Class A CDL Pre-Trip Inspection
Tractor Trailer

LIGHTS & REFLECTORS
- Proper Color
- Working
- Not Broken
- Not cracked

LEAKS
- Check for puddles
- Check for drips under engine

WATER PUMP
- Mounted Securely
- No missing bolts or parts
- Hoses attached securely
- No leaking hoses or water pump
- Belts no more than ¼ inch of play
- Belts not cracked, frayed, or damaged

ALTERNATOR
- Mounted Securely
- No missing bolts or parts
- Wires good connections, not frayed
- Belt no more than ¼ inch of play
- Belts not frayed or cracked

OIL LEVEL
- Check for level and condition

PLUS ALL OTHER HOSES & WIRING
- Not cracked, frayed, or broken
- Belts no more than ¼ inch of play
- Hoses not leaking
**COOLANT**
- Check for level and condition
- Hoses attached and not leaking

**POWER STEERING RESERVOIR**
- Mounted properly
- Hoses attached and not leaking
- Check for level and condition

**AIR COMPRESSOR**
- Mounted Securely
- No missing bolts or parts
- No air leaks at lines
- Check if gear or belt driven
- Belt no more than ¾ inch of play
- Belts not cracked or frayed

**STEERING GEAR BOX**
- Mounted properly
- No missing parts, nuts or bolts
- Lines and hoses not leaking or broken

**STEERING LINKAGE**
- Pitman arm, Drag link, Steering knuckle, Tie rods and tie rod ends
- Not cracked, bent or broken
- Castle nuts and cotter pins
- Not missing and in place
**AIR COMPRESSOR**
- Mounted Securely
- No missing bolts or parts
- No air leaks at lines
- Check if gear or belt driven
- Belt no more than ¼ inch of play
- Belts not cracked or frayed

**STEERING GEAR BOX**
- Mounted properly
- No missing parts, nuts or bolts
- Lines and hoses not leaking or broken

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**ENGINE COMPARTMENT - DRIVER SIDE CON’T**

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**ENGINE COMPARTMENT - AIR COMPRESSOR**
LEAF SPRINGS
- Not shifted or out of place
- Not cracked, broken or missing

SPRING MOUNTS
- Mounted securely - front, back, and U-bolts
- Not cracked or broken

SHOCK ABSORBER
- Mounted Securely
- Not bent or dented
- Not leaking

Air Dryer location varies depending on model.
Located either behind the front bumper or behind the fuel tank.
HOSES AND LINES
- Mounted securely
- Not leaking
- Not cracked or frayed

CHAMBER
- Mounted securely
- Not dented or damaged
- Not leaking

SLACK ADJUSTER
- No more than 1 inch of free play at the push rod with the brakes released.
- Not bent, broken, loose, or missing parts

DRUMS
- Not cracked, broken or dented
- No oil leaking from inner oil seal, free of debris

LININGS
- No cracked, broken or missing parts
- Not less than ¼ inch in thickness

FRONT BRAKES
- Service Brake Chamber
- Push Rod
- Castle Nut
- Cotter Pin
- Steering Knuckle
- Snap Ring
- Tire
- Wheel
- Slack Adjuster
- Adjustment Nut
- Brake Drum
- Brake Lining

FRONT BRAKES CON’T
- Air Line
- Air Hose
- Shock Absorber
- U-Bolt
- Spring
Class A CDL Pre-Trip Inspection
Tractor Trailer

- **TIRES**
  - Proper inflation – company or manufacturer specification
  - No bulges, cuts, or retreads
  - Minimum tread depth of 4/32”

- **RIMS**
  - Not bent, cracked, No welding repairs.

