Class A CDL Pre-Trip Inspection
Tractor Trailer

**FRONT OF TRACTOR**

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

- **LEAKS**
  - Check for puddles
  - Check for drips under engine

**ENGINE COMPARTMENT - PASSENGER SIDE**

- **WATER PUMP**
  - Mounted Securely
  - No missing bolts or parts
  - Hoses attached securely
  - No leaking hoses or water pump
  - Belts no more than ½ 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 ½ 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 ½ inch of play
  - Hoses not leaking
CLASS A CDL PRE-TRIP INSPECTION
TRACTOR TRAILER

ENGINE COMPARTMENT - DRIVER SIDE

- **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

- **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
Class A CDL Pre-Trip Inspection
Tractor Trailer

ENGINE COMPARTMENT - DRIVER SIDE CON’T

☐ 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

ENGINE COMPARTMENT - AIR COMPRESSOR

☐ 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
Class A CDL Pre-Trip Inspection
Tractor Trailer

**FRONT SUSPENSION**

- **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.

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  - Not cracked or broken

- **SHOCK ABSORBER**
  - Mounted Securely
  - Not bent or dented
  - 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.
- 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

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
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 shinny 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
- **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

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**BEHIND THE CAB**

- Lights & Reflectors
- Electrical Line
- Glad Hand
- Exhaust
- Drive Shaft

**FRONT OF TRAILER**

- Header Board
- Lights
- Height Sticker
- Electric Hookup
- Air Line

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**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

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**DRIVE AXLE SUSPENSION**

- Spring Brake Chamber
- Control Arm
- Torsion Bar
- Air Bag
- Control Arm Mount

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**DRIVE AXLE SUSPENSION CON’T & FIFTH WHEEL**

- Skid Plate
- Mounting Bolts
- Locking Pins
- Control Arm
- Shock Absorber
- Spring
- Air Bag
- Tire
- Space
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**
  - 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

SPASH 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**
  - No 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
Class A CDL Pre-Trip Inspection
Tractor Trailer

- **DOORS**
  - Not bent, broken, or damaged
  - Close and latch securely
  - Hinges secure, no damage

- **DOOR TIES**
  - Not missing, broken, and securely mounted

- **SPLASH 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
  - 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 TEMPERATURE 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/VOLTOMETER**
  - 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

- **HORES**
  - 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.