

# Vehicle Inspection Guide

Complete your daily vehicle inspection by referring to the guide below.

Connect with your Commercial Auto Risk Engineering Specialist or visit [sovereigninsurance.ca](http://sovereigninsurance.ca) or call toll free at 1-800-661-1652.

## In-cab check

- door (NSC 2)
- horn (NSC 16)
- seat (NSC 7)
- driver controls (NSC 6)
- steering (NSC 19)
- documentation  
(all defects recorded)
- emergency equipment (NSC 9)
- glass & mirrors (NSC 14)

## Front driver

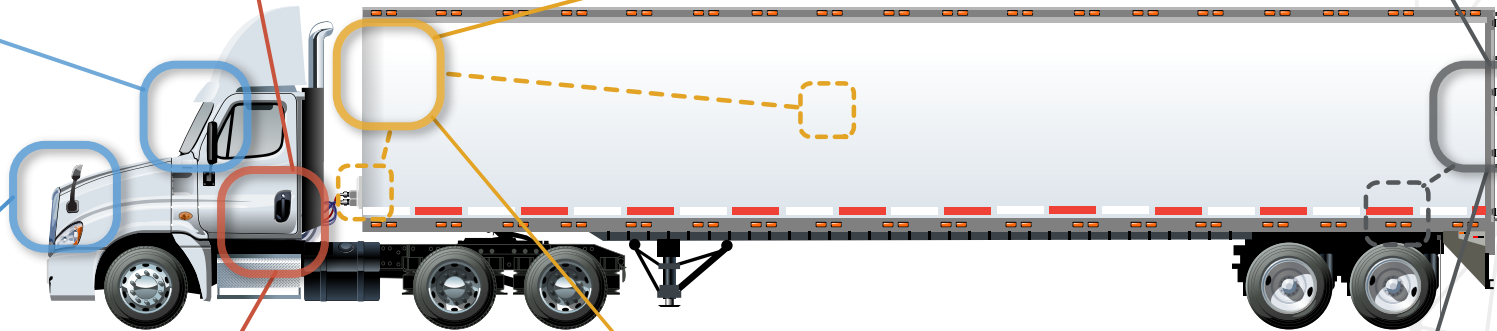
- suspension (NSC 20)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- fuel & gauges, mirrors & exhaust system (NSC 10, 12, 14)
- lights & reflectors (NSC 18)
- side of cab (NSC 2)
- valid inspection sticker & cab card

## Driver side to back

- frame & cross members (NSC 11)
- suspension (NSC 20)
- brake components (NSC 1, 8, 17)
- cross rails & lines, landing gear (NSC 11)
- air lines (NSC 1)
- coupling devices (NSC 4)
- side of trailer (NSC 11)
- front of trailer (NSC 11)
- back of cab (NSC 2)
- lights & reflectors (NSC 18)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- under tractor (NSC 11)
- conspicuity tape

## Back driver

- rear of trailer (NSC 11)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- lights & reflectors (NSC 18)
- conspicuity tape
- brake components (NSC 1, 8, 17)
- side of trailer (NSC 11)



## Under-hood check

- cold & warm check under hood
- safety components (steering, suspension & brake system) (NSC 1, 8, 17, 19, 20)

## Front passenger

- side of cab (NSC 2)
- lights & reflectors (NSC 18)
- fuel & gauges, mirrors & exhaust system (NSC 10, 12, 14)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- suspension (NSC 20)

## Passenger side to back

- under tractor (NSC 11)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- lights & reflectors (NSC 18)
- back of cab (NSC 2)
- front of trailer (NSC 11)
- side of trailer (NSC 11)
- conspicuity tape
- air lines (NSC 1)
- cross rails & lines, landing gear (NSC 11)
- brake components (NSC 1, 8, 17)
- suspension (NSC 20)
- frame & cross members (NSC 11)
- coupling devices (NSC 4)

## Back passenger

- rear of trailer (NSC 11)
- wheels, rims, tires, hubs & fasteners (NSC 21, 22)
- bogie frame (NSC 11)
- conspicuity tape
- brake components (NSC 1, 8, 17)
- side of trailer (NSC 11)

# Schedule 1 - Truck, Tractor, Trailer

This schedule applies to, as outlined in the National Safety Code (NSC), trucks, tractors, mobile equipment vehicles or trailers and/or any combination of these vehicles that have a registered gross weight or actual weight of more than 4,500 kilograms.<sup>1</sup> Keep in mind, all defects must be recorded on the inspection report and reported to the operator immediately. No vehicle should be driven with a major defect.

