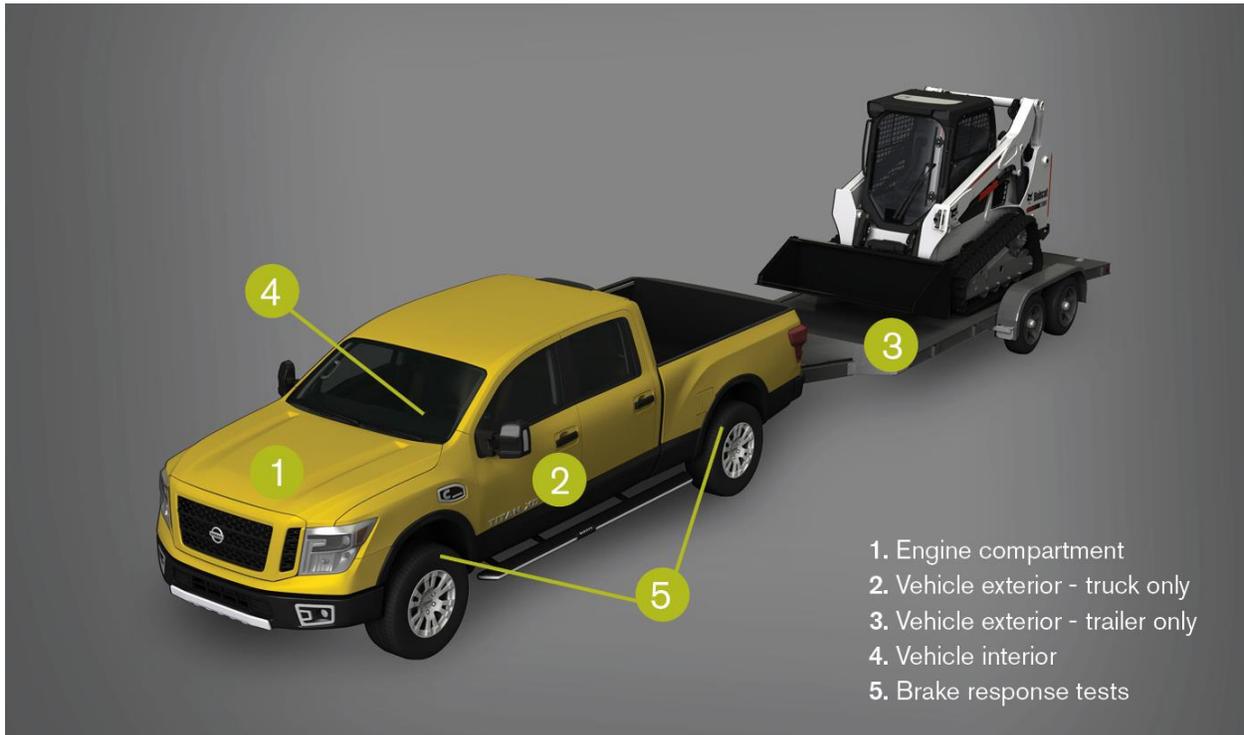


5 G ENDORSEMENT



This section applies to two-axle trucks towing a heavy trailer that weighs over 4,600 kg (10,141 lb.) including the load.

Applicable inspection schedules: Schedule 1¹

Before you begin:

- set the parking brake
- shut off the engine
- block the wheels

1. Engine compartment

Open the engine compartment and make sure the safety lock for the hood is in the locked position, if equipped.

Inspect the following items:

Fluid levels	All fluids must be at a safe operating level including: <ul style="list-style-type: none">✓ engine oil✓ engine coolant (do not remove radiator cap)✓ power steering fluid✓ brake fluid
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	✓ windshield washer fluid
Belts	Check all drive belts for tension, wear, cracks and fraying. Note: Never check the belts while the engine is running.
Hoses	Check all hoses for leaks, fraying or poor connections.
Electrical wiring and connections	Check all wiring for bare wires or loose connections.
Battery	Check for corrosion and leaks. Make sure the battery and the battery cables are secure.

2. Vehicle exterior - truck only

When conducting a heavy trailer inspection, you need to inspect both the truck and the trailer. The truck and the trailer must be coupled together when conducting the inspection. For simplicity, we will identify the inspection items for the truck and the trailer separately.

If there are multiples of the same item on the vehicle, you must inspect each item the same way. For example, on a truck towing a heavy trailer, there will typically be a minimum of eight tires and rims that need to be inspected individually.

Inspect the following items:

Headlights	Both the low beam and high beam lights must be working.
Hazard lights	Check the operation of all hazard lights on the front, sides and rear of the truck.
Signal lights	Check the operation of both the left and right signal lights on the front, sides and rear of the truck.
Clearance, marker and identification lights	Where equipped, check that all lights on the top, front, rear and along the sides of the truck are working.
Tail lights	Make sure they are working.
Brake lights	Make sure they are working.

