

■ Appendix 2 – Lists of Defects

List 1 – Heavy vehicle

This list applies to heavy vehicles other than a bus, minibus or motor coach. Any trailer towed by a bus, minibus or motor coach must be inspected in accordance with list 2.

Minor defects	Major defects
1. Coupling devices	
The defects provided for in points 1.B to 1.F apply when the vehicles are coupled.	
1.1 Fastener component(s) of the coupling device missing, broken or loose	1.A Coupling plate or kingpin bent to an extent that it makes coupling difficult, cracked or not securely fixed
1.2 Safety fasteners and coupling components missing, damaged or insecurely mounted	1.B Movement between the fifth wheel and the frame
	1.C More than 20% of the fasteners of the coupling mechanism damaged or missing
	1.D 25% or more of the locking pins are missing or not working
	1.E Coupling mechanism not properly closed or locked
	1.F Coupling mechanism component missing, insecurely fixed, not properly adjusted or so damaged that it might rupture or fall off
2. Frame and cargo body	
2.1 Side rails cracked or cross members cracked or broken	2.A Side rails might break
2.2 Fixed components of the body missing or insecurely mounted	2.B Side rails or cross members sagged in a way that makes a mobile part and the body touch
	2.C More than 25% of the locking pins of the sliding bogie missing or not engaged

Minor defects	Major defects
3. Heater and defroster	
3.1 Windshield blower not operating	
4. Driver controls	
4.1 Accelerator or clutch not operating properly	4.A Engine fails to return to idle when accelerator is released
4.2 Horn not operating properly	
5. Steering	
5.1 Misplacement of the steering column in relation to the normal position or adjustable steering wheel not remaining in set position	5.A Misplacement of the steering column or wheel in relation to the normal position showing a risk of separation
5.2 Fluid level of power steering not the one prescribed by the manufacturer	5.B Power steering inoperative
5.3 Pump belt cut	
6. Windshield wiper and washer	
6.1 Wiper on passenger's side missing or inadequate	6.A Wiper on driver's side missing or inadequate
6.2 Windshield washer system ineffective	
7. Emergency material	
7.1 First-aid kit required by law insecurely fixed and not readily accessible	
7.2 Chemical extinguisher required by law insecurely fixed, inadequate and not readily accessible	
8. Headlights and lights	
8.1 Low beam, parking light, turn-indicator light, brake light or license plate light that does not turn on	8.A Failure of all low-beams
	8.B At the rear of a single-unit vehicle or the last vehicle of a combination of vehicles: <ul style="list-style-type: none"> • None of the right turn-signal lights work • None of the left turn-signal lights work • None of the brake lights work • None of the parking lights work



Minor defects	Major defects
9. Tires	
9.1 Wear indicator for a tire touches the roadway or depth of a groove is equal to or less than the wear indicator	9.A For a tire mounted on the steering axle of a motor vehicle having a GVWR of 4,500 kg or more, the depth of 2 adjacent grooves is equal to or less than the wear indicator
9.2 A tire in the same wheel assembly having foreign material embedded in the tread or sidewall that could cause a puncture	9.B Single tire or the dual tires of the same wheel assembly having foreign material embedded in the tread or sidewall that could cause a puncture
9.3 A tire in the same wheel assembly so damaged that the cord or steel belt is exposed	9.C Single tire or the dual tires of the same wheel assembly so damaged that the cord or steel belt is exposed
9.4 Distorted tire, tread or sidewall separated from the carcass of the tire	9.D Tire in contact with a fixed part of the vehicle, a flat tire or a tire losing air or a bulge
9.5 Valve worn down, damaged, scraped or gashed	
10. Doors and other openings	
10.1 Driver's door opens with difficulty or fails to open	10.A Passenger compartment door fails to close securely
11. Glass and mirrors	
11.1 Windshield or side window on each side of the driver's compartment fails to provide the required view to the driver as a result of being damaged	
11.2 Outside rearview mirrors required by the Code missing, damaged or may not be adjusted and remain in set position	
11.3 Outside rearview mirror insecure or shows a sharp edge	
12. Wheels, hubs and fasteners	
12.1 Lubricant under the minimum level or lubricant leakage of wheel bearing other than oozing	12.A Wheel bearing lubricant missing or not visible through a sight glass
12.2 Support or mounting holding the spare wheel not securely fixed to hold it	12.B Wheel fastener is missing, cracked, broken or insecure
	12.C Wheel damaged or shows signs of repair with welds

Minor defects	Major defects
13. Seat	
13.1 Driver's seat inadequate or not staying in set position	13.A Driver's seat belt missing, modified or inadequate
14. Suspension	
14.1 Leaf spring other than a main spring leaf or broken coil spring	14.A Main spring leaf, rubber pad or 25% or more of the leaf springs in the assembly are broken or missing
14.2 Air leak in suspension, ball so damaged that the cord is exposed or repaired	14.B Air leak in the system not compensated by compressor or ball missing or deflated
	14.C Component for mounting the axle missing, insecure, cracked or broken
	14.D Composite spring leaf cracked over 75% of its length or has cracks
	14.E Leaf spring or coil spring moved and in contact with moving parts
	14.F Coil spring so broken that the vehicle is completely sagged or torsion bar cracked
	14.G Broken axle or component for positioning the axle or wheel missing, insecure, cracked, broken or damaged so as to affect the parallelism or cause an axle or wheel to move out of its position
15. Fuel system	
	15.A Tank poorly fixed and could break loose
	15.B Cap missing
	15.C Fuel leak other than oozing
16. Exhaust system	
16.1 Leak of exhaust gas elsewhere than where intended by the manufacturer	16.A Leak that causes exhaust gas to enter the passenger compartment where the floor is perforated
17. Electric brake system	
17.1 Cable or electric connection not securely attached to the fasteners or connection	17.A Important reduction in the braking capacity of the service brake



Minor defects	Major defects
18. Hydraulic brake system	
18.1 Fluid level in the reservoir of the master cylinder below minimum level required	18.A Fluid level in the reservoir of the master cylinder lower than one quarter of the maximum level specified by the manufacturer
18.2 Brake pedal reaches the floor	18.B Brake pedal reaches the floor within less than 10 seconds or pedal has to be depressed several times before getting pressure
18.3 Warning light on while the engine is running or not on where the ignition key is in the "on" or "start" position	18.C Brake boost or power assist is inoperative
18.4 Warning light not on when the parking brake is applied and released or not turned off when released	18.D Important reduction in the braking capacity of the service brake
18.5 Parking brake not operating properly	
19. Pneumatic brake system	
19.1 Low pressure warning buzzer not operating properly	19.A No low pressure visual or warning light or buzzer is operating properly
19.2 Low pressure visual and warning lights not operating properly	19.B Air compressor not operating properly
19.3 Pressure regulator not operating properly	19.C Air leak whose rate within one minute exceeds 40 kPa (6lb/in ²) for a single-unit vehicle, 48 kPa (7lb/in ²) for a two-unit vehicle and 62 kPa (9lb/in ²) for a three-unit vehicle
19.4 Audible air leak or whose rate within one minute exceeds 20 kPa (3lb/in ²) for a single-unit vehicle, 28 kPa (4lb/in ²) for a two-unit vehicle and 35 kPa (5lb/in ²) for a three-unit vehicle	19.D Important reduction in the braking capacity of the service brake
19.5 Parking or emergency brake not operating properly	
Specific inspections required by the operator	