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# **Replacement Guidelines for Passenger and Light Truck Tires**

*P-Metric and European Metric*

*LT Metric, LT High Flotation/Wide Base, and Numeric  
(through Load Range "E")*

## **CONTENTS**

<b>Purpose</b> .....	<b>2</b>
<b>For Your Information</b> .....	<b>2</b>
<i>The Sidewall Story</i>	
<i>Vehicle Tire Placard Examples</i>	
<b>Replacement Guidelines</b> .....	<b>3 - 7</b>
<i>What Tire Is Right for the Vehicle</i> .....	<b>3</b>
<i>Tire Size, Inflation &amp; Load</i> .....	<b>3</b>
<i>Tire Mixing</i> .....	<b>4</b>
<i>Replacing Less Than Four Tires</i> .....	<b>4</b>
<i>Tire Rim/Wheel Selection</i> .....	<b>5</b>
<i>Tire, Vehicle Clearance &amp; Tire Diameter</i> .....	<b>5</b>
<i>Tire Mounting</i> .....	<b>6</b>
<i>Plus Sizing</i> .....	<b>6</b>
<b>Important Considerations</b> .....	<b>7</b>
<b>Endnotes</b> .....	<b>8</b>

## **SUPPLEMENT .....Attached**

Supplement Includes: Approved Rim Widths, LT Load/Inflation Tables, Obsolete data tables







## TIRE RIM/WHEEL SELECTION

### IMPORTANT

Always use approved tire and rim combinations for diameters and contours<sup>7</sup>.

Tires should only be mounted on approved rim widths (for more information, refer to tables in the Supplement). Figures 1 and 2 illustrate examples of series profile and rim width, respectively.

- Always check to be certain that the diameter designation for both tire and rim are the same. For example, a P235/75R16 tire must be mounted on a 16-inch rim (see the rim **WARNINGS** below).
- If replacement tires or rims/wheels are of a different size from the OE, be sure that the outside circumference of all four tires is within the accepted tolerance of the vehicle manufacturer.
- Never exceed the maximum pressure and/or load capacity of the rim/wheel.

Figure 1. Series Profile Example

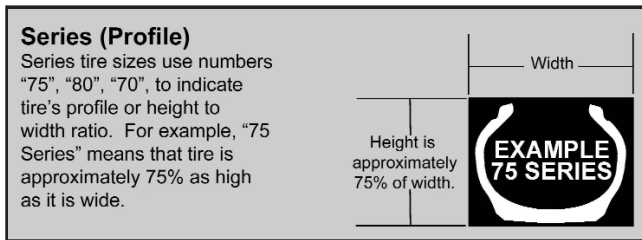
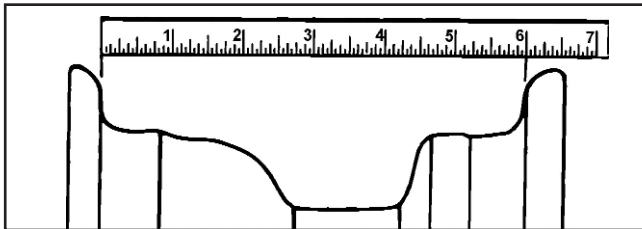


Figure 2. Example of a 6" Rim Width



### WARNING

High pressure "T" type temporary spare tires should not be used with any other rims/wheels, nor should standard tires, snow tires, wheel covers, or trim rings be used with the high pressure "T" type temporary spare rim/wheel. A "T" type temporary spare tire and wheel assembly should never be used on a vehicle with which it is not compatible, nor should more than one such tire ever be placed on any vehicle at a given time. Standard tires or snow tires should NOT be mounted on a high pressure compact spare wheel.

Mismatch of the tire and/or rim parts may cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death.

## TIRE, VEHICLE CLEARANCE & TIRE DIAMETER

Acceptable load index, load capacity, and/or overall diameter do not imply acceptable vehicle clearance. Body and chassis clearance must be checked on the vehicle's front and rear axles. If replacement tires or rims are of a different size from the original equipment, all four (4) wheel positions must be checked for proper clearance in the fender well, brake components, shock towers, other suspension components, etc. These wheel positions must be checked for full suspension jounce and rebound. Steering tires must be checked in full left and right turns. Also, check to be sure that the outside circumference of all four tires is within the accepted tolerance of the vehicle manufacturer<sup>5</sup>.

### WARNING

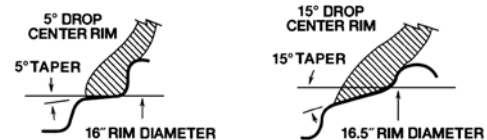
There is a danger of serious injury or death if a tire of one bead diameter is installed on a rim or wheel of a different rim diameter.

ALWAYS replace a tire with another tire of exactly the same bead diameter as the diameter of the rim on which it will be mounted.

For example: a 16" tire goes on a 16" rim. NEVER mount a 16" tire on a 16.5" rim. A 16.5" tire ONLY goes on a 16.5" rim. NEVER mount a 16.5" tire on a 16" rim.

While it is possible to pass a 16" diameter tire over the lip or flange of a 16.5" size diameter rim, it CANNOT be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflating, the tire will break with explosive force and could cause serious injury or death.

Rims of different diameters and tapers CANNOT be interchanged. The following diagram illustrates the difference between rims of two different tapers and diameters.



The following diagram shows how beads of a 16" tire will not seat on a 16.5" rim. The beads CANNOT be forced out against the rim flanges by using more air pressure because this will break the beads and the tire will explode with force sufficient to cause serious injury or death.



## TIRE MOUNTING

- Mount tires only on approved rim widths (see Supplement).
- Follow recommended mounting and demounting procedures<sup>6</sup>.
- Never inflate beyond 40 psi (air pressure) to seat beads<sup>6</sup>.
- See **WARNING** under "Important Considerations" on p. 7.

## PLUS SIZING

Plus sizing for light vehicles in the after-market is primarily based on the following tire/wheel characteristics:

- 1) Maintain overall tire diameter of the OE tires;
- 2) Increase the tire section width (contact patch/footprint becomes shorter and wider);
- 3) Decrease the series profile (a.k.a. aspect ratio or section height);
- 4) Increase the rim/wheel diameter.

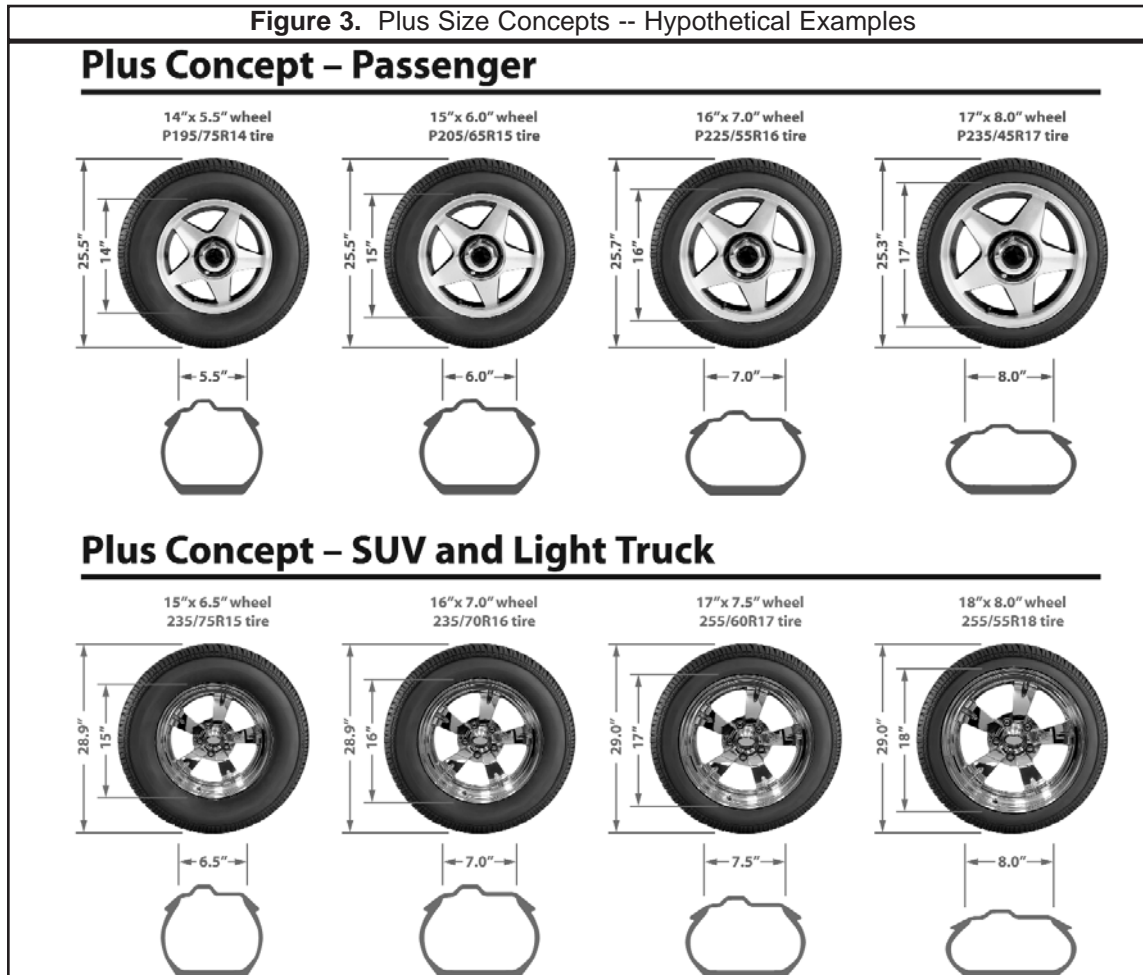
Plus sizing is generally conveyed in terms of "Plus 1", "Plus 2", "Plus 3", etc. Examples of plus sizing is illustrated in Figure 3. If tire fitments other than the OE is desired, always consult vehicle and tire manufacturers' recommendations and consider the following:

- **Aspect Ratio:** Additional consideration should be made for substitute tires that are lower in aspect ratio than the OE tire fitments. Lower aspect ratio tires typically aid performance and handling, but they may provide a less comfortable ride. High performance, low aspect ratio tires may also wear more quickly and produce

more noise during operation. Low aspect ratio tires -- and their rim/wheel assembly -- are more susceptible to damage from road hazards and pothole/curb impact.