- **LUG NUTS**
  - None are missing
  - Tight – no shiny threads, or rust trails

- **OUTER HUB OIL SEALS**
  - Not leaking, no missing bolts
  - Proper oil level

- **DRIVER’S DOOR**
  - Door opens and closes properly
  - Seal is in good condition

- **DRIVER’S MIRRORS**
  - Clean and free of obstruction
  - Not cracked, broken, or damaged
  - Mounted securely

- **FUEL TANK**
  - Mounted securely
  - Not leaking
  - Seal in cap OK

![Pre-Trip Inspection Test Items](image1)

![Reference Items](image2)
Class A CDL Pre-Trip Inspection
Tractor Trailer

- **AIR LINES & ELECTRIC LINE**
  - Not cracked, frayed, cut, or kinked
  - Mounted securely at the glad hands
  - Not leaking

- **BATTERY BOX & BATTERIES**
  - Box is mounted properly
  - Batteries are secure in the box
  - Lid secure
  - Connections not corroded

- **CATWALK**
  - Mounted properly
  - Not missing, or damaged
  - Free of obstructions

- **DRIVE SHAFT**
  - Not bent, or damaged
  - Coupling, U-joints appear secure

- **EXHAUST SYSTEM**
  - Securely mounted
  - Not dented or damaged
  - Not leaking

- **FRAME**
  - Not cracked, or damaged
  - No missing bolts
  - No illegal welds

- **LIGHTS & REFLECTORS**
  - Clean and working

BEHIND THE CAB

- **HEADER BOARD**
  - No holes or missing rivets

- **LIGHTS & REFLECTORS**
  - None broken, cracked, or missing
  - Working and proper color of amber

FRONT OF TRAILER
**CONTROL ARM MOUNT**
- Mounted securely
- Not bent, broken or damaged

**CONTROL ARM**
- Mounted securely – front, back, and U-bolts
- Not cracked, or broken

**SHOCK ABSORBER**
- Mounted Securely
- Not bent, dented or leaking

**TORSION BAR**
- Mounted Securely
- Not bent, broken or damaged

**AIR BAGS**
- Mounted Securely
- Not leaking
HOSES AND LINES
- Mounted securely
- Not leaking
- Not cracked or frayed

CHAMBER
- Mounted securely
- Not dented or damaged
- Not leaking

SLACK ADJUSTER
- No more than 1 inch of free play at the push rod with the brakes released.
- No bent, broken, loose, or missing parts

DRUMS
- Not cracked, broken or dented
- No oil leaking from inner oil seal, free of debris

LININGS
- No cracked, broken or missing parts
- Not less than ¼ inch in thickness

TIRES
- Proper inflation - company or manufacturer specification.
- No bulges or cuts, can have retreads
- Minimum tread depth of 2/32”

RIMS
- Not bent or cracked
- No welding repairs

LUG NUTS
- None missing
- Tight – no shiny threads, or rust trails

OUTER AXLE SEAL
- Not leaking, no missing bolts

SPACE OR SPACER
- Check for objects between wheels
- Check for proper spacing
- **LIGHTS & REFLECTORS**
  - Not cracked, or broken
  - Working and proper color

- **SPLASH GUARDS**
  - Not missing or torn and properly mounted

- **MOUNTING BOLTS**
  - None missing or broken

- **RELEASE ARM**
  - Not bent, broken, or damaged
  - Engaged in the lock position

- **LOCKING PINS**
  - No missing or broken parts
  - Engaged and locked

- **PLATFORM**
  - Securely holds skid plate
  - Not cracked, or broken

- **SKID PLATE**
  - Mounted properly on the platform
  - Properly greased
  - Tilting freely

- **KING PIN**
  - Not broken, bent, or damaged

- **APRON**
  - No bends or damage to visible portions

- **GAP**
  - Check that the trailer apron is lying flat on the fifth wheel skid plate

- **JAWS**
  - Check that the locking jaws are fully closed around the shank of the king pin
Class A CDL Pre-Trip Inspection
Tractor Trailer

- **LANDING GEAR**
  - Fully raised and handle secure
  - No missing parts
  - Support frame not cracked, broken, or damaged

- **FRAME**
  - Not cracks, bends, or damaged
  - No missing or damaged cross members
  - No signs of holes or damage to trailer floor

- **TANDEM RELEASE**
  - Locking pins secure and locked in place
  - Release handle is secure

- **LIGHTS & REFLECTORS**
  - Working and proper color
    - Front and side are amber
    - Rear edge is red
  - Not broken, cracked, or missing

- **LEAF SPRINGS**
  - Not shifted or out of place
  - Not cracked, broken or missing

