



Load and Inflation Tables Table of Contents

Medium Truck Radials	92
Commercial Light Truck Radials	98

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Medium Commercial Truck Radials

RADIAL PLY TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON FLAT BASE RIMS

Tire Size Designation	USAGE	Tire Load Limits (kg./lb.) at various Cold Inflation Pressures (kPa/psi). Pressure Listed is the Minimum for the Load											
		kPa	480	520	550	590	620	660	690	720	760	790	830
		psi	70	75	80	85	90	95	100	105	110	115	120
11.00R15TR	DUAL	kg.	1820	1900	1970	2050	2120	2200	2270	2360(G)₁₃₈	2460	2560	2650(H)₁₄₂
		lb.	4000	4180	4350	4520	4680	4840	5000	5205(G)	5415	5625	5840(H)₁₄₂
11.00R20	SINGLE	kg.	1800	1970	2070	2160	2250	2340	2420	2500(G)₁₄₀	2600	2700	2800(H)₁₄₄
		lb.	4140	4350	4560	4770	4960	5150	5340	5510(G)	5730	5950	6175(H)₁₄₄
11.00R22	DUAL	kg.	2170	2260	2360	2450	2575(F)₁₄₁	2630	2680	2725(G)₁₄₃	2840	2960	3075(H)₁₄₇
		lb.	4780	4990	5190	5390	5675(F)₁₄₁	5785	5895	6005(G)	6265	6525	6780(H)₁₄₇
11.00R22	SINGLE	kg.	2240	2360	2470	2580	2725(F)₁₄₅	2820	2910	3000(G)₁₄₆	3120	3240	3350(H)₁₅₀
		lb.	4940	5200	5450	5690	6005(F)₁₄₅	6205	2910	6610(G)	3120	3240	7390(H)₁₅₀
11.00R24	DUAL	kg.	2300	2400	2500	2600	2650(F)₁₄₂	2770	2890	3000(G)₁₄₆	3080	3160	3250(H)₁₄₉
		lb.	5080	5300	5520	5730	5840(F)₁₄₂	5095	6350	6610(G)	6790	6970	7160(H)₁₄₉
11.00R24	SINGLE	kg.	2380	2500	2630	2740	2900(F)₁₄₅	3020	3140	3250(G)₁₄₉	3350	3450	3550(H)₁₅₀
		lb.	5240	5520	5790	6040	6395(F)₁₄₅	6650	6910	7160(G)	7380	7600	7830(H)₁₅₀
11.00R24	DUAL	kg.	2440	2550	2660	2760	2800(F)₁₄₄	2920	3040	3150(G)₁₄₈	3250	3350	3450(H)₁₅₁
		lb.	5390	5630	5860	6090	6175(F)₁₄₄	6430	6690	6940(G)	7160	7380	7610(H)₁₅₁
11.00R24	SINGLE	kg.	2440	2550	2660	2760	3075(F)₁₄₇	3200	3330	3450(G)₁₅₁	3550	3650	3750(H)₁₅₄
		lb.	5390	5630	5860	6090	6780(F)₁₄₇	7060	7340	7610(G)	7830	8050	8270(H)₁₅₄
12.00R20	DUAL	kg.	2470	2580	2680	2790	2880	3000(G)₁₄₆	3080	3160	3250(H)₁₄₉	3350	3450(J)₁₅₁
		lb.	5440	5680	5910	6140	6360	6610(G)	6790	6970	7160(H)	7390	7610(J)₁₅₁
12.00R20	SINGLE	kg.	2550	2690	2810	2940	3060	3250(G)₁₄₉	3350	3450	3550(H)₁₅₂	3650	3750(J)₁₅₄
		lb.	5620	5920	6200	6480	6740	7160(G)	7380	7600	7830(H)	8050	8270(J)
12.00R24	DUAL	kg.	2780	2860	3020	3140	3250	3350(G)₁₅₀	3450	3550	3650(H)₁₅₃	3760	3875(J)₁₅₅
		lb.	6120	6390	6650	6910	7160	7390(G)	7610	7830	8050(H)	8300	8540(J)
12.00R24	SINGLE	kg.	2870	3020	3170	3300	3440	3650(G)₁₅₃	3770	3890	4000(H)₁₅₆	4130	4250(J)₁₅₈
		lb.	6330	6660	6980	7280	7580	8050(H)	8310	8570	8820(H)	9100	9370(J)

NOTES: Letters in parentheses () denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.

IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Medium Commercial Truck Radials

