

# Vehicle Inspection

## (Circle Check)

Wheels are chocked the breaks are released and the engine is off.

Get the gloves and tire thumper from the locker and release the hood from inside the cab.

Open the hood.

Begin the check with the Front left tire

### Under the hood check

COLD !G" ! " !#\$ C%"O !

L &% #"D

#### Check:

%read for the depth  
"nside tire for slashes and bulges  
' im for cracks  
(reak chamber if it is properl) mounted  
#lack ad\*uster if it is not sei+ed up  
Leaf springs for cracks  
, -bolts if the) are tighten.  
#pring mount for cracks  
&rame for cracks and missing bolts  
#teering column for free pla)  
#teering bo. for cracks and leaks  
\$itman arm for free pla)  
%ie rod for free pla)  
\$ower steering fluid for level  
Window washer fluid for level  
Clutch fluid for level  
&oot valve for loose hoses  
/ ir compressor) governor and hoses if the) are secured  
/ /C compressor if it is secured  
\$ower steering pump for leaks  
&uel pump for leaks  
' adiator for leaks  
/ II filters for leaks  
&an for missing blades  
/ II wires and hoses are secure and attached.

' "G 1% #"D

#### Check:

%read for the depth  
"nside tire for slashes and bulges

- 'im for cracks
- (reak chamber if it is properl) mounted
- #lack ad\*uster if it is not sei+ed up
- Leaf springs for cracks
- , -bolts if the) are tighten.
- #pring mount for cracks
- &rame for cracks and missing bolts
- 'adiator for leaks
- Coolant 'eservoirs if it is secured
- Coolant fluid level
- / lternator if it is secured
- ( elt for tension
- Wires if the) are connected and insulated
- / ir filter if secured and for debris
- / ll filters for leaks
- ngine oil for level

1 O% ! G" ! " ! # \$ C% " O !

#tart the engine

### Check:

- / LL Leaks
- !oise of component
- 2ibration

Close the hood

### Outside

%urn on head lights and engage the left turn signal

Start the circle check between truck and trailer

Check :

- #teps if the) are secured
- Coupling wires for connections
- &uel tank for leaks
- #trap if secure
- &rame for cracks
- &aring an) damage
- ( acking light if secured
- 3 uarter fender condition
- Locker if it is locked
- Gas cap if it is closed tight
- ( atter) if the) are secured0 wires attached0 ports insolated
- \$ull air valve release cord of the wet tank to release the moisture
- #teps to cab if secured
- Door and window if opens and closes free)
- 4 irror and mount if secure
- #afet) inspection sticker if up-to-date
- &ront left tire 5inflated-front no damage
- 'im no cracks
- Lug nuts tight

1 ub-oil proper level and no leaks  
 &ender mirror and mounts secured  
 %urning signal working  
 %op lights all of them working  
 Grill and bumper secured  
 License plate 5clean and sticker is up-to date  
 1 ead light the) are on and no damages  
 ' ight fender mirror and mounts secured  
 &rout right tire 5inflated  
 %hat there is no damage on the side of the tire  
 %he rim for cracks  
 %he lugs-nuts are tighten  
 %he 1 ub-Oil is at proper level and no leaks  
 #teps are secured  
 4 irror and mounts are secured  
 Door and window operating well  
 Gas cap tighten  
 Locker is locked  
 %hat the 4 uffler secured  
 Cab suspension good condition  
 %hat the &aring is undamaged  
 ' ear braking lights are secured  
 Drive shaft no free pla)  
 6 right drive tires good tread inflated nothing between the tires  
 #ide of the tire no damage  
 ' im no cracks  
 %he lug nuts tighten  
 1 ub oil is at proper level and no oil leaks  
 &rame no cracks  
 #pring mount no cracks and no bolts missing  
 ! o space between the 7th wheel and the trailer  
 Lock for 7<sup>th</sup> wheel slider is in and in lock position  
 \$ivoting pin is in  
 ! o missing bolts  
     8Go under behind the tractor9  
 4 ud flap secured  
 7th wheel \*aws locked  
 Differential no oil leaks  
 / ir ( ags inflated  
 License plate is clean secure and the light works  
 %urning signal and running lights working  
 Landing gear no cracks or bolts missing the) are raised  
 ! o missing cross bars and no wholes in the trailer floor  
     8 . it9

#ide of trailer no damage and no reflectors are missing

4 marker lights are working  
8 Go under the trailer in the front of the trailer wheels 9  
(og) frame no cracks  
(og) locks engaged  
1 hoses and wires secured 0 no wire outs  
(reak chambers secured no cracks  
/ ir tank secured  
/ ir bags inflated  
%ires from inside good condition  
'ims no damages  
8 . it9