- **Overall Diameter<sup>5</sup>:** Check to be sure that the overall diameter of all four tires is within the accepted tolerance of the vehicle manufacturer. (See "Endnotes" on p. 8.)
- **Inflation Pressure<sup>5</sup>:** Check to see if it needs to be adjusted. (See "Important Considerations" at right and "Endnotes" on p. 8.)
- **Load Carrying Capacity:** Must be equal to or higher than the OE fitment.
- **Speed Symbol/Category:** Must be equal to or higher than the OE fitment if the speed capability of the vehicle is to be maintained. (See "Important Considerations" at right.)
- **Rim Width/Off-Set:** Check OE/rim manufacturer's recommendations.
- **Rim/Wheel Selection:** Never exceed the maximum pressure and/or load capacity of the rim/wheel.
- **Vehicle Clearances:** Steering tires must be checked in full left and right turns. All wheel positions should be checked for proper clearance in fender wells, brake components, shock towers, and other suspension components. These wheel positions must be checked for full suspension jounce and rebound.
- **Vehicle Modifications:** Lift kits and other types of suspension alterations or use of tires not approved by the vehicle or tire manufacturer can adversely affect vehicle handling and stability.
- **State/Local Laws:** Check to be sure that the fitment complies with any state/local regulations.

Figure 3. Plus Size Concepts -- Hypothetical Examples



# Important Considerations



TIRE CHANGING CAN BE DANGEROUS AND SHOULD BE DONE BY TRAINED PERSONNEL USING PROPER TOOLS AND PROCEDURES. ALWAYS READ AND UNDERSTAND ANY MANUFACTURER'S WARNING CONTAINED IN THEIR CUSTOMERS' LITERATURE OR MOLDED INTO THE TIRE SIDEWALL.

Failure to comply with these procedures may result in faulty positioning of the tire and or rim parts and cause the assembly to burst with explosive force, sufficient to cause serious physical injury or death. Never mount or use damaged tires or rims.

## **Inflation Pressure: OE vs. Replacement**

Fitment of a new tire (other than the OE size) on the vehicle may require a higher inflation pressure than specified on the vehicle tire placard to adequately carry the load. If so, the installer should inform the owner of the new required inflation pressure. The installer should also place a sticker or decal next to the vehicle tire placard showing the new tire size and inflation pressure requirements for future reference. You should never inflate a tire below the recommended pressure shown on the vehicle's tire placard.

**NOTE:** Be sure to maintain any difference in inflation pressures for front and rear tires as indicated on the vehicle's tire placard.

## **Standard Load (SL) vs. Reinforced or Extra-Load (XL) Fitments**

Some passenger tires have extra load capabilities. Generally, these tires will have "XL" or "Extra Load" or "Reinforced" molded on the sidewall of the tire. Special care should be exercised when considering reinforced or extra load ("XL") tires as substitutes for standard load ("SL") tires. A reinforced or "XL" tire offers higher maximum load capacity than a "SL" tire of the same size; **however:**

- "XL" tires require higher inflation pressure to attain the added load capacity. (See "Inflation Pressure" above.)
- For "XL" tires, an equal or greater load index is not always an adequate indicator of a tire's suitability for the load capacity. As a result, the maximum load capacity and inflation pressure, which is also molded on the tire sidewall, must be referenced.

## **Load Index**

- The load index is the number preceding the speed symbol on a tire's sidewall. For example, if the tire is labeled as P215/65R15 95H, then "95H" is the "service description" where "95" is the "load index".
- Tires with the same load index, regardless of tire size, will carry the same load, however they may require different inflation pressures. When considering tire load carrying capacity, the load index may not be used independently to determine replacement tire inflation pressures. An equal to or greater load index does not always correspond to equal or greater load carrying capacity at all inflation pressure settings. Please refer to the tire manufacturer's recommended inflation pressures for the tire selected (see "Inflation Pressure: OE vs. Replacement" above). This is particularly important when comparing P-metric and non-P-Metric tires.

## **Speed Rating**<sup>1,4</sup>

- Speed rating of the tire must be equal to or greater than what is specified by the vehicle tire placard, or owner's manual, if the speed capability of the vehicle is to be maintained. For example, if the tire is labeled as P215/65R15 95H, then "95H" is the "service description" where "H" is the "speed symbol".
- If replacement tires have lower speed capability than specified by the vehicle manufacturer's recommendations, the vehicle's speed must be restricted to that of the replacement tire. Also, vehicle handling could be affected. Consult vehicle or tire manufacturers.
- If the vehicle manufacturer's recommendations do not call for speed rated tires, replacement tires may be speed rated if desired.
- If installing winter/snow tires and if the vehicle placard specifies speed rated tires, winter/snow tires of equivalent or greater speed rating must be fitted if the speed capability of the vehicle is to be maintained<sup>1,4</sup>. For cases where the winter/snow tires' speed rating cannot match the OE tire, it is generally acceptable to apply a winter/snow tire with a lower speed rating than the OE tire; however, the vehicle speed is to be restricted to that of the replacement tire. Refer to the vehicle owner's manual for specific recommendations and/or restrictions regarding winter/snow tires<sup>2</sup>.

## **Tire Size Designation Differences Between Passenger and Light Truck Tires**

Passenger Tires: P-Metric, European Metric

Light Truck Tires: LT-Metric, High Flotation/Wide Base, and Numeric

These groups of tires have differences in their load and inflation characteristics, including some differences in their load capacity if they are applied to a passenger car versus a light truck. Vehicle handling may be affected when passenger tires are replaced with LT tires. Therefore, it is necessary to carefully consider these differences when considering a replacement tire that is not the same as the OE size.

## **IMPORTANT**

Unless otherwise specified by the vehicle manufacturer, it is not recommended to replace OE LT-metric, High Flotation/Wide Base, or Numeric tires with P-metric (e.g. P205/60R15) or European metric tires (e.g. 205/60R15). Please note that European Metric tires do not have a "P" in the size designation.

# Endnotes

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- 1 Also see RMA Tire Information Service Bulletin Vol. 25 *Speed Ratings for Passenger and Light Truck Tires*.
- 2 Also see RMA Tire Information Service Bulletin Vol. 42 *Winter/Snow Tires and Studded Winter/Snow Tires*.
- 3 Most states have time limits on the use of studded tires. Before installing, check with state and local regulations.
- 4 Tire speed ratings do not imply that vehicles can be safely driven at the maximum speed for which the tire is rated, particularly under adverse road and weather conditions, or if the vehicle has unusual characteristics. Never operate a vehicle in an unsafe or unlawful manner.
- 5 Differences in overall diameter or inflation pressure may affect vehicle handling as well as the following vehicle readings: speedometer; odometer; ABS; tire pressure monitoring system; 4WD / AWD / traction control; and other electronic readings. To maintain accuracy, corrections of these readings may be necessary. Compare the nominal dimensions of placard and candidate replacement sizes. Check the vehicle manufacturer's recommendations.
- 6 For proper mounting procedures, see RMA's *Demounting and Mounting Procedures for Automobile and Light Truck (LT) Tires* wall chart (applies to tires that are being used on single-piece rims).  
**NOTE:** Certain unique tire fitments (e.g. run-flat tires) may require more than 40 psi to seat the beads; bead seating pressures beyond 40 psi should only be applied to specific products authorized by the tire manufacturer and done in accordance with the tire manufacturer's safety procedures and other recommendations.
- 7 This means approved tire and rim combinations that are established and approved by the appropriate industry standards organizations including the Tire & Rim Association, Inc., European Tyre and Rim Technical Organisation, Japan Automobile Tyre Manufacturers Association, Inc.; or by the tire manufacturer. For more information on approved rim widths, refer to the attached *Replacement Guidelines Supplement*.

# # #

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# ***Replacement Guidelines for Passenger and Light Truck Tires***

## ***SUPPLEMENT***

SAMPLE

### **CONTENTS**

<b>Approved Rim Widths.....</b>	<b>2 - 11</b>
<i>Passenger Tires</i>	
<i>P-Metric .....</i>	<i>2 - 4</i>
<i>European Metric .....</i>	<i>4 - 8</i>
<i>Light Truck Tires</i>	
<i>LT Metric.....</i>	<i>9 - 10</i>
<i>LT Numeric, Flotation (Wide Base).....</i>	<i>11</i>
<i>LT 16.5 (Obsolete Standard) .....</i>	<i>12</i>
<b>Light Truck Load/Inflation Tables .....</b>	<b>13 - 21</b>
<b>Obsolete Standard for Light Truck Tires .....</b>	<b>22 - 24</b>

## APPROVED RIM WIDTHS\*

### P-Metric Tire Sizes

		Rim Widths >> (in inches) >>																	
		3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	12	13	14
SIZE	SERIES																		
P145	80	X	X	X	X														
P155	80		X	X	X														
	70		X	X	X														
P165	80		X	X	X	X													
	70		X	X	X	X													
	65			X	X	X	X												
P175	80			X	X	X	X												
	75			X	X	X	X												
	70			X	X	X	X												
	65				X	X	X												
	60				X	X	X												
	50				X	X	X												
P185	80			X	X	X	X												
	75			X	X	X	X												
	70			X	X	X	X												
	65				X	X	X	X											
	60				X	X	X	X											
P195	75				X	X	X	X											
	70				X	X	X	X											
	65					X	X	X	X										
	60					X	X	X	X										
	55					X	X	X	X										
	50					X	X	X	X										
P205	75				X	X	X	X											
	70				X	X	X	X											
	65					X	X	X	X	X									
	60					X	X	X	X	X									
	55					X	X	X	X	X									
	50					X	X	X	X	X									
	45							X	X	X									
	40								X	X	X								
P215	75					X	X	X	X										
	70					X	X	X	X										
	65						X	X	X	X									
	60						X	X	X	X									
	55						X	X	X	X									
	50						X	X	X	X									
	45								X	X	X								
	40								X	X	X	X							
	35								X	X	X	X							

