

Pre-Trip Inspection Tractor Trailer

CHECK OUTSIDE IN FRONT OF YOUR VEHICLE (Front of Vehicle, Lights/Reflectors, Engine Compartment & Steering Components)

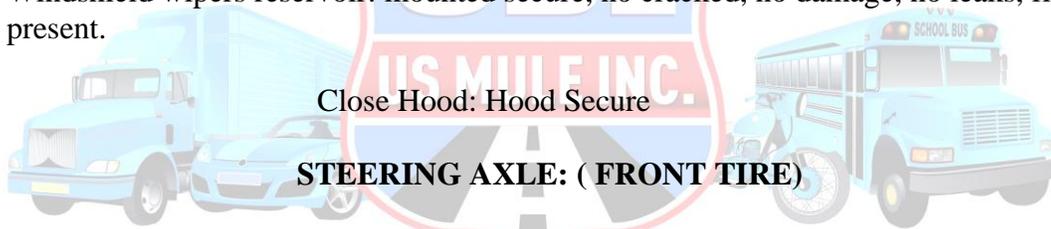
1. Clearance lights, head lights, four-way flasher lights, signal light right and left: all body lights are clean, not broken and working properly, have proper color.
2. Windshield: no cracking, no damage, no illegal stickers.
3. Windshield wipers: no crack, no damage, properly attached to windshield.
4. Inspection, registration up to date.
5. Hood: Hood Secure.
6. Grill: secure.
7. Bumpier: secure.
8. Plate number: secure.
9. Under body: clean, no leaks oil and antifreeze.

DRIVING SCHOOL

OPEN HOOD

1. Engine Compartments: no leaks, all hoses and wires mounted securely, no damage, no leaks, no cut, no burn.
2. Alternator: mounted securely, no crack, no damage; nuts no missing, no loosing, all wires connect it;
3. Water pump: mounted securely, no leaking, no damage, all hoses is securely mounted no cuts, no leaking.
4. Alternator and Water pump: **One** Belt driven, Belt no cut, no damage. No more than $\frac{3}{4}$ inch play
5. Air compressor:
 - a) Gear driven,
 - b) Mounted securely, no damage, no leaking, all hoses are securely mounted, no cut, no damage, no leaking.
6. Power steering pump:
 - a) Gear driven,
 - b) Mounted securely, no crack, no damage, no leaking, all hoses are securely mounted, no damage, no cut, no leaking.
7. Coolant:
 - a) Coolant reservoir: mounted securely, no crack, no damage, no leaks:
 - b) Antifreeze level is within safe operating range
 - c) Hoses are securely mounted, no cut, no damage, no leaking.
 - d) Coolant cup: close, secure

8. Oil level is within safe operating range, Dipstick secure
9. Steering:
 - a) Power steering fluid level is within safe operating range
 - b) Power steering fluid reservoir, mounted securely, no leaks, no crack, no damage
 - c) Power steering hoses, no damage, no cut, no leaks.
 - d) Power Steering Box:
 - e) Securely mounted and no leaking, no damage; nuts no missing no loosing,
 - f) All Hoses are securely mounted and no leaking, no damage, no cut.
 - g) Steering Column: mounted secure, no cracked, no damage, no bend.
 - h) U-joints connecting: mounted secure, no damage, properly grease.
 - i) Pitman Arm: mounted secure, no cracked, no damage
 - j) Drug link: mounted secure, no cracked, no damage
 - k) Appear control arm: mounted secure, no cracked, no damage
 - l) Lower control arm: mounted secure, no cracked, no damage
 - m) Tie Rod: mounted secure, no cracked, no damage
 - n) Caste Nuts and Cotter Pins: mounted secure, no cracked, no rust, no loose,
10. Windshield wipers reservoir: mounted secure, no cracked, no damage, no leaks, fluid present.



Close Hood: Hood Secure

STEERING AXLE: (FRONT TIRE)

- **Suspension**
- **Brakes**
- **Tires**

Tel. (929) 502-2122

Front tire:

- a) Not recap, good condition
- b) Tread depth not less 4/32
- c) Cord: no cracked, no damage
- d) Properly inflated, 100 psi
- e) Air valve no leak
- f) Rim: no dents, no welding, no damage
- g) Nuts: no missing, no loosing, no rust
- h) Hub seal: no leaks

1. Suspension:

- a) Leaf spring: no missing, no crack, no shift.
- b) Hangers: no missing, no crack, no loose

- c) U-bolt: no missing, no crack, no loose
- d) Shock absorber: no leaks

2. Brakes:

- a) Brake chamber: no damage, no leaks
- b) Air hoses: no damage, no leaks
- c) Slack adjuster: no more than one-inch play
- d) Brake drum:
 - no cracked, no damage,
 - all bolts secure no lose,
 - no oil on brake drums,
 - no debris on drums
- e) Brake lining: no less than ¼ inch

DRIVER DOOR FUEL AREA

DRIVING SCHOOL

- 1. Mirrors: mounted secure, no damage
- 2. Door: open and close properly, latches and hangers working properly,
- 3. Steps: secure
- 4. Fuel compartment:
- 5. Fuel cap –secure, no leaks.
- 6. Fuel tank: secure
- 7. Battery compartment: Secure, No damage, No rust



UNDER VEHICLE:

**Drive Shaft
Exhaust
Frame**

Tel. (920) 902-2122

- 1. Exhaust: no crack
- 2. Frame: no damage, no rust, no welding
- 3. Drive Shaft: mounted secure, no damage, no cracked
U-joints are free of any debris.
- 4. Torque Arm: mounted secure, no cracked, no damage
- 5. Tail lights, four-way flasher lights: not broken and working properly, have proper color.
- 6. Plate number: secure, properly mounted.