Component(s)	Defect(s)	Major Defect(s)
1. Air Brake System	<ul style="list-style-type: none"> <li>audible air leak</li> <li>slow air pressure build-up rate</li> </ul>	<ul style="list-style-type: none"> <li>pushrod stroke of any brake exceeds the adjustment limit</li> <li>air loss rate exceeds prescribed limit</li> <li>inoperative towing vehicle (tractor) protection system</li> <li>low air warning system fails or system is activated</li> <li>inoperative service, parking or emergency brake</li> </ul>
2. Cab	<ul style="list-style-type: none"> <li>occupant compartment door fails to open</li> </ul>	<ul style="list-style-type: none"> <li>any door fails to close securely</li> </ul>
3. Cargo Securement	<ul style="list-style-type: none"> <li>insecure or improper load covering</li> </ul>	<ul style="list-style-type: none"> <li>insecure cargo</li> <li>absence, failure, malfunction or deterioration of required cargo securement device or load covering</li> </ul>
4. Coupling Devices	<ul style="list-style-type: none"> <li>coupler or mounting has loose or missing fastener</li> </ul>	<ul style="list-style-type: none"> <li>coupler is insecure or movement exceeds prescribed limit</li> <li>coupling or locking mechanism is damaged or fails to lock</li> <li>defective, incorrect or missing safety chain/cable</li> </ul>
5. Dangerous Goods		<ul style="list-style-type: none"> <li>dangerous goods requirements not met</li> </ul>
6. Driver Controls	<ul style="list-style-type: none"> <li>accelerator pedal, clutch, gauges, audible and visual indicators or instruments fail to function properly</li> </ul>	
7. Driver Seat	<ul style="list-style-type: none"> <li>seat is damaged or fails to remain in set position</li> </ul>	<ul style="list-style-type: none"> <li>seatbelt or tether belt is insecure, missing or malfunctions</li> </ul>
8. Electric Brake System	<ul style="list-style-type: none"> <li>loose or insecure wiring or electrical connection</li> </ul>	<ul style="list-style-type: none"> <li>inoperative breakaway device</li> <li>inoperative brake</li> </ul>
9. Emergency Equipment & Safety Devices	<ul style="list-style-type: none"> <li>emergency equipment is missing, damaged or defective</li> </ul>	
10. Exhaust System	<ul style="list-style-type: none"> <li>exhaust system</li> </ul>	<ul style="list-style-type: none"> <li>leak that causes exhaust gas to enter the occupant compartment</li> </ul>
11. Frame & Cargo Body	<ul style="list-style-type: none"> <li>damaged frame or cargo body</li> </ul>	<ul style="list-style-type: none"> <li>visibly shifted, cracked, collapsing or sagging frame member(s)</li> </ul>
12. Fuel System	<ul style="list-style-type: none"> <li>missing fuel tank cap</li> </ul>	<ul style="list-style-type: none"> <li>insecure fuel tank</li> <li>dripping fuel tank</li> </ul>
13. General		<ul style="list-style-type: none"> <li>serious damage or deterioration that is noticeable and may affect the vehicle's safe operation</li> </ul>
14. Glass & Mirrors	<ul style="list-style-type: none"> <li>required mirror or window glass fails to provide the required view to the driver as a result of being cracked, broken, damaged, missing or maladjusted</li> </ul>	

Component(s)	Defect(s)	Major Defect(s)
	<ul style="list-style-type: none"> <li>required mirror or glass has broken or damaged attachments onto vehicle body</li> </ul>	
15. Heater / Defroster	<ul style="list-style-type: none"> <li>control or system failure</li> </ul>	<ul style="list-style-type: none"> <li>defroster fails to provide unobstructed view through the windshield</li> </ul>
16. Horn	<ul style="list-style-type: none"> <li>vehicle has no operative horn</li> </ul>	
17. Hydraulic Brake System	<ul style="list-style-type: none"> <li>brake fluid level is below indicated minimum level</li> <li>parking brake is inoperative</li> </ul>	<ul style="list-style-type: none"> <li>brake boost or power assist is not operative</li> <li>brake fluid leak</li> <li>brake pedal fade or insufficient brake pedal reserve</li> <li>activated (other than ABS) warning device</li> <li>brake fluid reservoir is less than ¼ full</li> </ul>
18. Lamps & Reflectors	<ul style="list-style-type: none"> <li>required lamp does not function as intended</li> <li>required reflector is missing or partially missing</li> </ul>	<p><b>When lamps are required:</b></p> <ul style="list-style-type: none"> <li>failure of both low-beam headlamps</li> <li>failure of both rearmost tail lamps</li> </ul> <p><b>At all times:</b></p> <ul style="list-style-type: none"> <li>failure of a rearmost turn-indicator lamp</li> <li>failure of both rearmost brake lamps</li> </ul>
19. Steering	<ul style="list-style-type: none"> <li>steering wheel lash (free-play) is greater than normal</li> </ul>	<ul style="list-style-type: none"> <li>steering wheel is insecure, or does not respond normally</li> <li>steering wheel lash (free-play) exceeds required limit</li> </ul>
20. Suspension System	<ul style="list-style-type: none"> <li>air leak in air suspension system</li> <li>broken spring leaf</li> <li>suspension fastener is loose, missing or broken</li> </ul>	<ul style="list-style-type: none"> <li>damaged, deflated air bag</li> <li>cracked or broken main spring leaf or more than one broken spring leaf</li> <li>part of spring leaf or suspension is missing, shifted out of place or in contact with another vehicle component</li> <li>loose U-bolt</li> </ul>
21. Tires	<ul style="list-style-type: none"> <li>damaged tread or sidewall of tire</li> <li>tire leaking</li> </ul>	<ul style="list-style-type: none"> <li>flat tire</li> <li>tire tread depth is less than wear limit</li> <li>tire is in contact with another tire or any vehicle component other than mud-flap</li> <li>tire is marked "not for highway use"</li> <li>tire has exposed cords in the tread or outer side wall area</li> </ul>
22. Wheels, Hubs & Fasteners	<ul style="list-style-type: none"> <li>hub oil below minimum level (when fitted with sight glass)</li> <li>leaking wheel seal</li> </ul>	<ul style="list-style-type: none"> <li>wheel has loose, missing or ineffective fastener</li> <li>damaged, cracked or broken wheel, rim or attaching part</li> <li>evidence of imminent wheel, hub or bearing failure</li> </ul>
23. Windshield Wiper / Washer	<ul style="list-style-type: none"> <li>control or system malfunction</li> <li>wiper blade damaged, missing or fails to adequately clear driver's field of vision</li> </ul>	<p><b>When necessary for prevailing weather conditions:</b></p> <ul style="list-style-type: none"> <li>wiper or washer fails to adequately clear driver's field of vision in area swept by driver's side wiper</li> </ul>