(c) are positioned as far apart as practicable;

(d) emit a red light that is clearly visible from at least 200 metres to the rear; and

(e) are activated by brake application.

(2) A modified vintage vehicle shall have at least one brake lamp meeting the requirements of clauses (1)(a), (b) and (d).

4 Sep 87 cV-2.1 Reg 10 s34; 19 May 2017 SR 42/2017 s17.

Centre-mount stop lamp

34.1(1) The following vehicles must have a centre-mount stop lamp:

(a) a passenger car manufactured on or after January 1, 1987;

(b) every vehicle manufactured on or after January 10, 1997 that:

(i) has a GVWR of 4 536 kilograms or less; and

(ii) whose overall vehicle width is less than 2.05 metres.

(2) A centre-mount stop lamp must:

(a) be activated by the application of the brake pedal;

(b) emit a red light that is clearly visible from at least 200 metres to the rear;

(c) be visible from the rear of the vehicle; and

(d) be located on the rear vertical centre of the vehicle not less than 860 millimetres above the ground unless otherwise specified in CMVSS 108.

6 Jne 2014 SR 46/2014 s11; 19 May 2017 SR 42/2017 s18.

Signal lamps

35(1) The vehicle shall have turn signal lamps that are positioned:

(a) two facing the front and two facing the rear;

(b) as far apart as practicable; and

(c) between 350 millimetres and 2110 millimetres from the road surface.

(2) The signal lamps shall emit:

(a) a flashing amber light from the front facing lamps that is clearly visible from at least 200 metres to the front; and

(b) a flashing amber or red light from the rear facing lamps that is clearly visible from at least 200 metres to the rear.

(3) In the case of a modified vintage vehicle, a flashing white or amber light may be emitted from the front facing lamps.

(4) The signal lamps shall be activated by a signal lamp control that is within easy reach of the driver.

(5) Where the vehicle was manufactured after 1976, the signal lamps shall be self-cancelling.

(6) The signal lamps shall have an audible or visual indicator to inform the operator when the lamp is activated.

4 Sep 87 cV-2.1 Reg 10 s35; 19 May 2017 SR 42/2017 s19.

Hazard lamps and combined lamps

36(1) Where the vehicle was manufactured or assembled on or after January 1, 1970, it shall have four hazard warning lamps that are positioned:

(a) two facing to the front and two facing to the rear;

(b) as far apart as practicable; and

(c) between 350 millimetres and 2110 millimetres from the road surface.

(2) The hazard lamps shall flash on the left and right sides of the vehicle simultaneously and shall emit:

(a) a flashing amber light from the front lamps that is clearly visible from at least 200 metres to the front; and

(b) a flashing amber or red light from the rear lamps that is clearly visible from at least 200 metres to the rear.

(3) The hazard lamps shall:

(a) be independent of all other controls;

(b) be activated by a hazard lamp switch that is within easy reach of the driver; and

(c) have an audible or visual indicator to inform the operator when the lamp is activated.

(4) For the purposes of sections 34 and 35 and this section, a single lamp may serve as a brake lamp, a signal lamp and a hazard lamp.

4 Sep 87 cV-2.1 Reg 10 s36; 19 May 2017 SR 42/2017 s20.

Tail lamps

37(1) The vehicle shall have at least two tail lamps that:

(a) are located at the rear;

(b) are between 380 millimetres and 2110 millimetres above the road surface;

(c) are positioned as far apart as practicable;

(d) emit a red light that is clearly visible from at least 150 metres to the rear; and

(e) are activated by the headlamp control.

(2) A modified vintage vehicle shall have at least one tail lamp meeting the requirements of clauses (1)(a), (c) and (d).

4 Sep 87 cV-2.1 Reg 10 s37; 19 May 2017 SR 42/2017 s21.

Strobe lamp

37.1(1) On or after September 4, 2004, every type A-3 vehicle must be equipped with a strobe lamp that meets the requirements of the version of the CSA D250 in effect at the time the vehicle was manufactured.

(2) Subsection (1) does not apply to a multi-function school activity bus as defined in *The Vehicle Classification and Registration Regulations*.

19 May 2017 SR 42/2017 s22.

Licence plate lamp

38(1) The vehicle shall have a lamp that illuminates the rear licence plate.

(2) The licence plate lamp shall:

(a) emit a white light so that the licence plate is visible from a distance of 100 metres on a clear night; and

(b) be activated by the headlamp switch.

(3) Subsection (1) does not apply to a type A vehicle that is a power unit.

4 Sep 87 cV-2.1 Reg 10 s38.

Side-marker lamps

39(1) Subject to subsection (5), the vehicle shall have side-marker lamps located two on each side of the vehicle not less than 380 millimetres above the ground and as close to the corners as practicable.

(2) In addition to the lamps referred to in subsection (1), a vehicle over 10 metres long shall have side-marker lamps located one on each side close to the horizontal mid-point and not less than 380 millimetres above the ground.

(3) The side-marker lamps shall:

(a) be visible from the side;

(b) emit a red light from the rear-most lamps and an amber light from the foremost and, where fitted, mid-point lamps that are clearly visible from at least 150 metres; and

(c) be activated by the headlamp switch.

(4) Subsections (1) to (3) do not apply to type A-1 vehicles that were manufactured or assembled before January 1, 1972.

(5) Rear side-marker lamps are not required on power units.

4 Sep 87 cV-2.1 Reg 10 s39; 19 May 2017 SR 42/2017 s23.

Clearance lamps

40 A type A-2 vehicle shall have four clearance lamps that:

(a) are located two facing to the rear and, except in the case of power units, two facing to the front as far apart as practicable;

(b) emit a red light from the rear facing lamps that is clearly visible from at least 150 metres and emit an amber light from the front facing lamps that is clearly visible from at least 150 metres; and

(c) are activated by the headlamp control.

4 Sep 87 cV-2.1 Reg 10 s40; 19 May 2017 SR 42/2017 s24.

Combined lamps

41 For the purpose of section 39 and 40, a single lamp may serve as both a clearance lamp and a side-marker lamp if it can be seen both from the side and from either the front or rear.

4 Sep 87 cV-2.1 Reg 10 s41.

Identification lamps type A-2

42(1) A type A-2 vehicle shall, where practicable, have six identification lamps that:

(a) are located, three facing to the front, and three facing to the rear as high and as near to the horizontal mid-point of the vehicle as practicable; and

(b) emit a red light from the rear lamps and an amber light from the front lamps.

(2) The provisions of subsection (1) with respect to rear facing identification lamps do not apply to type A-2 vehicles that are power units.

4 Sep 87 cV-2.1 Reg 10 s42.

Backup lamp

43 Where the vehicle was manufactured or assembled after December 31, 1971, it shall have at least one backup lamp that:

(a) is located facing to the rear;

(b) illuminates a 1000 millimetres by 300 millimetres gray object, at a distance of 5 metres with a white light so that it is visible from the driver's seat on a clear night; and

(c) is activated when the transmission of the vehicle is engaged in reverse gear while the engine is running.

4 Sep 87 cV-2.1 Reg 10 s43.

Reflectors

44(1) The vehicle must have reflectors or reflective tapes that:

(a) are located:

(i) two facing the rear as far apart as is practicable and from 380 millimetres to 1530 millimetres above the surface of the road;

(ii) two on each side as far apart as is practicable and from 380 millimetres to 1530 millimetres above the surface of the road; and

(iii) one located near the horizontal mid-point on each side of the vehicle if the vehicle is over 10 metres in length;

(b) emit an amber reflection from the front-most and, if fitted, centre reflectors and a red reflection from the rearmost reflectors; and

(c) are visible on a clear night when illuminated by a type A vehicle headlamp at a distance of 60 metres.

(2) For the purposes of subsection (1), lamps with reflective lenses may serve as reflectors.

6 Jne 2014 SR 46/2014 s12; 19 May 2017 SR 42/2017 s25.

Type A-2 Retro-reflective

44.1 Every type A-2 vehicle that is a power unit must be equipped with conspicuity treatment in accordance with the requirements of the version of the CMVSS 108 in effect at the time the vehicle was manufactured.

19 May 2017 SR 42/2017 s26.

Electrical wiring

45 The electrical wiring of the vehicle shall:

(a) be installed in accordance with good engineering practice;

(b) conform to SAE Standards J1292;

(c) not be broken or badly frayed; and

(d) be of a gauge equal to or heavier than that prescribed in Table 2 of the Appendix or that installed by the original manufacturer, whichever is less.

4 Sep 87 cV-2.1 Reg 10 s45.

Starter cable

46 The starter cable of the vehicle shall be:

(a) of a gauge equal to or heavier than that specified by the vehicle manufacturer; or

(b) where a gauge is not specified by the vehicle manufacturer, of 0 gauge.

4 Sep 87 cV-2.1 Reg 10 s46.

Battery

47 The battery of the vehicle shall be:

(a) securely mounted and free from leaks due to damage; and

(b) if the battery is located in an enclosed area and is not a sealed battery, vented.

4 Sep 87 cV-2.1 Reg 10 s47; 19 May 2017 SR 42/2017 s27.

Frame

47.1 The frame of a vehicle must not be visibly cracked or weakened by corrosion or have loose or missing connecting fasteners that may degrade the safety of the vehicle or jeopardize its handling characteristics.

19 May 2017 SR 42/2017 s28.

Underbody

47.2 The underbody of a vehicle must not be visibly perforated by rust or otherwise damaged or have an opening other than those intended by the manufacturer of the vehicle.

19 May 2017 SR 42/2017 s28.

Frame of modified vintage vehicles

48 Where the vehicle is a modified vintage vehicle and the frame of the vehicle has been modified or specially fabricated, the frame of the vehicle shall support the vehicle, its load and the torque from the power source, under all operating conditions without distortion.

4 Sep 87 cV-2.1 Reg 10 s48.

Chassis fasteners of modified vintage vehicles

49 Every modified vintage vehicle shall have chassis fasteners that incorporate self-locking nuts, lock washers, cotter pins or safety wires.

4 Sep 87 cV-2.1 Reg 10 s49.

Bumpers

50(1) Every passenger car shall be equipped with front and rear bumpers and every other type A vehicle with a GVWR of 4500 kilograms or less shall be equipped with front bumpers that:

(a) are securely mounted to the frame or chassis;

(b) have a vertical surface of at least 100 millimetres; and

(c) extend at least to the width of the original manufacturer's track width.

(2) On cars, the centre part of the bumper shall be between 380 and 560 millimetres above the ground when the vehicle is unloaded on level ground and tires are inflated within the range specified by the tire manufacturer.

(3) On type A vehicles with GVWR of 4500 kilograms or less, other than cars, the height of the lowest part of the bumper shall be not more than 750 millimetres above the road surface.

4 Sep 87 cV-2.1 Reg 10 s50.

Sharp edges

51 No type A vehicle, including any attached aerodynamic device, shall have rigid sharp edges of sheet metal, bumpers, fenders, molding or any other parts, except mirrors and lamps, that protrude more than 100 millimetres beyond the side of the vehicle when measured at its widest point.

4 Sep 87 cV-2.1 Reg 10 s51; 19 May 2017 SR 42/2017 s29.

Fenders or mudflaps

52(1) Subject to subsections (2) and (3), the vehicle shall have, for each tire, a fender, mudflap or body overhang that:

(a) reduces the rearward projection of gravel, mud, water and snow from the tire;

(b) is located so that the lowest point of the fender, mudflap or body overhang is above the ground a distance that is not greater than one-third of the horizontal distance from that point to the centre of the wheel; and

(c) extends across the full width of the tire.

(2) The requirements of subsection (1) apply to wheels on steering axles only when the wheels are in the straight ahead position.

(3) Subsection (1) does not apply to a modified vintage vehicle when the vehicle is being operated on a dry, paved surface.

4 Sep 87 cV-2.1 Reg 10 s52; 6 Jne 2014 SR 46/2014 s.13.

Floor

53 The vehicle shall have a floor in the passenger compartment and trunk that is in sound condition and that prevents the entrance of exhaust fumes into the passenger compartment.

4 Sep 87 cV-2.1 Reg 10 s53.

Exits

54(1) The vehicle shall have at least two passenger compartment exits, located one on each side of the vehicle.

(2) One passenger exit may be a window with an opening of not less than 400 millimetres by 400 millimetres.

(3) A type A vehicle that is a bus must comply with the requirements of CMVSS 217 in effect at the time the vehicle was manufactured.

(4) A required exit on a bus must be operable and unobstructed at all times.

4 Sep 87 cV-2.1 Reg 10 s54; 19 May 2017 SR 42/2017 s30.

Door latch

55(1) The vehicle shall have a door latch on each door that, unless otherwise designed by the original vehicle manufacturer, provides a primary and secondary latch position.

(2) The locking mechanism of the latch shall unlock by hand from inside the vehicle and, when engaged, shall prevent the door from being opened from the outside of the vehicle except with a key or by means of a combination.

(3) Subsection (2) does not apply to a vehicle used by a police force or a vehicle that does not have a fully enclosed passenger compartment.

4 Sep 87 cV-2.1 Reg 10 s55.

Hood latch

56 If the vehicle is fitted with a front engine hood that is hinged at the rear, the vehicle shall have primary and secondary safety hood latches.

