

Item and Method of Inspection	Reject If
1. Tire Compliance and Safety Markings	
<p>a) sidewall markings</p> <p>Required information:</p> <ul style="list-style-type: none"> i) the tire size designation, expressed in metric units or Imperial units or both; ii) the maximum permissible inflation pressure, expressed in kilopascals or pounds per square inch or both; iii) the maximum load rating, expressed in kilograms or pounds or both; iv) the generic name of the material used in the cord of the sidewall and tread; v) the actual number of plies in the sidewall and, if different, the actual number of plies in the tread; vi) a word or expression indicating that the tire contains a tube or does not contain a tube, as the case may be, and vii) the word “radial” if the tire is a radial ply tire. <p>b) sidewall markings: at least one sidewall of the tire must display</p> <p>Required information:</p> <ul style="list-style-type: none"> i) the name of the tire manufacturer, or ii) the brand name of the tire and the symbols that identify the tire manufacturer. <p>In addition to the information set out in (1), every tire that has a maximum permissible inflation pressure of 415 kPa (60 p.s.i.) shall have permanently and legibly moulded into or onto both sidewalls of the tire, in letters and numerals not less than 12 mm (0.5 in.) in height, words expressing a maximum permissible inflation pressure in kilopascals or in pounds per square inch, or both, between shoulder and bead of the tire in such a manner that the words are not obstructed by the rim flange.</p>	<p>a) required information is not permanently and legibly moulded into or onto both sidewalls of the tire, in letters and numerals not less than 2.0 mm (3/32 in.) in height</p> <p>b) at least one sidewall does not display required information</p> <p>Required inflation information not displayed, or not displayed as required.</p>

All inspection procedures are visual unless additional inspection procedures are indicated or where applied force is necessary to verify tightness and/or component security.

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2. Tread Depth	
<p>With the use of a tire tread depth gauge, measure tread depth on all tires throughout a continuous circumferential band on the tread of at least 3/4 of the tread width.</p> <p>Manually inspect:</p> <ul style="list-style-type: none"> a) condition b) studded tires <p>THE BC MOTOR VEHICLE ACT REGULATIONS PROHIBIT THE USE OF STUDDERED TIRES BETWEEN MAY 1 AND SEPTEMBER 30.</p>	<ul style="list-style-type: none"> a) less than 1.6 mm (1/16 in.) of tread, wear bars are exposed b) equipped with studded tires in violation of BC MVAR.
	<p><u>OUT OF SERVICE</u></p> <p>i) Less than 0.8 mm (1/32 in.) of tread on tire.</p>
3. Tread Section	
<p>Inspect for:</p> <ul style="list-style-type: none"> a) retreads (Licenced Passenger Transportation Vehicle) b) damage c) separation (to observe, spin wheel by hand) d) re-grooving (if not marked re-groovable) e) tread condition f) repairs 	<ul style="list-style-type: none"> a) any re-treaded tire located on a front steering wheel b) any cuts evident below tread depth, cuts into cords, any chunking greater than 25 mm (1 in.) c) any separation is evident d) has been re-grooved e) any flat spots or cupping to wear bars or tread is less than 1.8 mm (1/16 in.) f) any section repairs
	<p><u>OUT OF SERVICE</u></p> <p>i) Any part of breaker strip or casing ply is showing in the tread area.</p> <p>ii) Visible bump or bulge in the tread area indicating separation.</p>

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4. Sidewalls	
a) cords b) condition c) damage d) type	a) cords exposed b) bulged c) has any cuts longer than 25 mm (1 in.) to cord layer, crack or weather crack in excess of 3 mm (1/8 in.) in depth which exposes cord wrap layer d) tires on any one axle are a different size or are mixed radial with bias, labelled not for highway use
	<u>OUT OF SERVICE</u> i) Sidewall is cut or damaged thereby exposing the cord. ii) Any tire labelled “Not for Highway Use.” iii) Bias and radial tires on the same axle. iv) Visible bump or bulge in the sidewall area indicating separation.
5. Tire type	
a) examine for tire type	a) equipped with both bias ply and radial ply tires, unless the vehicle operates on more than 4 wheels in which case bias ply tires and radial ply tires shall not be used on the same axle
	<u>OUT OF SERVICE</u> i) Any tire that is part of a single wheel mount on any vehicle has any part of the breaker strip or carcass ply showing in the tread, or worn-through plies on the sidewall. ii) A tire is marked “Not For Highway Use” or otherwise marked and having a like meaning except Slow Moving Vehicles carrying a Slow Moving Vehicle triangle. iii) Any tire load exceeds the Tire and Rim Association Handbook limitation or the tire manufacturer’s load limit marked on the sidewall, whichever is the lesser.

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6. Wheels	
<p>If wheels are removed the nuts must be torqued.</p> <ul style="list-style-type: none"> a) rims b) studs c) wheel nuts d) homemade or manufactured rim/wheel e) centre-lock knock off type 	<ul style="list-style-type: none"> a) improperly matched, bent, crooked, loose, welded, cracked, elongated stud holes, more than 1.5 mm (1/16 in.) run-out b) broken, cracked, cross-threaded, threads stripped c) cracked, cross-threaded, threads stripped, not full thread engagement, not correct type for wheel d) welded and not stamped certified by Transport Canada or The Tire and Rim Association e) loose hub spines
	<p><u>OUT OF SERVICE</u></p> <ul style="list-style-type: none"> i) Any wheel nut or stud is missing, loose and/or broken. ii) Loose wheel.

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