

PRE-TRIP MATCH UP

1. Description: Carry air and electricity to trailer.
2. Description: Cools the engine.
3. Description: allows driver see through to area in front of vehicle while separating inside cab area from outside.
4. Description: Shows if generator or alternator is functioning.
5. Description: Driver checks tread depth (2/32 and 4/32). Tread evenly worn; looks for cuts or other damage to the tread walls; valve caps and stems are not missing, broken or damaged: retreads not separating (no retreads on front).
6. Description: Heats cab or passenger compartment, and prevents frost or condensation from forming on windshield.
7. Description: Prevents cargo from shifting forward and injuring driver if the vehicle abruptly stops.
8. Description: Headlights, turn signals, clearance lights, and identification lights.
9. Description: Leaks from fuel tanks.
10. Description: Brake shoes rub on inside of drum to slow vehicle down.
11. Description: Fluid leaks from engine.
12. Description: retain tires on wheels.
13. Description: Hydraulic fluid for assisting steering wheel action to front wheels.
14. Description: Converts air pressure to mechanical force to operate wheel brakes.
15. Description: Disengages engine from drive train so vehicle wont move, and reduces load on starting motor, and during shifts.
16. Description: Carry air or hydraulic fluid to wheel brakes assembly.
17. Description: Platform at rear of cab for driver to stand on when connecting and disconnecting trailer lines.
18. Description: All brackets, bolts and bushings used for attaching springs to axle and vehicle frame.
19. Description: Brakes lights, rear signal lights and four-way flashers.
20. Description: Hold fifth wheel mount on tractor frame.
21. Description: Air brake and air suspension systems.
22. Description: Seals in lubrication for wheel hub.
23. Description: Side mirrors for view of traffic.
24. Description: Drives the alternator or generator
25. Description: Seals for axles/wheel assembly lubrication.
26. Description: Steel bar, rod, or arm assembly that acts as a spring instead of leaf or coil spring, usually on tractor rear axles.
27. Description: Holds wheel on axle.
28. Description: Driver procedures to be followed in checking air brake system.
 5. Lets air pressure build to governed cut off pressure; Should occur between 110 and 130 psi, should know the cut in pressure 85 to 100 psi.
 6. With engine off, (key in the on position) wheels chocked, and the parking brake released, check static pressure loss. It should not exceed more then 2-psi loss in one minute (single vehicle) or 3 psi loss in one minute (combination vehicle).
 7. With engine off, wheels chocked, and parking brake released, fully applies foot brake to see if air pressure drops more then 3 psi in one minute (single vehicle) or more then 4 psi in one minute (combination vehicle). If loss exceeds this amount, there is a defect somewhere in the system.
 8. Starts fanning off air pressure by rapidly applying and releasing foot brake: low air pressure warning alarm should activate before air pressure drops below 60 psi.

9. Continues to fan off air pressure: at approximately 30 psi on tractor trailer the tractor protection valve should close (pop out); or on other vehicle types, the spring brakes push-pull valve should pop.
29. Description: Lights and reflectors for showing vehicle clearances at night.
30. Description: Structural member for supporting vehicle body or trailer platform over wheels.
31. Description: Driver checks for worn rubber on blades; blades secure on wiper arms.
32. Description: Equipment for use during a breakdown, or at an accident scene.
33. Description: ties; any chains, cables, ropes, cinch, or other devices used to secure cargo (usually on a flat bed trailer).
34. Description: passenger seat.
35. Description: air and/or electrical for warning other drivers or pedestrians.
36. Description: Maintains air pressure in air brake system.
37. Description: Linkage from brake chamber to brake shoes to activate brakes.
38. Description: Friction material used to slow vehicle.
39. Description: Axle collar between dual wheels to keep evenly separated.
40. Description: Ensure that engine oil pressure is adequate.
41. Description: Holds fuel.
42. Description: Attaches trailer to tractor (king pin) and provides surface for resting trailer on fifth wheel.
43. Description: Locks locking jaws closed.
44. Description: External piping for conduction of combustion gases from engine.
45. Description: drives engine water pump.
46. Description: Supports front end of trailer when trailer is not coupled to a tractor.
47. Description: Dashboard indicator lights for signal, flashers, and headlight high beam.
48. Description: Used to measure amount of oil for engine lubrication.
49. Description: Releases fifth wheel locking jaws so that trailer can be uncoupled.
50. Description: Transmits power from transmission to drive axles.
51. Description: Transmits steering action from steering box to front wheels.
52. Description: Leaf or coil springs for dampening wheel vibration force created by rolling over road surface.
53. Description: container for mechanism that transforms steering column into wheel turning action.
54. Description: Builds air pressure.
55. Description: Connects air supplies and electrical power to trailer.
56. Description: Procedure to check for excessive looseness in the steering linkage.
57. Description: Mounting holding the fifth wheel skid plate and locking jaws mechanism.
58. Description: Keeps vehicle from rolling when parked.

C.D.L. PRE-TRIP MATCH-UP

DATE: _____ NAME: _____

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|-----------------------------------|------------------------------|
| _____ Oil Level | _____ Lights (front) |
| _____ Signal and brake lights | _____ Lights/Reflectors |
| _____ Ammeter/Voltmeter | _____ Tires |
| _____ Safety Latch | _____ Fuel Tank |
| _____ Exhaust System | _____ Drive Shaft |
| _____ Safety/Emergency Equipment | _____ Lug Nuts |
| _____ Air Brake Check | _____ Springs |
| _____ Frame | _____ Air Leak |
| _____ Rims | _____ Linings |
| _____ Spacers | _____ Generator Belt |
| _____ Hub Oil Seal | _____ Parking Brake |
| _____ Lighting Indicators | _____ Landing Gear |
| _____ Heater/Defroster | _____ Coolant Level |
| _____ Leaks (Engine Compartment) | _____ Horn(s) |
| _____ Air/Electric Lines | _____ Spring Mount |
| _____ Slack Adjustor | _____ Header Board |
| _____ Steering Play | _____ Mounting Bolts |
| _____ Platform (Fifth Wheel) | _____ Hoses (Brakes) |
| _____ Wipers | _____ King Pin/Apron |
| _____ Power Steering Fluid | _____ Catwalk Secure |
| _____ Steering Box Secure | _____ Axle Seals |
| _____ Windshield | _____ Torsion Bar |
| _____ Chamber (Brake) | _____ Water Pump Belt |
| _____ Passenger Seating | _____ Leaks (Fuel Tank Area) |
| _____ Clutch/Gearshift | _____ Air Compressor |
| _____ Release Arm | _____ Steering Linkage |
| _____ Air/Electrical Connectors | _____ Drum (Brake) |
| _____ Oil Pressure Builds | _____ Mirrors |
| _____ Doors/Ties Secure (Trailer) | |

USE PRE-TRIP MATCH-UP DESCRIPTIONS ON PAGES 22 AND 23
MANUAL

THERE IS ONE AND ONLY ONE ANSWER THAT USES TWO DESCRIPTIONS..