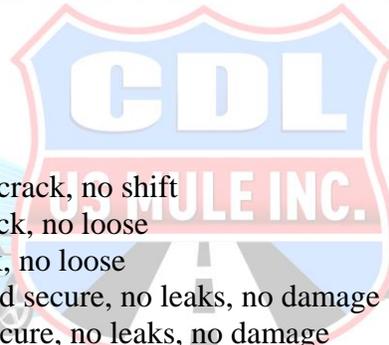
REAR TIRES OF TRACTOR: (DRIVING AXLE)

- **Suspension**
- **Brakes**
- **Tires**

- a) Good condition, same size, alike no touching, no rocks between tiers.
- b) Tread depth: 2/32
- c) Cord: no cracked, no damage
- d) Properly inflated, 100 psi
- e) Air valve: no leaks
- f) Rims: no dents, no damage
- g) Nuts: no missing, no loosening, no rust
- h) Bearing seal: no leaks

Rear suspension:

- a) Leaf spring: no missing, no crack, no shift
- b) Hangers: no missing, no crack, no loose
- c) U-bolt: no missing, no crack, no loose
- d) Air ride suspension: mounted secure, no leaks, no damage
- e) Shock absorber: mounted secure, no leaks, no damage
- f) Air hoses: mounted secure, no leaks, no damage
- g) Brake chamber: no damage, no leak
- h) Slack adjuster: can't reach to check it
- i) Brake drum: can't reach to check it
- j) Brake lining: can't reach to check it
- k) Splash Guard: this truck doesn't equip



DRIVING SCHOOL
MULE INC.
(929)-302-2122

CHECK MOUNTING: (COUPLING DEVICES)

1. Red - Air Emergency, Blue - Air service,
2. Green - Electrical lines
3. Air and Electrical lines: mounted secure, no leaks, no damage, no touching frame, with enough slack for turns.
4. Glad Hands: mounted secure, no damage, no leaks.
5. Catwalk: This truck doesn't equip
6. Fifth wheel:
7. Fifth wheel Skid Plate; mounted securely to the platform, no damage, no cracked, properly grease.
8. Platform (Fifth Wheel): mounted securely, no crack, no damage
9. Mounting Bolts: no lose, no missing, no rust,
10. Release Arm: in lock position
11. Apron: no cracked no bent, no space between apron and fifth wheel, properly lubrication,
12. Kingpin: no cracked no bent,
13. Locking Jaws: Locking jaws closed around kingpin

CHECK TRAILER: (TRAILER COMPONENTS)

1. Trailer:
2. Clearance lights, clean, not broken and working properly, have proper color.
3. Trailer no damage
4. Landing Gear Fully raised, securely mounted, no cracked no bent,
5. Support frame securely mounted, no cracked, no bent, no damage
6. Crank handle: secure
7. DOT stickers properly place
8. Frame: no cracked, no damage, no welds.
9. Cross Members: no cracked, no damage, no bent
10. Floor: no cracked, no damage

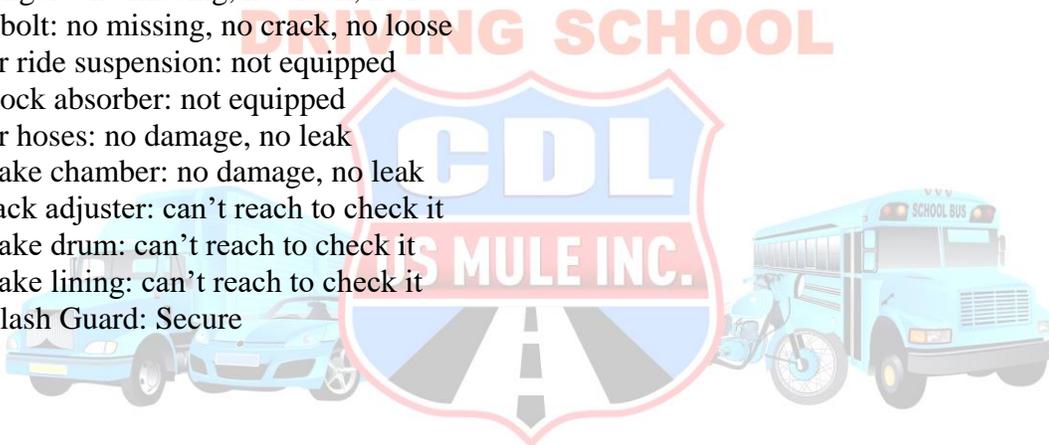
CHECK TRAILER TIERS: (TRAILER AXEL)