\* SOURCE: Tire and Rim Association 2004 Yearbook

## APPROVED RIM WIDTHS\*

### P-Metric Tire Sizes

Rim Widths >> (in inches) >>		3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	12	13	14
SIZE	SERIES																		
P225	75						X	X	X	X									
	70						X	X	X	X									
	65						X	X	X	X	X								
	60						X	X	X	X	X								
	55						X	X	X	X	X								
	50						X	X	X	X	X								
	45								X	X	X	X							
	40									X	X	X	X						
P235	75						X	X	X	X	X								
	70						X	X	X	X	X								
	65							X	X	X	X	X							
	60							X	X	X	X	X							
	55							X	X	X	X	X							
	50							X	X	X	X	X							
	45									X	X	X	X						
	40										X	X	X	X					
P245	75							X	X	X	X	X							
	70							X	X	X	X	X							
	65								X	X	X	X	X						
	60								X	X	X	X	X						
	50								X	X	X	X	X						
	45									X	X	X	X						
	40										X	X	X	X					
	35											X	X	X	X				
P255	75							X	X	X	X	X							
	70							X	X	X	X	X							
	65								X	X	X	X	X						
	60								X	X	X	X	X						
	55								X	X	X	X	X						
	50								X	X	X	X	X						
	45										X	X	X	X					
	40											X	X	X	X				
35												X	X	X	X				
P265	75								X	X	X	X	X						
	70								X	X	X	X	X						
	65*									X	X	X	X	X					
	60**									X	X	X	X	X					
	55									X	X	X	X	X					
	50									X	X	X	X	X					
	45											X	X	X	X				
	40												X	X	X	X			
35													X	X	X	X			

\* P265/60R18 approved rim widths are 7", 7.5" 8", 8.5", 9", 9.5"

\*\* P265/65R18 approved rim widths are 8", 8.5", 9", 9.5"

## APPROVED RIM WIDTHS\*

### P-Metric Tire Sizes

Rim Widths >> (in inches) >>		3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	12	13	14
SIZE	SERIES																		
P275	70								X	X	X	X	X						
	65									X	X	X	X	X					
	60									X	X	X	X	X					
	55									X	X	X	X	X					
	50									X	X	X	X	X					
	45											X	X	X	X				
	40												X	X	X	X			
	35												X	X	X	X			
P285	70									X	X	X	X	X					
	65										X	X	X	X	X				
	60										X	X	X	X	X				
	55										X	X	X	X	X				
	50										X	X	X	X	X				
	40*													X	X	X			
	35													X	X	X			
* P285/40R18 approved rim widths are 9.5", 10", 10.5", 11"																			
P295	65										X	X	X	X	X				
	60										X	X	X	X	X				
	50										X	X	X	X	X				
	45												X	X	X	X			
	40													X	X	X	X		
	35														X	X	X		
P305	50											X	X	X	X	X			
	45												X	X	X	X			
	40													X	X	X			
P315	60											X	X	X	X	X			
	45													X	X	X			
	40														X	X			
	35															X	X		
	30																X	X	
P325	50												X	X	X	X	X		
P335	35															X	X	X	
	30																X	X	
P345	55														X	X	X		
	30*																	X	X
* P345/30R19 approved rim widths are 12", 12.5", 13", 13.5", 14"																			

\* SOURCE: Tire and Rim Association 2004 Yearbook

**APPROVED RIM WIDTHS\***  
**European Metric Tire Sizes**

Rim Widths >> (in inches) >>		3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	
SIZE	SERIES																							
125	80	X	X	X																				
135	80		X	X	X																			
	70		X	X	X																			
145	80		X	X	X	X																		
	70		X	X	X	X																		
	65			X	X	X																		
	60			X	X	X																		
155	80			X	X	X																		
	70			X	X	X																		
	65				X	X	X																	
	60				X	X	X																	
165	80			X	X	X	X																	
	75			X	X	X																		
	70			X	X	X	X																	
	65				X	X	X	X																
	60				X	X	X	X																
	55				X	X	X	X																
	50				X	X	X	X																
	45					X	X	X																
175	80				X	X	X	X																
	75				X	X	X	X																
	70				X	X	X	X																
	65					X	X	X																
	60					X	X	X																
	55					X	X	X	X															
	50					X	X	X	X															
	45						X	X	X															
185	80				X	X	X	X																
	75				X	X	X	X																
	70				X	X	X	X																
	65					X	X	X	X															
	60					X	X	X	X															
	55					X	X	X	X															
	50					X	X	X	X															
	45							X	X	X														
195	80					X	X	X	X															
	75					X	X	X	X															
	70					X	X	X	X															
	65						X	X	X	X														
	60						X	X	X	X														
	55						X	X	X	X														
	50						X	X	X	X														
	45							X	X	X	X													
	40								X	X	X													

\* SOURCE: European Tyre and Rim Technical Organisation 2004 Yearbook

**APPROVED RIM WIDTHS\***  
**European Metric Tire Sizes**

Rim Widths >> (in inches) >>		3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	
SIZE	SERIES																							
205	80					X	X	X	X	X														
	75					X	X	X	X	X														
	70					X	X	X	X	X														
	65						X	X	X	X	X													
	60						X	X	X	X	X													
	55						X	X	X	X	X													
	50						X	X	X	X	X													
	45								X	X	X													
	40									X	X	X												
215	80						X	X	X	X														
	75						X	X	X	X														
	70						X	X	X	X														
	65							X	X	X	X													
	60							X	X	X	X													
	55							X	X	X	X													
	50							X	X	X	X													
	45									X	X	X												
	40									X	X	X	X											
	35									X	X	X	X											
225	75							X	X	X	X													
	70							X	X	X	X													
	65							X	X	X	X	X												
	60							X	X	X	X	X												
	55							X	X	X	X	X												
	50							X	X	X	X	X												
	45									X	X	X	X											
	40									X	X	X	X	X										
	35									X	X	X	X	X										
	30											X												
235	80							X	X	X	X	X												
	75							X	X	X	X	X												
	70							X	X	X	X	X												
	65								X	X	X	X	X											
	60								X	X	X	X	X											
	55								X	X	X	X	X											
	50								X	X	X	X	X											
	45										X	X	X	X										
	40											X	X	X	X									
	35											X	X	X	X									
245	75								X	X	X	X												
	70								X	X	X	X												
	65									X	X	X	X											
	60									X	X	X	X											
	55									X	X	X	X											
	50									X	X	X	X											
	45										X	X	X	X										
	40											X	X	X	X									
	35											X	X	X	X									
	30											X	X	X										

\* SOURCE: European Tyre and Rim Technical Organisation 2004 Yearbook

**APPROVED RIM WIDTHS\***  
**European Metric Tire Sizes**

Rim Widths >> (in inches) >>		3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	
SIZE	SERIES																							
255	75								X	X	X	X	X											
	70								X	X	X	X	X											
	65									X	X	X	X	X										
	60									X	X	X	X	X										
	55									X	X	X	X	X										
	50									X	X	X	X	X										
	45											X	X	X	X									
	40												X	X	X	X								
	35													X	X	X	X							
	30													X	X	X								
265	75									X	X	X	X	X										
	70									X	X	X	X	X										
	65										X	X	X	X	X									
	60										X	X	X	X	X									
	55										X	X	X	X	X									
	50										X	X	X	X	X									
	45												X	X	X	X								
	40													X	X	X	X							
	35														X	X	X	X						
	30														X	X	X							
275	80									X	X	X	X	X										
	70									X	X	X	X	X										
	65										X	X	X	X	X									
	60										X	X	X	X	X									
	55										X	X	X	X	X									
	50										X	X	X	X	X									
	45												X	X	X	X		X						
	40													X	X	X	X	X		X				
	35													X	X	X	X	X		X				
	30													X	X	X								
25															X									
285	65											X	X	X	X	X								
	60											X	X	X	X	X								
	55											X	X	X	X	X								
	50											X	X	X	X	X								
	45													X	X	X	X							
	40														X	X	X	X		X				
	35														X	X	X	X		X				
	30														X	X	X							
25																X								
295	50											X	X	X	X	X	X							
	45														X	X	X	X		X				
	40															X	X	X	X		X			
	35															X	X	X	X		X			
	30															X	X	X						
	25															X	X	X						

\* SOURCE: European Tyre and Rim Technical Organisation 2004 Yearbook

**APPROVED RIM WIDTHS\***

**European Metric Tire Sizes**

Rim Widths >> (in inches) >>		3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5
SIZE	SERIES																						
305	60												X	X	X	X	X	X	X				
	50												X	X	X	X	X	X					
	45														X	X	X	X	X				
	40															X	X	X	X	X	X		
	35															X	X	X	X	X	X		
	30																X	X	X				
	25																X	X	X				
315	40																X	X	X	X	X		
	35																X	X	X	X	X		
	30																X	X	X				
	25																	X	X	X			
325	50													X	X	X	X	X	X				
	40																	X	X	X	X	X	
	30																	X	X	X			
	25																		X	X	X		
335	35																	X	X	X	X	X	
	30																		X	X	X		
	25																		X	X	X		
345	60															X	X	X	X	X			
	35																		X	X	X	X	X
	30																		X	X	X		
	25																			X	X	X	
355	25																				X	X	X

SAMPLE

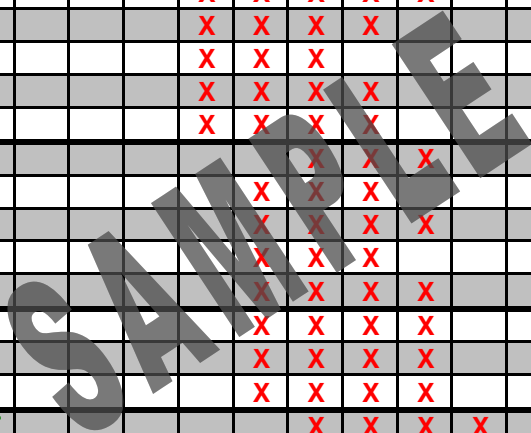
\* SOURCE: European Tyre and Rim Technical Organisation 2004 Yearbook



**APPROVED RIM WIDTHS\***

**Light Truck Metric Tires**

			Rim Widths >> (in inches) >>																
SIZE	SERIES	RIM	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	12	13	14
LT175	75	14	X	X	X														
LT185	75	14	X	X	X	X													
LT195	75	14		X	X	X													
	75	15			X	X													
LT205	70	14		X	X	X	X												
	75	15			X	X	X												
LT215	70	14, 16			X	X	X	X											
	75	14, 15			X	X	X	X											
	80	15			X	X	X	X											
	85	16			X	X	X	X											
LT225	70	16				X	X	X											
	75	15, 16				X	X	X											
LT235	60	17									X								
	70	15				X	X	X	X	X									
	70	16				X	X	X	X										
	75	15				X	X	X											
	80	17				X	X	X	X										
	85	16				X	X	X	X										
LT245	65	15, 17						X	X	X									
	70	15, 16					X	X	X										
	70	17					X	X	X	X									
	75	15, 17					X	X	X										
	75	16					X	X	X	X									
LT255	70	15, 16					X	X	X	X									
	75	15					X	X	X	X									
	85	16					X	X	X	X									
LT265	70	15, 16, 17						X	X	X	X								
	75	15						X	X	X	X								
	75	16						X	X	X									
LT275	65	18							X	X	X	X							
	65	20							X	X	X	X	X						
	70	16, 17, 18						X	X	X	X								
LT285	55	20								X	X	X	X	X					
	60	16								X	X	X	X						
	60	17								X	X	X							
	65	18								X	X	X	X	X					
	70	15, 17							X	X	X	X							
	75	16							X	X	X	X							
	75	17							X	X	X	X	X						
LT295	75	16							X	X	X	X	X						



