenger side signal.
43. Both brake lights are - OK.
44. Bogie frame, bogie rail and both pins are - OK.
45. Both dual tires and treads are - OK, there is no leakage.
46. Both rims are -Ok and all nuts are tight.
47. Four air valves are - OK, both hubs are -OK, no leakage
48. Mud flap is -OK.
49. Signal light is working.
50. Trailer chassis, upper frame are -Ok.

51. Both upper plates, fifth wheel, Anti-mechanism lock, Sliding plate and anchorages are -OK.
52. Chassis, master leaf's support, master leaf and both U-bolts are -Ok.
53. All nuts are well tight.
54. Air suspension is Ok.
55. Both dual tires and treads are -OK, there is no leakage.
56. Both rims are- OK and all nuts are tight.
57. Four air valves are -OK, both hubs are - OK, no leakage
58. Parking light is working.
59. Chassis, support and master leaf, both U-bolts and Shock are - OK.
60. Fuel cap is Tight; all straps are - OK and no leakage under
61. Signal light is working.
62. Door is - OK
63. Mirrors and frame are -OK,
64. All components are -OK, No leakage.
65. Chassis, supports and master leaf, Shock and Both U-Bolts are - OK.
66. Check the tire from inside and outside; the tire and tread is -OK, no leakage.
67. Rim is -OK, All nuts are well tight, Hub is -OK, and air valve is -OK.
68. Signal is -OK.
69. Close the hood.

I have done outside inspection, now I will do the cabin inspection;

- **Governor Cut-Out**

1. Start the Engine
2. Push both Parking brakes (Tractor & Trailer) in.
3. Bring the RPM at 11 While pressure is building-up for governor cut-out
4. When you hear the Cut-Out's sound.
5. Governor does cut-out between 117 to 137 psi

- **Check Leakage in Brake System**

1. Shut down the engine
2. Turn on the ignition
3. Push brake pedal all the way down and listen for leakage (Inside and outside)
4. No leakage, if leakage of 7 psi major defects and both gauges are -OK.

- **Check Compressor**

1. Start the Engine
2. Drop the pressure to 80psi by pumping the brake pedal and hold it.
3. When gauges reach to 90 psi, compressor is -OK.

- **Low Air Buzzer Light**

1. Pump the pedal, until the buzzer comes on and you hear the beep.
2. Low buzzer starts working at 55 psi and its is - OK.
3. Both wipers and washer fluid are - OK.
4. Steering left and right are - OK.
5. Steering, steering column and both horns are - OK.
6. Move your seat forward and backward, seat and seat belt are - OK,
7. Gas, brake and clutch pedals are -OK.
8. Turn on defrost; check the fan and no smell.

- **Check Three Brakes**

Tractor's parking brake, engages your truck in 2nd gear, Pull the (Yellow) tractor parking brake out and (Red) trailer brake in. Leave the clutch slightly, when the vehicle takes a gear press the clutch back down and say

1. Tractor parking brake is working.

Now push the yellow knob in and pull the red out, release the clutch slightly, when the vehicle takes a gear, press the clutch back

2. Trailer parking brake is working.

Press both parking brakes IN, press the service brake and release the clutch slightly, when the vehicle takes a gear, press the clutch back

3. Service brake is working.
4. Check the left and right trailer rolling tires.