RADIAL PLY METRIC TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

Tire Size Designation	Usage	Tire Load Limits at various Cold Inflation Pressures (Pressure Listed is the Minimum for the Load)												
		kPa	480	520	550	590	620	660	690	720	760	790	830	860
		psi	70	75	80	85	90	95	100	105	110	115	120	125
215/75R17.5 M729 Only	DUAL	kg.		1250	1325	1400	1470	1550	1600(F)₁₂₄					
		lb.		2760	2920	3080	3245	3420	3525(F)₁₂₄					
	SINGLE	kg.		1290	1370	1450	1520	1600	1700(F)₁₂₆					
		lb.		2850	3015	3200	3350	3530	3750(F)₁₂₆					
215/75R17.5 R250F Load Range "G" Only	DUAL	kg.	1215	1285	1360	1400	1500	1550	1600(G)₁₂₄					
		lb.	2680	28356	3000	3085	3305	3415	3525(G)₁₂₄					
	SINGLE	kg.	1285	1360	1530	1610	1680	1750	1700(G)₁₂₆					
		lb.	2835	3000	3375	3540	3695	3860	3750(G)₁₂₆					
215/75R17.5 * R184 Only	DUAL	kg.			1450	1520	1590	1650	1720	1790	1860	1910	1990	2060(H)₁₃₅
		lb.			3195	3350	3500	3645	3795	3945	4095	4220	4390	4540(H)₁₃₅
	SINGLE	kg.			1530	1610	1680	1750	1820	1900	1960	2040	2110	2180(H)₁₄₃
		lb.			3375	3540	3695	3860	4010	4180	4330	4495	4650	4805(H)₁₄₃
245/70R17.5 * R184 Only	DUAL	kg.			1750	1840	1940	2030	2130	2220	2320	2420	2510	2575(J)₁₄₁
		lb.			3855	4060	4275	4485	4700	4905	5113	5330	5535	5675(J)₁₄₁
	SINGLE	kg.			1860	1960	2060	2150	2260	2360	2470	2570	2660	2725(J)₁₄₃
		lb.			4110	4330	4545	4750	4975	5210	5445	5660	5865	6005(J)₁₄₃

* R184 FOR USE IN FREE-ROLLING TRAILER SERVICE ONLY.

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum. International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

RADIAL PLY TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

Tire Size Designation	Usage	Tire Load Limits at Various Cold Inflation Pressures											
		kPa	590	620	660	690	720	760	790	830	860	900	930
		psi	85	90	95	100	105	110	115	120	125	130	135
9R17.5HC	DUAL	kg.	1380	1430	1480	1520	1600(F)₁₂₄	1650	1700	1750(G)₁₂₇	1800	1850	1900(H)₁₃₀
		lb.	3040	3150	3260	3360	3525(F)₁₂₄	3635	3745	3860(G)₁₂₇	3970	4080	4190(H)₁₃₀
	SINGLE	kg.	1450	1520	1570	1630	1700(F)₁₂₆	1750	1800	1850(G)₁₂₉	1900	1950	2000(H)₁₃₂
		lb.	3200	3340	3470	3590	3750(F)₁₂₆	3860	3970	4080(G)₁₂₉	4190	4300	4410(H)₁₃₂
10R17.5HC R180 Only	DUAL	kg.	1650(E)₁₂₅	1720	1790	1850(F)₁₂₆	1920	2000(H)₁₃₂					
		lb.	3640(E)₁₂₅	3785	3930	4080(F)₁₂₆	4235	4410(H)₁₃₂					
	SINGLE	kg.	1750(E)₁₂₇	1820	1890	1950(F)₁₃₁	2030	2120(H)₁₃₄					
		lb.	3860(E)₁₂₇	4005	4150	4300(F)₁₃₁	4470	4675(H)₁₃₄					

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Medium Commercial Truck Radials

RADIAL PLY METRIC TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (kg./lb.) at various Cold Inflation Pressures (kPa/psi). Pressure Listed is the Minimum for the Load											
		kPa	480	520	550	590	620	660	690	720	760	790	830
		psi	70	75	80	85	90	95	100	105	110	115	120
245/75R22.5	DUAL	kg.	1430	1500	1600	1640	1710	1800	1840	1900	1950(G) ₁₃₁		
		lb.	3160	3315	3525	3615	3765	3970	4055	4195	4300(G) ₁₃₁		
	SINGLE	kg.	1570	1650	1750	1800	1880	1950	2020	2090	2120(G) ₁₃₄		
		lb.	3470	3645	3860	3975	4140	4300	4455	4610	4675(G) ₁₃₄		
265/75R22.5	DUAL	kg.	1600	1680	1750	1830	1910	2000	2050	2130	2180(G) ₁₃₁		
		lb.	3525	3705	3860	4040	4205	4410	4525	4525	4805(G) ₁₃₁		
	SINGLE	kg.	1760	1850	1950	2010	2100	2180	2260	2340	2360(G) ₁₃₈		
		lb.	3875	4070	4300	4440	4620	4805	4975	5150	5205(G) ₁₃₈		
295/75R22.5 R287A & R280 Load Range "H" Only	DUAL	kg.	2030	2130	2240	2320	2420	2500	2600	2690	2800	2870	3000(H) ₁₄₃
		lb.	4470	4690	4940	5120	5330	5510	5740	5940	6175	6330	6610(H) ₁₄₃
	SINGLE	kg.	2230	2340	2430	2550	2660	2725	2860	2960	3075	3150	3250(H) ₁₄₈
		lb.	4915	5155	5355	5630	5860	6005	6305	6525	6780	6950	7160(H) ₁₄₈
295/75R22.5	DUAL	kg.	1860	1950	2060	2130	2220	2300	2390	2470	2575(G) ₁₄₁		
		lb.	4095	4300	4540	4690	4885	5070	5260	5440	5675(G) ₁₄₁		
	SINGLE	kg.	2040	2140	2240	2340	2440	2500	2620	2710	2800(G) ₁₄₄		
		lb.	4500	4725	4940	5155	5370	5510	5780	5980	6175(G) ₁₄₄		
285/75R24.5	DUAL	kg.	1870	1970	2060	2150	2240	2360(F) ₁₃₈	2410	2490	2575(G) ₁₄₁	2660	2800(H) ₁₄₄
		lb.	1435	4340	4540	4740	4930	5205(F) ₁₃₈	5310	5495	5675(G) ₁₄₁	5860	6175(H) ₁₄₄
	SINGLE	kg.	2060	2160	2240	2360	2460	2575(F) ₁₄₁	2650	2740	2800(G) ₁₄₄	2920	3075(H) ₁₄₇
		lb.	4545	4770	4940	5210	5420	5675(F) ₁₄₁	5835	6040	6175(G) ₁₄₄	6440	6780(H) ₁₄₇