\* SOURCE: Tire and Rim Association 2004 Yearbook

**APPROVED RIM WIDTHS\***

**Light Truck Metric Tires**

Rim Widths >> (in inches) >>			4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	12	13	14
SIZE	SERIES	RIM																	
LT305	70	16, 17								X	X	X	X						
LT315	55	16								X	X	X	X	X					
	70	15, 16								X	X	X	X	X					
	70	18									X	X	X	X					
	75	16								X	X	X	X	X					
LT325	55	22										X	X	X	X	X	X		
	60	15										X	X	X		X			
	60	18, 20										X	X	X		X	X		
	65	18										X	X	X		X	X		
	80	16								X	X	X	X	X		X			
LT345	55	16, 17												X		X	X		
LT355	55	16										X	X	X		X	X		
	70	16										X	X	X		X	X		
	70	17										X	X	X	X	X	X		
LT365	70	16											X	X		X			
LT375	50	18												X		X	X	X	
	55	16												X		X	X	X	
	60	18												X		X	X	X	
	65	16												X		X	X	X	
LT395	65	18														X	X	X	X
	70	16												X		X	X		

SAMPLE

\* SOURCE: Tire and Rim Association 2004 Yearbook

Replacement Guidelines for Passenger and Light Truck Tires - SUPPLEMENT

**APPROVED RIM WIDTHS\***

**Numeric and High Flootation  
(Wide Base) Light Truck Tires**

		<b>Rim Widths &gt;&gt; (in inches) &gt;&gt;</b>	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	12	13	
<b>SIZE</b>																		
<b>NUMERIC LT</b>	<b>BIAS</b>	6.50-16 LT	X	X		X												
		6.70-15 LT	X	X	X	X												
		7.00-15 LT		X	X	X	X											
		7.50-16 LT			X	X	X	X										
	<b>RADIAL</b>	6.50 R16 LT	X	X		X												
		6.70 R15 LT	X	X	X	X												
		7.00 R15 LT		X	X	X	X											
		7.50 R16 LT			X	X	X	X										
<b>HIGH FLOTATION (OR WIDE BASE) TIRES</b>	27x8.50 R14 LT				X	X	X	X										
	29x9.50 R15 LT					X	X	X	X	X								
	30x9.50 R15 LT					X	X	X	X	X								
	33x9.50 R15 LT					X	X	X	X	X								
	31x10.50 R15 LT						X	X	X	X	X							
	33x10.50 R15 LT						X	X	X	X	X							
	31x11.50 R15 LT								X	X	X			X				
	32x11.50 R15 LT								X	X	X			X				
	31x12.50 R15 LT									X	X	X	X	X	X			
	33x12.50 R15 LT									X	X		X	X				
	35x12.50 R15 LT									X	X		X	X				
	37x12.50 R15 LT									X	X		X	X				
	33x12.50 R17 LT									X	X	X	X	X				
	35x12.50 R17 LT									X	X		X	X				
	37x12.50 R17 LT									X	X		X	X				
	37x12.50 R18 LT									X	X	X	X	X				
	37x12.50 R20 LT									X	X	X	X	X				
	35x12.50 R18 LT									X	X		X	X				
	35x13.50 R15 LT									X	X	X	X	X				
	35x13.50 R18 LT									X	X	X	X	X				
	37x13.50 R15 LT									X	X	X	X	X				
	37x13.50 R17 LT									X	X	X	X	X				
	37x13.50 R18 LT									X	X	X	X	X				
	40x13.50 R17 LT									X	X	X	X	X				
	36x14.50 R17 LT													X	X	X		
	36x14.50 R18 LT													X	X	X		
	33x15.50 R15 LT														X	X	X	
	36x15.50 R15 LT														X	X	X	
	38x15.50 R15 LT														X	X	X	
	38x15.50 R17 LT														X	X	X	
	38x15.50 R18 LT														X	X	X	

\* SOURCE: Tire and Rim Association 2004 Yearbook

**APPROVED RIM WIDTHS\***

**16.5 Light Truck**

Obsolete Standard								
Rim Widths >> (in inches) >>	6.00	6.75	7.50	8.25	9.75	10.50	11.25	12.00
SIZE								
8.00-16.5 LT 8.00R16.5 LT	X	X						
8.75-16.5 LT 8.75R16.5 LT	X	X						
9.50-16.5 LT 9.50R16.5 LT		X		X				
10.00-16.5 LT 10.00R16.5 LT				X				
12.00-16.5 LT 12.00R16.5 LT				X	X			
30x9.50 R16.5 LT		X	X	X				
31x10.50 R16.5 LT				X				
31x11.50 R16.5 LT				X	X			
33x12.50 R16.5 LT				X	X	X		
37x12.50 R16.5 LT				X				
36x14.50 R16.5 LT					X	X	X	X
37x14.50 R16.5 LT					X	X	X	X

\* Source: Tire and Rim Association 2004 Yearbook

**LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS  
AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE**  
CUSTOMARY UNITS RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS  
**TABLE LTM-4A** TIRE AND RIM ASSOCIATION STANDARD

TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
		35	40	45	50	55	60	65	70	75	80
<b>50 SERIES</b>											
LT375/50R18	DUAL	2150	2300	2500	2755	2875	3060	<b>3195 (E)</b> <sup>121</sup>			
	SINGLE	2335	2530	2745	3000	3160	3360	<b>3525 (E)</b> <sup>124</sup>			
<b>55 SERIES</b>											
LT315/55R16	SINGLE	1875	2020	2195	<b>2405 (D)</b> <sup>111</sup>						
LT345/55R16	SINGLE	2150	2325	2525	<b>2755 (D)</b> <sup>116</sup>						
LT375/55R16	DUAL	2270	2395	2600	2835	2990	3175	<b>3415 (E)</b> <sup>123</sup>			
	SINGLE	2470	2630	2855	3085	3285	3490	<b>3750 (E)</b> <sup>126</sup>			
LT345/55R17	SINGLE	2270	2410	2620	<b>2835 (D)</b> <sup>117</sup>						
LT285/55R20	DUAL	1685	1845	2005	2205	2305	2455	<b>2600 (D)</b> <sup>114</sup>			
	SINGLE	1850	2030	2205	2405	2535	2700	<b>2835 (D)</b> <sup>117</sup>			
LT325/55R22	DUAL	2270	2375	2580	<b>2835 (D)</b> <sup>117</sup>						
	SINGLE	2470	2610	2835	<b>3085 (D)</b> <sup>120</sup>						
<b>60 SERIES</b>											
LT325/60R15	SINGLE	<b>2095 (C)</b> <sup>106</sup>									
LT285/60R16	SINGLE	1750	1920	2085	<b>2270 (C)</b> <sup>109</sup>						
LT235/60R17	DUAL	1250	1375	1490	1610	1720	1825	1930	2035	2135	<b>2270 (E)</b> <sup>109</sup>
	SINGLE	1375	1510	1640	1765	1890	2005	2150	2235	2345	<b>2470 (E)</b> <sup>112</sup>
LT285/60R17	SINGLE	1820	1995	2170	<b>2335 (C)</b> <sup>110</sup>						
LT325/60R18	DUAL	2150	2285	2480	2755	2855	3030	<b>3195 (E)</b> <sup>121</sup>			
	SINGLE	2335	2510	2725	3000	3135	3330	<b>3525 (E)</b> <sup>124</sup>			
LT375/60R18	DUAL	2680	2830	3070	<b>3305 (D)</b> <sup>122</sup>						
	SINGLE	2910	3110	3375	<b>3640 (D)</b> <sup>125</sup>						
LT325/60R20	DUAL	2335	2440	2655	<b>2910 (D)</b> <sup>118</sup>						
	SINGLE	2535	2680	2915	<b>3195 (D)</b> <sup>121</sup>						
<b>65 SERIES</b>											
LT245/65R15	SINGLE	1450	1595	1730	<b>1875 (C)</b> <sup>102</sup>						
LT375/65R16	DUAL	2680	2880	3125	<b>3415 (D)</b> <sup>123</sup>						
	SINGLE	2910	3165	3435	<b>3750 (D)</b> <sup>126</sup>						
LT245/65R17	DUAL	1435	1575	1705	<b>1875 (C)</b> <sup>102</sup>						
	SINGLE	1575	1730	1875	<b>2040 (C)</b> <sup>105</sup>						

(continued)