4 Sep 87 cV-2.1 Reg 10 s56.

Driver's seat

57(1) The vehicle shall have a seat for the driver that:

(a) is designed and constructed in accordance with SAE Standard J879;

(b) is securely anchored; and

(c) provides the seated driver with a clear view of the road and reasonable access to all driving controls while the seat-belt is correctly worn.

(2) If the seat for the driver is adjustable, the adjustment mechanism shall secure the seat in all adjustment positions.

4 Sep 87 cV-2.1 Reg 10 s57.

Special seats

58(1) Rotating seats and seats that are designed to provide substantial free vertical movement, when installed in a vehicle manufactured or assembled after December 31, 1970, shall have:

(a) seat-belt anchorage points that comply with CMVSS attached to the part of the seat that rotates or moves vertically; and

(b) a base or pedestal that withstands, with no permanent distortion, a force of 2200 kilograms applied horizontally in either a forward or rearward direction at the seat-belt anchorage points.

(3) Seats other than those described in section 57 and this section shall be securely anchored and, if adjustable, capable of being secured in each adjustment position.

4 Sep 87 cV-2.1 Reg 10 s58.

59 Repealed. 6 Jne 2014 SR 46/2014 s14.

Seat-belts

60(1) Where the vehicle was manufactured or assembled after December 31, 1970, or where the vehicle has no doors or roof, it shall have seat-belt anchorage assemblies that meet the specifications of CMVSS 207, CMVSS 208 or CMVSS 209.

(2) Each seat-belt assembly shall be readily accessible and maintained in operable condition for each seating position designed by the manufacturer as a normal seating position.

(3) The seat-belt assembly shall:

(a) have a buckle that is accessible to the occupant;

(b) have webbing that is not substantially frayed, split or torn and that has no broken or missing stitching; and

(c) be securely anchored to a suitably re-enforced point on the structure of the vehicle or, in the case of rotating seats and seats with substantial free movement, be anchored to the seat.

(4) If the seat-belt assembly was manufactured after December 31, 1976, the buckle shall release with a single action.

4 Sep 87 cV-2.1 Reg 10 s60.

Supplemental restraints

60.1 If a vehicle is equipped with a supplemental occupant restraint system installed by the manufacturer of the vehicle, the supplemental occupant restraint system must be maintained in accordance with the manufacturer's specifications.

6 Jne 2014 SR 46/2014 s15.

Required seat-belts and warning system

61(1) Every type A-1 vehicle other than:

(a) a convertible vehicle;

(b) a truck; or

(c) a multipurpose passenger vehicle;

shall have:

(d) where the vehicle was manufactured on or after January 1, 1971 but before January 1, 1974:

(i) a lap seat-belt plus shoulder belt or lap-shoulder seat-belt assembly at each front outboard seat; and

(ii) a lap belt, a lap belt plus shoulder belt or a lap-shoulder seat-belt assembly at each seat designed by the manufacturer as a normal seating position; and

(e) where the vehicle was manufactured on or after January 1, 1974:

(i) a lap-shoulder seat-belt assembly at each front outboard seat designed by the manufacturer as a normal seating position; and

(ii) a lap seat-belt or a lap-shoulder seat-belt at each seat designed by the manufacturer as a normal seating position.

(f) if the vehicle was manufactured on or after January 13, 1993:

(i) a lap-shoulder seat-belt assembly at each front and rear outboard seat; and

(ii) a lap seat-belt assembly at each seat other than the ones mentioned in subclause (i) designed by the vehicle manufacturer as a normal seating position;

(g) if the vehicle was manufactured on or after September 1, 2015:

(i) a lap-shoulder seat-belt assembly at each front and rear outboard designated seating position and at each rear inboard designated seating position;

(ii) a lap seat-belt assembly at each seat other than the ones mentioned in subclause (i) designed by the vehicle manufacturer as a normal seating position.

(2) Every type A-1 vehicle that is:

(a) a truck with a GVWR of less than 4536 kilograms; or

(b) a multipurpose passenger vehicle with a GVWR of less than 4536 kilograms;

shall have:

(c) where the vehicle was manufactured on or after January 1, 1972 but before April 1, 1976 a lap seat-belt assembly at each seat designed by the manufacturer as a normal seating position;

(d) where the vehicle was manufactured on or after April 1, 1976:

(i) a lap-shoulder seat-belt assembly at each front outboard seat; and

(ii) a lap seat-belt assembly at each seat other than one mentioned in clause (i) designed by the manufacturer as a normal seating position.

(e) if the vehicle was manufactured on or after January 13, 1993:

(i) a lap-shoulder seat-belt assembly at each front and rear outboard seat; and

(ii) a lap seat-belt assembly at each seat other than the ones mentioned in subclause (i) designed by the vehicle manufacturer as a normal seating position.

(3) Every type A-1 vehicle that is a convertible must have:

(a) if the vehicle was manufactured on or after January 1, 1971, a lap seat-belt at each seat designed by the vehicle manufacturer as a normal seating position; and

(b) if the vehicle was manufactured on or after January 13, 1993:

(i) a lap-shoulder seat-belt assembly at each front and rear outboard seat; and

(ii) a lap seat-belt assembly at each seat other than the ones mentioned in subclause (i) designed by the vehicle manufacturer as a normal seating position.

(4) Every type A-1 vehicle with a GVWR greater than 4 536 kilograms and every type A-2 vehicle manufactured on or after July 1, 1972, other than a bus, must have a lap seat-belt assembly at each seat designed by the vehicle manufacturer as a normal seating position.

(5) Every type A-2 vehicle manufactured on or after July 1, 1972 that is a bus shall have a lap seat belt assembly at the driver's seat.

(6) Where a vehicle is required by this section to be equipped with a lap seat-belt assembly, the vehicle may be equipped with a lap plus shoulder seat-belt assembly or lap-shoulder seat-belt assembly.

(7) A vehicle to which this Part applies that was manufactured on or after January 1, 1976, shall be equipped with a warning system to warn the driver to use the seat-belt assembly that consists of an audible signal and a visible warning light that come on and remain on for a period of not less than four seconds when:

(a) the ignition switch is moved to the "on" position;

(b) the ignition switch is moved to the "start" position; or

(c) the vehicle's engine is operating and the transmission gear selector is in the forward position.

4 Sep 87 cV-2.1 Reg 10 s61; 6 Jne 2014 SR 46/2014 s16.

62 Repealed. 19 Mar 93 SR 20/93 s5.

63 Repealed. 19 Mar 93 SR 20/93 s6.

Child or infant restraint system

63.1(1) In this section:

(a) **"booster seat"** means a removable device designed to be used in a vehicle for seating a person whose mass is at least 18 kilograms, to ensure that the seat-belt assembly fits properly;

(b) **"child"** means a person who weighs more than nine kilograms but less than 30 kilograms;

(c) **"infant"** means a person who weighs less than 16 kilograms;

(d) **"lower universal anchorage system"** means a device, other than a vehicle seat belt, that is designed to secure the lower portion of a restraint system or booster seat to a vehicle, and that transfers the load from the restraint system or booster seat and its occupant to the vehicle structure or a vehicle seat structure;

(e) **"restraint system"** means a removable device designed to be used together with the seat of a vehicle in order to restrain an infant or child, but does not include a booster seat, lap-belt, shoulder-belt plus lap-belt or lap-shoulder seat-belt assembly.

(2) Any child or infant restraint system that is occupied by a passenger must:

(a) in the case of an infant restraint system, conform to and be maintained in accordance with the applicable standards set out in Part 3, CMVSS 213.1;

(b) in the case of a child restraint system, conform to and be maintained in accordance with the applicable standards set out in Part 2, CMVSS 213;

(c) face the direction stated by the manufacturer and be positioned and secured in the vehicle in accordance with the manufacturer's instructions; and

(d) bear a national safety mark and a manufacturer label affixed to the restraint system stating:

(i) that it meets CMVSS 213 or CMVSS 213.1 at the time of manufacture;

(ii) the weight and height of the child or infant for which it is designed;

(iii) how it is to be installed;

(iv) which direction it is to face when placed or installed on the seat of the vehicle; and

(v) the name and principal place of business of the person by whom or for whom the infant or child restraint system is manufactured.

(3) Any booster seat that is occupied by a passenger must:

(a) conform to and be maintained in accordance with the applicable standards set out in Part 4, CMVSS 213.2;

(b) be positioned and secured in the vehicle in accordance with the manufacturer's instructions; and

(c) bear a national safety mark and a manufacturer label affixed to the booster seat stating:

(i) that it meets CMVSS 213.2 at the time of manufacture;

(ii) the weight and height of the child for which it is designed;

(iii) how it is to be installed; and

(iv) the name and principal place of business of the person by whom or for whom the booster seat is manufactured.

(4) Any child or infant restraint system occupied by a passenger in a vehicle manufactured after September 1, 2004 must be anchored using:

(a) a combination of a CMVSS 209 compliant seat-belt assembly and a tether assembly attached to a CMVSS 210.1 compliant tether anchorage assembly; or

(b) a CMVSS 210.2 compliant lower universal anchorage system and a tether assembly attached to a CMVSS 210.1 compliant tether anchorage assembly.

(5) Any booster seat occupied by a passenger in a vehicle manufactured after September 1, 2014 must be secured using:

(a) a CMVSS 209 compliant seat belt; or

(b) a CMVSS 210.2 compliant lower universal anchorage system.

(6) A child or infant restraint system or booster seat may not be placed in a three-wheeled vehicle unless that vehicle complies with the static and dynamic crash testing requirements set out in CMVSS 208.

6 Jne 2014 SR 46/2014 s17; 17 Jne 2016 SR 41/2016 s6.

Windshield and side windows

64(1) The vehicle shall have a windshield that is of laminated safety glass conforming to ANSI Z26.1, type AS-1 or AS-10 and is so marked.

(2) The windshield shall be in a generally vertical position.

(3) The windshield shall:

(a) be large enough to provide the driver with a clear view of the road;

(b) be free of decals and damage greater than 13 millimetres in diameter in the area swept by the windshield wipers; and

(c) not have coatings of sunscreen or reflective material other than that applied by the glass manufacturer.

(4) The windshield must not have any crack that goes through both layers of glass or that extends more than 50 millimetres into the area swept by the windshield wipers.

(5) The windshield shall not have more than 10% of the total area discoloured or damaged.

4 Sep 87 cV-2.1 Reg 10 s64; 19 May 2017 SR 42/2017 s31.

Prohibition re sale of certain windshields

65 No person shall sell or offer for sale a windshield for a type A vehicle that is not laminated safety glass conforming to the requirements of ANSI type AS-1 or AS-10 and marked accordingly.

4 Sep 87 cV-2.1 Reg 10 s65.

Side windows

66(1) The vehicle shall have at least two side windows or openings that are located on either side of the driver so that the driver has a clear view to the sides.

(2) If the side openings are fitted with glass, the glass shall conform to ANSI type AS-1, AS-2, AS-10 or AS-11.

(3) The glass shall not have coatings of sunscreen or reflective material other than that applied by the glass manufacturer.

(4) Glass installed in passenger compartment windows, other than those described in subsection (1), shall conform to ANSI AS 1 to AS 12 or be DOT approved and be safety glass.

4 Sep 87 cV-2.1 Reg 10 s66.

Mirrors

67(1) A vehicle other than a modified vintage vehicle, shall have at least two rear-view mirrors.

(2) The mirrors shall:

(a) be located one on the left side and one either on the right side or in the interior;

(b) provide the driver with a clear view to the rear;

(c) be securely mounted; and

(d) be adjustable;

(3) An interior mirror, and a left hand exterior mirror on a type A-1 vehicle, shall have at least 6000 millimetres^2 of effective area or the area of mirror installed by the manufacturer, whichever is less.

(4) A right hand exterior mirror on a vehicle other than a type A-2 vehicle shall have at least 10000 millimetres^2 of effective area where it is a mirror other than one installed by the manufacturer.

(5) An exterior mirror on a type A-2 vehicle shall have at least 20000 millimetres^2 of effective area.

(6) A modified vintage vehicle shall have at least one mirror that provides the driver with a clear view to the rear.

4 Sep 87 cV-2.1 Reg 10 s67.

Windshield wiper

68(1) Subject to subsection (2), the vehicle shall have at least one powered windshield wiper that:

(a) sweeps at least 70% of the total area of the windshield or that area specified by the original manufacturer of the vehicle, whichever is less;

(b) has a sweep rate of at least 30 cycles per minute; and

(c) conforms to SAE standard S903C.

(2) The windshield wiper shall be maintained so that the blade effectively clears the windshield of moisture.

(3) Subsection (1) does not apply to a modified vintage vehicle on which a powered windshield wiper was not installed by the original manufacturer when the vehicle is not operated in the rain.

4 Sep 87 cV-2.1 Reg 10 s68.

Defroster or frost shields

69(1) Subject to subsection (2), the vehicle shall have frost shields or a defrosting or defogging device that:

(a) maintains at least 90% of the windshield area swept by the windshield wipers free of fog or frost; and

(b) maintains the windows on either side of the driver free of fog or frost so that the driver has a clear view to the sides and of the exterior rear-view mirror.

(2) Subsection (1) does not apply to a modified vintage vehicle when it is being operated at any temperature above 0° Celius.

