

MICHIGAN CDL SKILLS TEST VEHICLE INSPECTION MEMORY AID

CAB CHECK/ENGINE START

safety belt	oil pressure gauge	horn	parking brake
emer. equip	ammeter or voltmeter	heater/defroster	service brake/ABS
safe start	*air gauge	mirrors/windshield	*air brake check
temperature gauge	lighting indicators	wipers/washers	hydraulic brake check

All Combination Vehicles

Truck

air & electric connectors

Coupling System
mounting bolts
pintle hook
hitch release lever
safety devices

Trailer

air & electric connectors & lines
Coupling System
tongue or draw bar bolts
mounting bolts
safety devices
sliding pintle

Tractor

air & electric connectors & lines
Coupling System
mounting bolts
platform
locking jaws or lever
release arm & safety latch
5th wheel skid plate
Slide 5th wheel pins

Semi-Trailer

air & electric connectors
Coupling System
king pin
apron
gap

SCHOOL BUS/TRUCK/TRACTOR

Front of Vehicle
lights & reflectors

Engine Compartment

oil level
coolant level
power steering fluid-
belt or gear
water pump
alternator belt or gear
air compressor- belt or gear
leaks & hoses

Steering

steering box & hoses
steering linkage

Front Wheel

tires
rims
lug nuts
axle seal

Front Suspension

springs & shocks
u-bolts
spring mounts

Front Brake

brake hose/line
*brake chamber
*slack adjuster & push rod
drum & linings / rotor & pad

Driver Fuel Area

door & mirror
fuel tank & cap & leaks
catwalk & steps
lights & reflectors

Under Vehicle

drive shaft
exhaust system
frame

Rear Wheels

tires
rims
lug nuts
axle seal
spacers or budd spacing

Rear Suspension

springs & airbags & shocks
u-bolts
spring/air mounts & torque arm

Rear Brake

brake hose/line
*brake chamber
*slack adjuster & push rod
drum & linings / rotor & pad

Rear of Vehicle

doors & ties & lift
splash guards
lights, reflectors & reflective tape

TRAILER

Trailer Front
header board or bulkhead
lights & reflectors

Side of Trailer

landing gear
frame & tandem release
doors, ties & lifts
lights & reflectors

Wheels

tires
rims
lug nuts
axle or hub oil seal
spacers or budd spacing

Suspension

springs & airbags & shocks
u-bolts
spring/air mounts & torque arm

Brake

brake hose/line
*brake chamber
*slack adjuster & push rod
drum&linings / rotor&pad

Rear of Trailer

doors & ties & lift
splash guards
lights, reflectors & reflective tape

All Passenger Vehicles

Passenger Items
passenger entry & lifts
emergency exits
seating

Baggage compartment
doors secure (baggage)

School Bus Only

student lights

Student Safety Items

stop arm & safety arm
student mirrors
passenger entry / lifts
emergency kit & body fluid kit

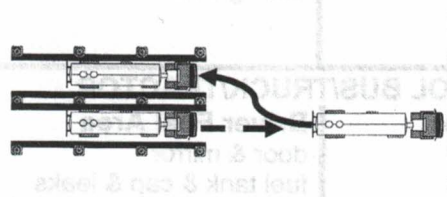
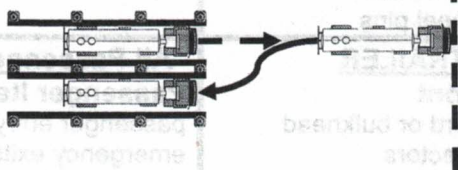
*Inspect on vehicles equipped with air brakes only



STATE OF MICHIGAN
RUTH JOHNSON, SECRETARY OF STATE
DEPARTMENT OF STATE
LANSING

Minor changes have been made to Michigan's CDL driving skills test to comply with new Federal rules after some manuals were published. This document describes changes in the basic control skills test exercises (Section 12) and the vehicle inspection (Section 11).

The basic control skills test exercises now include the following maneuvers: 1) straight-line backing; 2) off-set backing (either right or left); and 3) alley dock. The off-set backing exercise is new to Michigan's test (see diagrams).



The following items have been added to the required vehicle inspection elements. The memory aid on the reverse page includes these items. You may use this memory aid during your test.

Air gauge: During the cab check and engine start, you must check the air gauge (if vehicle is equipped with air brakes):

- Make sure the air gauge is working properly.
- Build air pressure to governor cut-out, roughly 120-140 psi.

Air brake automatic failure: Failure to properly perform all components of the air brake check results in an automatic failure of the vehicle inspection test.

Parking brake: You must inspect the parking brake.

- With the parking brake released and the trailer parking brake engaged (combination vehicles only), check that the trailer parking brake will hold vehicle by gently trying to pull forward with the trailer parking brake on.

Service brake: You must check the application of air or hydraulic service brakes.

- Pull forward at 5 mph, apply the service brake and stop. Check to see that the vehicle does not pull to either side and that it stops when brake is applied.

Reflector tape condition: When checking that all external lights and reflective equipment are clean and functional, light and reflector checks, you must check the reflector tape condition.

Body fluid clean-up kit: If the vehicle is a school bus, you must check for a body fluid clean-up kit when checking the emergency equipment.