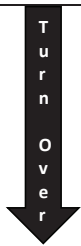


Province of Nova Scotia Commercial Vehicle Inspection - Schedule 1 - Truck, Tractor and Trailer or Combination over 4500kg		
Systems & Components	Defect(s)	Major Defect(s)
<b>Start Here</b>		
<b>1. Air Brake System</b>	<ul style="list-style-type: none"> <li>Audible air leak.</li> <li>Slow air pressure build up rate.</li> </ul>	<ul style="list-style-type: none"> <li>Push rod 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>
<b>2. Cab</b>	<ul style="list-style-type: none"> <li>Occupant compartment door fails to open.</li> </ul>	<ul style="list-style-type: none"> <li>Any cab or sleeper door fails to close securely.</li> </ul>
<b>3. Cargo Securement</b>	<ul style="list-style-type: none"> <li>Insecure or improper load covering (e.g. wrong type or flapping in the wind).</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>
<b>4. Coupling Devices</b>	<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>
<b>5. Dangerous Goods</b>		<ul style="list-style-type: none"> <li>Dangerous Goods requirements not met.</li> </ul>
<b>6. Driver Controls</b>	<ul style="list-style-type: none"> <li>Accelerator pedal, clutch, gauges, audible and visual indicators or instruments fail to operate properly.</li> </ul>	
<b>7. Driver Seat</b>	<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 or missing or malfunctions.</li> </ul>
<b>8. Electric Brake System</b>	<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>
<b>9. Emergency Equipment &amp; Safety Devices</b>	<ul style="list-style-type: none"> <li>Emergency equipment is missing, damaged or defective.</li> </ul>	
<b>10. Exhaust System</b>	<ul style="list-style-type: none"> <li>Exhaust leak</li> </ul>	<ul style="list-style-type: none"> <li>Leak that causes exhaust gas to enter the occupant compartment.</li> </ul>
<b>11. Frame &amp; Body Cargo</b>	<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>
<b>12. Fuel System</b>	<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 leak.</li> </ul>
<b>13. General</b>		<ul style="list-style-type: none"> <li>Serious damage or deterioration that is noticeable and may affect the vehicle's safe operation.</li> </ul>
<b>14. Glass &amp; Mirrors</b>	<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> <li>Required mirror or glass has broken or damaged attachments onto vehicle body.</li> </ul>	
<b>15. Heater/Defroster</b>	<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>
<b>16. Horn</b>	<ul style="list-style-type: none"> <li>Vehicle has no operative horn.</li> </ul>	
<b>17. Hydraulic Brake System</b>	<ul style="list-style-type: none"> <li>Brake fluid level is below minimum indicated level.</li> </ul>	<ul style="list-style-type: none"> <li>Parking brake is inoperative.</li> <li>Brake boost or power assist is inoperative.</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 1/4 full.</li> </ul>



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Systems & Components	Minor Defect(s)	Major Defect(s)
<b>18. Lamps &amp; Reflectors</b>	<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 rear most turn-indicator lamp.</li> <li>Failure of both rearmost brake lamps.</li> </ul>
<b>19. Steering</b>	<ul style="list-style-type: none"> <li>Steering wheel lash (free-play) is great 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 prescribed limit.</li> </ul>
<b>20. Suspension System</b>	<ul style="list-style-type: none"> <li>Air leak in 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 (patched, cut, bruised, cracked to braid, mounted insecurely) or 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 in contact with another vehicle component</li> <li>Loose U-bolt.</li> </ul>
<b>21. Tires</b>	<ul style="list-style-type: none"> <li>Damaged tread or sidewall of tire.</li> <li>Tire leaking (if leak can be felt or heard, tire is to be treated as flat)</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 other vehicle component other than mud-flap.</li> </ul>
<b>22. Wheels, Hubs &amp; Fasteners</b>	<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>
<b>23. Windshield Wiper/ Washer</b>	<ul style="list-style-type: none"> <li>Control or System malfunction.</li> <li>Wiper blade is 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>

**How to adjust the automatic slack adjusters from the cab of your tractor.**

Step 1	Step 2	Step 3
<p>With engine running and brakes released, make up to 12 full brake applications without the air pressure going below 100 psi.</p> <p><b>In other words:</b></p> <ul style="list-style-type: none"> <li>Make 3 full brake applications, then stop, let the pressure build back up to maximum pressure.</li> <li>Make 3 more full applications and so on.</li> <li>You will do this using the foot pedal for the tractor and the hand valve (spike) for the trailer, it is preferred you do each unit separately.</li> </ul>	<p>Once this has been done and all brakes are adjusted correctly, make 1 or 2 full brake applications every day when the brakes are cold.</p> <p><b>For example:</b></p> <ul style="list-style-type: none"> <li>Start your truck up in the morning.</li> <li>Build air pressure to maximum.</li> <li>Release park brake.</li> <li>Make 1 or 2 full brake applications with the foot pedal.</li> <li>For the trailer make 1 or 2 full brake applications with hand valve (spike).</li> </ul>	<p><b>Even for drivers that do steps 1 &amp; 2 daily, regulations still require drivers to physically check brake adjustment daily.</b></p> <ul style="list-style-type: none"> <li>You must get under the vehicle and physically check the free play at each chamber.</li> <li>Remember for both type 30 chambers, standard or long stroke, you are looking for approximately 3/8's of an inch free play, any more than that, repeat steps 1 &amp; 2 then, recheck the free play.</li> <li>If you have a chamber that is still not adjusted correctly, it <b>MUST</b> go to the shop.</li> </ul>