4 Sep 87 cV-2.1 Reg 10 s69.

Sun shield

70(1) The vehicle shall have at least one adjustable sun shield with effective dimensions of at least 100 millimetres by 250 millimetres for the driver.

(2) Any exterior sun shield that extends more than 150 millimetres below the upper edge of the windshield must not overlap any portion of the windshield swept by the OEM wiper arm and wiper blade.

(3) Subsection (1) does not apply to a modified vintage vehicle or three-wheeled vehicle on which a sun shield was not installed by the original manufacturer.

(4) A three-wheeled vehicle not equipped with a windshield is exempt from subsection (1) if the operator and passengers comply with section 6.1.

19 May 2017 SR 42/2017 s32.

Tires

71(1) The vehicle shall have tires that complied with CMVTSS at the time of manufacture.

(2) The tires shall be inflated to a pressure within the range specified by the original equipment manufacturer and the tire manufacturer for the load being carried and must be free from any noticeable leaks.

(3) The tires shall:

(a) be free of cuts or cracks in the side wall are that are greater than 25.60 millimetres in length extending to the cord;

(b) have no visible bulges indicating structural failure; and

(c) have no exposed ply material.

(4) The tires on the steering axle of a type A-2 vehicle shall not be retreaded tires, unless the tires on that axle are of a type that cannot be transferred to another axle of the vehicle.

(5) Except in the case of a tire specifically designed and used as a spare, tires of the same dimensions and construction shall be installed on opposite ends of the same axle.

(6) Tires shall have a tread depth, when measured at each of two adjacent grooves located at any three points equally spaced around the circumference of the tire, of at least:

(a) 1.60 millimetres on all tires of a type A-1 vehicle;

(b) 2.0 millimetres on the front tires of a type A-2 vehicle; and

(c) 1 millimetre on the rear tires of a type A-2 vehicle.

(7) A four-wheel vehicle that has bias ply tires on the rear axle shall also have bias ply tires on front wheels.

(8) The sidewall of the tire shall be permanently marked with the size, maximum inflation pressure, maximum load rating and, in the case of a radial tire, the construction type.

(9) Dual tires shall have diameters that are matched within 13 millimetres.

(10) Notwithstanding subsection (4), the administrator may approve the use of retreaded tires on a steering axle.

(11) Subsection (5) and (7) do not apply to a tire that is specifically designed and used as a spare.

4 Sep 87 cV-2.1 Reg 10 s71; 19 May 2017 SR 42/2017 s33.

Wheels

72 The wheels of the vehicle shall not:

(a) be cracked, excessively bent or repaired by welding unless the weld is done in a manner and in accordance with standards approved by the administrator.

(b) have loose or missing wheel studs or nuts; and

(c) have stud holes that are elongated.

4 Sep 87 cV-2.1 Reg 10 s72; 8 Nov 96 SR 86/96 s2.

Trailer hitch

73(1) Where the vehicle is fitted with a trailer hitch, the trailer hitch shall have rated capacity equal to or greater than the GVW of any vehicle or vehicles being towed.

(2) The trailer hitch shall be:

(a) securely mounted directly to a structural member of the motor vehicle; and

(b) constructed so that it does not interfere with the universal action of the coupling device.

(3) The trailer hitch shall cause the towed vehicle to track, on level ground, without deviating from a straight line by more than 300 millimetres.

(4) When not in use, the trailer hitch shall not extend beyond the bumper of the vehicle more than 225 millimetres.

(5) If the trailer hitch is a ball type hitch, it shall have a ball diameter and shank that respectively are not less than:

(a) 47 millimetres and 25.60 millimetres when the vehicle is towing a trailer with a GVW of not more than 900 kilograms;

(b) 51.20 millimetres and 25.60 millimetres when the vehicle is towing a trailer with a GVW of more than 900 kilograms and not more than 2270 kilograms;

(c) 58 millimetres and 34 millimetres when the vehicle is towing a trailer with a GVW of more than 2270 kilograms and not more than 4540 kilograms.

(6) When the trailer hitch is on a car, it shall be of a load distributing design where the trailer has a GVW in excess of 1600 kilograms.

4 Sep 87 cV-2.1 Reg 10 s73; 19 May 2017 SR 42/2017 s34.

Gooseneck hitch

74 Where the vehicle is a type A-1 vehicle towing a trailer with a gooseneck hitch, the hitch coupler shall be located over or forward of the rear axle of the vehicle.

4 Sep 87 cV-2.1 Reg 10 s74.

Fifth wheel hitch

75 Where the vehicle is fitted with a fifth wheel, the fifth wheel shall have:

(a) a plate that is securely mounted;

(b) a locking device that prevents separation of the fifth wheel and the semi-trailer king pin; and

(c) lubrication between the fifth wheel and the upper fifth plate of the semi-trailer.

4 Sep 87 cV-2.1 Reg 10 s75.

PART IV
Type A-3 Vehicles

Application of Part

76(1) The requirements of this Part apply only to type A-3 vehicles.

(2) Every type A-3 vehicle driven on a highway shall be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a type A-3 vehicle that does not comply with this Part.

4 Sep 87 cV-2.1 Reg 10 s76.

CMVSS standards apply

77 Every school bus shall comply with the appropriate CMVSS for a bus, chassis cab or van, and bear a label of compliance.

4 Sep 87 cV-2.1 Reg 10 s77.

CSA standards apply

78(1) Every vehicle that is registered as a school bus must be equipped and maintained in accordance with the requirements of the edition of CSA D250 in effect at the time the vehicle was manufactured.

(2) Notwithstanding subsection (1), if the requirements of the applicable edition of CSA D250 are different from any of the requirements of this Part, the requirements of this Part prevail.

6 Jne 2014 SR 46/2014 s18.

79 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

80 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

81 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

82 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

83 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

84 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

85 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

86 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

87 **Repealed.** 6 Jne 2014 SR 46/2014 s19.

First aid kit

88(1) The vehicle shall have an emergency first aid kit that is:

(a) easily accessible to the driver;

(b) clearly visible to the passengers or in a location indicated by a sign that is clearly visible to the passengers; and

(c) in a sealed package.

(2) The emergency first aid kit must be the first aid kit:

(a) distributed by Safeco and called "Laerdal: The Car Behind" or its equivalent; or

(b) prescribed in CSA D250 at the time the vehicle was manufactured or the more recent edition of this standard.

4 Sep 87 cV-2.1 Reg 10 s88; 6 Jne 2014 SR 46/2014 s20.

Flares

89 The vehicle shall have three flares in suitable containers.

4 Sep 87 cV-2.1 Reg 10 s89.

Warning system

90(1) A type A-3 vehicle must be equipped with an advance warning system that complies with the requirements of CSA 250 in effect at the time the vehicle was manufactured.

(2) A type A-3 vehicle manufactured on or after November 1, 2016 must be equipped with a warning lamp system consisting of four amber lamps and four red lamps.

(3) A type A-3 vehicle manufactured before November 1, 2016 may be equipped with an all-red warning lamp system.

17 Jne 2016 SR 41/2016 s8.

Stop arm

91 The vehicle must be equipped and maintained with a stop arm that meets the CMVSS 131 requirements in effect at the time the vehicle was manufactured.

6 Jne 2014 SR 46/2014 s22.

Pedestrian-student gate

91.1 If the vehicle was manufactured on or after May 1, 2007, it must be equipped with a pedestrian-student safety crossing gate that meets the requirements of CSA D250 in effect at the time the vehicle was manufactured.

6 Jne 2014 SR 46/2014 s22.

Paint

92 The vehicle chassis and body must be painted in accordance with the requirements of CSA D250 in effect at the time the vehicle was manufactured

6 Jne 2014 SR 46/2014 s23.

Identification and messages

93(1) The vehicle must have identification lettering that consists of the words "SCHOOL BUS" on the front and rear of the vehicle and that meets the requirements of CSA D250 in effect at the time the vehicle was manufactured.

(2) The vehicle must bear the message "DO NOT PASS WHEN RED LIGHTS FLASHING" on the rear of the vehicle on a contrasting white background, painted in accordance with the requirements of CSA D250 in effect at the time the vehicle was manufactured.

6 Jne 2014 SR 46/2014 s24.

Emergency door to be marked

94 The emergency door shall be indicated by the words "EMERGENCY DOOR" on the upper part of the door, on both the inside and the outside, in black letters at least 51.20 millimetres high.

4 Sep 87 cV-2.1 Reg 10 s94.

Warning message re stops

95(1) The vehicle shall display the message "THIS SCHOOL BUS STOPS AT ALL UNCONTROLLED RAILWAY CROSSINGS" on a reflective decal as described by Canadian General Standard Board Standard 62-GP level 2 for marking material.

(2) The message shall be located on the rear of the vehicle, above the bumper, as low as practicable.

(3) The message shall be:

(a) in red retroreflective letters that are at least 51.20 in height; and

(b) on a yellow retroreflective background 450 millimetres wide and 200 millimetres high.

4 Sep 87 cV-2.1 Reg 10 s95; 30 Oct 98 SR 81/98 s2.

96 Repealed. 6 Jne 2014 SR 46/2014 s25.

Tools to be secure

97 The vehicle shall have a container or attachment device that secures all tools and equipment carried on the vehicle.

4 Sep 87 cV-2.1 Reg 10 s97.

98 Repealed. 6 Jne 2014 SR 46/2014 s26.

99 Repealed. 6 Jne 2014 SR 46/2014 s26.

100 Repealed. 6 Jne 2014 SR 46/2014 s26.

101 Repealed. 6 Jne 2014 SR 46/2014 s26.

102 Repealed. 6 Jne 2014 SR 46/2014 s26.

103 Repealed. 6 Jne 2014 SR 46/2014 s26.

104 Repealed. 6 Jne 2014 SR 46/2014 s26.

105 Repealed. 6 Jne 2014 SR 46/2014 s26.

106 Repealed. 6 Jne 2014 SR 46/2014 s26.

107 Repealed. 6 Jne 2014 SR 46/2014 s26.

108 Repealed. 6 Jne 2014 SR 46/2014 s26.

109 Repealed. 6 Jne 2014 SR 46/2014 s26.

110 Repealed. 6 Jne 2014 SR 46/2014 s26.

111 Repealed. 6 Jne 2014 SR 46/2014 s26.

112 Repealed. 6 Jne 2014 SR 46/2014 s26.

113 Repealed. 6 Jne 2014 SR 46/2014 s26.

114 Repealed. 6 Jne 2014 SR 46/2014 s26.

115 Repealed. 6 Jne 2014 SR 46/2014 s26.

116 Repealed. 6 Jne 2014 SR 46/2014 s26.

117 Repealed. 6 Jne 2014 SR 46/2014 s26.

118 Repealed. 6 Jne 2014 SR 46/2014 s26.

119 Repealed. 6 Jne 2014 SR 46/2014 s26.

120 Repealed. 6 Jne 2014 SR 46/2014 s26.

121 Repealed. 6 Jne 2014 SR 46/2014 s26.

122 Repealed. 6 Jne 2014 SR 46/2014 s26.

123 Repealed. 6 Jne 2014 SR 46/2014 s26.

124 Repealed. 6 Jne 2014 SR 46/2014 s26.

125 Repealed. 6 Jne 2014 SR 46/2014 s26.

Seat belt anchorages

126 If the seats are fitted with seat belts, the seats shall have anchorage points that are of a design that has been approved by the administrator.

4 Sep 87 cV-2.1 Reg 10 s126.

127 Repealed. 6 Jne 2014 SR 46/2014 s27.

128 Repealed. 6 Jne 2014 SR 46/2014 s27.

129 Repealed. 6 Jne 2014 SR 46/2014 s27.

130 Repealed. 6 Jne 2014 SR 46/2014 s27.

131 Repealed. 6 Jne 2014 SR 46/2014 s27.

132 Repealed. 6 Jne 2014 SR 46/2014 s27.

133 Repealed. 6 Jne 2014 SR 46/2014 s27.

134 Repealed. 6 Jne 2014 SR 46/2014 s27.

135 Repealed. 6 Jne 2014 SR 46/2014 s27.

136 Repealed. 6 Jne 2014 SR 46/2014 s27.

137 Repealed. 6 Jne 2014 SR 46/2014 s27.

138 Repealed. 6 Jne 2014 SR 46/2014 s27.

139 Repealed. 6 Jne 2014 SR 46/2014 s27.

Fire extinguisher

140 The vehicle must be equipped with a fire extinguisher of a type approved by CSA, UL, FM or ULC and labelled accordingly and rated:

(a) on vehicles manufactured before January 1, 2000, 2A10BC; and

(b) on vehicles manufactured on or after January 1, 2000, 3A40BC.

6 Jne 2014 SR 46/2014 s28.

141 Repealed. 6 Jne 2014 SR 46/2014 s29.

142 Repealed. 6 Jne 2014 SR 46/2014 s29.

143 Repealed. 6 Jne 2014 SR 46/2014 s29.

144 Repealed. 6 Jne 2014 SR 46/2014 s29.

Tire tread depth

145 The tires of the vehicle shall have a tread depth of not less than:

(a) 3.20 millimetres on the front tires; and

(b) 1.60 millimetres on the rear tires.

4 Sep 87 cV-2.1 Reg 10 s145.

PART V
Type V Vehicles

Application of Part

146(1) The requirements of this Part apply only to type V vehicles.

