

In Vehicle/Engine start:

- Pre-trip exam will still be 30 minutes
- Customer will be allowed to use a checklist for their exam and will be able to check off items on it. No other writing is permitted.
- The checklist is for the customers reference only and has no influence in determining the scoring of the actual test.
- Passing score is 10 points or less for a school bus.
- Exam will start in cab, with air brake test being performed while inside.
- If air brake needs to be restarted, customer may re do it as many times as they feel they need to.
- If air brake is not performed in order and correctly, it becomes an auto fail if the customer exits the bus.
- Air brake will have to start with fully charged air tanks. Customer must either point to air gauges and say that they have a full tank of air or wait until the tanks governs out. Usually around 120-140 psi.
- Air brake will be graded as a four part test but they may include the air storage tank (static, 2 psi) as well.
 - The four graded parts are:
 1. Air tanks fully charged or governed out
 2. Service brake (Applied) pressure test @ 3psi in one minute
 3. Fan down brakes for light or alarm around 60 psi
 4. Fan down brakes for Parking brake to apply itself around 20-40 psi

(You may want to mention pausing after each one is performed)

- When doing the service brake (Applied) pressure test, examiner must time for one full minute. Customer must hold until examiner tells them to proceed.
- When doing the Air brake test, customer needs to tell their examiner when the warning light or buzzer should come on, (usually around 60 psi). They need to tell their examiner when it should come on if it is different than the usual 60 psi. *Example:* If the low air light and alarm comes on at 70, they need to make their examiner aware of this.
The customer needs to know how their vehicle works.

- This is also the same for the parking brake test. Customer will need to explain when the parking brake should set itself (usually between 20-40 psi). If it comes on before or after the 20-40 psi, they should tell their examiner when it should come on for their vehicle.
- Hydraulic brake test can be performed with the bus running or off.
- Service brake check is the same.
- Parking brake check is the same.
- Lighting indicators are the same (L, R, 4 ways, high beam, ABS and DEF).
- Emergency equipment is the same (fire extinguisher, spare electrical fuses unless circuit breakers are equipped, and 3 red reflective triangles).
- Windshield is the same.
- Traffic monitoring devices and student monitoring devices, are the mirrors/student mirror. Unless bus is equipped with windshield or traffic cameras, where the customer can monitor the cameras from inside the vehicle, then those will need checked as well.
- Windshield wipers must work (show working), but also need to give a description of what they are checking on the wipers.
- Washer fluid works (show working).
- Heater and defroster works. Do not have to feel for heat coming out of either, just show they work.
- Horn works (blow horn to show it works).

Front of Vehicle/Engine Area

- Lenses and reflectors. During walk around, customer must go over lenses and reflectors on front, side and rear. Including the student warning lights.
- All fluids in engine can be grouped together, (oil, coolant, power steering, hydraulic fluid). Customer must point to or touch each one, but can explain how they are checking them all together.
- Customer needs to check for fluid **AND** air leaks.
- Steering system can be grouped together. **Must** name the *steering gear box and hoses*, plus one other component of the steering system. (such as the steering shaft, pitman arm, drag link, upper and lower steering arms, tie rod, castle nuts and cotter keys).

Steering Axle

- Tire, (ICD) the (same), must mention checked with a tire gauge.
- Rim, (same).
- Lug nuts, (same).
- Spring, spring mounts, air bags, air bag mounts and shocks (same).
- Brake lines or hoses, and leaks (same).
- Brake contaminates are dirt, oil, grease, metal shavings, anything that could cause damage to brake system.

Side of Vehicle

- Lenses and reflectors, as described previously.
- Traffic monitoring devices (mirrors).
- Battery (same) but battery door or cover does not have to be opened.
- Fuel tank, leaks, cap (same).
- Def tank, leaks, and cap.
- Frame, (same).

Rear of Vehicle

- Lenses and reflectors or reflective tape, as described previously.

Lights Operation Check

- Customer may still ask their examiner to assist them with their light check. In order to get this point, the customer must activate and check all lights on the front side and rear of vehicle. A point will not be given if one is missed.