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

RADIAL PLY METRIC TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
		kPa	550	590	620	660	690	720	760	790	830	860	900
		psi	80	85	90	95	100	105	110	115	120	125	130
315/80R22.5 All Bridgestone Tires Except M860	DUAL	kg.	2575	2650	2750	2900	2970	3070	3150	3270	3450(J) ₁₅₁	3560	3750(L) ₁₅₄
		lb.	5675	5840	6070	6395	6545	6770	6940	7210	7610(J) ₁₅₁	7850	8270(L) ₁₅₄
	SINGLE	kg.	2800	2910	3030	3150	3260	3370	3450	3590	3750(J) ₁₅₄	3900	4125(L) ₁₅₇
		lb.	6175	6415	6670	6940	7190	7440	7610	7920	8270(J) ₁₅₄	8600	9090(L) ₁₅₇
315/80R22.5 Bridgestone M860 Only	DUAL	kg.	2575	2650	2750	2900	2970	3070	3150	3270	3450(J) ₁₅₁	3795	4125(L) ₁₅₇
		lb.	5675	5840	6070	6395	6545	6770	6940	7210	7610(J) ₁₅₁	8350	9090(L) ₁₅₇
	SINGLE	kg.	2800	2910	3030	3150	3260	3370	3450	3590	3750(J) ₁₅₄	4150	4355(L) ₁₅₇
		lb.	6175	6415	6670	6940	7190	7440	7610	7920	8270(J) ₁₅₄	9135	10000(L) ₁₅₇

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Medium Commercial Truck Radials