(2) Every type V vehicle driven on a highway shall be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a type V vehicle that does not comply with this Part.

4 Sep 87 cV-2.1 Reg 10 s146.

Throttle return

147(1) Subject to subsection (2), the vehicle shall have a throttle return device that returns the throttle to the idle position on release of the driver control.

(2) This section applies only where a throttle return device is fitted on the vehicle by the manufacturer.

4 Sep 87 cV-2.1 Reg 10 s147.

Fuel system

148 The fuel lines, fuel filler pipes and permanently mounted fuel tanks of the vehicle shall be secure and free from leaks.

4 Sep 87 cV-2.1 Reg 10 s148.

Exhaust system

149 Where the vehicle is powered by an internal combustion engine, it shall have an exhaust system that:

(a) discharges exhaust away from the passenger compartment;

(b) does not pass through the passenger compartment;

(c) is free from leaks; and

(d) does not expose any fuel, electrical or brake lines or any combustible material to excessive heat.

4 Sep 87 cV-2.1 Reg 10 s149.

Suspension system

150 The suspension system of the vehicle shall:

(a) prevent contact between the wheels and chassis; and

(b) permit vertical movement of the chassis in relation to the wheel assembly.

4 Sep 87 cV-2.1 Reg 10 s150.

Brake system

151 The brake system of the vehicle shall stop the vehicle on a dry, smooth and level paved road within a distance of 16 metres from a speed of 30 kilometres per hour.

4 Sep 87 cV-2.1 Reg 10 s151.

Steering system

152(1) The steering box and steering column shall not:

(a) be loose; or

(b) have loose or missing fasteners.

(2) The front wheels shall turn from extreme left to extreme right without contacting any non-rotating component.

4 Sep 87 cV-2.1 Reg 10 s152.

Horn

153 The vehicle shall have a horn or other device that is within easy reach of the operator and that emits a sound audible, under normal conditions, from a distance of at least 40 metres.

4 Sep 87 cV-2.1 Reg 10 s153.

Vehicle identification number

154 The vehicle shall have a vehicle identification number that is sunk into or embossed on a part of the vehicle that is not designed to be removed.

4 Sep 87 cV-2.1 Reg 10 s154.

Headlamps

155 The vehicle shall have at least two headlamps that emit a white light and illuminate a 1000 millimetres by 300 millimetres gray object from a distance of 20 metres.

4 Sep 87 cV-2.1 Reg 10 s155.

Tail lamps

156 The vehicle shall have at least one tail lamp that is located at the rear, emits a red light and is visible from a distance of 200 metres on a clear night.

4 Sep 87 cV-2.1 Reg 10 s156.

Brake lamps

157(1) The vehicle shall have at least one brake lamp that is located at the rear and emits a red light visible from a distance of 60 metres on a clear night.

(2) The brake lamp shall be activated by the application of the brakes.

4 Sep 87 cV-2.1 Reg 10 s157.

Exception re lamps

158 Sections 155 to 157 do not apply to type V vehicles that were not equipped with the lamps mentioned in those sections by the manufacturer when the vehicle is not operated on a highway between one-half hour before sunset and one-half hour after sunrise.

4 Sep 87 cV-2.1 Reg 10 s158; 19 May 2017 SR 42/2017 s35.

Reflectors

159 The vehicle shall have at least two red reflectors or reflective tapes that are located at the rear and are visible from a distance of 60 metres when illuminated by type A vehicle headlamps on a clear night.

4 Sep 87 cV-2.1 Reg 10 s159.

Seats

160(1) The vehicle shall have a driver's seat that is securely anchored and affords the seated operator a clear view of the road and access to all driving controls.

(2) All seats for passengers shall be securely anchored unless otherwise installed by the manufacturer.

4 Sep 87 cV-2.1 Reg 10 s160.

Windshield

161 Where the vehicle was equipped with a windshield by the manufacturer, the windshield shall be of safety glass or other material approved by the administrator, and afford the driver a clear view of the road.

4 Sep 87 cV-2.1 Reg 10 s161.

Passenger compartment side windows

162(1) If the passenger compartment of the vehicle has side windows, they shall be of safety glass or other shatter-resistant material.

(2) The vehicle shall have windows or openings on each side that provide the driver with a clear view to the sides.

4 Sep 87 cV-2.1 Reg 10 s162.

Mirror

163 The vehicle shall have at least one mirror that provides the driver with a clear view to the rear.

4 Sep 87 cV-2.1 Reg 10 s163.

Windshield wiper

164 The vehicle shall have at least one functional windshield wiper for the driver's side of the windshield if the vehicle is operated in the rain.

4 Sep 87 cV-2.1 Reg 10 s164.

Tires

165 The vehicle shall have tires that have cords that are not damaged in the sidewall area or exposed in the tread area.

4 Sep 87 cV-2.1 Reg 10 s165.

Wheels

166 The wheels of the vehicle shall not:

(a) be cracked or excessively bent or field welded;

(b) have loose or missing wheel studs or nuts; and

(c) have stud holes that are elongated.

4 Sep 87 cV-2.1 Reg 10 s166.

PART VI
Type T Vehicles

Application of Part

167(1) The requirements of this Part apply only to type T vehicles.

(2) Every type T vehicle used on a highway shall be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a type T vehicle that does not comply with this Part.

4 Sep 87 cV-2.1 Reg 10 s167.

Certain weights and combinations prohibited

168(1) The weight of a trailer and its load or a combination of trailers and their loads, shall not exceed:

(a) in the case of a type T-1 vehicle with a gooseneck hitch, a fifth wheel or a weight distributing hitch, twice the GVWR of the towing vehicle; or

(b) in the case of a ball hitch, the GVWR of the towing vehicle.

(2) Unless otherwise permitted by the administrator, a combination consisting of a motor vehicle on a highway towing two type T vehicles may only be operated if:

(a) the lead type T vehicle is a semi-trailer, a gooseneck trailer or has two or more axles in tandem; and

(b) the gross vehicle weight of the lead conveyance is equal to or greater than that of the trailer being towed.

(3) A combination consisting of a motor vehicle on a highway towing three or more type T vehicles may only be operated with the approval of the administrator and under the terms and conditions specified by the administrator.

(4) A combination consisting of a motor vehicle on a highway towing a type T-1 single or tandem axle vehicle may only be operated where the vertical load applied by the hitch is more than 7% and less than 18% of the total weight of the towed vehicle and its load.

(5) Subsection (4) does not apply to a full trailer equipped with a drawbar coupler type hitch.

4 Sep 87 cV-2.1 Reg 10 s168; 6 Jne 2014 SR 46/2014 s30; 19 May 2017 SR 42/2017 s36.

Axles

169 Where the vehicle was manufactured on or after January 1, 1986, each axle of the vehicle shall be permanently labelled to show:

(a) the assembler's name or identification; and

(b) the GAWR of each axle.

4 Sep 87 cV-2.1 Reg 10 s169.

Certain axles prohibited

170 A combination consisting of a motor vehicle on a highway towing a type T-1 vehicle that was manufactured on or after January 1, 1986 shall not be equipped with an axle or suspension designed for the transportation of mobile homes and known as a "single use" axle or "mobile home" axle.

4 Sep 87 cV-2.1 Reg 10 s170.

Steering axle

171 Where any axle or axles on a type T-2 vehicle are spaced more than two metres from any adjacent axle on the same vehicle, one or more of the axles shall be a steering axle or there shall be a point of vehicle articulation between the axles.

4 Sep 87 cV-2.1 Reg 10 s171.

Suspension

172 The vehicle shall have a suspension system that:

(a) supports the vehicle so that it is approximately level across its width when the vehicle is unloaded and on a level surface;

(b) allows each wheel to move vertically in relation to the body of the vehicle;

(c) allows no more than 300 millimetres deviation from a straight line when towed by a vehicle travelling in a straight line on a level surface; and

(d) has no broken or field welded spring leaves or spring coils and no bent, cracked, broken or disconnected U-bolts, centre bolts, mounting shackles, stabilizers, radius rods or equalizers.

4 Sep 87 cV-2.1 Reg 10 s172.

Axle and suspension loads

173 Except where the administrator or the Department of Highways and Transportation otherwise approves, the loading on any axle of a type T vehicle shall not exceed the GAWR.

4 Sep 87 cV-2.1 Reg 10 s173.

Brake system

174(1) A vehicle that:

(a) is a type T-1 or type T-2 vehicle;

(b) has a GVWR of more than 1360 kilograms; or

(c) has a GVWR that exceeds the GVWR of the towing vehicle by more than 50%;

shall have a brake system that:

(d) applies braking on wheels on opposite ends of at least one axle, if the vehicle was manufactured before 1985;

(e) applies braking on wheels on opposite ends of all axles, if the vehicle was manufactured in or after 1985.

(1.1) Notwithstanding subsection (1), every type T-2 vehicle with a GVWR of 4 536 kilograms or greater manufactured on or after April 1, 2000 must be equipped with an antilock brake system that complies with the requirements of CMVSS 121.

(1.2) Subsection (1.1) does not apply to a type T-2 vehicle that:

(a) has a width of more than 2.6 metres with any extendable equipment in the fully retracted position and that is equipped with two short-track axles in a line across the vehicle's width;

(b) has an axle with a GVWR of 13 154 kilograms or greater;

(c) has a GVWR of more than 54 432 kilograms with either:

(i) brake lines that are designed to adapt to separation or extension of the vehicle frame; or

(ii) a body that consists of only a platform, with or without removal sides or a permanent front end structure, as the cargo-carrying surface that is not more than 101.6 centimetres above the ground in an unloaded condition;

(d) has an unloaded GVW that is not less than 95% of the vehicle's GVWR; or

(e) is a load divider dolly.

(2) The brake system shall automatically activate the brakes in the case of a break-away from the towing vehicle without affecting the brakes of the towing vehicle.

(3) Where the vehicle has a GVWR of more than 2800 kilograms and is fitted with electric brakes or, where the vehicle has a GVWR of more than 3700 kilograms and is fitted with non-electric brakes, the brake system shall be activated by means of the brake pedal of the towing vehicle.

(4) The service brake shall be adjusted so as to apply braking as nearly equal as practicable on the wheels on the opposite ends of the same axle.

(5) The brake system shall be maintained so that the service brakes and, where fitted, parking brakes function as designed and have no components that are insecure, misaligned, excessively worn or broken.

(6) A type T-2 vehicle shall have a parking brake that:

(a) holds the vehicle on a 15% grade with the vehicle facing either up or down the grade while fully loaded; and

(b) has a means of application that cannot be released unless it can be immediately re-applied.

(7) The brake linings and pads shall not be loose, broken or contaminated by petroleum products.

(8) The brake system friction material must not be worn in excess of the lesser of:

(a) the wear limit recommended by the manufacturer; and

(b) in the case of:

(i) a type T-1 vehicle and T-3 vehicle equipped with an electric or hydraulic brake system, 2.0 millimetres of remaining friction material, measured at the thinnest part, from the base of the bonded friction material or above the rivet or bolt head of non-bonded friction material;

(ii) a type T-2 vehicle and T-3 vehicle equipped with an air brake drum system and bonded or continuous strip brake shoe lining, 5.0 millimetres of remaining lining when measured at the centre of the shoe or 1.0 millimetres of remaining lining when measured at the thinnest point;

(iii) a type T-2 vehicle and T-3 vehicle equipped with an air brake drum system and block type brake shoe lining, 7.0 millimetres of remaining lining when measured at the centre of the shoe or 1.0 millimetres of remaining lining when measured at the thinnest point; or

(iv) a type T-2 vehicle and type T-3 vehicle equipped with an air disc brake system, 2.0 millimetres of remaining friction material when measured at the thinnest point.

(9) Brake rotors must not be worn in excess of the lesser of the wear limit recommended by the manufacturer and:

(a) for a vehicle equipped with a brake rotor less than 305 millimetres in diameter, a reduction of 2.25 millimetres from the original thickness of the rotor; or

(b) for a vehicle equipped with a brake rotor of 305 millimetres in diameter or greater, a reduction of 3.00 millimetres from the original thickness of the rotor.

(9.1) The measured brake drum diameter must not exceed the lesser of the wear limits indicated on the brake drum and:

(a) for a vehicle equipped with a nominal brake drum size of 350 millimetres or less, 2.3 millimetres more than the original drum diameter; or

(b) for a vehicle equipped with a nominal brake drum greater than 350 millimetres, 3.0 millimetres more than the original drum diameter.

(10) The brake drums or rotors shall not have been machined in excess of the limit recommended by the manufacturer as marked on the disk or drum, or where not so marked, in excess of:

(a) 1.50 millimetres in the case of drums 280 millimetres in diameter or less;

(b) 2.25 millimetres in the case of drums between 280 and 320 millimetres in diameter;

(c) 3.00 millimetres in the case of drums over 320 millimetres in diameter;

(d) 1.50 millimetres in the case of disks with a diameter of 305 millimetres or less;

(e) 2.25 millimetres in the case of disks over 305 millimetres in diameter.

(11) If the drum brakes were manufactured after 1980, they shall have a means of adjusting the brakes without removing the drums.