This includes:

- Front: (L-R-4-HL-HB-C)
- Side: (L-R-4-C)
- Rear: (L-R-4-BL-TL-C)

Passenger/School Bus Only

- Passenger entry is still the door, rail, and tread (DRT).
- If bus is equipped with a lift, it will need to be checked (same).
- Emergency exits, check one of each, then customer is able to say that they would check the others the same as the one they checked.

- Passenger seating (same).
- Passenger monitoring devices (mirror) or inside cameras that have a display for the driver to monitor.

School Bus Only

- Student Lights, front and back. Must show lenses and show that they are working during operational light check.
- Stop arm and safety arm (same).
- First aid and body fluid kit (same).

Skills

- Instructions will be given at the beginning of each maneuver.
- A passing score is 8 points or less.
- Four maneuvers:
 - **Forward Stop**, forward motion, no looks, graded at first stopping of the vehicle.
 - **Straight Line Backing**, forward motion, one free pull up, one look.
 - **Forward Offset Tracking**, forward motion, no looks.
 - **Reverse Offset Backing**, backward motion, two looks, two free pull ups.

Class B or Class C Checklist Passenger or School Bus

In-Vehicle/Engine Start

- *air or *hydraulic brake check
- parking & trailer brake check
- service brake check
- lighting indicators
- emergency equipment
- windshield & traffic monitoring devices
- wipers & washers
- heater & defroster
- horn(s)

Passenger and School Bus Only

- passenger entry & lift
- emergency exits
- passenger seating
- passenger monitoring devices

School Bus Only

- student lights (front & back)
- stop arm(s) & safety arm
- first aid & body fluid kits

Lights Operations Check

- all external lights

Front of Vehicle/Engine Area

- lenses
- fluid levels
- fluid & air leaks
- steering systems

Steering Axle

- tires
- rims
- lug nuts
- springs/mounts & air bags & shocks
- brake lines or hoses & leaks
- brake contaminants

Side of Vehicle

- lenses & reflectors
- traffic monitoring devices
- battery
- fuel tank(s)/DEF tank
- frame(s)

Rear of Vehicle

- lenses & reflectors

* Automatic failure if not performed correctly

You are only required to inspect the items on the CDL Vehicle Inspection checklist. You may use this checklist for your test and check off items as you have completed them, **NO** additional markings or writing may be placed on this list. You **MUST** name, point to and/or touch and fully explain what you are inspecting each safety critical item for. If you do not do so, you will not get credit for the item(s).

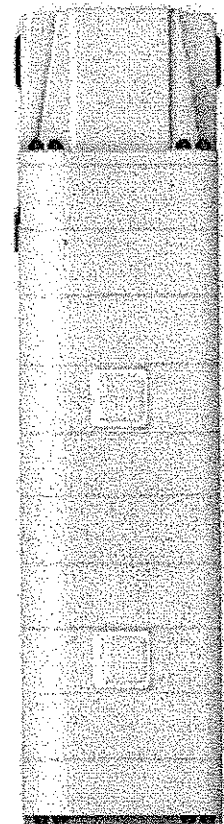
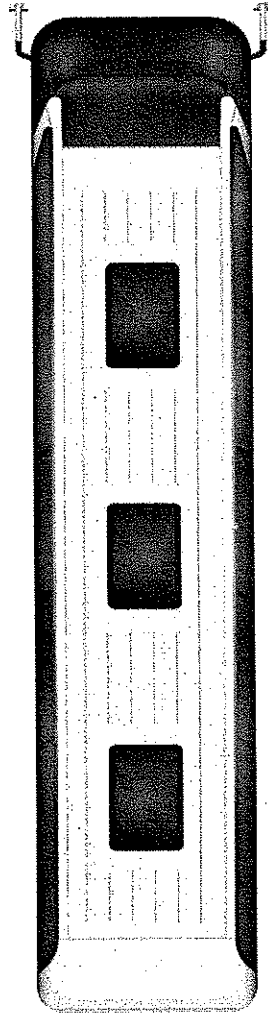