<b>LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE</b>											
<b>CUSTOMARY UNITS</b> <b>TABLE LTM-4A (continued)</b>		<b>RADIAL PLY TIRES MOUNTED ON 5<sup>0</sup> DROP CENTER RIMS</b> <b>TIRE AND RIM ASSOCIATION STANDARD</b>									
TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
		35	40	45	50	55	60	65	70	75	80
<b>65 SERIES (CONTINUED)</b>											
LT275/65R18	DUAL	1765	1940	2100	<b>2335 (C)</b> <sup>110</sup>	2420	2570	2755	2865	3010	<b>3085 (E)</b> <sup>120</sup>
	SINGLE	1940	2130	2310	<b>2535 (C)</b> <sup>113</sup>	2660	2825	3000	3150	3305	<b>3415 (E)</b> <sup>123</sup>
LT285/65R18	DUAL	1850	2035	2205	2335	2540	2700	<b>2910 (D)</b> <sup>118</sup>			
	SINGLE	2035	2235	2425	2600	2790	2965	<b>3195 (D)</b> <sup>121</sup>			
LT325/65R18	DUAL	2335	2470	2680	2910	3085	3275	<b>3525 (D)</b> <sup>124</sup>			
	SINGLE	2535	2715	2945	3195	3390	3600	<b>3860 (D)</b> <sup>127</sup>			
LT395/65R18	DUAL	<b>3085 (C)</b> <sup>120</sup>									
	SINGLE	<b>3415 (C)</b> <sup>123</sup>									
LT275/65R20	DUAL	1895	2075	2250	2470	2595	2755	2910	3070	3220	<b>3415 (E)</b> <sup>123</sup>
	SINGLE	2080	2280	2475	2680	2850	3030	3195	3375	3540	<b>3750 (E)</b> <sup>126</sup>
<b>70 SERIES</b>											
LT205/70R14	DUAL	1045	1150	1245	<b>1355 (C)</b> <sup>91</sup>	1440	1525	<b>1610 (D)</b> <sup>97</sup>	1700	1785	<b>1875 (E)</b> <sup>102</sup>
	SINGLE	1150	1265	1370	<b>1475 (C)</b> <sup>94</sup>	1580	1675	<b>1765 (D)</b> <sup>100</sup>	1870	1960	<b>2040 (E)</b> <sup>105</sup>
LT215/70R14	DUAL	1125	1235	1340	<b>1475 (C)</b> <sup>94</sup>						
	SINGLE	1235	1355	1470	<b>1610 (C)</b> <sup>97</sup>						
LT235/70R15	DUAL	1335	1465	1595	<b>1710 (C)</b> <sup>99</sup>	1830	1945	<b>2040 (D)</b> <sup>105</sup>	2165	2275	<b>2335 (E)</b> <sup>110</sup>
	SINGLE	1465	1610	1750	<b>1875 (C)</b> <sup>102</sup>	2010	2140	<b>2270 (D)</b> <sup>109</sup>	2380	2500	<b>2600 (E)</b> <sup>114</sup>
LT245/70R15	DUAL	1420	1555	1695	<b>1875 (C)</b> <sup>102</sup>						
	SINGLE	1560	1710	1860	<b>2040 (C)</b> <sup>105</sup>						
LT255/70R15	DUAL	1505	1650	1795	<b>1930 (C)</b> <sup>103</sup>						
	SINGLE	1655	1815	1970	<b>2150 (C)</b> <sup>107</sup>						
LT265/70R15	DUAL	1595	1750	1900	<b>2040 (C)</b> <sup>105</sup>						
	SINGLE	1750	1925	2090	<b>2270 (C)</b> <sup>109</sup>						
LT285/70R15	DUAL	1780	1950	2120	<b>2335 (C)</b> <sup>110</sup>	2440	2595	<b>2755 (D)</b> <sup>116</sup>			
	SINGLE	1955	2145	2330	<b>2535 (C)</b> <sup>113</sup>	2680	2850	<b>3000 (D)</b> <sup>119</sup>			
LT315/70R15	DUAL	<b>2150 (C)</b> <sup>107</sup>	2275	2470	<b>2680 (D)</b> <sup>115</sup>						
	SINGLE	<b>2335 (C)</b> <sup>110</sup>	2500	2715	<b>2910 (D)</b> <sup>118</sup>						
LT215/70R16	DUAL	1220	1340	1455	<b>1610 (C)</b> <sup>97</sup>						
	SINGLE	1340	1475	1600	<b>1765 (C)</b> <sup>100</sup>						
LT225/70R16	DUAL	1305	1435	1555	<b>1710 (C)</b> <sup>99</sup>						
	SINGLE	1435	1575	1710	<b>1875 (C)</b> <sup>102</sup>						
LT235/70R16	DUAL	1390	1525	1655	<b>1820 (C)</b> <sup>101</sup>	1905	2030	<b>2150 (D)</b> <sup>107</sup>			
	SINGLE	1525	1675	1820	<b>1985 (C)</b> <sup>104</sup>	2095	2230	<b>2335 (D)</b> <sup>110</sup>			

(continued)

<b>LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE</b>											
<b>CUSTOMARY UNITS</b> <b>TABLE LTM-4A (continued)</b>		<b>RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS</b> <b>TIRE AND RIM ASSOCIATION STANDARD</b>									
TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
		35	40	45	50	55	60	65	70	75	80
<b>70 SERIES (CONTINUED)</b>											
LT245/70R16	DUAL	1475	1620	1760	<b>1930 (C)</b> <sup>103</sup>	2025	2150	<b>2335 (D)</b> <sup>110</sup>			
	SINGLE	1620	1780	1935	<b>2095 (C)</b> <sup>106</sup>	2225	2365	<b>2535 (D)</b> <sup>113</sup>			
LT255/70R16	DUAL	1565	1720	1865	<b>1985 (C)</b> <sup>104</sup>	2150	2285	<b>2470 (D)</b> <sup>112</sup>			
	SINGLE	1720	1890	2050	<b>2205 (C)</b> <sup>108</sup>	2360	2510	<b>2680 (D)</b> <sup>115</sup>			
LT265/70R16	DUAL	1655	1820	1975	<b>2150 (C)</b> <sup>107</sup>	2275	2415	<b>2600 (D)</b> <sup>114</sup>			
	SINGLE	1820	2000	2170	<b>2335 (C)</b> <sup>110</sup>	2500	2655	<b>2835 (D)</b> <sup>117</sup>			
LT275/70R16	DUAL	1750	1920	2090	<b>2270 (C)</b> <sup>109</sup>	2400	2555	<b>2755 (D)</b> <sup>116</sup>			
	SINGLE	1925	2110	2295	<b>2470 (C)</b> <sup>112</sup>	2640	2805	<b>3000 (D)</b> <sup>119</sup>			
LT305/70R16	DUAL	2040	2245	2440	<b>2680 (D)</b> <sup>115</sup>	2805	2980	<b>3195 (E)</b> <sup>121</sup>	3320	3485	<b>3640 (F)</b> <sup>125</sup>
	SINGLE	2270	2465	2680	<b>2910 (D)</b> <sup>118</sup>	3085	3275	<b>3525 (E)</b> <sup>124</sup>	3650	3830	<b>3970 (F)</b> <sup>128</sup>
LT315/70R16	DUAL	2205	2355	2560	<b>2835 (D)</b> <sup>117</sup>						
	SINGLE	2405	2590	2815	<b>3085 (D)</b> <sup>120</sup>						
LT355/70R16	DUAL	2680	2835	3075	<b>3305 (D)</b> <sup>122</sup>						
	SINGLE	2910	3115	3380	<b>3640 (D)</b> <sup>125</sup>						
LT365/70R16	DUAL	2755	2960	3210	<b>3525 (D)</b> <sup>124</sup>						
	SINGLE	3000	3250	3530	<b>3860 (D)</b> <sup>127</sup>						
LT395/70R16	DUAL	<b>3085 (C)</b> <sup>120</sup>									
	SINGLE	<b>3415 (C)</b> <sup>123</sup>									
LT245/70R17	DUAL	1540	1690	1830	<b>1985 (C)</b> <sup>104</sup>	2105	2240	<b>2335 (D)</b> <sup>110</sup>	2495	2615	<b>2755 (E)</b> <sup>116</sup>
	SINGLE	1690	1855	2010	2205	2315	2460	<b>2600 (D)</b> <sup>114</sup>	2740	2875	<b>3000 (E)</b> <sup>119</sup>
LT265/70R17	DUAL	1720	1890	2050	<b>2270 (C)</b> <sup>109</sup>	2360	2510	<b>2680 (D)</b> <sup>115</sup>	2735	2820	<b>2910 (E)</b> <sup>118</sup>
	SINGLE	1890	2075	2255	<b>2470 (C)</b> <sup>112</sup>	2595	2760	<b>2910 (D)</b> <sup>118</sup>	3005	3100	<b>3195 (E)</b> <sup>121</sup>
LT275/70R17	DUAL	1820	1995	2165	<b>2335 (C)</b> <sup>110</sup>						
	SINGLE	2000	2195	2380	<b>2600 (C)</b> <sup>114</sup>						
LT285/70R17	DUAL	1915	2105	2285	<b>2535 (C)</b> <sup>113</sup>	2630	2795	<b>2910 (D)</b> <sup>118</sup>			
	SINGLE	2105	2315	2510	<b>2755 (C)</b> <sup>116</sup>	2890	3070	<b>3195 (D)</b> <sup>121</sup>			
LT305/70R17	DUAL	2205	2370	2530	<b>2755 (D)</b> <sup>116</sup>						
	SINGLE	2405	2605	2780	<b>3000 (D)</b> <sup>119</sup>						
LT315/70R17	DUAL	2335	2445	2665	<b>2910 (D)</b> <sup>118</sup>						
	SINGLE	2535	2685	2915	<b>3195 (D)</b> <sup>121</sup>						
LT355/70R17	DUAL	2755	2805	2855	<b>2910 (D)</b> <sup>118</sup>						
	SINGLE	3000	3065	3130	<b>3195 (D)</b> <sup>121</sup>						
LT275/70R18	DUAL	1885	2065	2250	2470	2585	2750	2910	3060	3210	<b>3305 (E)</b> <sup>122</sup>
	SINGLE	2070	2270	2470	2680	2840	3020	3195	3360	3530	<b>3640 (E)</b> <sup>125</sup>

(continued)