Trailer tiers:

- a) Good condition, alike no touching, no rocks between tiers.
- b) Tread depth: 2/32
- c) Properly inflated, 100 psi
- d) Cord: no cracked, no damage
- e) Rims: no dents, no damage
- f) Nuts: no missing, no loosing, no rust
- g) Bearing seal: no leaks
- h) Air valve: no leaks

Rear suspension:

- a) Leaf spring: no missing, no crack, no shift
- b) Hangers: no missing, no crack, no loose
- c) U-bolt: no missing, no crack, no loose
- d) Air ride suspension: not equipped
- e) Shock absorber: not equipped
- f) Air hoses: no damage, no leak
- g) Brake chamber: no damage, no leak
- h) Slack adjuster: can't reach to check it
- i) Brake drum: can't reach to check it
- j) Brake lining: can't reach to check it
- k) Splash Guard: Secure



Tel. (929) 302-2122
CHECK REAR SIDE OF TRAILER

1. Trailer gates secure
2. Clearance lights, hazard lights, signal lights, left and right: not broken, working properly.
3. Bumper: secure
4. DOT stickers properly placed
5. Plate number: secure, registration up to date

Ask examiner to help you check:

Left, Right turns signal;
Brake lights;

High beams, Low beams

Brakes Tests

Make sure system fully charged 125 PSI, if not charge it
Put ignition in on position. engine doesn't work

1. **Static Check:** Get to lower gear. Turn ignition in position on. Push in Tractor (Yellow) and Trailer (Red) Brakes. (Parking brake off.) Push and hold brake pedal. Gauges have stabilized, announce Primary and Secondary air pressure. With fully pressed on brake, you should not lose more than 4 PSI in one minute.

ANNOUNCE

“Tractor and trailer no losing more than 4 PSI in one minute. NO LEAKE.”

2. **Check Low Air Pressure Warning Device:** Pump brake pedal until it's BUZZ and LIGHT comes on, around 60 PSI.

ANNOUNCE

“Warning buzz and light came around 60 PSI. Low air pressure warning device working properly.”

3. **Check protection Valve and Spring Brakes Activation:** Pump brake pedal until tractor and trailer protection valves popped out.

ANNOUNCE

“The tractor protection valve and parking brake valve pop out between 40 and 20 PSI. working properly.”

CHECK STEERING WHEEL: (when engine off) No more than 2-inch free play.

SAFE START:

Make sure transmission is in neutral, fully depress the clutch.

Start engine.

ANNOUNCE

“Engine start safely, clutch working properly.”

CHECK STEERING WHEEL: (when engine on) No more than 2-inch free play.

CHECK AIR COMPRESSOR AND GOVERNED CUT-OFF: Start engine to build air pressure to 125 PSI.

ANNOUNCE

“Around 125 PSI Governed Cut-Off.” Governed and Air Compressor working.

CHECK DRIVERS COMPARTMENT: City horns are working. We don't have highway horn,
Wipers/Washers

CHECK ALL GAUGES: Temperature ... (normal 170-210 F), Oil pressure around 40 psi, Tachometer, Fuel tank, Speedometer not working because we don't move (check during service brake), Supply pressure, Application pressure, Battery charges on 14 (green line).

Check Heaters, Defroster, Working properly

CHECK EMERGENCY EQUIPMENT: Fire extinguisher, 3 Reflective triangles and Spare electrical fuses.

SAFETY BELT: securely mounted, adjust, latches properly, not ripped.

PARKING BRAKE CHECK

TRACTOR PARKING BRAKE: Get to first gear. Push in Tractor (Red) Brake off. Try to move vehicle.

ANNOUNS

Tractor Brake working properly.

TRAILER PARKING BRAKE: Push in Tractor (Yellow) brake, pull out Trailer (Red). Stay into low gear.

Try to move vehicle.

ANNOUNS

Trailer parking brake working properly.

HAND VALVE: Push hand valve down, Push in Tractor (Yellow) and Trailer (Red). Stay into low gear. Try to move vehicle.

ANNOUNS

Hand Valve working properly.

Tel. (929)-302-2122

AFTER PARKING BRAKE TEST BUILD UP AIR PRESSURE TO 125PSI.

SERVICE BRAKE CHECK

Pull forward at 5 MPH, apply service brake.

ANNOUNCE

Vehicle does not pull to either side, service brake working problem.

Speedometer working problem.

What to do if ...

1. ***You come to a bridge.*** Say, I am approaching over pass my vehicle weight about 64.000 lb. I don't see any overweight sign, I can proceed.
2. ***You approach an underpass.*** Say, I am approaching an underpass. My vehicle is 12 feet 6 inches tall, the underpass is ft high. I have enough room to proceed, if the underpass does not have a posted height, just say, I have enough room.
3. ***You approach to Railroad Crossing.*** Before reaching the crossing, Decelerate, brake smoothly, and shift gears as necessary. Look and listen for the presence of trains.
DO NOT STOP, DO NOT CHANGE GEAR, DO NOT CHANGE LANES,