Figure 12M.1: Exercise 1 – Forward Stop

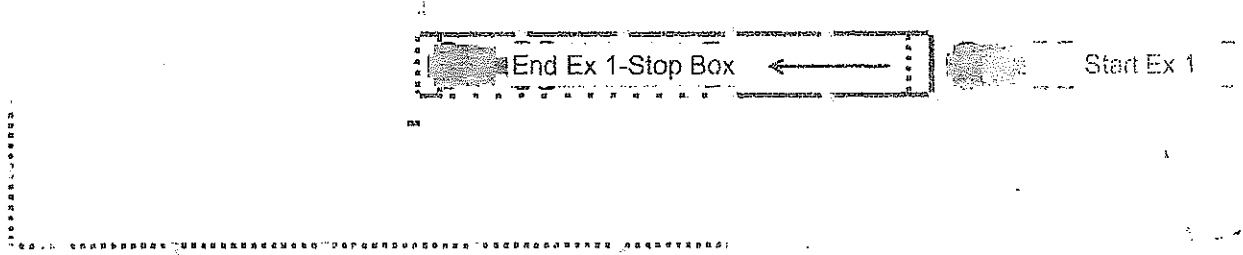


Figure 12M.2: Exercise 2 – Straight Line Backing

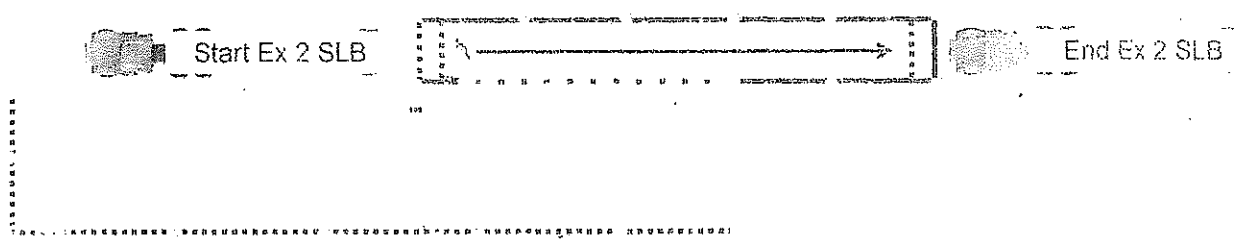


Figure 12M.3: Exercise 3 – Forward Offset Tracking

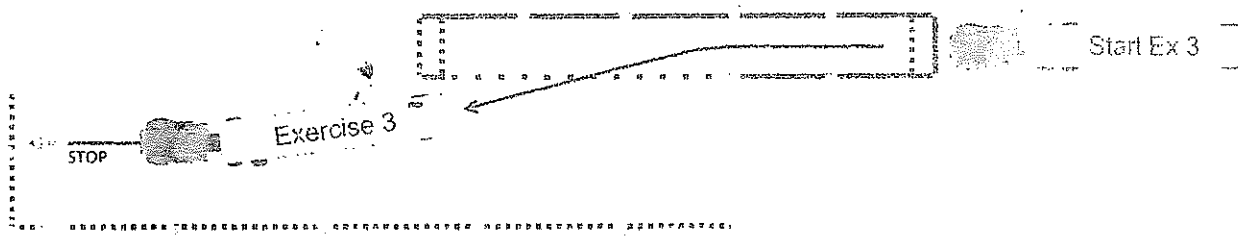
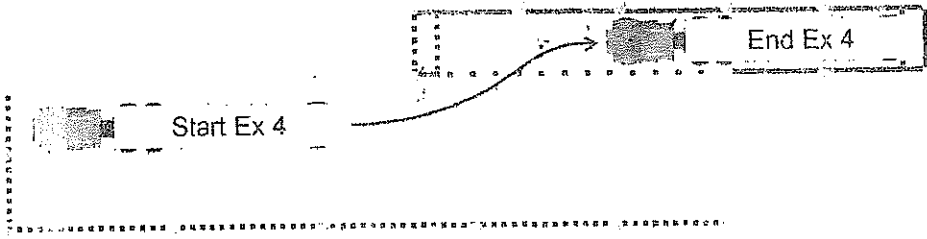