4 Sep 87 cV-2.1 Reg 10 s174; 6 Jne 2014 SR 46/2014 s31; 19 May 2017 SR 42/2017 s37.

175 Repealed. 6 Jne 2014 SR 46/2014 s32.

Electric brakes

176(1) Where the vehicle is equipped with electric brakes, the brake system shall:

(a) have electrical lines that are designed, constructed and maintained in accordance with good engineering practices; and

(b) meet the requirements of SAE J1292.

(2) The electric brake system shall have a method of automatically applying the brakes, on break-away of the vehicle from the towing vehicle, including a source of power with a minimum 12 volt rating and sufficient current capacity to fully engage the brakes.

4 Sep 87 cV-2.1 Reg 10 s176.

Hydraulic brakes

177 If the vehicle is equipped with hydraulic brakes, the hydraulic brake system must have lines and connections that:

(a) are constructed of materials that meet SAE standards J846, J1047, J1401 and J1403;

(b) in the case of a flexible line or hose, must not bulge or swell under pressure;

(c) are maintained so that they are secure against undue wear, accidental disconnection, chafing or failure from vibration; and

(d) must not be frayed, severed, cut, crimped or dented in a manner that impedes the flow of brake fluid or allows the contents to leak.

19 May 2017 SR 42/2017 s38.

Air brakes

178(1) Where the vehicle is equipped with air brakes, the air brake system shall have a check valve that will prevent a bleed back of air to the towing vehicle when the air pressure in the towing vehicle is less than that of the trailer.

(2) The air brake system shall have a secondary system that, on failure of the primary air system:

(a) causes the brakes to be applied automatically; or

(b) allows the driver to apply the brakes of both the trailer and the towing vehicle;

and brings the fully loaded combination to a stop within 16 metres from a speed of 30 kilometres per hour on a dry, smooth, level, paved surface.

(3) The air reservoir shall have a capacity of:

(a) at least eight times, if it was manufactured after 1975;

(b) at least six times, if it was manufactured in or before 1975;

the combined volumes of all service brake chambers at maximum travel of the pistons or diaphragms.

(4) The air brake system shall limit air loss to 20 kPa per minute while the brakes are applied and the engine of the towing vehicle is stopped.

(5) The air brake system shall have fittings, tubes and brake hoses that are designed in accordance with SAE Standards J1402, J1149, J1394 and J844, constructed of suitable materials and maintained so as to be secure against undue wear or accidental disconnection.

(6) Every type T-2 vehicle manufactured on or after May 31, 1996 that is equipped with air brakes must be equipped with a system that automatically compensates for service brake wear.

(7) If the vehicle is equipped with a cam type air brake system, the distance of travel of the brake piston or pushrod between the unapplied and applied brake position must not exceed the limits set out in Table 3 of the Appendix for the type and size of the vehicle's brake chamber.

4 Sep 87 cV-2.1 Reg 10 s178; 6 Jne 2014 SR 46/2014 s33; 19 May 2017 SR 42/2017 s39.

Lamps general

179 All lamps required pursuant to this Part must be securely mounted and meet SAE standards.

19 May 2017 SR 42/2017 s40.

Tail lamps

180 The vehicle shall have two tail lamps that:

(a) are located at the rear between 380 millimetres and 1830 millimetres above the road surface;

(b) are positioned as far apart as practicable;

(c) emit a red light that is visible from at least 150 metres to the rear; and

(d) are activated by the headlamp control of the towing vehicle.

4 Sep 87 cV-2.1 Reg 10 s180; 19 May 2017 SR 42/2017 s41.

Side marker lamps

181(1) Where the vehicle was manufactured after 1971 and is four metres or more in length, including the length of the hitch, the vehicle shall have side marker lamps that are located two on each side of the vehicle not less than 380 millimetres above the ground and as close to the corners as practicable.

(2) The side marker lamps shall:

(a) be clearly visible from a distance of at least 150 metres;

(b) emit a red light from the rear-most lamps and an amber light from the foremost lamps; and

(c) be activated by the headlamp control of the towing vehicle.

(3) In addition to the side marker lamps referred to in subsection (1), a vehicle over 10 metres long, including the length of the hitch, shall have intermediate side marker lamps that:

(a) emit an amber light;

(b) are located as close to the horizontal mid-point as practicable; and

(c) are at least 380 millimetres above the ground.

4 Sep 87 cV-2.1 Reg 10 s181; 19 May 2017 SR 42/2017 s42.

Clearance lamps

182 Where the vehicle is over 2060 millimetres in width, it shall have four clearance lamps that:

(a) are located two facing to the rear and two facing to the front as far apart as practicable;

(b) emit a red light from the rear facing lamps that is clearly visible from at least 150 metres and emit an amber light from the front facing lamps that is clearly visible from at least 150 metres;

(c) are located as high as practicable above the road surface; and

(d) are activated by the headlamp control of the towing vehicle.

4 Sep 87 cV-2.1 Reg 10 s182; 19 May 2017 SR 42/2017 s43.

Combined lamps

183(1) For the purposes of sections 181 and 182, a single lamp may serve as both a side-marker and clearance lamp if it is located at the corner and can be seen from both the end and the side.

(2) Front clearance lamps are not required on vehicles on which it is not practicable to mount lamps 2150 millimetres or more above the ground.

4 Sep 87 cV-2.1 Reg 10 s183.

Brake lamps

184 The vehicle shall have two brake lamps that:

(a) are located facing the rear;

(b) are between 380 millimetres and 2110 millimetres above the road surface;

(c) are positioned as far apart as practicable;

(d) emit a red light that is clearly visible from a distance of at least 200 metres to the rear; and

(e) are activated by any brake of any vehicle in the combination.

4 Sep 87 cV-2.1 Reg 10 s184; 19 May 2017 SR 42/2017 s44.

Signal lamps and hazard lamps

185(1) The vehicle shall have two turn signal lamps that:

(a) are located facing the rear;

(b) are positioned as far apart as practicable;

(c) are between 380 millimetres and 2100 millimetres above the road surface;

(d) emit a flashing amber or red light that is clearly visible from a distance of at least 200 metres to the rear; and

(e) are activated by the signal lamp control of the towing vehicle.

(2) The vehicle shall have two hazard warning lamps that:

(a) are located facing the rear;

(b) are positioned as far apart as practicable;

(c) are between 380 millimetres and 2100 millimetres from the road surface;

(d) emit a simultaneous flashing amber or red light that is clearly visible from a distance of at least 200 metres to the rear; and

(e) are activated by the hazard lamp control of the towing vehicle.

(3) For the purposes of subsections (1) and (2), a single lamp may serve as a turn signal lamp and a hazard warning lamp.

4 Sep 87 cV-2.1 Reg 10 s185; 19 May 2017 SR 42/2017 s45.

Identification lamps

186(1) Where the vehicle is over 2060 millimetres in width and is a commercial or public service vehicle, it shall have three identification lamps that:

(a) are located facing the rear as high and as near the centre as practicable;

(b) emit a red light that is clearly visible from a distance of at least 150 metres to the rear; and

(c) are activated by the headlamp control of the towing vehicle.

(2) Subsection (1) does not apply to low-bed trailers.

4 Sep 87 cV-2.1 Reg 10 s186; 19 May 2017 SR 42/2017 s46.

Licence plate lamp

187 The vehicle shall have a rear licence plate lamp that:

(a) emits a white light so that the licence plate is visible from a distance of 100 metres on a clear night; and

(b) is activated by the headlamp switch.

4 Sep 87 cV-2.1 Reg 10 s187.

Reflectors

188(1) The vehicle must have reflectors or reflective tapes that:

(a) are located:

(i) two facing the rear as far apart as is practicable and from 380 millimetres to 2 100 millimetres above the surface of the road;

(ii) two on each side as far apart as is practicable and from 380 millimetres to 530 millimetres above the surface of the road; and

(iii) one located near the horizontal mid-point on each side of the vehicle if the vehicle is over 10 metres in length;

(b) emit an amber reflection from the front-most and, if fitted, centre reflectors and a red reflection from the rearmost reflectors; and

(c) are visible on a clear night when illuminated by a type A vehicle headlamp at a distance of 60 metres.

(2) For the purposes of subsection (1), lamps with reflective lenses may serve as reflectors.

6 Jne 2014 SR 46/2014 s34; 19 May 2017 SR 42/2017 s47.

Retro-reflective markings

188.1 Every type T-2 vehicle that is 2 032 millimetres or more in overall width with a GVWR of more than 4 536 kilograms must be equipped with a conspicuity treatment in accordance with the requirements of CMVSS 108 in effect at the time the vehicle was manufactured.

6 Jne 2014 SR 46/2014 s35.

Electrical wiring

189 The electrical wiring of the vehicle shall:

(a) be installed in accordance with good engineering practice;

(b) conform to SAE Standards J1292;

(c) not be broken or badly frayed; and

(d) be of a gauge equal to or heavier than that prescribed in Table 2 of the Appendix, or that installed by the original manufacturer, whichever is less.

4 Sep 87 cV-2.1 Reg 10 s189.

Bumper

190(1) Where the vehicle is longer than four metres including the length of the hitch, it shall have a bumper that is securely mounted at the rear of the vehicle.

(2) Subsection (1) does not apply to boat trailers or vehicles with loading ramps or special equipment that makes the mounting of a bumper impracticable.

4 Sep 87 cV-2.1 Reg 10 s190.

Rear impact guards

190.1(1) Subject to subsections (2) and (3), a vehicle with a GVWR of 4 536 kilograms or greater that was manufactured on or after September 23, 2005 must be equipped with a rear impact guard that complies with the requirements of CMVSS 223 in effect at the time the vehicle was manufactured.

(2) A vehicle with a GVWR of 4 536 kilograms or greater that was manufactured on or after September 23, 2005 and before August 31, 2007 may be equipped with a rear impact guard in accordance with the requirements of Standard 224 under Part 571.224 of the Code of Federal Regulations (United States) Title 49, in effect at the time the vehicle was manufactured.

(3) Subsection (1) does not apply to:

(a) a pole trailer;

(b) a trailer or semi-trailer designed to be used as temporary living accommodations;

(c) a trailer or semi-trailer designed to interact with, or having work-performing equipment located or moving through, the area that would be occupied by the horizontal portion of the rear impact guard; or

(d) a trailer or semi-trailer if the height of the rearmost point of the trailer is between 560 millimetres and 1900 millimetres and whose rearmost axle is:

(i) permanently fixed; and

(ii) located such that the rearmost surface of the rearmost tire is not more than 305 millimetres forward from the rearmost point of the vehicle measured when the vehicle is unloaded on a flat surface and the tires are inflated to the manufacturer's recommended pressure.

6 Jne 2014 SR 46/2014 s36; 19 May 2017 SR 42/2017 s48.

Sharp edges

191 The vehicle, including any attached aerodynamic devices, must be free from rigid sharp edges of sheet metal, bumper, fender molding or any other parts that protrude more than 100 millimetres beyond the side of the vehicle at its widest point.

19 May 2017 SR 42/2017 s49.

Fenders or mudflaps

192(1) Subject to subsections (2) and (3), the vehicle shall have for each tire, a fender, mudflap or body overhang that:

(a) reduces the rearward projection of gravel, mud, water and snow from the tire;

(b) is located so that the lowest point of the fender, mudflap or body overhang is above the ground a distance that is not greater than one-third of the horizontal distance from that point to the centre of the wheel; and

(c) extends across the full width of the tire.

(2) Subsection (1) applies to wheels on steering axles only when the wheels are in the straight ahead position.

4 Sep 87 cV-2.1 Reg 10 s192; 6 Jne 2014 SR 46/2014 s37.

Floor or deck condition

193 If a vehicle is equipped with a floor or deck, the floor or deck must not be visibly perforated by rust or otherwise damaged or have an opening other than those intended by the manufacturer.

19 May 2017 SR 42/2017 s50.

Frame

193.1 The trailer's frame must not be visibly cracked or weakened by corrosion or have loose or missing connecting fasteners that may degrade the safety of the vehicle or jeopardize its handling characteristics.

19 May 2017 SR 42/2017 s50.

Door or gate latches

194 If the vehicle is fitted with a door or gate, the door or gate must have a latch that prevents the door or gate from being opened by road motion or vibration and that does not allow for the leakage, loss or spillage of contents.

19 May 2017 SR 42/2017 s51.

Windows

195 Where the vehicle has windows, they shall be of plastic or of safety glass.

4 Sep 87 cV-2.1 Reg 10 s195.

Tires

196(1) The vehicle shall have tires that, at the time of manufacture, complied with the CMVTSS.

(1.1) The tires must be inflated to a pressure within the range specified by the tire manufacturer for the load being carried and be free from any noticeable leak.

(2) Where the tires are dual tires, they shall be matched within 12.80 millimetres in actual diameter.

(3) The tires must:

(a) be free from cuts or cracks in the sidewall that are greater than 25.6 millimetres in length and that extend into the cord;

(b) have no visible bulges indicating structural failure; and

(c) have no exposed ply material.

(4) Where the vehicle is a type T-2 vehicle other than a vehicle transporting dangerous goods, the tires shall have detectable tread across the width of the tire measured at any three points equally spaced around the circumference of the tire.

(5) Where the vehicle is a type T-2 vehicle transporting dangerous goods, the tires shall have at least 1.60 millimetres tread thickness measured in any two major grooves at any three points equally spaced around the circumference of the tire.