RADIAL PLY TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (kg./lb.) at various Cold Inflation Pressures (kPa/psi) Pressure Listed is the Minimum for the Load											
		kPa	480	520	550	590	620	660	690	720	760	790	830
		psi	70	75	80	85	90	95	100	105	110	115	120
8R19.5	DUAL	kg.	1120	1170	1215(D) ¹¹⁵	1285	1310	1360(E) ¹¹⁹	1410	1460	1500(F) ¹²²		
		lb.	2460	2570	2680(D) ¹¹⁵	2785	2890	3000(E) ¹¹⁹	3100	3200	3305(F) ¹²²		
	SINGLE	kg.	1150	1220	1285(D) ¹¹⁷	1340	1400	1450(E) ¹²¹	1500	1550	1600(F) ¹²⁴		
		lb.	2540	2680	2835(D) ¹¹⁷	2955	3075	3195(E) ¹²¹	3305	3415	3525(F) ¹²⁴		
8R22.5	DUAL	kg.	1250	1300	1360(D) ¹¹⁹	1410	1460	1500(E) ¹²²	1570	1640	1700(F) ¹²⁶		
		lb.	2750	2870	3000(D) ¹¹⁹	3100	3200	3305(E) ¹²²	3455	3605	3525(F) ¹²⁶		
	SINGLE	kg.	1290	1360	1450(D) ¹²¹	1500	1550	1600(E) ¹²⁴	1670	1740	1800(F) ¹²⁸		
		lb.	2840	2990	3195(D) ¹²¹	3305	3415	3525(E) ¹²⁴	3675	3825	3970(F) ¹²⁸		
9R22.5	DUAL	kg.	1480	1550	1610	1670	1750(E) ¹²⁷	1820	1890	1950(F) ¹³¹	2010	2070	2210(G) ¹³⁴
		lb.	3270	3410	3550	3690	3860(E) ¹²⁷	4005	4150	4300(F) ¹³¹	4425	4550	4675(G) ¹³⁴
	SINGLE	kg.	1530	1610	1690	1760	1850(E) ¹²⁹	1920	1990	2060(F) ¹³³	2120	2180	2240(G) ¹³⁶
		lb.	3370	3560	3730	3890	4080(E) ¹²⁹	4235	4390	4540(F) ¹³³	4675	4810	4940(G) ¹³⁶
10R22.5	DUAL	kg.	1750	1830	1910	2000(E) ¹³²	2080	2160	2240(F) ¹³⁶	2300	2360	2430(G) ¹³⁹	
		lb.	3860	4045	4230	4410(E) ¹³²	4585	4760	4940(F) ¹³⁶	5075	5210	5355(G) ¹³⁹	
	SINGLE	kg.	1850	1940	2030	2120(E) ¹³⁴	2200	2280	2360(F) ¹³⁸	2430	2500	2575(G) ¹⁴¹	
		lb.	4080	4280	4480	4675(E) ¹³⁴	4850	5025	5205(F) ¹³⁸	5360	5515	5675(G) ¹⁴¹	
11R22.5	DUAL	kg.	1990	2080	2160	2250	2360(F) ¹³⁸	2460	2560	2650(G) ¹⁴²	2680	2710	2725(H) ¹⁴³
		lb.	4380	4580	4760	4950	5205(F) ¹³⁸	5415	5625	5840(G) ¹⁴²	5895	5950	6005(H) ¹⁴³
	SINGLE	kg.	2050	2160	2260	2370	2500(F) ¹⁴⁰	2600	2700	2800(G) ¹⁴⁴	2870	2940	3000(H) ¹⁴⁶
		lb.	4560	4770	4990	5220	5510(F) ¹⁴⁰	5730	5950	6175(G) ¹⁴⁴	6320	6465	6610(H) ¹⁴⁶
11R24.5	DUAL	kg.	2110	2210	2300	2390	2500(F) ¹⁴⁰	2580	2660	2725(G) ¹⁴³	2820	2910	3000(H) ¹⁴⁶
		lb.	4660	4870	5070	5260	5510(F) ¹⁴⁰	5675	5840	6005(G) ¹⁴³	6205	6405	6610(H) ¹⁴⁶
	SINGLE	kg.	2190	2300	2410	2520	2650(F) ¹⁴²	2770	2890	3000(G) ¹⁴⁶	3080	3160	3250(H) ¹⁴⁹
		lb.	4820	5070	5310	5550	5840(F) ¹⁴²	6095	6350	6610(G) ¹⁴⁶	6790	6970	7160(H) ¹⁴⁹
12R22.5	DUAL	kg.	2170	2260	2350	2440	2575(F) ¹⁴¹	2630	2680	2725(G) ¹⁴³	2840	2960	3075(H) ¹⁴⁷
		lb.	4780	4990	5190	5390	5675(F) ¹⁴¹	5785	5895	6005(G) ¹⁴³	6265	6525	6780(H) ¹⁴⁷
	SINGLE	kg.	2240	2360	2470	2580	2725(F) ¹⁴¹	2820	2910	3000(G) ¹⁴⁶	3120	3240	3350(H) ¹⁵⁰
		lb.	4940	5200	5450	5690	6005(F) ¹⁴¹	6205	6405	6610(G) ¹⁴⁶	6870	7130	7390(H) ¹⁵⁰
12R24.5	DUAL	kg.	2300	2400	2500	2600	2650(F) ¹⁴²	2770	2890	3000(G) ¹⁴⁶	3080	3160	3250(H) ¹⁴⁹
		lb.	5080	5300	5520	5730	5840(F) ¹⁴²	6095	6350	6610(G) ¹⁴⁶	6790	6970	7160(H) ¹⁴⁹
	SINGLE	kg.	2380	2500	2630	2740	2900(F) ¹⁴⁵	3020	3140	3250(G) ¹⁵²	3350	3450	3550(H) ¹⁵²
		lb.	5240	5520	5790	6040	6395(F) ¹⁴⁵	6650	6910	7160(G) ¹⁵²	7380	7600	7830(H) ¹⁵²

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

METRIC WIDE BASE RADIAL TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES ARE USED AS SINGLES

TIRE SIZE DESIGNATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES											
	kPa	480	520	550	590	620	660	690	720	760	790	830
	psi	70	75	80	85	90	95	100	105	110	115	120
445/50R22.5	kg.			3330	3520	3660	3850	3990	4130	4310	4450	4625
	lb.			7370	7740	8100	8460	8820	9170	9515	9860	10200
445/65R19.5	kg.	3410	3610	3750	3960	4100	4250	4410	4540	4750(J) ¹⁶²		
	lb.	7540	7930	8270	8680	9040	9370	9730	10100	10500		
385/65R22.5	kg.	2880	3060	3150	3350	3470	3650	3740	3850	4000	4100	4250(J) ¹⁵⁸
	lb.	6380	6720	6940	7350	7650	8050	8230	8510	8820	9050	9370(J) ¹⁵⁸
425/65R22.5	kg.	3430	3640	3750	3980	4130	4250	4440	4580	4750(J) ¹⁶²	4880	5150(L) ¹⁶⁵
	lb.	7590	7990	8270	8740	9100	9370	9790	10100	10500	10700	11400(L) ¹⁶⁵
445/65R22.5	kg.	3720	3950	4125	4320	4470	4625	4820	4960	5150	5290	5600(L) ¹⁶⁸
	lb.	8230	8660	9090	9480	9870	10200	10600	11000	11400	11700	12300(L) ¹⁶⁸

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.



