

GET YOUR CDL

214-704-1752



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PRE TRIP CHECK LIST

A DIVISION OF 411 MAG MINISTRIES A 501(c) 3 Non-Profit



General Instructions &

Card D Instructions:

You are conduct this vehicles inspection as outlined in the CDL driver's manual. As you do your inspection please point to and touch the item or items you are inspecting and FULLY explain what you are inspecting for each item. If you do not do so, you will not get credit for that item. During the inspection you will only inspect items down the driver's side of the vehicle except for if there's anything unique on the other side of the vehicle. (If you pick this card you will be required to pre-trip the whole truck which is the other 3 cards that are explained down below)

Card A Instructions:



Please inspect all items on the front of the vehicle and the engine compartment area along with all your steering components and all your items on your front driver side axle. If there are any items that are unique to the other side of the vehicle, please inspect these items.

FRONT OF THE TRUCK

Clearance Lights

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *Amber in Color*
- *All Working Properly*

Windshield

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Make sure it's Clean*
- *No Illegal Stickers*

HEADLIGHT ASSEMBLY

L/R Turn Signals, 4 Way Flashers, Low Beams, and High Beams,



Belt Driven or Gear Driven

Power Steering Reservoir

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Filled to the proper level*
- *Cap is on tight*

Power Steering hoses

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Upper Steering Linkage

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *No more than 1 inch of play either way, No more than 2 inches overall*

Power Steering Gear Box

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Make sure all nuts and bolts are present*

Pitman Arm

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*

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- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *All Working Properly*

Under The Truck

- *No Leaks*
- *Truck is not leaning*

UNDER THE HOOD

Passenger Side

A/C Compressor

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Make sure all nuts and bolts are present*
- *(explain how this item is operating)*
Belt Driven or Gear Driven

A/C Hoses

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Alternator

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*



- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Filled to the proper level*
- *Cap is on tight*

Coolant Hoses

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Oil Dipstick

- *Filled to the proper level*
(explain how you would check it)

Oil Cap

- *Is on tight*
- *With no leaks*

Air Hoses

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Leaking*

Air Compressor

- *Properly Mounted and Secure*
- *Not Cracked, Damaged or Leaking*
- *Make sure all nuts and bolts are present*
- (explain how this item is operating)



- *Make sure the castle nut and cotter pin are present & locked in place*

Lower Steering Linkage

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure the castle nut and cotter pin are present & locked in place*

SUSPENSION

Spring Mount

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts and bolts are present*

Leaf Springs

- *Properly Mounted and Secure*
- *Not Bent, Broken, Cracked, or Shifted*
- *Make sure all are present*

U-Bolts

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts are present with no shiny threads (Indicating looseness)*

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- *Make sure all nuts and bolts are present*
 - *(explain how this item is operating)*
- Belt Driven or Gear Driven*

Water Pump

- *Properly Mounted and Secure*
 - *Not Cracked, Damaged, or Leaking*
 - *Make sure all nuts and bolts are present*
 - *(explain how this item is operating)*
- Belt Driven or Gear Driven*

Belt

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Damaged*
- *Doesn't have no more than $\frac{3}{4}$ inch of play*

Upper Radiator Hose

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Driver Side

Lower Radiator Hose

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Coolant Reservoir

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TIRE

I, C, D

Inflation

- *110 psi*

Condition

- *Evenly Worn*
- *No Cuts, Cracks, or Bulges*

Depth

- *No less than 4/32's of an inch*

Rim

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Free of illegal welds*

Lug Nuts

- *Make sure all are present*
- *No Shiny Threads or Trails of Rust (Indicating looseness)*

Hub Oil Seal

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

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- *Make sure all bolts are present & tight*

Card B Instructions:

Please inspect all items from the driver door/fuel area to the rear of the vehicle. These items include the underside of the vehicle and one rear drive axle. If there are any items that are unique to the other side of the vehicle please inspect these items.

SIDE OF THE TRUCK

Passenger Side

Exhaust

- *Properly Mounted and Secure*
- *Not Bent, Broken, Damaged, or Leaking*

Fuel Tank

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Cap is on tight with no leaks around it*

MID-LIGHT

(L/R Turn Signals, 4 Way Flashers, Clearance Light)



Shock

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

BRAKE SYSTEM

Brake Hose

- *Properly Attached*
- *Not Cut, Frayed, or Leaking*

Brake Chamber

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

Push Rod & Slack Adjuster

- *Properly connected with pin(s)*
- *No more than 1 inch of slack when pulling on it by hand with the brakes released.*

Brake Lining

- *Shouldn't be less than ¼ inch thick*

Brake Drum

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Free of any oil and grease*

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UNDERSIDE OF THE VEHICLE

Drive Shaft

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure the couplings (U-Joints) are free of debris & all nuts & bolts are present & tight.*

Frame

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Free of illegal welds*

SUSPENSION

Spring Mount

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts and bolts are present*

Leaf Springs

- *Properly Mounted and Secure*
- *Not Bent, Broken, Cracked, or Shifted*
- *Make sure all are present*