(6) The sidewall of the tire must be permanently marked with the size, maximum inflation pressure, maximum load rating and, in the case of a radial tire, the construction type.

4 Sep 87 cV-2.1 Reg 10 s196; 19 May 2017 SR 42/2017 s52.

Wheels

197 The wheels of the vehicle shall not:

(a) be cracked, excessively bent or field welded;

(b) have loose or missing wheel studs or nuts; or

(c) have stud holes that are elongated.

4 Sep 87 cV-2.1 Reg 10 s197.

Hitch

198 Subject to section 168, a type T vehicle that is being towed by another type T vehicle in combination must have its hitch attached directly to a structural part of the towing vehicle.

19 May 2017 SR 42/2017 s53.

Safety chain

199(1) Where the vehicle has a hitch coupled by any means other than a fifth wheel, the vehicle shall have a secondary coupling device that:

(a) prevents complete disconnection of the vehicle from the towing vehicle in the event of accidental disconnection of the primary coupling device; and

(b) prevents the tongue from dropping to the ground in the event that the primary coupling device becomes disconnected.

(2) The secondary coupling device shall not be attached to the primary coupling device.

(3) Where the secondary coupling device is a cable or chain, it shall be connected to the trailer, looped under the tow bar and connected to the towing vehicle.

(4) The secondary coupling device must have a breaking strength of not less than the GVW of all towed vehicles and any load carried on those vehicles.

4 Sep 87 cV-2.1 Reg 10 s199; 6 Jne 2014 SR 46/2014 s38.

Ball type hitch

200 If the towing vehicle is equipped with a ball type hitch, the coupler of the trailer being towed must be fully closed and have a secondary device that prevents opening, and there shall be no excessive loosening of the connection.

19 May 2017 SR 42/2017 s54.

Gooseneck trailer

201 If the vehicle is a gooseneck trailer, the neck shall have a rated strength equal to or greater than the combined weight of the vehicle and its load.

4 Sep 87 cV-2.1 Reg 10 s201.

Strength of type T-2 coupler

202 If the vehicle is a type T-2 vehicle coupled other than by a fifth wheel, the secondary coupling device shall have a rated strength that is not less than 1.5 times the total weight of the vehicle and its load.

4 Sep 87 cV-2.1 Reg 10 s202.

Semi-trailer coupler

203(1) If a vehicle has a coupler assembly, the coupler assembly must have a king pin and upper coupler plate that have rated capacities equal to or greater than the combined weight of the vehicle and its load.

(2) The coupler assembly shall be maintained so that the contact area between the upper coupler plate and the fifth wheel of the towing vehicle is at least 75% of the total area of the coupler plate.

(3) Where a vehicle has a GVWR of more than 12000 kilograms, the coupler assembly shall have a king pin with a minimum diameter of 44.80 millimetres at the throat and 64.00 millimetres at the upper and lower section.

(4) Where the vehicle has a GVWR of 12000 kilograms or less, the coupler assembly shall have a king pin with a minimum diameter of 38.40 millimetres at the throat and 51.20 millimetres at the upper and lower section.

(5) The king pin coupler assembly, including the king pin, upper coupler plate and mounting hardware, must not be visibly cracked, weakened by corrosion or have loose or missing connecting fasteners.

(6) If the vehicle is fitted with a fifth wheel, the fifth wheel must have:

(a) a plate that is securely mounted;

(b) a locking device that prevents separation of the fifth wheel and the semi-trailer king pin; and

(c) lubrication between the fifth wheel and the upper fifth plate of the semi-trailer.

4 Sep 87 cV-2.1 Reg 10 s203; 19 May 2017 SR 42/2017 s55.

Vehicle identification number

204 The vehicle shall have a vehicle identification number that is stamped into or affixed on the frame of the vehicle so that it is visible without removing any part.

4 Sep 87 cV-2.1 Reg 10 s204.

Labelling of trailers

205 The manufacturer for sale of a trailer shall affix to it in a visible place a permanent label showing:

(a) the name and address of the manufacturer; and

(b) the GAWR or the GVWR for the trailer.

4 Sep 87 cV-2.1 Reg 10 s205.

PART VII
Tow Dollies – Type T-3 Vehicles

Application of Part

206(1) The requirements of this Part apply only to tow dollies and vehicles towed using tow dollies.

(2) Every type T-3 vehicle driven on a highway shall be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a type T-3 vehicle that does not comply with this Part.

4 Sep 87 cV-2.1 Reg 10 s206.

Certain weights prohibited

207 The combined weight of a tow dolly and a vehicle that is supported by a tow dolly shall not exceed:

(a) 2800 kilograms; or

(b) twice the GVWR of the towing vehicle;

whichever is less.

4 Sep 87 cV-2.1 Reg 10 s207; 19 May 2017 SR 42/2017 s56.

Locking device required

208(1) Where a tow dolly is equipped with king pins and steerable wheels, it shall have a locking device that locks the wheels in the straight ahead position at all times while in tow.

(2) Where the tow dolly supports the rear wheels of the vehicle in tow or where the tow dolly is equipped with a turntable, the front wheels of the vehicle in tow shall be locked in the straight ahead position.

4 Sep 87 cV-2.1 Reg 10 s208.

Brakes

209 Where the combined weight of the towed vehicle and the tow dolly exceed 50% of the GVWR of the towing vehicle, the tow dolly shall have brakes.

4 Sep 87 cV-2.1 Reg 10 s209; 19 May 2017 SR 42/2017 s57.

Lamps general

210 All lamps required pursuant to this Part must meet SAE standards and be securely mounted.

19 May 2017 SR 42/2017 s58.

Tail lamps

211 A tow dolly being towed empty, or a combination consisting of a tow dolly and a towed vehicle, shall have two tail lamps that:

(a) are located at the rear of the combination between 380 millimetres and 1830 millimetres above the road surface;

(b) are positioned as far apart as practicable;

(c) emit a red light that is visible from a distance of at least 150 metres to the rear;

(d) are activated by the headlamp control of the towing vehicle.

4 Sep 87 cV-2.1 Reg 10 s211; 19 May 2017 SR 42/2017 s59.

Brake lamps

212 A tow dolly being towed empty, or a combination consisting of a tow dolly and a towed vehicle, shall have two brake lamps that:

(a) are located at the rear of the combination between 380 millimetres and 2110 millimetres above the road surface;

(b) are positioned as far apart as practicable;

(c) emit a red light that is visible from a distance of at least 200 metres to the rear; and

(d) are activated by any brake of any vehicle in the combination.

4 Sep 87 cV-2.1 Reg 10 s212; 19 May 2017 SR 42/2017 s60.

Signal lamps

213 A tow dolly being towed empty, or a combination consisting of a tow dolly and a towed vehicle, shall have two turn signal lamps that:

(a) are located at the rear of the combination;

(b) are positioned as far apart as practicable;

(c) are between 380 millimetres and 2110 millimetres above the road surface;

(d) emit a flashing amber or red light that is visible from a distance of at least 200 metres to the rear; and

(e) are activated by the signal lamp control of the towing vehicle.

4 Sep 87 cV-2.1 Reg 10 s213; 19 May 2017 SR 42/2017 s61.

Clearance lamps

214 Where the width of a tow dolly being towed empty, or of a combination consisting of a tow dolly and a towed vehicle, is over 2060 millimetres, the tow dolly or the combination shall have four clearance lamps that:

(a) are located two facing to the rear and two facing to the front;

(b) are positioned as far apart as practicable;

(c) emit a red light from the rear facing lamps that is clearly visible from at least 150 metres and emit an amber light from the front facing lamps that is clearly visible from at least 150 metres; and

(d) are activated by the headlamp control of the towing vehicle.

4 Sep 87 cV-2.1 Reg 10 s214; 19 May 2017 SR 42/2017 s62.

Side marker lamps

215 A tow dolly being towed empty, or in a combination consisting of a tow dolly and a towed vehicle, must have two side marker lamps that:

(a) are located on the side at the rear of the combination;

(b) are positioned not less than 380 millimetres above the ground;

(c) emit a red light that is clearly visible from a distance of 150 metres; and

(d) are activated by the headlamp control.

19 May 2017 SR 42/2017 s63.

Light bar permitted

216 Lamps required by sections 211 to 215 may be attached to a light bar temporarily attached to either the tow dolly or the towed vehicle.

4 Sep 87 cV-2.1 Reg 10 s216.

Securing device

217(1) The tow dolly must have a securing device that secures the wheels supported by the tow dolly to the tow dolly and a secondary coupling device that meets the requirements of section 199.

(2) The securing device shall have a load rating that is not less than the weight of the towed vehicle.

4 Sep 87 cV-2.1 Reg 10 s217; 19 May 2017 SR 42/2017 s64.

Hitch

218 The hitch of the towing dolly shall comply with hitch requirements set out in sections 73, 168 and 200.

4 Sep 87 cV-2.1 Reg 10 s218; 19 May 2017 SR 42/2017 s65.

Certain combinations prohibited

219 A tow dolly may only be towed in a four-vehicle combination if the lead type T vehicle is a semi-trailer, a gooseneck trailer or a tandem axle trailer.

4 Sep 87 cV-2.1 Reg 10 s219.

PART VIII
Type M Vehicles

Application of Part

220(1) The requirements of this Part apply only to type M vehicles.

(2) Every type M vehicle driven on a highway shall be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a type M vehicle that does not comply with this Part.

4 Sep 87 cV-2.1 Reg 10 s220.

CMVSS standards apply

221 Every type M vehicle shall comply with the appropriate CMVSS at the time of manufacture and bear a label of compliance.

4 Sep 87 cV-2.1 Reg 10 s221.

Exhaust system

222 The vehicle shall have an exhaust system that is adequately shielded to prevent excessive heat transfer to the fuel and brake systems and to prevent injury to the operator or passenger.

4 Sep 87 cV-2.1 Reg 10 s222.

Mufflers

223(1) The vehicle shall have one or more mufflers that:

(a) ensure that exhaust gases are cooled; and

(b) effectively reduce combustion noise.

(2) Every muffler shall be adequately shielded to prevent excessive heat transfer to the fuel and brake system or to the operator or passenger.

4 Sep 87 cV-2.1 Reg 10 s223.

Fuel system

224 The vehicle shall have a fuel system that:

(a) has a filler cap or closing device on the tank that prevents spillage of fuel and unrestricted release of vapour; and

(b) has a tank and fuel lines that are free of leaks and securely mounted or attached.

4 Sep 87 cV-2.1 Reg 10 s224.

Drive train guard

225 The vehicle shall have a guard for the drive chain, belt or shaft that prevents injury to the driver or passenger.

4 Sep 87 cV-2.1 Reg 10 s225.

Ground clearance

226 The vehicle shall have a minimum of 100 millimetres and a maximum of 320 millimetres clearance between the ground and the lowest point of the power train cases.

4 Sep 87 cV-2.1 Reg 10 s226.

Wheel base

227 The vehicle shall have a minimum wheel base of 1040 millimetres.

4 Sep 87 cV-2.1 Reg 10 s227.

Brake system

228(1) The vehicle shall have at least one brake system.

(2) If the vehicle has one brake system, application of the brakes shall apply brakes to both the front and the rear wheels.

(3) If the vehicle has two brake systems:

(a) each brake system shall have a separate means of application;

(b) one brake system shall be effective on the front wheel; and

(c) one brake system shall be effective on the rear wheel.

(4) The brake system, or if there is more than one brake system, the brake systems together, shall stop the vehicle in an upright position, from a speed of 30 kilometres per hour within a distance of eight metres on a dry, smooth, level, paved surface without deviating by more than 300 millimetres from a straight line.

4 Sep 87 cV-2.1 Reg 10 s228.

Forks

229(1) Where the front forks are not those provided by the manufacturer of the vehicle, they shall:

(a) not exceed the vehicle manufacturer's specified length by more than 250 millimetres as measured from the centre of the front axle to the bottom of the steering column when the vehicle is unloaded; or

(b) have been approved by the administrator.

(2) Where the vehicle has extended forks, the fork tubes shall be one continuous piece of metal with no splices or joints.

4 Sep 87 cV-2.1 Reg 10 s229.

Handlebars

230 The vehicle shall have handlebars that:

(a) have grips that are no higher than the shoulders of the seated driver; and

(b) do not exceed the overall width of those provided by the vehicle manufacturer.

4 Sep 87 cV-2.1 Reg 10 s230.

Speedometer

231(1) The vehicle shall have an instrument that will provide the driver with an accurate indication of speed in miles or kilometres per hour or in engine revolutions per minute.

(2) Subsection (1) does not apply to limited speed motorcycles.

4 Sep 87 cV-2.1 Reg 10 s231.

Horn

232(1) The vehicle shall have a horn that emits a sound that is audible, under normal conditions, from a distance of 60 metres.

(2) The horn activation control shall be within reach of the seated driver.

4 Sep 87 cV-2.1 Reg 10 s232.

Controls and instruments

233(1) All operating controls shall be within reach of the operator when the operator is seated normally in the saddle.

(2) All instruments shall be visible to the operator when the operator is seated normally in the saddle.