Mirrors	All mirrors must be securely attached to the vehicle.
Doors	Both front driver side and passenger side doors must open and close properly from the outside.
Fuel tank(s)	Fuel cap is on and secure.
	Tank is secure and straps are not loose.
	Fuel lines are secure and there is no fuel leaking.
Exhaust leaks	Make sure there are no audible or visible signs of leaks.
Fluid leaks	Look for fluid leaks underneath the truck.
Suspension	Check all suspension components on each axle including: <ul style="list-style-type: none"> • cracked or broken springs • leaking shocks • loose U-bolts
Frame	Where the frame is visible, look for damage or cracks.
Tires	Check each tire for: <ul style="list-style-type: none"> • proper inflation • adequate tread depth • damages, cuts or bulges on the sidewall • tread separation
Rims	Look for damage or cracks.
Lug nuts	Look for missing lug nuts.
	Look for rust or shiny rings around the contact surfaces to indicate a loose lug nut.
Coupling devices (fifth-wheel, pintle hitch, draw bar or ball hitch)	Coupling device must be securely attached to the vehicle.
	Must be properly coupled to the trailer.

	Must be in the locked position and locked by the applicable locking device such as a pin or jaws of a fifth-wheel.
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3. Vehicle exterior - trailer only

In the above section we identified the inspection items for the truck only. We will now identify the inspection items for the trailer.

Inspect the following items:

Hazard lights	Check the operation of all hazard lights on the sides and rear of the trailer.
Signal lights	Check the operation of both the left and right signal lights on the sides and rear of the trailer.
Clearance, marker and identification lights	Check that all lights on the front, rear and along the sides of the trailer are working. <hr/> Check that all lights at the top of the front and rear of the trailer are working.
Tail lights	Make sure they are working.
Brake lights	Make sure they are working.
Reflective tape	If equipped, all reflective tape along both sides of the trailer must be properly affixed, not damaged and cover at least 50% of the length of the trailer. <hr/> All reflective tape on the rear of the trailer must be properly affixed and not damaged.
Electrical cord	Must be properly connected to the truck.
Safety chains	Must be properly connected to the truck.
Landing gear and handle	Landing gear must be raised, secure and not damaged. <hr/> Handle must be stowed in the retaining clip.

Frame	Check frame rails and cross members for cracks, bending or damage.
Suspension	Check all suspension components on each axle including: <ul style="list-style-type: none"> • cracked or broken springs • leaking shocks • loose U-bolts
Tires	Check each tire for: <ul style="list-style-type: none"> • proper inflation • adequate tread depth • damages, cuts or bulges on the sidewall • tread separation
Rims	Look for damage or cracks.
Lug nuts	Look for missing lug nuts. Look for rust or shiny rings around the contact surfaces to indicate a loose lug nut.
Load or cargo	Make sure that the load is secure.
Tailgate, cargo or entry doors	Must be closed and secure. All hinges must be secure and not damaged.

4. Vehicle interior

For the in-cab inspection, some of the items will need to be inspected while the engine is running. We recommend starting the engine before you begin the in-cab inspection.

Inspect the following items:

Driver seat	Make sure the seat is secure and properly adjusted for you.
Driver seat belt	Fasten and unfasten seat belt to make sure it works properly.
Mirrors	All mirrors must be clear, unobstructed and not damaged.

	Make sure all mirrors are properly adjusted for you.
Windshield	Must be clear, unobstructed and not damaged.
Windshield wipers and washer	Check the wipers for damage and make sure they wipe properly. Turn on the windshield washer to make sure it works properly.
Windows	Side and rear windows must be clear, unobstructed and not damaged.
Doors	Both front driver side and passenger side doors must open and close properly from the inside.
Steering	Check for excessive free play.
Horn	Make sure it is working.
Instrument panel	Make sure there are no warning lights present. Turn on the left and right signals, hazard lights and high beams to make sure the indicator lights are working properly.
Gauges	Engine must be running. Identify each gauge and make sure each gauge is in its normal operating range.
Switches	Engine does not have to be running, but the key must be turned on. Identify each switch and make sure each switch is in its normal operating position.
Heater, defroster and fan speed	Make sure all temperature controls work and it switches between the heater and defroster positions. Check the fan speed in both the heater and defroster positions.

	Use your hand to physically check for air blowing out of the vents.
Fire extinguisher	Must be present if commercial vehicle is registered in Class LV, A, C or D, wider than 2,060 mm and used for business or commercial purposes. Must be secure and properly charged.
Flares, reflectors or triangles	A minimum of three flares/reflectors must be present if vehicle is wider than 2,060 mm and being operated outside corporate limits of an urban municipality.

5. Brake response tests

Before driving anywhere, it is important to make sure that your brakes work. This section will explain how to test both the service and park brakes for both the truck and the trailer.

Remove the blocks and test the following items:

Trailer breakaway switch	Disconnect the electrical cord from the truck. Remove the pin on the breakaway switch and try to gently pull ahead to test the emergency application of the trailer brakes. Replace the pin for the breakaway switch and reconnect the electrical cord to the truck.
Truck park brake	Apply the truck park brake and try to gently pull ahead to test the application of the truck park brake.
Trailer brake hand control	Release the truck park brake, drive slowly ahead and apply the trailer brakes using the hand control, if equipped.
Truck foot brake	Release the hand control, drive slowly ahead and apply the foot brake.

Footnotes

1. Applies to commercially licensed heavy trailer combination units with a registered gross vehicle weight of 11,794 kg or more. ⇐