U-Bolts

- *Properly Mounted and Secure*

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- *Not Bent, Broken, or Cracked*
- *Make sure all nuts are present with no shiny threads*
(Indicating looseness)

Shock

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

Air Bags

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Leaking*
- *Properly Inflated*

Air Bag Mount

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts and bolts are present*

Torque Arm

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*
- *Make sure all nuts and bolts are present*

BRAKE SYSTEM

Brake Hose

- *Properly Attached*

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- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free Of Moisture*
- *Amber in color*
- *All Working Properly*

Mirror

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all bolts are present & tight*

Door

- *Opens and Closes properly from the outside*
- *Make sure hinges are Properly Mounted and Secure*
NOT Bent, Broken, or Damaged, and that all nuts & bolts are present & tight.

Weather Stripping

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Damaged*

Steps and Catwalk

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*
- *Free of Debris*



- *No Cuts, Frays, or Leaks*

Brake Chamber

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

Push Rod & Slack Adjuster

- *Properly connected with pin(s)*
- *No more than 1 inch of slack when pulling on it by hand with the brakes released.*

Brake Lining

- *Shouldn't be less than ¼ inch thick*

Brake Drum

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Free of any oil and grease*

TIRE

Budd Spacing

- *Free of Debris*
- *Evenly Spaced*
- *Not Rubbing or Touching*

I, C, D



REAR LIGHT ASSEMBLY

L&R Turn Signals, 4 Way Flashers, Tail Lights, Brake Lights

- Properly Mounted and Secure
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *Red in Color*
- All Working Properly

Splash Guards

- Properly Mounted and Secure
- *Not Ripped, Torn, or Damaged*
- *No more than 8 inches off the ground*

DOT Reflective Tape

- Properly Mounted and Secure
- *Clean and Visible*

Card C Instructions:

Please inspect all items of the trailer down the driver side and one rear axle. If there are any items that are unique to the other side of the vehicle please inspect these items.



Inflation

- *110 psi*

Condition

- *Evenly Worn*
- *No Cuts, Cracks, or Bulges*

Depth

- *Minimum 2/32*

Rim

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *No illegal welds*

Lug Nuts

- *Make sure all are present*
- *No Shiny Threads or Trails of Rust (Indicating looseness)*

Axle Seal

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Make sure all bolts are present*

BACK OF THE TRACTOR



FRONT OF TRAILER

Clearance Lights

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *Amber in Color*
- *All Working Properly*

Headerboard

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*
- *Strong enough to support cargo*

DOT Reflective Tape

- *Properly Mounted and Secure*
- *Clean and Visible*

Landing Gear

- *All the way in the RAISED position*
- *Make sure the support frame is Properly Mounted and Secure, Not Bent, Broken, or Damaged*
- *Make sure handle is Properly Secure in the LOCKED position*

Frame and Cross Members



Shock

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

Air Bags

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Leaking*
- *Properly Inflated*

Air Bag Mount

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts and bolts are present*

BRAKE SYSTEM

Brake Hose

- *Properly Attached*
- *No Cuts, Frays, or Leaks*

Brake Chamber

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*

Push Rod & Slack Adjuster

- *Properly connected with pin(s)*

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- *Make sure all are present*
- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*

SUSPENSION

Spring Mount

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts and bolts are present*

Leaf Springs

- *Properly Mounted and Secure*
- *Not Bent, Broken, Cracked, or Shifted*
- *Make sure all are present*

U-Bolts

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Make sure all nuts are present with no shiny threads
(Indicating looseness)*

(IF EQUIPPED)

Torsion Bar

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*



- *No more than 1 inch of slack when pulling on it by hand with the brakes released.*

Brake Lining

- *Shouldn't be less than ¼ inch thick*

Brake Drum

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *Free of any oil and grease*

TIRE

Budd Spacing

- *Free of debris*
- *Not Rubbing or Touching*
- *Evenly Spaced*

I, C, D

Inflation

- *110 psi*

Condition

- *Evenly Worn*
- *No Cuts, Cracks, or Bulges*

Depth



- *Minimum 2/32*

Rim

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*
- *No illegal welds*

Lug Nuts

- *Make sure all are present*
- *No Shiny Threads or Trails Of Rust (Indicating looseness)*

Hub Oil Seal

- *Properly Mounted and Secure*
- *Not Cracked, Damaged, or Leaking*
- *Make sure all bolts are present*

REAR OF THE TRAILER

ABS Light

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of moisture*
- *Amber in color*
- *Should NOT be on*

Marker Light

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- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *Red in Color*
- *Working Properly*

Clearance Lights

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free of Moisture*
- *Red in Color*
- *All Working Properly*

Door

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Damaged*
- *Make sure door opens and closes properly*
- *Latch is secured in the LOCKED position*

REAR LIGHT ASSEMBLY

L&R Turn Signals, 4 Way Flashers, Tail Lights, Brake Lights

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*
- *Free Of Moisture*
- *Red In Color*

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- *Properly connected in the LOCKED position*

Electrical Line

- *Not Cut, Frayed, or Damaged*

Service and Emergency Connectors

(On Tractor)

- *Properly Connected*
- *No Leaks*

Air Lines

- *Not Cut, Frayed, or Leaking*

GLAD HANDS (Explain the process of checking their condition) You would take them apart check the seal inside make sure its *Not cracked* or *Dry Rotted* and *Free of debris*. Properly connecting them back together making sure there are *No Leaks*.