Medium Commercial Truck Radials

RADIAL PLY METRIC TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON FLAT BASE RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (kg./lb.) at various Cold Inflation Pressures (kPa/psi). Pressure Listed is the Minimum for the Load												
		kPa	480	520	550	590	620	660	690	720	760	790	830	860
		psi	70	75	80	85	90	95	100	105	110	115	120	125
7.50R15TR	DUAL	kg.	1030	1070	1120	1160	1200	1250(E) ¹¹⁶	1300	1350	1400(F) ¹²⁰			
		lb.	2260	2360	2460	2550	2640	2755(E)	2865	2975	3085(F)			
7.50R20	DUAL	kg.	1250	1300	1360(D) ¹¹⁹	1410	1460	1500(E) ¹²²	1570	1640	1700(F) ¹²⁶	1750	1800(G) ¹²⁸	
		lb.	2750	2870	3000(D)	3100	3200	3305(E)	3455	3605	3750(F)	3860	3970(G)	
8.25R15TR	SINGLE	kg.	1290	1360	1450(D) ¹²¹	1500	1550	1600(E) ¹²⁴	1670	1740	1800(F) ¹²⁸	1850	1900(G) ¹³⁰	
		lb.	2840	2990	3195(D)	3305	3415	3525(E)	3675	3825	3970(F)	4080	4190(G)	
8.25R20	DUAL	kg.	1220	1270	1330	1380	1430	1480	1520	1600(F) ¹²⁴	1650	1700	1750(G) ¹²⁷	2190(J)*
		lb.	2700	2810	2930	3040	3150	3260	3360	3525(F)	3635	3745	3860(G)	4830(J)*
9.00R15TR	SINGLE	kg.	1260	1330	1400	1450	1520	1570	1630	1700(F) ¹²⁶	1750	1800	1850(G) ¹²⁹	2255(J)*
		lb.	2780	2930	3080	3200	3340	3470	3590	3750(F)	3860	3970	4080(G)	4970(J)*
9.00R20	DUAL	kg.	1480	1550	1610	1670	1750(F) ¹²⁷	1820	1890	1950(F) ¹³¹	2010	2070	2120(G) ¹³⁴	
		lb.	3270	3410	3550	3690	3860(E)	4005	4150	4300(F)	4425	4550	4675(G)	
9.00R20	SINGLE	kg.	1530	1610	1690	1760	1850(E) ¹²⁹	1920	1990	2060(F) ¹³³	2120	2180	2240(G) ¹³⁶	
		lb.	3370	3560	3730	3890	4080(E)	4235	4390	4540(F)	4675	4810	4940(G)	
9.00R15TR	DUAL	kg.	1460	1520	1580	1650(E) ¹²⁵	1720	1790	1850(F) ¹²⁹	1920	1990	2060(G) ¹³³		
		lb.	3330	3500	3660	3860(E)	4005	4150	4080(F)	4470	4640	4805(G)		
9.00R15TR	SINGLE	kg.	1510	1580	1660	1750(E) ¹²⁷	1820	1890	1950(F) ¹³¹	2030	2110	2180(G) ¹³⁵		
		lb.	3330	3500	3660	3860(E)	4005	4150	4300(F)	4470	4640	4805(G)		
9.00R20	DUAL	kg.	1750(D) ¹²⁷	1830	1910	2000(E) ¹³²	2080	2160	2240(F) ¹³⁶	2300	2360	2430(G) ¹³⁹		
		lb.	3860(D)	4045	4230	4410(E)	4585	4760	4940(F)	5080	5220	5355(G)		
9.00R20	SINGLE	kg.	1850(D) ¹²⁹	1940	2030	2120(E) ¹³⁴	2200	2280	2360(F) ¹³⁸	2430	2500	2575(G) ¹⁴¹		
		lb.	4080(D)	4280	4480	4675(E)	4850	5025	5205(F)	5360	5515	5675(G)		
10.00R15TR	DUAL	kg.	1660	1740	1810	1870	1950(F) ¹³¹	2030	2110	2180(G) ¹³⁵	2260	2340	2430(H) ¹³⁹	2900(H)*
		lb.	3660	3830	3980	4130	4300(F)	4470	4640	4805(G)	4990	5175	5355(H)	6395(J)* ¹⁴⁵
10.00R15TR	SINGLE	kg.	1710	1810	1890	1980	2060(F) ¹³³	2140	2220	2300(G) ¹³⁷	2390	2480	2575(H) ¹⁴¹	3150(J)* ¹⁴⁸
		lb.	3780	3980	4170	4370	4540(F)	4715	4890	5070(G)	5270	5470	5675(H)	6945(J)*
10.00R20	DUAL	kg.	1990	2080	2160	2250	2360(F) ¹³⁸	2460	2560	2650(G) ¹⁴²	2680	2710	2725(H) ¹⁴³	
		lb.	4380	4580	4760	4950	5205(F)	5415	5625	5840(G)	5895	5950	6005(H)	
10.00R20	SINGLE	kg.	2050	2160	2260	2370	2500(F) ¹⁴⁰	2600	2700	2800(G) ¹⁴⁴	2870	2940	3000(H) ¹⁴⁶	
		lb.	4530	4770	4990	5220	5510(F)	5730	5950	6175(G)	6320	6455	6610(H)	
10.00R22	DUAL	kg.	2110	2210	2300	2390	2500(F) ¹⁴⁰	2580	2660	2725(G) ¹⁴³	2820	2910	3000(H) ¹⁴⁶	
		lb.	4660	4870	5070	5260	5510(F)	5675	5840	6005(G)	6205	6405	6610(H)	
10.00R22	SINGLE	kg.	2190	2300	2410	2520	2650(F) ¹⁴²	2770	2890	3000(G) ¹⁴⁶	3080	3160	3250(H) ¹⁴⁹	
		lb.	4820	5070	5310	5550	5849(F)	6095	6350	6610(G)	6790	6970	7160(H)	

* R187 For Free Rolling Trailer ONLY

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.