<b>LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE</b> <b>CUSTOMARY UNITS</b> <b>TABLE LTM-4A (continued)</b>											
TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
		35	40	45	50	55	60	65	70	75	80
<b>75 SERIES</b>											
LT175/75R14	DUAL	870	955	1035	<b>1135 (C)</b> <sup>85</sup>						
	SINGLE	955	1050	1140	<b>1235 (C)</b> <sup>88</sup>						
LT185/75R14	DUAL	945	1035	1130	<b>1235 (C)</b> <sup>88</sup>						
	SINGLE	1040	1140	1240	<b>1355 (C)</b> <sup>91</sup>						
LT195/75R14	DUAL	1015	1115	1210	<b>1325 (C)</b> <sup>90</sup>	1390	1485	<b>1565 (D)</b> <sup>96</sup>			
	SINGLE	1115	1225	1330	<b>1435 (C)</b> <sup>93</sup>	1530	1630	<b>1710 (D)</b> <sup>99</sup>			
LT215/75R14	DUAL	1170	1290	1395	<b>1520 (C)</b> <sup>95</sup>	1605	1710	<b>1820 (D)</b> <sup>101</sup>			
	SINGLE	1285	1415	1535	<b>1655 (C)</b> <sup>98</sup>	1765	1880	<b>1985 (D)</b> <sup>104</sup>			
LT195/75R15	DUAL	1060	1165	1265	<b>1390 (C)</b> <sup>92</sup>						
	SINGLE	1165	1280	1390	<b>1520 (C)</b> <sup>95</sup>						
LT205/75R15	DUAL	1145	1260	1365	<b>1520 (C)</b> <sup>95</sup>	1575	1675	<b>1765 (D)</b> <sup>100</sup>			
	SINGLE	1260	1385	1500	<b>1655 (C)</b> <sup>98</sup>	1730	1840	<b>1930 (D)</b> <sup>103</sup>			
LT215/75R15	DUAL	1225	1340	1460	<b>1610 (C)</b> <sup>97</sup>	1680	1785	<b>1930 (D)</b> <sup>103</sup>			
	SINGLE	1345	1475	1605	<b>1765 (C)</b> <sup>100</sup>	1845	1960	<b>2095 (D)</b> <sup>106</sup>			
LT225/75R15	DUAL	1315	1440	1565	<b>1710 (C)</b> <sup>99</sup>	1800	1910	<b>1985 (D)</b> <sup>104</sup>			
	SINGLE	1445	1585	1720	<b>1875 (C)</b> <sup>102</sup>	1980	2100	<b>2205 (D)</b> <sup>108</sup>			
LT235/75R15	DUAL	1390	1530	1660	<b>1820 (C)</b> <sup>101</sup>	1910	2030	<b>2150 (D)</b> <sup>107</sup>	2265	2375	<b>2535 (E)</b> <sup>113</sup>
	SINGLE	1530	1680	1825	<b>1985 (C)</b> <sup>104</sup>	2100	2230	<b>2335 (D)</b> <sup>110</sup>	2490	2610	<b>2755 (E)</b> <sup>116</sup>
LT245/75R15	DUAL	1490	1635	1775	<b>1930 (C)</b> <sup>103</sup>						
	SINGLE	1635	1795	1950	<b>2150 (C)</b> <sup>107</sup>						
LT255/75R15	DUAL	1575	1730	1880	<b>2040 (C)</b> <sup>105</sup>						
	SINGLE	1730	1900	2065	<b>2270 (C)</b> <sup>109</sup>						
LT265/75R15	DUAL	1675	1840	1995	<b>2205 (C)</b> <sup>108</sup>						
	SINGLE	1840	2020	2195	<b>2405 (C)</b> <sup>111</sup>						
LT225/75R16	DUAL	1365	1500	1630	<b>1765 (C)</b> <sup>100</sup>	1875	1995	<b>2150 (D)</b> <sup>107</sup>	2220	2330	<b>2470 (E)</b> <sup>112</sup>
	SINGLE	1500	1650	1790	<b>1940 (C)</b> <sup>103</sup>	2060	2190	<b>2335 (D)</b> <sup>110</sup>	2440	2560	<b>2680 (E)</b> <sup>115</sup>
LT245/75R16	DUAL	1545	1695	1845	<b>2006 (C)</b> <sup>104</sup>	2125	2255	<b>2381 (D)</b> <sup>111</sup>	2515	2640	<b>2778 (E)</b> <sup>116</sup>
	SINGLE	1700	1865	2030	<b>2205 (C)</b> <sup>108</sup>	2335	2480	<b>2623 (D)</b> <sup>114</sup>	2765	2900	<b>3042 (E)</b> <sup>120</sup>

(continued)



**LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS  
AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE**  
**CUSTOMARY UNITS**  
**TABLE LTM-4A (continued)**

RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS  
TIRE AND RIM ASSOCIATION STANDARD

TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS (LBS.) AT VARIOUS COLD INFLATION PRESSURES (PSI)									
		35	40	45	50	55	60	65	70	75	80
<b>75 SERIES (CONTINUED)</b>											
LT265/75R16	DUAL	1740	1910	2075	<b>2270 (C)</b> <sup>109</sup>	2390	2540	<b>2755 (D)</b> <sup>116</sup>	2825	2965	<b>3085 (E)</b> <sup>120</sup>
	SINGLE	1910	2100	2280	<b>2470 (C)</b> <sup>112</sup>	2625	2790	<b>3000 (D)</b> <sup>119</sup>	3105	3260	<b>3415 (E)</b> <sup>123</sup>
LT285/75R16	DUAL	1940	2130	2310	<b>2535 (C)</b> <sup>113</sup>	2660	2830	<b>3000 (D)</b> <sup>119</sup>			
	SINGLE	2130	2340	2540	<b>2755 (C)</b> <sup>116</sup>	2925	3110	<b>3305 (D)</b> <sup>122</sup>			
LT295/75R16	DUAL	2040	2240	2430	<b>2680 (C)</b> <sup>115</sup>	2795	2965	<b>3085 (D)</b> <sup>120</sup>			
	SINGLE	2240	2460	2670	<b>2910 (C)</b> <sup>118</sup>	3070	3260	<b>3415 (D)</b> <sup>123</sup>			
LT315/75R16	SINGLE	<b>2535 (C)</b> <sup>113</sup>	2715	2950	<b>3195 (D)</b> <sup>121</sup>						
LT245/75R17	DUAL	1610	1770	1920	2040	2210	2360	2535	2640	2775	<b>2910 (E)</b> <sup>118</sup>
	SINGLE	1770	1945	2110	2270	2430	2595	2755	2900	3050	<b>3195 (E)</b> <sup>121</sup>
LT285/75R17	DUAL	2010	2210	2400	2600	2690	2800	<b>2910 (D)</b> <sup>118</sup>			
	SINGLE	2210	2430	2640	2835	2955	3075	<b>3195 (D)</b> <sup>121</sup>			
<b>80 SERIES</b>											
LT215/80R15	DUAL	1275	1395	1515	1655	1745	1855	<b>1930 (D)</b> <sup>103</sup>			
	SINGLE	1400	1535	1665	1820	1920	2040	<b>2150 (D)</b> <sup>107</sup>			
LT325/80R16	DUAL	2535	2705	2935	<b>3195 (D)</b> <sup>121</sup>						
	SINGLE	2755	2970	3225	<b>3525 (D)</b> <sup>124</sup>						
LT235/80R17	DUAL	1570	1725	1870	2040	2190	2315	2470	2560	2685	<b>2835 (E)</b> <sup>117</sup>
	SINGLE	1725	1895	2055	2270	2405	2545	2680	2815	2950	<b>3085 (E)</b> <sup>120</sup>
<b>85 SERIES</b>											
LT215/85R16	DUAL	1360	1490	1625	<b>1765 (C)</b> <sup>100</sup>	1865	1985	<b>2150 (D)</b> <sup>107</sup>	2210	2320	<b>2470 (E)</b> <sup>112</sup>
	SINGLE	1495	1640	1785	<b>1940 (C)</b> <sup>103</sup>	2050	2180	<b>2335 (D)</b> <sup>110</sup>	2430	2550	<b>2680 (E)</b> <sup>115</sup>
LT235/85R16	DUAL	1545	1700	1845	<b>2006 (C)</b> <sup>104</sup>	2125	2260	<b>2381 (D)</b> <sup>111</sup>	2515	2645	<b>2778 (E)</b> <sup>116</sup>
	SINGLE	1700	1870	2030	<b>2205 (C)</b> <sup>108</sup>	2335	2485	<b>2623 (D)</b> <sup>114</sup>	2765	2905	<b>3042 (E)</b> <sup>120</sup>
LT255/85R16	DUAL	1745	1920	2085	<b>2270 (C)</b> <sup>109</sup>	2400	2550	<b>2755 (D)</b> <sup>116</sup>			
	SINGLE	1920	2110	2290	<b>2470 (C)</b> <sup>112</sup>	2635	2800	<b>3000 (D)</b> <sup>119</sup>			

NOTES 1: Letters in parentheses denote Load Range for which Bold Face Loads are maximum. Numbers after Load Range parentheses are international Load Index numbers.

2: General Data shown on Page 2-16 thru 2-21.

**IMPORTANT** - For Tire Load and inflation requirements at various speeds, see Page 2-04.  
 - For Rim and Wheel load information, see Page 2-05.  
 - ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS.  
 SEE PAGES 2-16 THROUGH 2-21 FOR APPROVED TIRE AND RIM COMBINATIONS.

**RADIAL PLY  
LIGHT TRUCK HIGH FLOTATION TIRES  
FOR TRUCKS, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES IN NORMAL HIGHWAY SERVICE  
TABLE LTF-2**

TIRE SIZE DESIGNATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES						
	kPa <i>psi</i>	170 25	210 30	250 35	280 40	310 45	350 50
27x8.50R14LT	kg <i>lbs.</i>	425 940	490 1075	<b>545(B)</b> <sup>87</sup> <b>1200(B)</b>	590 1305	640 1415	<b>690(C)</b> <sup>95</sup> <b>1520(C)</b>
29x9.50R15LT	kg <i>lbs.</i>	515 1135	585 1290	<b>650(B)</b> <sup>93</sup> <b>1435(B)</b>	715 1575	770 1700	<b>825(C)</b> <sup>101</sup> <b>1820(C)</b>
30x9.50R15LT	kg <i>lbs.</i>	560 1240	640 1410	<b>710(B)</b> <sup>96</sup> <b>1565(B)</b>	780 1715	840 1855	<b>900(C)</b> <sup>104</sup> <b>1985(C)</b>
33x9.50R15LT	kg <i>lbs.</i>	710 1565	805 1780	900 <b>1980</b>	985 2170	1065 2345	<b>1150(C)</b> <sup>113</sup> <b>2535(C)</b>
31x10.50R15LT	kg <i>lbs.</i>	635 1400	725 1595	<b>800(B)</b> <sup>100</sup> <b>1765(B)</b>	880 1945	955 2100	<b>1030(C)</b> <sup>109</sup> <b>2270(C)</b>
33x10.50R15LT	kg <i>lbs.</i>	740 1630	840 1855	<b>925(B)</b> <sup>105</sup> <b>2040(B)</b>	1025 2260	1110 2445	<b>1180(C)</b> <sup>114</sup> <b>2600(C)</b>
31x11.50R15LT	kg <i>lbs.</i>	660 1455	755 1660	<b>825(B)</b> <sup>101</sup> <b>1820(B)</b>	915 2020	990 2185	<b>1060(C)</b> <sup>110</sup> <b>2335(C)</b>
32x11.50R15LT	kg <i>lbs.</i>	715 1575	815 1795	<b>900(B)</b> <sup>104</sup> <b>1985(B)</b>	990 2185	1070 2360	<b>1150(C)</b> <sup>113</sup> <b>2535(C)</b>
31x12.50R15LT	kg <i>lbs.</i>	690 1520	780 1715	<b>875(C)</b> <sup>103</sup> <b>1930(C)</b>			
33x12.50R15LT	kg <i>lbs.</i>	<b>800 (B)</b> <sup>100</sup> <b>1765 (B)</b>	905 2000	<b>1000(C)</b> <sup>108</sup> <b>2205(C)</b>			
35x12.50R15LT	kg <i>lbs.</i>	925 2040	1040 2295	<b>1150(C)</b> <sup>113</sup> <b>2535(C)</b>			
37x12.50R15LT	kg <i>lbs.</i>	<b>1030 (B)</b> <sup>109</sup> <b>2270 (B)</b>	1180 2600	<b>1320(C)</b> <sup>118</sup> <b>2910(C)</b>			