Trailer Apron

- *Properly Mounted and Secure*
- *Not Bent, Broken, or Cracked*

5th Wheel Skid Plate



- Properly mounted and secure
- Not Bent, Broken, or Cracked
- Properly Greased

Gap

- There should be no gap or daylight in between the Trailer Apron and 5th Wheel Skid Plate

Platform

- Properly Mounted and Secure
- Not Bent, Broken, or Cracked

Mounting Bolts

- Make sure all are present
- No Shiny Threads or Trails Of Rust (Indicating looseness)

5th Wheel Slide Pins

Release Arm & Safety Latch

- Properly Mounted and Secure
- Not Bent, Broken, or Damaged
- Pushed all the way in, in the ENGAGED position

Locking Jaws is securely wrapped around the SHANK of the **King Pin** making sure the **King Pin** is Properly Mounted and Secure NOT Bent , Broken, or Damaged.

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- *All Working Properly*

DOT Reflective Tape

- *Properly mounted and secure*
- *Clean and Visible*

Splash Guards

- *Properly mounted and secure*
- *Not Ripped, Torn, or Damaged*
- *No more than 8 inches off the ground*

Note: No matter what card you draw everyone will have to do COUPLING and INCAB.

Coupling Instructions:

Please inspect all items of the coupling system on both the truck and trailer.

COUPLING SYSTEM

Electrical Connector

(On Tractor AND Trailer)



Incab Instructions:

To finish this inspection please perform an external light operations check along with an incab inspection and safe engine start.

Safety Equipment

Fire Extinguisher

- *Properly Mounted and Secure*
- *Properly Rated*
- *Fully Charged*

Triangles

- *In the red box*

Fuses

- *Spare*

Note: Before getting in the vehicle ask the examiner if she will assist you with your light check, ALSO make sure TWO things are done.

1. Close Hood and lock it
2. Chock your front driver side wheel



INSIDE CAB

Seat belt

- *Not Cut, Frayed, or Damaged*
- *Latches Properly*

SAFE START

Brakes (Tractor and Trailer)

- *Pull on Yellow and Red valve*
- *Making sure their pulled out (ENGAGED)*

Transmission

- *Making sure vehicle is in neutral*

START Your Engine

CHECK LIST

Mirrors

- *Not Bent , Broken, or Cracked*
- *Properly adjusted for me*

Windshield

- *Properly Mounted and Secure*
- *Not Cracked, or Damaged*

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- *Make sure its Clean*
- *No Illegal Stickers*

Washers and Wipers

- *Properly Mounted and Secure*
- *Not Cut, Frayed, or Damaged*
- *Flush Against the Windshield*
- *Working Properly*

Heater and Defrost

- *Working Properly*

City Horn and Air Horn

- *Both Working Properly*

L/R Turn Signals, 4 Way Flashers, and High Beam Indicator

- *All Working Properly*

Gauges From Left to Right

Note: Point each gauge out, read off what its currently reading at that time indicating that its working properly

Temperature Gauge

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- *Is currently reading _____ indicating that its working properly*

Oil pressure Gauge

- *Is currently reading _____ indicating that its working properly*

Voltmeter Gauge

- *Is currently reading _____ indicating that its working properly*

Primary and Secondary Air Gauges

- *Are both currently reading _____ indicating that its working properly*

Tell The Instructor: *I'm now about to perform my Air Brake Test...*

Air Brake Test

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- Make sure air pressure is built up to governor cutoff (120 PSI)
- Turn engine off, turn key back on, and release spring brakes.
- Watch air gauges for 1 minute – NO more than 2 PSI (Straight Truck) and 3 PSI (Combination Truck) should be lost.
- Apply firm pressure to brake pedal and hold for 1 minute – NO more than 3 PSI (Straight Truck) and 4 PSI (Combination Truck) should be lost.
- Begin pumping brakes – At approximately 60 PSI the warning light or buzzer should come on.
- Continue pumping – between 40 – 20 PSI, the spring brakes should pop out.
- Start your engine to build air pressure 100 – 125 PSI.

Jump out and grab the chocks, jump back in and put on your Seat belt...

Tug Test

- Put vehicle in gear



- Check trailer spring brakes by pushing in the parking valve (YELLOW) and perform tug test.
- Check tractor spring brakes by pulling out the parking valve (YELLOW) and pushing in trailer valve (RED) then do a tug test.
- Check service brakes by pushing in both valves. (Tractor and Trailer), roll forward, then apply pressure to the brake pedal (come to a stop) and see if the truck pulls left or right.
- Put truck in Neutral, pull out both valves (Parking and Trailer)

Tell The Instructor: *I'm now FINISHED With my PRE-Trip Inspection.*

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