International Load Index numbers are shown after Load Range.

IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Medium Commercial Truck Radials

RADIAL PLY METRIC TIRES FOR TRUCKS, BUSES AND TRAILERS USED IN NORMAL HIGHWAY SERVICE
TIRES MOUNTED ON 15° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (kg./lb.) at various Cold Inflation Pressures (kPa/psi). Pressure Listed is the Minimum for the Load												
		kPa	480	520	550	590	620	660	690	720	760	790	830	860
		psi	70	75	80	85	90	95	100	105	110	115	120	125
225/70R19.5	DUAL	kg.	1230	1300	1360(E)¹¹⁹	1410	1470	1550(F)¹²³	1580	1640	1700(G)¹²⁶			
	lb.	2720	2860	3000(E)	3115	3245	3415(F)	3490	3615	3750(G)				
	SINGLE	kg.			1450(E)¹²¹	1500	1570	1650(F)¹²⁵	1690	1740	1800(G)¹²⁸			
	lb.				3195(E)	3315	3450	3640(F)	3715	3845	3970(G)			
245/70R19.5	DUAL	kg.			1550	1650	1700	1800(F)¹²⁸	1850	1900	2000(G)¹³⁴			
	lb.				3415	3640	3750	3970(F)	4080	4190	4410(G)			
	SINGLE	kg.			1600	1700	1750	1850(F)¹²⁹	1900	1950	2060(G)¹³⁵			
	lb.				3525	3750	3860	4080(F)	4190	4300	4540(G)			
245/70R19.5 R250F M729F LOAD RANGE "H" ONLY	DUAL	kg.			1550	1650	1700	1800	1850	1900	2000	2060	2120(H)¹⁴¹	
	lb.				3415	3640	3750	3970	4080	4190	4410	4540	4675(H)	
	SINGLE	kg.			1600	1700	1750	1850	1950	2000	2060	2180	2240(H)¹⁴⁴	
	lb.				3525	3750	3860	4080	4300	4410	4540	4805	4940(H)	
245/70R19.5 M724F ONLY	DUAL	kg.			1550	1650	1660	1750(F)¹²⁷	1870	1990	2120(G)¹³⁴			
	lb.				3415	3650	3655	3860(F)	4125	4390	4675(G)			
	SINGLE	kg.			1650	1700	1770	1850(F)¹²⁹	1980	2110	2240(G)¹³⁶			
	lb.				3640	3740	3890	4080(F)	4370	4655	4940(G)			
265/70R19.5 R250F ONLY	DUAL	kg.			1700	1780	1860	1950	2000	2000	2180(G)¹³⁵			
	lb.				3750	3930	4095	4300	4405	4415	4805(G)			
	SINGLE	kg.			1800	1900	1970	2060	2130	2200	2360(G)¹³⁸			
	lb.				3970	4180	4355	4540	4685	4850	5205(G)			
265/70R19.5 M729 ONLY	DUAL	kg.			1700	1780	1860	1950	2000	2170	2360(G)¹³⁸			
	lb.				3745	3925	4100	4300	4410	4785	5205(G)			
	SINGLE	kg.			1800	1900	1970	2060	2200	2340	2500(G)¹⁴⁰			
	lb.				3970	4190	4345	4540	4850	5205	5510(G)			
285/70R19.5	DUAL	kg.				1980	2000	2120	2150	2220	2300(G)¹³⁷	2380	2570	2725(H)¹⁴³
	lb.					4365	4400	4675	4735	4900	5070(G)	5255	5675	6005(H)
	SINGLE	kg.				2110	2190	2300	2360	2440	2500(G)¹⁴⁰	2600	2800	2900(H)¹⁴⁵
	lb.					4645	4835	5070	5205	5385	5510(G)	5740	6175	6395(H)
305/70R19.5 R227F Only	DUAL	kg.			2060	2120	2200	2300	2370	2450	2575(H)¹⁴¹	2620	2725	2900(J)¹⁴⁵
	lb.				4540	4670	4860	5070	5230	5410	5675(H)	5770	6005	6395(J)
	SINGLE	kg.			2240	2330	2420	2500	2610	2700	2800(H)¹⁴⁴	2870	3000	3150(J)¹⁴⁸
	lb.				4940	5130	5340	5510	5745	5945	6175(H)	6340	6610	6945(J)
255/70R22.5	DUAL	kg.			1800	1860	1940	2000	2020	2090	2120(G)¹³⁴	2230	2300(H)¹³⁷	
	lb.				3970	4110	4275	4410	4455	4610	4675(G)	4915	5070(H)	
	SINGLE	kg.			1900	1980	2060	2120	2220	2300	2360(G)¹³⁸	2450	2500(H)¹⁴⁰	
	lb.				4190	4370	4550	4675	4895	5065	5205(G)	5400	5510(H)	
275/70R22.5 R250 F/ED LOAD RANGE "J" ONLY	DUAL	kg.				2180	2300	2430	2500	2575	2725	2800	2900(J)¹⁴⁵	
	lb.					4805	5070	5355	5510	5675	6005	6175	6395(J)	
	SINGLE	kg.				2430	2500	2650	2725	2900	3000	3075	3175(J)	
	lb.					5355	5510	5840	6005	6395	6610	6940	7000(J)	
275/70R22.5 M840 LOAD RANGE "J" ONLY	DUAL	kg.			2180	2300	2430	2500	2575	2725	2800	2900	2900(J)¹⁴⁵	
	lb.				4805	5070	5355	5510	5675	6005	6175	6780	6940(J)¹⁴⁸	
	SINGLE	kg.			2360	2500	2650	2725	2800	2900	3075	3150	3150(J)¹⁴⁸	
	lb.				5205	5510	5840	6005	6175	6395	6780	7160	6940(J)	
275/80R22.5	DUAL	kg.			2060	2130	2220	2300(F)¹³⁷	2390	2470	2575(G)¹⁴¹	2630	2725(H)¹⁴⁵	
	lb.				4540	4690	4885	5070(F)	5260	5440	5675(G)	5795	6005(H)	
	SINGLE	kg.			2240	2340	2440	2500(F)¹⁴⁰	2620	2710	2800(G)¹⁴⁴	2890	3000(H)¹⁴⁸	
	lb.				4940	5155	5370	5510(F)	5780	5980	6175(G)	6370	6610(H)	
295/80R22.5 R250F Only	DUAL	kg.			2180	2300	2420	2540	2660	2780	2900	3075	3115	3150(H)¹⁴⁸
	lb.				4810	5080	5340	600	5860	6130	6390	6780	6860	6940(H)
	SINGLE	kg.			2430	2560	2690	2820	2950	3090	3220	3350	3455	3550(H)¹⁵²
	lb.				5350	5640	5930	6220	6510	6810	7100	7390	7610	7830(H)
305/75R22.5	DUAL	kg.			2360	2440	2540	2560	2730	2830	3000	3010	3150(J)¹⁴⁸	
	lb.				5205	5375	5595	5840	6025	6235	6610	6640	6940(J)	
	SINGLE	kg.			2575	2680	2790	2900	3000	3110	3250	3310	3450 (J)¹⁵¹	
	lb.				5675	5905	6150	6395	6620	6850	7160	7300	7610 (J)	
305/85R22.5	DUAL	kg.			2430	2520	2620	2725	2820	2920	3075(H)¹⁴⁷			
	lb.				5355	5550	5780	6005	6215	6435	6780(H)			
	SINGLE	kg.			2650	2770	2880	3000	3100	3210	3350(H)¹⁵⁰			
	lb.				840	6100	6350	6610	6830	7070	7390(H)			
305/75R24.5 R294 Only	DUAL	kg.			2170	2290	2400	2520	2660	2640	2760	2880	3010	3250(J)¹⁴⁸
	lb.				4780	5040	5300	5560	5860	5820	6090	6340	6640	6945(J)
	SINGLE	kg.			2380	2510	2640	2770	2900	3030	3160	3290	3420	3550(J)¹⁵²
	lb.				5251	5540	5820	6110	6400	6680	6970	7260	7540	7830(J)

