Class B CDL Pre-Trip Inspection
Straight Truck

The purpose of this inspection is to make sure the vehicle is safe to operate, and to see if you have the knowledge and skills to inspect your vehicle. You may have to walk around the vehicle and point to or touch each item and explain to the examiner what you are checking and why. You will not have to crawl under the hood or under the vehicle.

**FRONT OF THE TRUCK**

**Marker Lights:**
(Five lights on a top of the truck)
- Proper color
- Working
- Not broken
- Not cracked

**Windshield:**
- Clean
- Not broken
- Not cracked

**Windshield Wipers:**
- In good condition
- Working properly

**Hood:**
- Not damaged
- Not broken
- In good condition
- Securely locked

**Grill:**
- Must be present
- Stably mounted
- Not broken
- In good condition
- Clean

**Head lights:**
- Must be clear
- Not broken
- Not damaged
- In good condition
- Working properly

**Turn Signals:**
(Two functions – turn signal and emergency flasher)
- Must be clear
- Color must be amber or orange
- Not damaged
- In good condition
- Working properly

**Bumper:**
- In good condition
- Well mounted to the frame
- No missing parts

**Registration Plate:**
- Must be well tight to the bumper
- Clean and visible
- Sticker must be valid.

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Leaks:
(The leaks can be two kinds: *Oil* – from transmission and engine and *Fluids* – from power steering system and cooling system – antifreeze leaks)
- Look for puddles on the ground
- Look for dripping fluids on underside of engine and transmission
- Must be no leaks.

**SIDE OF THE TRUCK**

**Front Wheels:**

*Tires*
- Do not use recap
- No any bubbles
- No any cuts on it
- No any space between rims and tires.
- Air pressure must be 80-100 PSI
- In the front tire's dept of tread must be four thirty seconds of inch (4/32”)

*Rim*
- Not bent
- Not cracked
- No welding repairs

*Lug Nuts*
- None are missing
- Tight – no shinny threads, or rust trails

*Outer Hub Oil Seal*
- Not leaking
- No missing bolts
- Proper oil level

*Valve stem*
- No cuts
- No damages
- No missing

*MIRRORS:*
- Must be clean
- Not broken
- Adjustable from inside.
- Mirrors brackets must be well mounted to the door

**Doors:**
- Door latch in a good condition
- Grab handles secured
- The doors may be opened and closed easily
- Window must be clean, not broken without cracks and in good condition.
Steps:
• Must be not broken
• Clean
• Free of oil, grease, snow and ice

Fuel tank:
• Must be well mounted to the frame
• No leaks on fuel tank
• Cap must be locked while driving
• There must be rubber between the clamps and the tank

Battery:
• No leaks from battery
• No corrosion on the terminals

Under Vehicle:
• No leaks
• No low hanging wires

ENGINE COMPARTMENT - DRIVER SIDE

Radiator:
• Radiator cap – closed, no sign of leak
• Check antifreeze for level and condition
• Hoses attached, not cracked and not leaking

Air Compressor:
• Mounted Securely
• No missing bolts or parts
• No air leaks at lines

Compressor Belt
• No more than ¾ inch of play
• Not cracked or frayed

Power Steering Reservoir:
• Mounted properly
• Hoses attached and not leaking
• Check for level and condition

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 Column, Steering knuckle
• Not cracked, bent or broken
• Castle nuts and cotter pins
• Not missing and in place
ENGINE COMPARTMENT - PASSENGER SIDE

Water Pump:
- Mounted Securely
- No missing bolts or parts
- Hoses attached securely
- No leaking hoses or water pump

Belt:
- No more than ¾ inch of play
- Not cracked, frayed, or damaged

Alternator:
- Mounted Securely
- No missing bolts or parts
- Wires good connections, not frayed

Belt:
- No more than ¾ inch of play
- Not cracked, frayed, or damaged

Oil Level:
- Check the level and condition with the deep stick

Hoses and Wiring:
- Not cracked, frayed, or broken
- Belts no more than ¾ inch of play
- Hoses not leaking