Figure 12M.4: Exercise 4 – Reverse Offset Backing



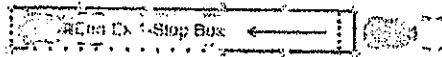
MODERNIZED CDL BASIC CONTROL SKILLS TEST GENERAL INSTRUCTIONS

For the Basic Control Skills test, you will demonstrate your ability to maneuver a commercial vehicle around other objects as described in Section 12M of the CDL Driver's Manual. You will receive points for changing direction to gain a better position or stopping during forward moving maneuvers, crossing over or touching boundary lines or cones and for your final position. You may be permitted to exit the vehicle to check around the vehicle during backing exercises. When exiting or entering the vehicle, you must set your parking brake, place the vehicle in neutral, and safely exit/enter while maintaining three points of contact at all times.

If you open the door, move from a seated position when in physical control of the vehicle, [or on a bus, walk to the back to get a better view], you will be scored for a look. You must complete the exercise as directed. If you see me raise my hand, stop and return your vehicle within the exercise boundary lines. I will give you specific instructions for each exercise prior to performing them. Do you have any questions?

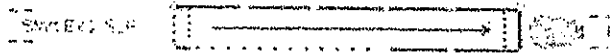
Step 1 — Forward Stop

You will demonstrate your ability to judge the front of your vehicle during a controlled stop. Drive forward through the alley and stop with the front most part of the vehicle in the box without going past the front of the alley. (POINT to the front part of the vehicle that will be scored). You may stop only once. When you have stopped, set your parking brake, shift to neutral and sound the horn. Do you have any questions?



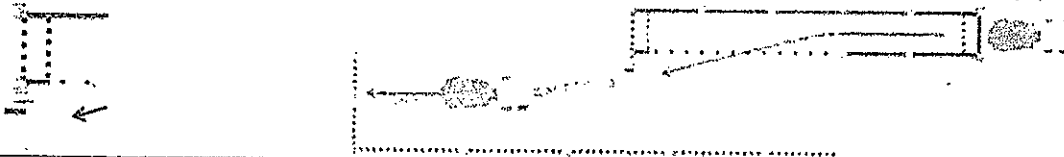
Step 2 — Straight-line Backing

You will demonstrate your ability to back a vehicle in a straight line. Pull forward and stop when I raise my hand. Then back straight through the alley until the front of your vehicle has cleared the last set of cones at the far end of the alley. You are allowed 1 free pull-up and may safely exit the vehicle only 1 time to check around the vehicle. Set your parking brake, shift to neutral and sound your horn when you have completed the exercise. Do you have any questions?



Step 3 — Forward Offset Tracking

You will demonstrate your ability to maneuver a vehicle around other objects while moving forward. Drive forward and steer to the left through the opening into the opposite lane, keeping the right most rear tire between the cone and the line. There are NO free back-ups, and you are NOT permitted to exit the vehicle during this exercise. Stop your vehicle when you are parallel to the outer boundary, prior to or at the cones at the far end of the exercise. When you have stopped, set your parking brake, shift to neutral and sound the horn. Do you have any questions?



Step 4 — Reverse Offset Backing

You will demonstrate your ability to offset back and park a vehicle at the end of an alley. Starting parallel with the outer boundary, offset back into the alley, bringing the rear most part of your vehicle within 3 feet of the rear of the alley. Stop with the rear most part of the vehicle in the box. (POINT to the rear part of the vehicle that will be scored). Your vehicle must be within all boundary lines when completed. You may not go beyond the outer boundary line (point to boundary line). You are allowed 2 free pull-ups and may exit the vehicle a maximum of 2 times to check around the vehicle during this exercise. Set your parking brake, shift to neutral and sound your horn when you have completed the exercise. Do you have any questions?