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Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Commercial Light Truck Radials

LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE
 RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (lb.) at various Cold Inflation Pressures							
		kPa	250	300	350	400	450	500	550
		psi	35	45	50	60	65	75	80
LT205/75R15	DUAL	kg.	530	605	690(C) ⁹⁵	740	800(D) ¹⁰⁰		
		lb.	1145	1360	1520(C)	1665	1765(D)		
	SINGLE	kg.	585	665	750(C) ⁹⁸	815	875(D) ¹⁰³		
		lb.	1260	1500	1655(C)	1795	1930(D)		
LT215/75R15	DUAL	kg.	570	645	730(C) ⁹⁷	790	875(D) ¹⁰³		
		lb.	1255	1420	1610(C)	1740	1930(D)		
	SINGLE	kg.	625	710	800(C) ¹⁰⁰	870	950(D) ¹⁰⁶		
		lb.	1375	1565	1765(C)	1915	2095(D)		
LT225/75R15	DUAL	kg.	610	690	775(C) ⁹⁹	845	900(D) ¹⁰⁴		
		lb.	1345	1520	1710(C)	1860	1985(D)		
	SINGLE	kg.	670	760	850(C) ¹⁰²	930	1000(D) ¹⁰⁸		
		lb.	1475	1675	1875(C)	2050	2205(D)		
LT235/75R15	DUAL	kg.	645	735	825(C) ¹⁰¹	900	975(D) ¹⁰⁷	1060	1150(E) ¹¹³
		lb.	1420	1620	1820(C)	1985	2150(D)	2335	2535(E)
	SINGLE	kg.	710	810	900(C) ¹⁰⁴	990	1060(D) ¹¹⁰	1160	1250(E) ¹¹⁶
		lb.	1565	1785	1985(C)	2180	2335(D)	2555	2755(E)
LT245/75R15	DUAL	kg.	690	785	875(C) ¹⁰³				
		lb.	1520	1730	1930(C)				
	SINGLE	kg.	760	865	975(C) ¹⁰⁷				
		lb.	1675	1905	2150(C)				
LT255/75R15	DUAL	kg.	735	835	925(C) ¹⁰⁵				
		lb.	1620	1840	2040(C)				
	SINGLE	kg.	805	915	1030(C) ¹⁰⁹				
		lb.	1775	2015	2270(C)				
LT265/75R15	DUAL	kg.	780	885	1000(C) ¹⁰⁸				
		lb.	1720	1950	2205(C)				
	SINGLE	kg.	855	970	1090(C) ¹¹¹				
		lb.	1885	2140	2405(C)				