See notes on page 2-24

(continued)

**RADIAL PLY  
LIGHT TRUCK HIGH FLOTATION TIRES  
FOR TRUCKS, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES IN NORMAL HIGHWAY SERVICE**

**TABLE LTF-2 (continued)**

TIRE SIZE DESIGNATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES						
	kPa	170	210	250	280	310	350
	psi	25	30	35	40	45	50
33x12.50R17LT	kg lbs.	730 1610	840 1850	<b>925 (C)</b> <b>2040 (C)</b> <sup>105</sup>	1025 2255	1105 2440	<b>1180 (D)</b> <b>2600 (D)</b> <sup>114</sup>
35x12.50R17LT	kg lbs.	850 1875	980 2155	<b>1090 (C)</b> <b>2405 (C)</b> <sup>111</sup>	1190 2625	1290 2840	<b>1360 (D)</b> <b>3000 (D)</b> <sup>119</sup>
37x12.50R17LT	kg lbs.	975 2150	1120 2470	<b>1250 (C)</b> <b>2755 (C)</b> <sup>116</sup>	1365 3005	1475 3250	<b>1600 (D)</b> <b>3525 (D)</b> <sup>124</sup>
35x12.50R18LT	kg lbs.	825 1820	940 2075	1060 2335	1150 2530	1240 2735	<b>1320 (D)</b> <b>2910 (D)</b> <sup>118</sup>
37x12.50R18LT	kg lbs.	950 2095	1085 2395	1215 2680	1320 2915	1430 3150	<b>1550 (D)</b> <b>3415 (D)</b> <sup>123</sup>
37x12.50R20LT	kg lbs.	875 1930	1010 2225	1120 2470	1225 2705	1325 2925	<b>1400 (D)</b> <b>3085 (D)</b> <sup>120</sup>
35x13.50R15LT	kg lbs.	950 2095	1075 2370	<b>1180 (C)</b> <b>2600 (C)</b> <sup>114</sup>			
37x13.50R15LT	kg lbs.	1060 2335	1220 2690	<b>1360 (C)</b> <b>3000 (C)</b> <sup>119</sup>			
37x13.50R17LT	kg lbs.	1000 2205	1155 2550	1285 2835	1340 2955	1395 3075	<b>1450 (D)</b> <b>3195 (D)</b> <sup>121</sup>
38x13.50R17LT	kg lbs.	1090 2405	1230 2715	<b>1360 (C)</b> <b>3000 (C)</b> <sup>119</sup>			
40x13.50R17LT	kg lbs.	1215 2680	1385 3055	<b>1450 (C)</b> <b>3195 (C)</b> <sup>121</sup>			

See Notes on page 2-24.

(continued)

**RADIAL PLY  
LIGHT TRUCK HIGH FLOTATION TIRES  
FOR TRUCKS, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES IN NORMAL HIGHWAY SERVICE**

**TABLE LTF-2 (continued)**

TIRE SIZE DESIGNATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES						
	kPa	170	210	250	280	310	350
	<i>psi</i>	25	30	35	40	45	50
35x13.50R18LT	kg <i>lbs.</i>	850 1875	970 2140	1090 2405	1180 2605	1275 2815	<b>1360 (D)</b> <sup>119</sup> <b>3000 (D)</b>
37x13.50R18LT	kg <i>lbs.</i>	975 2150	1120 2470	1250 2755	1365 3005	1475 3250	<b>1600 (D)</b> <sup>124</sup> <b>3525 (D)</b>
36x14.50R15LT	kg <i>lbs.</i>	<b>1030 (B)</b> <sup>109</sup> <b>2270 (B)</b>	1185 2610	<b>1320 (C)</b> <sup>118</sup> <b>2910 (C)</b>			
36x14.50R17LT	kg <i>lbs.</i>	975 2150	1115 2455	1250 2755	1315 2900	1385 3050	<b>1450 (D)</b> <sup>121</sup> <b>3195 (D)</b>
36x14.50R18LT	kg <i>lbs.</i>	950 2095	1075 2370	1180 2600	1310 2885	1415 3115	<b>1500 (D)</b> <sup>122</sup> <b>3305 (D)</b>
33x15.50R15LT	kg <i>lbs.</i>	875 1930	990 2185	<b>1090 (C)</b> <sup>111</sup> <b>2405 (C)</b>			
36x15.50R15LT	kg <i>lbs.</i>	1060 2335	1220 2690	<b>1360 (C)</b> <sup>119</sup> <b>3000 (C)</b>			
38x15.50R15LT	kg <i>lbs.</i>	1215 2680	1380 3040	<b>1550 (C)</b> <sup>123</sup> <b>3415 (C)</b>			
38x15.50R17LT	kg <i>lbs.</i>	1150 2535	1310 2885	<b>1450 (C)</b> <sup>121</sup> <b>3195 (C)</b>			
38x15.50R18LT	kg <i>lbs.</i>	1120 2470	1270 2800	1400 3085	1545 3405	1670 3685	<b>1800 (D)</b> <sup>128</sup> <b>3970 (D)</b>

NOTES 1: Letters in parentheses denote Load Range for which Bold Face Loads are maximum. Numbers after Load Range parentheses are international Load Index numbers.  
2: General Data shown on pages 2-25, 2-26 and 2-27.

**LIGHT TRUCK TIRES  
FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES  
USED IN NORMAL HIGHWAY SERVICE  
TIRES MOUNTED ON 5° DROP CENTER RIMS  
TIRE AND RIM ASSOCIATION STANDARD**

**TABLE LT-2**

TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES										
		kPa	250	280	310	350	380	410	450	480	520	550
		psi	35	40	45	50	55	60	65	70	75	80
		kPa	210	250	280	310	350	380	410	450	480	520
		psi	30	35	40	45	50	55	60	65	70	75
6.50*16LT	DUAL	kg	510	555	600	<b>650(C)</b> <sup>93</sup>	680	720	<b>750(D)</b> <sup>98</sup>	795	830	<b>875(E)</b> <sup>103</sup>
		lbs.	1120	1225	1320	<b>1435(C)</b>	1500	1590	<b>1655(D)</b>	1750	1830	<b>1930(E)</b>
	SINGLE	kg	575	630	680	<b>730(C)</b> <sup>97</sup>	775	815	<b>875(D)</b> <sup>103</sup>	905	945	<b>975(E)</b> <sup>107</sup>
		lbs.	1270	1390	1500	<b>1610(C)</b>	1710	1800	<b>1930(D)</b>	1990	2080	<b>2150(E)</b>
6.70*15LT	DUAL	kg	480	530	575	<b>615(C)</b> <sup>91</sup>	655	690	<b>730(D)</b> <sup>97</sup>	760	795	<b>825(E)</b> <sup>101</sup>
		lbs.	1060	1170	1265	<b>1355(C)</b>	1440	1520	<b>1610(D)</b>	1670	1750	<b>1820(E)</b>
	SINGLE	kg	550	600	650	<b>690(C)</b> <sup>95</sup>	740	780	<b>825(D)</b> <sup>101</sup>	860	900	<b>925(E)</b> <sup>105</sup>
		lbs.	1210	1320	1430	<b>1520(C)</b>	1630	1720	<b>1820(D)</b>	1900	1980	<b>2040(E)</b>
7.00*15LT	DUAL	kg	540	595	645	<b>690(C)</b> <sup>95</sup>	735	780	<b>825(D)</b> <sup>101</sup>	850	890	<b>925(E)</b> <sup>105</sup>
		lbs.	1190	1310	1420	<b>1520(C)</b>	1620	1715	<b>1820(D)</b>	1870	1960	<b>2040(E)</b>
	SINGLE	kg	610	670	730	<b>775(C)</b> <sup>99</sup>	830	880	<b>925(D)</b> <sup>105</sup>	965	1005	<b>1060(E)</b> <sup>110</sup>
		lbs.	1350	1480	1610	<b>1710(C)</b>	1830	1940	<b>2040(D)</b>	2130	2220	<b>2335(E)</b>
7.50*16LT	DUAL	kg	650	710	765	<b>825(C)</b> <sup>101</sup>	875	925	<b>975(D)</b> <sup>107</sup>	1020	1065	<b>1120(E)</b> <sup>112</sup>
		lbs.	1430	1565	1690	<b>1820(C)</b>	1930	2040	<b>2150(D)</b>	2245	2345	<b>2470(E)</b>
	SINGLE	kg	735	805	875	<b>925(C)</b> <sup>105</sup>	995	1050	<b>1120(D)</b> <sup>112</sup>	1160	1210	<b>1250(E)</b> <sup>116</sup>
		lbs.	1620	1770	1930	<b>2040(C)</b>	2190	2310	<b>2470(D)</b>	2560	2670	<b>2755(E)</b>

\*Tire size designation will include "R" (Radial Ply) or "-" (Diagonal or Bias Ply).

NOTES 1: Letters in parentheses denote Load Range for which Bold Face Loads are maximum. Numbers after Load Range parentheses are international Load Index numbers.

2: General Data shown on Page 2-29.

**IMPORTANT** -For Tire Load and Inflation requirements at various speeds, see Page 2-04.

-For rim and wheel load information, see Page 2-05.

-ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS. SEE PAGE 2-29 FOR APPROVED TIRE AND RIM CONTOURS.