4 Sep 87 cV-2.1 Reg 10 s233.

234 Repealed. 18 May 2012 SR 29/2012 s8.

235 Repealed. 18 May 2012 SR 29/2012 s8.

Vehicle identification and engine serial numbers

236(1) The vehicle identification number shall be sunk into, attached to or embossed on the frame of the vehicle so that it is visible without removing any part.

(2) The engine of the vehicle shall have a serial number that is sunk into, attached or embossed on the engine block.

4 Sep 87 cV-2.1 Reg 10 s236.

Lamps general

237 The lamps required pursuant to this Part shall comply with SAE standards and, except for headlamps, shall emit light that is visible from a distance of 200 metres on a clear night.

4 Sep 87 cV-2.1 Reg 10 s237.

Headlamps

238(1) The vehicle shall have one or more headlamps that are arranged in a symmetrical pattern about the vertical mid-point of the vehicle.

(2) Except in the case of a limited speed motorcycle, the vehicle headlamps shall have a high beam and a low beam.

(3) The headlamp system shall have a means of selecting between the high beam and the low beam without interruption of light.

(4) The headlamp shall, while on high beam or low beam, emit a white light visible from a distance of 500 metres on a clear night.

(5) The low beam shall illuminate a gray object 1000 millimetres by 300 millimetres from a distance of 50 metres on a clear night.

(6) The high beam shall illuminate a gray object 1000 millimetres by 300 millimetres from a distance of 50 metres on a clear night.

(7) A limited speed motorcycle is not required to have a high beam.

(8) The headlamp shall be activated automatically when any forward gear is engaged with the engine running.

(9) The low beam shall be focused so that:

(a) the left edge of the high intensity zone is no more than 100 millimetres right or left of straight ahead; and

(b) the top edge of the high intensity zone is no more than 100 millimetres above or below the height of the lamp;

when illuminating a screen at a distance of eight metres with the vehicle on level ground.

4 Sep 87 cV-2.1 Reg 10 s238.

Driving lamps

239 Where the vehicle is fitted with auxiliary driving lamps or fog lamps, they shall be mounted no higher than the headlamps and focused at least as low and as far to the right as the low beam or connected so that they are turned off when the low beam is activated.

4 Sep 87 cV-2.1 Reg 10 s239.

Tail lamp

240 The vehicle shall have a tail lamp that:

(a) is located at the rear;

(b) emits a red light that is visible from any point along a 180° horizontal arc; and

(c) is activated by the headlamp control.

4 Sep 87 cV-2.1 Reg 10 s240.

Brake lamp

241 The vehicle shall have a brake lamp that:

(a) faces the rear;

(b) emits a red light; and

(c) is activated by the application of brakes on any wheel.

4 Sep 87 cV-2.1 Reg 10 s241.

Signal lamps

242(1) The vehicle shall have signal lamps that:

(a) are positioned as far apart as practicable;

(b) emit a red or amber light to the rear and an amber light to the front; and

(c) flash on activation of a turn signal control located within easy reach of the driver.

(2) One lamp may serve front and rear if that lamp is visible from the front and rear.

(3) Subsection (1) does not apply to vehicles manufactured before January 1, 1974.

4 Sep 87 cV-2.1 Reg 10 s242.

Licence plate lamp

243(1) The vehicle shall have a licence plate lamp that illuminates the licence plate with a white light so that the licence plate is visible from a distance of 15 metres on a clear night.

(2) The licence plate lamp shall be activated by the headlamp control.

4 Sep 87 cV-2.1 Reg 10 s243.

Clearance lamps

244 Where the vehicle is fitted with a sidecar, the sidecar shall have at least one clearance lamp that:

(a) emits a red light to the rear and an amber light to the front;

(b) is located as close to the extremity of the side car as practicable; and

(c) is activated by the headlamp control.

4 Sep 87 cV-2.1 Reg 10 s244.

Reflectors

245(1) The vehicle shall have reflectors or reflective tapes that:

(a) are located at the rear and on each side at the front and rear;

(b) emit a red reflection from the rear and rear side reflectors and an amber reflection from the front side reflectors; and

(c) are visible from a distance of 60 metres when illuminated by type A vehicle headlamps on a clear night.

(2) For the purpose of subsection (1), reflective lenses of lamps may serve as reflectors.

4 Sep 87 cV-2.1 Reg 10 s245.

Electrical wiring

246 The electrical wiring of the vehicle shall:

(a) conform to SAE J 1292;

(b) be installed in accordance with good engineering practice; and

(c) be of a gauge equal to or heavier than that provided by the vehicle manufacturer.

4 Sep 87 cV-2.1 Reg 10 s246.

Fenders and mudflaps

247 The vehicle shall have fenders or mudflaps for the full width of the tires that reduce rearward projection of gravel, mud, water and snow from the tires.

4 Sep 87 cV-2.1 Reg 10 s247.

Saddle

248 The upper surface of the seat or saddle of the vehicle shall be not less than 500 millimetres above the ground when loaded with a 70 kilograms load.

4 Sep 87 cV-2.1 Reg 10 s248.

Main frame

249 The main frame of the vehicle shall be not less than 650 millimetres above the ground at the point where contact is made with the handlebars.

4 Sep 87 cV-2.1 Reg 10 s249.

Foot pegs and pillion

250(1) When a passenger is being transported on the vehicle, the vehicle shall be fitted with foot pegs.

(2) The foot pegs shall fold rearward and upward when not in use.

(3) The vehicle shall not be used to carry a passenger unless the operator's seat is designed to carry two people or there is a separate passenger seat.

4 Sep 87 cV-2.1 Reg 10 s250.

Windshield

251 Where the vehicle is equipped with a windshield the windshield shall not:

(a) be cracked from one edge to any other edge; and

(b) be scratched, discoloured or otherwise marred so that the driver's view of the road is obscured.

4 Sep 87 cV-2.1 Reg 10 s251.

Mirror

252 The vehicle must have a mirror that:

(a) meets the requirements of the version of the CMVSS 111 in effect at the time the vehicle was manufactured; and

(b) provides the driver a clear view to the rear.

19 May 2017 SR 42/2017 s66.

Protruding material

253 No part of the motorcycle shall extend beyond the width of the handlebars in a manner that creates a hazard for pedestrians.

4 Sep 87 cV-2.1 Reg 10 s253.

Tires

254 The vehicle shall have tires that have a rated capacity equal to or greater than the load being supported.

4 Sep 87 cV-2.1 Reg 10 s254.

Wheels

255 The wheels of the vehicle shall have:

(a) a minimum diameter of 250 millimetres; and

(b) no bent or missing spokes and no bent or cracked rims.

4 Sep 87 cV-2.1 Reg 10 s255.

PART VIII.1

Type S Vehicles

Application of Part

255.1(1) The requirements of this Part apply only to type S vehicles.

(2) Subject to subsection (3), every type S vehicle must be equipped in accordance with this Part.

(3) The requirements of this Part do not apply to a type S vehicle that is operated on private land that:

(a) is owned by the owner or operator of the type S vehicle being operated; or

(b) is owned by a person other than a person mentioned in clause (a), if the owner of the land has given his or her consent, either expressly or by implication, to use the land for the operation of the type S vehicle.

(4) Notwithstanding subsections (2) and (3), the administrator may approve for use a type S vehicle that does not comply with this Part.

13 Feb 98 SR 10/98 s4.

CMVSS standards apply

255.11 Every type S vehicle is to comply with the appropriate CMVSS at the time of manufacture and bear a label of compliance.

13 Feb 98 SR 10/98 s4.

Exhaust system

255.12 Every type S vehicle is to have an exhaust system that:

(a) is securely mounted and free of abnormal exhaust leaks;

(b) is adequately shielded to prevent excessive heat transfer to the fuel and brake systems and to prevent injury to the operator or passenger;

(c) is fitted with one or more mufflers; and

(d) has shields that are securely mounted.

13 Feb 98 SR 10/98 s4.

Fuel system

255.2 Every type S vehicle is to have a fuel system that:

(a) has a filler cap or closing device on the tank that prevents spillage of fuel and unrestricted release of vapour;

(b) has a tank and fuel lines that are free of leaks and securely mounted or attached; and

(c) has fuel lines constructed of a material approved for fuel transfer.

13 Feb 98 SR 10/98 s4.

Drive guard

255.21(1) Every type S vehicle is to be equipped with a guard for the drive chain, belt or shaft that is securely mounted and positioned to prevent injury to the driver or passenger.

(2) If type S vehicle is driven by a propeller, the vehicle is to be equipped with a guard or shield over the propeller that is securely mounted and positioned to prevent injury to the driver or passenger.

13 Feb 98 SR 10/98 s4.

Brake system

255.22(1) Every type S vehicle is to have a brake system that:

(a) will stop and hold the track or wheels in a stationary position on a 15% grade; and

(b) will stop the vehicle from a speed of 13 kilometres per hour within a distance of six metres.

(2) Every type S vehicle must have a brake system that functions so that brake shoes or pads and the brake drums or rotors are not worn in excess of the manufacturer's specifications.

13 Feb 98 SR 10/98 s4.

Steering

255.3 Every type S vehicle is to be equipped with a steering system that:

(a) has handle bars with grips that are no higher than the shoulders of the seated driver; and

(b) has no broken components, missing components, or components that are worn in excess of manufacturer's specifications.

13 Feb 98 SR 10/98 s4.

Suspension

255.31 Every type S vehicle is to be equipped with a suspension system that has no broken parts, missing parts or parts that are worn in excess of the manufacturer's specifications.

13 Feb 98 SR 10/98 s4.

Occupant support

255.32 Every type S vehicle is to have a saddle that:

(a) is padded with energy absorbing material that is not less than 60 millimetres thick; and

(b) is secured to the vehicle.

13 Feb 98 SR 10/98 s4.

Throttle return

255.4 Every type S vehicle is to have a throttle return device that returns the throttle to the idle position when the hand control is released.

13 Feb 98 SR 10/98 s4.

Kill switch

255.41 If originally equipped by the manufacturer, the type S vehicle is to be equipped with a kill switch that stops the engine in the event the type S vehicle operator is ejected from the saddle or out of reach of the controls.

13 Feb 98 SR 10/98 s4.

Controls

255.42 All operating controls are to be within reach of the operator when the operator is seated normally in the saddle.

13 Feb 98 SR 10/98 s4.

255.5 Repealed. 18 May 2012 SR 29/2012 s9.

Windshield

255.51 Where the type S vehicle is equipped with a windshield:

(a) the windshield must be constructed of transparent, shatter-proof material free from scratches or distortion that would impair the operator's vision; and

(b) the windshield must not be cracked from one edge to another edge.

13 Feb 98 SR 10/98 s4.

Vehicle identification numbers

255.6 Every type S vehicle identification number is to be sunk into, attached to or embossed on the frame of the vehicle so that it is visible without removing any part.

13 Feb 98 SR 10/98 s4.

Lamps general

255.61 The lamps required pursuant to this Part are to be securely mounted, not have missing or broken lenses and comply with SAE standards and, except for headlamps, are to emit light that is visible from a distance of 200 metres on a clear night.

13 Feb 98 SR 10/98 s4.

Headlamps

255.7(1) Every type S vehicle is to be fitted with one or more headlamps that emit a white or amber light.

(2) The beam of a headlamp must illuminate a grey object 1,000 millimetres by 300 millimetres from a distance of 50 metres on a clear night.

13 Feb 98 SR 10/98 s4.

Tail lamp

255.71 Every type S vehicle is to have a tail lamp that:

(a) is located at the rear;

(b) emits a red light that is visible from the rear; and

(c) is activated by the headlamp control.

13 Feb 98 SR 10/98 s4.

Brake lamp

255.8 Every type S vehicle is to have a brake lamp that:

(a) faces the rear;

(b) emits a red light; and

(c) is activated by the application of brakes.

13 Feb 98 SR 10/98 s4.

Reflectors

255.81(1) Every type S vehicle is to have reflectors or reflective tapes that:

(a) are located at the rear and on each side at the front and rear;

(b) emit a red reflection from the rear and rear side reflectors and an amber reflection from the front side reflectors; and

(c) are visible from a distance of 60 metres when illuminated by an exterior light source on a clear night.

(2) For the purpose of subsection (1), reflective lenses of lamps may serve as reflectors.

13 Feb 98 SR 10/98 s4.

Electrical wiring

255.9 The electrical wiring of every type S vehicle must:

(a) conform to SAE J 1292;

(b) be installed in accordance with good engineering practice; and

(c) be of a gauge equal to or heavier than that provided by the vehicle manufacturer.

13 Feb 98 SR 10/98 s4.

Protruding material

255.91 No part of a type S vehicle is to extend beyond the width of the handlebars in a manner that creates a hazard for pedestrians.

13 Feb 98 SR 10/98 s4.

PART VIII.2

Equipment Standards for Vehicles Exempt from Registration Requirements

Standards for unregistered vehicles

255.911(1) The requirements of this Part apply to the following vehicles:

(a) a special mobile machine;

(b) towed mobile equipment.

(2) Every vehicle mentioned in subsection (1) that is operated on a highway must be equipped in accordance with this Part.

(3) Notwithstanding subsection (2), the administrator may approve for use on a highway a vehicle mentioned in subsection (1) that does not comply with this Part.