- **SPRING MOUNTS**
  - Mounted securely – front, back, and U-bolts
  - Not cracked, or broken

- **TORQUE ROD**
  - Mounted Securely
  - Not bent, broken or damaged

- **SHOCK ABSORBER (If Equipped)**
  - Mounted Securely
  - Not bent, dented or leaking

- **AIR BAGS (If Equipped)**
  - Mounted Securely
  - Not leaking
Class A CDL Pre-Trip Inspection
Tractor Trailer

- **HOSES AND LINES**
  - Mounted securely
  - Not leaking
  - Not cracked or frayed

- **CHAMBER**
  - Mounted securely
  - Not dented or damaged
  - Not leaking

- **SLACK ADJUSTER**
  - 90 degrees with brakes applied.
  - No more than 1 inch of free play at the push rod with the brakes released.
  - No bent, broken, loose, or missing parts

- **DRUMS**
  - Not cracked, broken or dented
  - No oil leaking from inner oil seal, free of debris

- **LININGS**
  - No cracked, broken or missing parts
  - Not less than ¼ inch in thickness

- **TIRES**
  - Proper inflation-company or manufacturer specification.
  - No bulges or cuts, can have retreads
  - Minimum tread depth of 2/32”

- **RIMS**
  - Not bent or cracked
  - No welding repairs

- **LUG NUTS**
  - None missing
  - Tight – no shiny threads, or rust trails

- **OUTER HUB OIL SEAL**
  - Not leaking, no missing bolts
  - Fluid level OK

- **SPACE OR SPACER**
  - Check for objects between wheels
  - Check for proper spacing

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**TRAILER BRAKES**

- U-Bolts
- Leaf Spring
- Snap Ring
- Slack Adjuster
- Push Rod
- Clevis Pin & Cotter Pin

**TRAILER WHEELS**

- Tire
- Wheel
- Adjustment Nut
- Brake Drum
- Brake Lining
- Bud Rim
- Lug Nuts
- Outer Axle Seal

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**Pre-Trip Inspection Test Items**  
**Reference Items**
DOORS
- Not bent, broken, or damaged
- Close and latch securely
- Hinges secure, no damage

DOOR TIES
- Not missing, broken, and securely mounted

SPASH GUARDS
- Mounted properly
- Not missing, ripped or torn

DOT BUMPER
- Not bent or damaged

LIGHTS & REFLECTORS
- Working and proper color
- Not broken, cracked, or missing

EMERGENCY EQUIPMENT
- Spare electrical fuses
- 3 reflective triangles
- Red ands mounted securely
- Fire extinguisher
  - Minimum of 10 BC
  - Fully charged
  - Securely mounted

SAFETY BELT
- Latches securely
- Mounted securely

STEERING WHEEL
- No more than 10 degrees of free play

CLUTCH
- Engages and disengages smoothly

SHIFTER
- Moves in and out of gear properly
- Range selector works

WATER TEMP GAUGE
- Gauge is working (170 – 210 degrees)

OIL PRESSURE GAUGE
- Gauge is working properly
- Normal oil pressure (20 - 45 PSI)
- Check that the warning light goes out

AMMETER/VOLTMETER
- Gauge shows (12 – 14) volts to show battery is charging and that the generator or alternator is working properly

LIGHTING INDICATORS
- Left and right turn signal
- 4-Way Flashers
- High beam indicator

HORNS
- Electric (Street) horn works properly
- Air horn works properly

HEATER & DEFROSTER
- Move switch from heat to defrost
- Check for air flow

WINDSHIELD
- Clean and free of obstruction
- Not cracked or broken

WIPERS & WASHER
- Working
- Mounted securely to wiper arm
- Rubber not torn
- Washer sprays properly

MIRRORS
- Clean and adjusted

PARKING BRAKE VALVES
- Both are present and not leaking
- Place vehicle in 1st gear
- Release the tractor (yellow valve)
- And slowly pull against the trailer to ensure the coupling is secure, tug again to ensure that the brakes will work. Pull the tractor Valve out.
- Release trailer (Red valve)
- And slowly tug against the tractor brakes to ensure they work.