**OBSOLETE STANDARD  
LIGHT TRUCK WIDE BASE TIRES FOR TRUCKS, BUSES, TRAILERS AND  
MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE  
TIRES MOUNTED ON 15° DROP CENTER RIMS  
TIRE AND RIM ASSOCIATION STANDARD**

**TABLE WBLT-1C**

TIRE SIZE DESIGNATION	S I N G L E (D)	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES													
		RADIAL PLY													
		kPa	240	280	310	340	380	410	450	480	520	550	590	620	660
psi	35	40	45	50	55	60	65	70	75	80	85	90	95		
DIAGONAL (BIAS) PLY															
kPa	210	240	280	310	340	380	410	450	480	520	550	590	620		
psi	30	35	40	45	50	55	60	65	70	75	80	85	90		
8.00*16.5LT	D	kPa	540	595	640	<b>690(C)</b> <sup>95</sup>	735	775	<b>825(D)</b> <sup>101</sup>	855	895	<b>925(E)</b> <sup>105</sup>	965	1000	<b>1030(F)</b> <sup>109</sup>
		lbs.	1195	1310	1415	<b>1520(C)</b>	1620	1710	<b>1820(D)</b>	1885	1970	<b>2040(E)</b>	2130	2200	<b>2270(F)</b>
8.75*16.5LT	S	kPa	615	675	730	<b>800(C)</b> <sup>100</sup>	835	880	<b>925(D)</b> <sup>105</sup>	975	1020	<b>1060(E)</b> <sup>110</sup>	1100	1130	<b>1180(F)</b> <sup>114</sup>
		lbs.	1360	1490	1610	<b>1765(C)</b>	1840	1945	<b>2040(D)</b>	2145	2240	<b>2335(E)</b>	2420	2500	<b>2600(F)</b>
8.75*16.5LT	D	kPa	625	685	740	<b>800(C)</b> <sup>100</sup>	840	895	<b>950(D)</b> <sup>106</sup>	985	1030	<b>1090(E)</b> <sup>111</sup>	1110	1150	<b>1215(F)</b> <sup>115</sup>
		lbs.	1380	1515	1630	<b>1765(C)</b>	1855	1970	<b>2095(D)</b>	2175	2260	<b>2405(E)</b>	2450	2540	<b>2680(F)</b>
9.50*16.5LT	S	kPa	710	780	840	<b>900(C)</b> <sup>104</sup>	955	1020	<b>1090(D)</b> <sup>111</sup>	1120	1170	<b>1215(E)</b> <sup>115</sup>	1260	1310	<b>1360(F)</b> <sup>119</sup>
		lbs.	1570	1720	1850	<b>1985(C)</b>	2110	2240	<b>2405(D)</b>	2470	2570	<b>2680(E)</b>	2780	2880	<b>3000(F)</b>
9.50*16.5LT	D	kPa	740	810	875	<b>950(C)</b> <sup>106</sup>	1000	1060	<b>1120(D)</b> <sup>112</sup>	1170	1220	<b>1285(E)</b> <sup>117</sup>			
		lbs.	1635	1785	1925	<b>2095(C)</b>	2200	2330	<b>2470(D)</b>	2570	2685	<b>2835(E)</b>			
10*16.5LT	S	kPa	845	920	995	<b>1090(C)</b> <sup>111</sup>	1130	1200	<b>1285(D)</b> <sup>117</sup>	1320	1380	<b>1450(E)</b> <sup>121</sup>			
		lbs.	1860	2030	2190	<b>2405(C)</b>	2500	2650	<b>2835(D)</b>	2920	3050	<b>3195(E)</b>			
10*16.5LT	D	kPa	<b>730(B)</b> <sup>97</sup>	805	865	<b>925(C)</b> <sup>106</sup>	990	1050	<b>1120(D)</b> <sup>112</sup>	1150	1200	<b>1250(E)</b> <sup>116</sup>			
		lbs.	<b>1610(B)</b>	1770	1910	<b>2040(C)</b>	2180	2310	<b>2470(D)</b>	2540	2650	<b>2755(E)</b>			
12*16.5LT	S	kPa	<b>850(B)</b> <sup>102</sup>	910	985	<b>1060(C)</b> <sup>110</sup>	1120	1190	<b>1250(D)</b> <sup>116</sup>	1310	1370	<b>1450(E)</b> <sup>121</sup>			
		lbs.	<b>1875(B)</b>	2010	2170	<b>2335(C)</b>	2480	2620	<b>2755(D)</b>	2885	3010	<b>3195(E)</b>			
12*16.5LT	D	kPa	<b>950(B)</b> <sup>106</sup>	1030	1120	<b>1215(C)</b> <sup>115</sup>	1270	1350	<b>1450(D)</b> <sup>121</sup>	1490	1550	<b>1650(F)</b> <sup>125</sup>			
		lbs.	<b>2095(B)</b>	2280	2460	<b>2680(C)</b>	2810	2970	<b>3195(D)</b>	3275	3420	<b>3640(F)</b>			
12*16.5LT	S	kPa	<b>1090(B)</b> <sup>111</sup>	1170	1270	<b>1360(C)</b> <sup>119</sup>	1450	1530	<b>1650(D)</b> <sup>125</sup>	1690	1760	<b>1850(F)</b> <sup>129</sup>			
		lbs.	<b>2405(B)</b>	2590	2800	<b>3000(C)</b>	3190	3370	<b>3640(D)</b>	3720	3885	<b>4080(F)</b>			

\*Tire size designation will include "R" (Radial Ply) or "-" (Diagonal or Bias Ply)

NOTE 1: Letters in parentheses denote Load Range for which Bold Face Loads are maximum. International Load Index numbers are shown after Load Range.

2: The above loads were revised for the 2001 Year Book to comply with U. S. Federal regulations requiring S. I. unites. Previous loads are shown in 2000 Year Book.

**IMPORTANT** -For Tire Load and Inflation requirements at various speeds, see Page 2-04. For rim and wheel load information, see Page 2-05.

-ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS.

SEE PAGE S-23 FOR APPROVED TIRE AND RIM COMBINATIONS.

GENERAL DATA SHOWN ON PAGE S-23.



**OBSELETE STANDARD**  
**LIGHT TRUCK TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES**  
**USED IN NORMAL HIGHWAY SERVICE**  
**TIRES MOUNTED ON 15° DROP CENTER RIMS**  
**TIRE AND RIM ASSOCIATION STANDARD**

**TABLE STLT-1C**

TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES														
		kPa	240	280	310	340	380	410	450	480	520	550	590	620	660	690
		psi	35	40	45	50	55	60	65	70	75	80	85	90	95	100
8-14.5LT	DUAL	kg	605	650	700	745	785	825	865	<b>925(D)</b> <sup>105</sup>	945	980	<b>1030(E)</b> <sup>109</sup>	1050	1080	<b>1120(F)</b> <sup>112</sup>
		lbs.	1330	1430	1540	1640	1730	1820	1910	<b>2040(D)</b> <sup>105</sup>	2080	2160	<b>2270(E)</b> <sup>109</sup>	2310	2380	<b>2470(F)</b> <sup>112</sup>
8-14.5LT	SINGLE	kg	685	740	795	845	895	940	985	<b>1030(D)</b> <sup>109</sup>	1070	1110	<b>1150(E)</b> <sup>113</sup>	1190	1230	<b>1285(F)</b> <sup>117</sup>
		lbs.	1510	1630	1750	1860	1970	2070	2170	<b>2270(D)</b> <sup>109</sup>	2360	2450	<b>2535(E)</b> <sup>113</sup>	2620	2710	<b>2835(F)</b> <sup>117</sup>
9-14.5LT	DUAL	kg	700	755	805	855	910	955	1010	<b>1060(D)</b> <sup>110</sup>	1090	1130	<b>1180(E)</b> <sup>114</sup>	1215	1245	<b>1285(F)</b> <sup>117</sup>
		lbs.	1540	1660	1780	1890	2010	2110	2220	<b>2335(D)</b> <sup>110</sup>	2400	2490	<b>2600(E)</b> <sup>114</sup>	2680	2750	<b>2835(F)</b> <sup>117</sup>
9-14.5LT	SINGLE	kg	795	855	915	975	1035	1090	1140	<b>1215(D)</b> <sup>115</sup>	1240	1280	<b>1360(E)</b> <sup>119</sup>	1380	1420	<b>1500(F)</b> <sup>122</sup>
		lbs.	1750	1890	2020	2150	2280	2400	2510	<b>2680(D)</b> <sup>115</sup>	2730	2830	<b>3000(E)</b> <sup>119</sup>	3040	3130	<b>3305(F)</b> <sup>122</sup>
8-17.5LT	DUAL	kg	715	770	<b>825(C)</b> <sup>101</sup>	205	930	<b>975(D)</b> <sup>107</sup>	1030	1070	<b>1120(E)</b> <sup>112</sup>					
		lbs.	1575	1700	<b>1820(C)</b> <sup>101</sup>	450	2050	<b>2150(D)</b> <sup>107</sup>	2260	2360	<b>2470(E)</b> <sup>112</sup>					
8-17.5LT	SINGLE	kg	810	880	<b>950(C)</b> <sup>106</sup>	1000	1060	<b>1120(D)</b> <sup>112</sup>	1170	1220	<b>1285(E)</b> <sup>117</sup>					
		lbs.	1790	1940	<b>2095(C)</b> <sup>106</sup>	2205	2335	<b>2470(D)</b> <sup>112</sup>	2575	2685	<b>2835(E)</b> <sup>117</sup>					

NOTE 1: Letters in parentheses denote Load Range for which Bold Face Loads are maximum.  
 2: The above loads were revised for the 2001 Year Book to comply with U. S. Federal regulations requiring S. I. units. Previous loads are shown in 2000 Year Book.  
**IMPORTANT** - For Tire Load and Inflation requirements at various speeds, see page 2-04. For rim and wheel load information, see page 2-05.  
 - ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS.  
 SEE TABLE BELOW FOR APPROVED TIRE AND RIM COMBINATIONS.

**GENERAL DATA**

TIRE SIZE DESIGNATION	DESIGN RIM WIDTH	DESIGN NEW TIRE			MINIMUM SIZE FACTOR	MINIMUM DUAL SPACING	*MINIMUM FLAP WIDTH	TR TUBE VALVE	APPROVED RIM CONTOURS
		SECTION WIDTH	OVERALL DIAMETER						
			HIGHWAY TREAD	TRACTION TREAD					
8-14.5LT	6.00	8.00	27.82	--	35.32	--	6.7	15C W	6.00MH
9-14.5LT	7.00	9.50	28.00	--	36.95	--	7.7	15C W	7.00MH
8-17.5LT	5.25	7.85	31.02	31.46	38.31	9.2	6.0	15C W	5.25

\*Flaps are required with all rims with valve slots and are optional on rims with valve holes.

- NOTES 1: Rim valves for tubeless operation on drop center rims are shown in Section 9.  
 2: Tube size designation same as tire size designation. Consult page 9-02 for acceptable alternate valves.  
 3: Suggested flap size marking shall include rim diameter designation and flap width. Example: 17.5-6.0LT; 17.5 = Rim diameter designation, 6.0 = Flap width, LT - For light truck usage.  
 4: See page 2-05 for information on grown tires in service, use of tire chains, minimum size factor and tire width adjustments for alternate rim widths.

**IMPORTANT:** FOR RIM AND WHEEL LOAD INFORMATION, SEE PAGE 2-05.

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