6 Jne 2014 SR 46/2014 s39.

Tires

255.912 The tires on every vehicle must:

(a) not be worn or damaged or have cords that are exposed;

(b) have a load rating appropriate to the application of the vehicle;

(c) if equipped with pneumatic tires, be inflated to the manufacturer's recommended pressure based on the vehicle's GVW; and

(d) have a speed rating at or above the speed at which the vehicle is operating.

6 Jne 2014 SR 46/2014 s39.

Brakes

255.913(1) Every special mobile machine must be equipped with a braking system that is maintained in accordance with the manufacturer's instructions.

(2) All towed mobile equipment with a GVW greater than 1 360 kilograms must be equipped with:

(a) a braking system that is activated by the towing vehicle and maintained in accordance with the manufacturer's instructions; and

(b) a trailer break-away system that automatically activates the brakes on the towed vehicle in the event the towed vehicle disconnects from the towing vehicle.

(3) Subject to meeting the requirements set out in subsection 22(16), a towed vehicle without brakes may be towed by a towing vehicle if the towing vehicle's GVWR is twice the GVW of the towed vehicle.

6 Jne 2014 SR 46/2014 s39.

Fuel

255.914 The fuel system on a special mobile machine must be free of leaks and securely mounted and attached.

6 Jne 2014 SR 46/2014 s39.

Steering

255.915 If the vehicle is equipped with a steering system, that system must not have any broken, missing or excessively worn components.

6 Jne 2014 SR 46/2014 s39.

Suspension

255.916 If the vehicle is equipped with a suspension system, that system must:

(a) have no broken, missing or excessively worn components;

(b) prevent the axle from shifting from its normal position; and

(c) maintain the vehicle's directional stability.

6 Jne 2014 SR 46/2014 s39.

Chassis

255.917 The frame of the vehicle must support the vehicle, its load and, if equipped with a power train, the torque from the power source under all operating conditions without distortion.

6 Jne 2014 SR 46/2014 s39.

Lamps

255.918(1) A vehicle operated during the period from one-half hour after sunset to one-half hour before sunrise, or when visibility is less than 1 000 metres, must be equipped with the lamps set out in sections 255.919 to 255.922.

(2) All lamps required pursuant to this Part, with the exception of headlamps, must:

(a) comply with SAE standards; and

(b) emit a light that is visible from a distance of 200 metres on a clear night.

(3) The use of securely mounted temporary lighting is permitted to meet the lighting requirements of this Part.

6 Jne 2014 SR 46/2014 s39.

Tail lamps

255.919 The vehicle must be equipped with at least one tail lamp that:

(a) emits a red light that is clearly visible from a distance of at least 150 metres to the rear; and

(b) is mounted on the rear of the vehicle to the left of the vehicle vertical centre-line, or, if two tail lamps are used, symmetrically mounted on either side of the rear of the vertical centre-line of the vehicle as far apart as is practicable.

6 Jne 2014 SR 46/2014 s39; 19 May 2017 SR 42/2017 s67.

Stop lamps

255.920 The vehicle must be equipped with at least one stop lamp that:

(a) emits a red light that is clearly visible from a distance of at least 200 metres to the rear;

(b) is activated by the brake system, or, if in a vehicle combination, by the braking system on the towing vehicle; and

(c) is mounted on the rear of the vehicle to the left of the vehicle vertical centre-line, or, if two tail lamps are used, symmetrically mounted on either side of the rear vertical centre-line of the vehicle as far apart as is practicable.

6 Jne 2014 SR 46/2014 s39; 19 May 2017 SR 42/2017 s68.

Signal lamps

255.921 The vehicle must be equipped with two signal lamps that:

(a) emit an amber or flashing light that is clearly visible from a distance of at least 200 metres to the rear;

(b) are actuated by the signal lamp control or, if in a vehicle combination, by the signal lamp control on the towing vehicle; and

(c) are symmetrically mounted on either side of the rear vertical centre-line of the vehicle as far apart as is practicable.

6 Jne 2014 SR 46/2014 s39; 19 May 2017 SR 42/2017 s69.

Headlamps

255.922 A special mobile machine must be equipped with at least two headlamps that:

(a) emit a white light visible from a distance of 500 metres;

(b) are symmetrically mounted on either side of the front vertical centre-line of the vehicle as far apart as is practicable and at the same height, no more than 1 370 millimetres from the ground measured at the centre of the lamp; and

(c) are aimed so that if the vehicle is unloaded and on a flat surface, the low beam of the headlamp is illuminating a screen at a distance of 8 metres and:

(i) the left edge of the high intensity zone is not more than 100 millimetres right or left of straight ahead; and

(ii) the top edge of the high intensity zone is not more than 100 millimetres above or below the height of the lamp.

6 Jne 2014 SR 46/2014 s39; 19 May 2017 SR 42/2017 s70.

Reflectors

255.923(1) The vehicle must have reflectors or reflective tapes that:

(a) are located:

(i) two facing the rear as far apart as is practicable and from 350 to 2 100 millimetres above the surface of the road;

(ii) two on each side as far apart as is practicable and from 380 millimetres to 530 millimetres above the surface of the road; and

(iii) one located near the horizontal mid-point on each side of the vehicle if the vehicle is over 10 metres in length;

(b) emit an amber reflection from the front-most and, if fitted, centre reflectors and a red reflection from the rearmost reflectors; and

(c) are visible on a clear night when illuminated by a type A vehicle headlamp at a distance of 60 metres.

(2) For the purpose of subsection (1), lamps with reflective lenses may serve as reflectors.

6 Jne 2014 SR 46/2014 s39.

Retro-reflective markings

255.924 Towed mobile equipment that is 2 032 millimetres or more in overall width with a GVWR of more than 4 536 kilograms must be equipped with a conspicuity treatment in accordance with the requirements of CMVSS 108 in effect at the time the vehicle was manufactured.

6 Jne 2014 SR 46/2014 s39.

Windshield wiper

255.925 If a special mobile machine is operated during periods of precipitation, the special mobile machine must be equipped with at least one powered windshield wiper that provides the driver with an unobstructed view of the road.

6 Jne 2014 SR 46/2014 s39.

Rated hitch

255.926 If the vehicle is fitted with a trailer hitch, the trailer hitch of that vehicle and all towed vehicles must have a rated capacity equal to or greater than the GVW of all towed vehicles and their respective loads.

6 Jne 2014 SR 46/2014 s39.

Safety chain

255.927(1) If a towing vehicle has a hitch coupled by any means other than a fifth wheel, the towed vehicle must have a secondary coupling device that:

(a) prevents complete disconnection from the towing vehicle in the event of an accidental disconnection of the primary coupling device; and

(b) prevents the tongue of the towed vehicle from dropping to the ground in the event that the primary coupling device becomes disconnected.

(2) The secondary coupling device mentioned in subsection (1) must not be attached to the primary coupling device.

(3) If the secondary coupling device is a cable or chain, it must be connected to the towed vehicle, looped under the tow bar and connected to the towing vehicle.

(4) The secondary coupling device must have a breaking strength of not less than the GVW of all towed vehicles and any load carried on those vehicles.

6 Jne 2014 SR 46/2014 s39.

Mudflaps

255.928(1) The vehicle must have fenders or mudflaps for the full width of the tires that reduce the rearward projection of mud, gravel, water and snow from the tires.

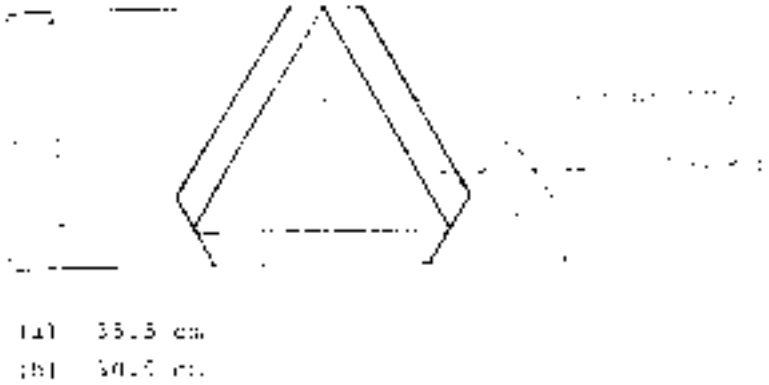
(2) Subsection (1) does not apply if the vehicle is only operated on a dry paved surface.

6 Jne 2014 SR 46/2014 s39.

Appendix

FORM A

Slow Moving Vehicle Warning Device



4 Sep 87 cV-2.1 Reg 10.

FORM B

Overdimensional Sign — Power Unit

Repealed. 18 May 2012 SR 29/2012 s10.

FORM C

Overdimensional Sign — Pilot Car

Repealed. 18 May 2012 SR 29/2012 s10.

TABLE 1
[*Section 2(3)*]

0.80 millimetres is equal to 1/32 inch
1.50 millimetres is equal to .060 inch
1.60 millimetres is equal to 1/16 inch
2.25 millimetres is equal to .090 inch
3.00 millimetres is equal to .120 inch
3.20 millimetres is equal to 1/8 inch
4.70 millimetres is equal to .185 inch
4.80 millimetres is equal to 3/16 inch
6.40 millimetres is equal to 1/4 inch
8.00 millimetres is equal to 5/16 inch
9.60 millimetres is equal to 3/8 inch
12.80 millimetres is equal to 1/2 inch
25.60 millimetres is equal to 1 inch
32.00 millimetres is equal to 1 1/4 inches
38.40 millimetres is equal to 1 1/2 inches
40.00 millimetres is equal to 1 9/16 inches
44.80 millimetres is equal to 1.75 inches
51.20 millimetres is equal to 2 inches
64.00 millimetres is equal to 2.5 inches
15 kPa is equal to 2 psi
20 kPa is equal to 3 psi
30 kPa is equal to 4 psi
35 kPa is equal to 5 psi
80 kPa is equal to 12 psi
160 kPa is equal to 25 psi
315 kPa is equal to 45 psi
350 kPa is equal to 60 psi
600 kPa is equal to 100 psi
3600 Newtons is equal to 800 pounds

4 Sep 87 cV-2.1 Reg 10.

TABLE 2
[*Sections 45 and 185*]

Length Maximum current	*0 - 6 m* Gauge	*6.001 - 12 m* Gauge	*Over 12 m* Gauge
4 amps	16	16	14
6 amps	16	14	14
8 amps	16	14	12
10 amps	16	12	12
15 amps	14	12	10
24 amps	12	10	8
50 amps	10	6	4

4 Sep 87 cV-2.1 Reg 10.

TABLE 3
[*Sections 24 and 178*]

Clamp Type Brake Chambers

Type	**Outside Diameter**	**Brake Adjustment Limit**
6	4 1/2" (114 mm)	1 1/4" (31.8 mm)
9	5 1/4" (133 mm)	1 3/8" (34.9 mm)
12	5 11/16" (145 mm)	1 3/8" (34.9 mm)
16	6 3/8" (162 mm)	1 3/4" (44.5 mm)
20	6 25/32" (172 mm)	1 3/4" (44.5 mm)
24	7 7/32" (184 mm)	1 3/4" (44.5 mm)
30	8 3/32" (206 mm)	2" (50.8 mm)
36	9" (229 mm)	2 1/4" (57.2 mm)

"Long Stroke" Clamp Type Brake Chambers

Type	**Outside Diameter**	**Brake Adjustment Limit**
12	5 11/16" (145 mm)	1 3/4" (44.5 mm)
16	6 3/8" (162 mm)	2" (50.8 mm)
20 (2.5" rated stroke)	6 25/32" (172 mm)	2" (50.8 mm)
20 (3" rated stroke)	6 25/32" (172 mm)	2 1/2" (63.5 mm)
24 (2.5" rated stroke)	7 7/32" (184 mm)	2" (50.8 mm)
24 (3" rated stroke)	7 7/32" (184 mm)	2 1/2" (63.5 mm)
30	8 3/32" (206 mm)	2 1/2" (63.5 mm)

Bolt Type Brake Chambers

Type	Outside Diameter	Brake Adjustment Limit
A	6 15/16" (176 mm)	1 3/8" (34.9 mm)
B	9 3/16" (234 mm)	1 3/4" (44.5 mm)
C	8 1/16" (205 mm)	1 3/4" (44.5 mm)
D	5 1/4" (133 mm)	1 1/4" (31.8 mm)
E	6 3/16" (157 mm)	1 3/8" (34.9 mm)
F	11" (279 mm)	2 1/4" (57.2 mm)
G	9 7/8" (251 mm)	2" (50.8 mm)

Rotochamber

Type	Outside Diameter	Brake Adjustment Limit
9	4 9/32" (109 mm)	1 1/2" (38.1 mm)
12	4 13/16" (122 mm)	1 1/2" (38.1 mm)
16	5 13/32" (138 mm)	2" (50.8 mm)
20	5 15/16" (151 mm)	2" (50.8 mm)
24	6 13/32" (163 mm)	2" (50.8 mm)
30	7 1/16" (180 mm)	2 1/4" (57.2 mm)
36	7 5/8" (194 mm)	2 3/4" (69.9 mm)
50	8 7/8" (226 mm)	3 (76.2 mm)

DD-3 Brake Chambers

Type	Outside Diameter	Brake Adjustment Limit
30	8 1/8" (206 mm)	2 1/4" (57.2 mm)

4 Aug 2017 SR 84/2017 s2.

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