6 right trailer tires 5inflated- good tread 0 nothing between  
%here are no damage on the side of the tires  
'im has no cracks  
%he lug nuts are tighten  
1 ub oil proper level no leaks  
Corner lights working  
Clearance lights working  
8 Go under back before bumper 9  
4 ud flaps secured  
#lack ad\*usters not sei+ed up  
(reak chambers no cracks and secured  
&rame of the bogg) no cracks  
(ogg) locks engaged  
/ ir bags inflated  
#huck absorbers secured and no oil leaks  
8 . it9

Door hinges good conditions  
Door latches engaged  
Clearance lights working  
'unning lights working  
#ignal lights working  
License plate is clean 0 secure and light is working  
(umper secure  
Corner light if it is working  
4 ud flaps if secured  
6 left trailer tires 5inflated- good tread 0 nothing between  
"f there are no damage on the side of the tires  
'im has no cracks  
%he lug nuts are tighten  
1 ub oil proper level no leaks  
#ide of trailer no damage and no missing reflectors  
4 marker light is working  
Landing gears are up and handle is stored properl)

6 left drive tires good tread 0 inflated nothing between the tires  
 #ide of the tire no damage  
 ' im no cracks  
 %he lug nuts tighten  
 1 ub oil is at proper level and no oil leaks  
 &rame no cracks  
 #pring mount no cracks and no bolts missing  
 \$ivoting pin is in  
 ! o missing bolts  
 #afet) inspection sticker is up-to-date

### Air loss test

∴ 'elease the parking brakes.  
 #witch to the right blinker and to high beams.  
 ∴ "nstall the \$ ' O\$ between brake pedal and steering wheel  
 <. 'aise the pressure over => psi  
 6. #hut off engine  
 7. Walk around the vehicle and listen for leaks check the lights  
 ?. "nform the e. aminer that there are no air leaks .  
 1 igh beam lights 0 stop lights and turning signals are ok

### Inside Inspection

Low / ir pressure warning s)stem check:

- a9 nsure the air pressure is over => \$" to start
- b9 &an the breaks until the low air indicator beeps and tell the e. aminer when it does.
- c9 / Iso tell the e. aminer that if the indicator did not come on before 77 \$" the vehicle would be unsafe and " would not drive it.

List off the gages

- a9 \$)rometer
- b9 Oil pressure gage
- c9 Water temperature gage
- d9 %urbo gage
- e9 %achometer 8rev to show it works9
- f9 #peedometer
- g9 &uel gage
- h9 / pplication pressure gage 8break to show it works9
- i9 \$rimar) pressure gage
- \*9 #econdar) pressure gage

Check

#teering wheel for free pla)  
 "ndicator lights

Left and right turn signal

High beams lights

Parking breaks

Horns

Highway

City

Windshield defroster (use it make sure you can feel air on window)

Windshield wipers and washer

Suspension switch off

7th wheel switch off

Differential switch off

4 mirror defrost off

Interrupt switch off

Safety equipment and Documents

Fire extinguisher is beside the driver seat to the left

First aid kit and reflective triangles are under the bunk

All proper documentation is in binder in over head compartment.

-ownership

-insurance

-C2O'

-safety inspection

-emission test

-daily inspection log

6 point break test

/ pull truck parking break and try to move

/ pull trailer parking break and try to move

Put in 1st and move slightly and use spike

Put in 1st and move slightly and use foot break.

GO, % / ! D \$ "CA , \$ C1OCA / ! D \$ , % " " ! LOCA '

-ready to drive

### Uncoupling

1. / pull parking breaks for both truck and trailer.

2. Tell the examiner that you are on firm level ground.

3. Drop the landing gear

4. Open the jaws of the 7th wheel and put the tire thumper away

5. Pull ahead 3 feet and lower the suspension

6. Tell the inspector that the trailer is totally supported by the landing gear.

B. Disconnect the red hose, blue hose and power cord and plug into dummy hanger on the back of cab.

C. Drive away to designated location, reset the suspension and turn on your 6 way lights

=. "nspect the 7th wheel tell the e. aminer the )oke is up suspension is up locking pins are secure no missing bolts or damages grease on 7th wheel looks good. "nspect both sides and repeat things as needed.

### **Coupling**

- :. ( low the horn and back up until half of the 7th wheel is under the trailer
- ;. Go under the trailer and check the alignment of the king pin and the 7th wheel
- <. Look up the blue hose red hose and power cord.
- 6. Drive back slowl ) to connect the truck with the trailer
- 7. Go under the trailer and make sure that the \*aws are closed
- B. ' aise the landing gear.

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