FRONT SUSPENSION

Shock Absorber:
- Mounted Securely
- Not bent or dented
- Not leaking

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

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FRONT BRAKES

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

Drive Shaft:
- Not bent, or damaged
- Coupling, U-joints appear secure

Frame:
- Not cracked, or damaged
- No illegal welds

Exhaust System:
- Securely mounted
- Not dented or damaged
- Not leaking

Air Tanks:
- Securely mounted
- Not damaged
- Not leaking

REAR (DRIVE) WHEELS

Tires:
- Can be recap (We must be sure that no any separation between recap and original tire.)
- No any bubbles
- No any cuts on it
- No any space between rims and tires.
- Air pressure must be 80 - 100 PSI
- In the front tire’s dept of treed must be four thirty seconds of inch (2/32”)
- No any objects between wheels, no any stone, no any bottle.
Lug Nuts:
- None are missing
- Tight – no shiny threads, or rust trails

Rim:
- Not bent
- Not cracked
- No welding repairs

Outer Hub Oil Seal:
- Not leaking
- No missing bolts
- Proper oil level

Valve stem:
- No cuts
- No damages
- No missing

Space:
- Check for objects between wheels
- Check for proper spacing

Splash Guards:
- Not missing or torn and properly mounted

**DRIVE AXLE SUSPENSION**

Control Arm Mount:
- Mounted securely
- Not bent, broken or damaged

Control Arm:
- Mounted securely
- Not cracked, or broken

Shock Absorber:
- Mounted Securely
- Not bent, dented or leaking

Torsion Bar:
- Mounted Securely
- Not bent, broken or damaged

Air Bags (If equipped):
- Mounted Securely
- Not leaking
DRIVE BRAKES

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

Do the same check on the passenger side.

REAR OF THE TRUCK

Doors:
• Not bent, broken, or damaged
• Close and latch securely
• Hinges secure, no damage

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 minimum three electrical fuses (unless vehicle has circuit breaker)
- Three reflective triangles
  - Must be red and in good condition
- Fire extinguisher
  - Must be ABC or BC type
  - Fully charged
  - Safety pin must be present
  - Sticker must be valid
  - Securely mounted

Safety Belt:
- Latches securely
- Mounted securely

Steering Wheel:
- No more than 10 degrees or 2 inches of free play

Clutch pedal (If equipped):
- Engages and disengages smoothly
- Free play maximum 1.5 inch
- Rubbered

Foot (Service) brake:
- No stick to the floor
- Rubbered

Accelerator:
- No stick to the floor

Shifter:
- Moves in and out of gear properly
- Range selector works

Water Temp Gauge:
- Gauge is working (170 – 210 degrees)

Oil Pressure Gauge (If equipped):
- Gauge is working properly
- Normal oil pressure (20 - 45 PSI)
- Check that the warning light goes out

Ammeter/voltmeter (If equipped):
- Gauge shows 12 – 14 volts

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Lighting Indicators:
- Left and right turn signal
- 4-Way Flashers
- High beam indicator

Horns:
- Electric (Street) horn works properly
- Air horn works properly (If equipped)
- Min one must be working

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
- Adjusted

CHECK SERVICE, EMERGENCY AND PARKING BRAKES

Air leak test (static)
1. Air pressure must be maximum (120-130psi)
2. Transmition: 1st gear
3. Turn engine OFF
4. Release parking brakes (yellow knob IN)
5. Do not touch break pedal, wait one minute, check air pressure loss is no more then 2 PSI

Air leak test (applied)
1. Air pressure must be minimum of 90psi
2. Transmition: 1st gear
3. Engine is OFF
4. Parking brakes released (yellow knob IN)
5. Depress and hold break pedal one minute air leakage must be not more then 3 PSI
Low pressure warning device test
1. Air pressure must be maximum (120-130 PSI)
2. Transmission: 1st gear
3. Engine is OFF, ignition is ON
4. Release parking brakes (yellow knob IN)
5. Pump brake pedal, release (fan down)

   Buzzer + Red light on by 60 PSI

Spring brake pop-out test
1. Air pressure must be minimum 60 PSI
2. Transmission: 1st gear
3. Engine is OFF
4. Parking brakes released (yellow knob IN)
   • Pump brake pedal (fan DOWN)
   • Parking brakes (yellow) knob must pop-out between 20-40 PSI

Slack adjuster check
1. Park on level ground.
2. Apply parking brakes.
3. Put transmission on first gear.
4. Turn engine OFF and put key in the pocket.
5. Block the wheels (place chock)
7. Check free play on slack adjuster manually.

   If it is more then 1 inch, then must be adjusted.