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum. International Load Index numbers are shown after Load Range.
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Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Commercial Light Truck Radials

LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND
MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE
RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS

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
80 SERIES												
LT215/80R15	DUAL	kg.	590	645	675	750	810	825	875(D) ₁₀₃			
		lb.	1275	1395	1515	1655	1745	1855	1930(D)			
	SINGLE	kg.	650	710	740	825	890	905	975(D) ₁₀₇			
		lb.	1400	1535	1665	1820	1920	2040	2150(D)			
LT235/80R17	DUAL	kg.	730	800	830	925	1015	1010	1120	1090	1180	1285(E) ₁₁₇
		lb.	1570	1725	1870	2040	2190	2315	2470	2560	2685	2835(E)
	SINGLE	kg.	800	880	910	1030	1115	1110	1215	1305	1300	1400(E) ₁₂₀
		lb.	1725	1895	2055	2270	2405	2545	2680	2815	2950	3085(E) ₁₂₀
85 SERIES												
LT215/85R16	DUAL	kg.	630	690	720	800(C) ₁₀₀	865	870	975(D) ₁₀₇	1025	1030	1120(E) ₁₁₂
		lb.	1360	1490	1625	1765(C)	1865	1985	2150(D) ₁₀₇	2210	2320	2470(E)
	SINGLE	kg.	695	760	790	880(C) ₁₀₃	950	965	1060(D) ₁₁₀	1130	1130	1215(E) ₁₁₅
		lb.	1495	1640	1785	1940(C)	2050	2180	2335(D) ₁₁₀	2430	2550	2680(E)
LT235/85R16	DUAL	kg.	720	790	820	910(C) ₁₀₄	985	1000	1080(D) ₁₁₁	1165	1170	1260(E) ₁₁₆
		lb.	1545	1700	1845	2006(C)	2125	2260	2381(D) ₁₁₁	2515	2645	2778(E) ₁₁₆
	SINGLE	kg.	790	965	900	1000(C) ₁₀₈	1100	1155	1190(D) ₁₁₄	1285	1290	1380(E) ₁₂₀
		lb.	1700	1870	2030	2205(C) ₁₀₈	2335	2485	2623(D) ₁₁₄	2765	2905	3042(E) ₁₂₀
LT255/85R16	DUAL	kg.	815	890	930	1030(C) ₁₀₉	1115	1130	1250(D) ₁₁₆	1320	1320	1400(E) ₁₂₀
		lb.	1745	1920	2085	2270(C) ₁₀₉	2400	2550	2755(D) ₁₁₆	2840	2980	3085(E) ₁₂₀
	SINGLE	kg.	895	980	1020	1120(C) ₁₁₂	1225	1240	1360(D) ₁₁₉	1450	1450	1550(E) ₁₂₃
		lb.	1920	2110	2290	2470(C) ₁₁₂	2635	2800	3000(D) ₁₁₉	3120	3275	3415(E) ₁₂₃

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RADIAL PLY TIRES FOR TRUCKS, BUSES, TRAILERS IN NORMAL HIGHWAY SERVICE
MOUNTED ON FLAT BASE RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits at various Cold Inflation Pressures									
		kPa	410	450	480	520	550	590	620	660	690
		psi	60	65	70	75	80	85	90	95	100
7.50R16LT	DUAL	kg.	925	975(D) ₁₀₇	1020	1065	1120(E) ₁₁₂	1150	1190	1250(F) ₁₁₆	1450(G) ₁₂₁
		lb.	2040	2150(D)	2245	2345	2470(E)	2540	2630	2755(F)	3195(G) ₁₂₁
	SINGLE	kg.	1050	1120(D) ₁₁₂	1160	1210	1250(E) ₁₁₆	1310	1360	1400(F) ₁₂₀	1510(G) ₁₂₂
		lb.	2310	2470(D)	2560	2670	2755(E)	2885	2900	3085(F)	3330(G) ₁₂₂

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Commercial Light Truck Radials

LIGHT TRUCK TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE
RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (lb.) at various Cold Inflation Pressures										
		RADIAL PLY										
		kPa	250	280	310	340	380	410	450	480	520	550
		psi	35	40	45	50	55	60	65	70	75	80
		DIAGONAL (BIAS) PLY										
kPa	210	240	280	310	340	380	410	450	480	520		
psi	30	35	40	45	50	55	60	65	70	75		
6.50*16LT	DUAL	kg.	510	555	600	650(C)₉₃	680	720	750(D)₉₈	795	830	875(E)₁₀₃
		lb.	1120	1225	1320	1435(C)	1500	1590	1655(D)	1750	1830	1930(E)
	SINGLE	kg.	575	630	680	730(C)₉₇	775	815	875(D)₁₀₃	905	945	975(E)₁₀₇
		lb.	1270	1390	1500	1610(C)	1710	1800	1930(D)	1990	2080	2150(E)
6.70*15LT	DUAL	kg.	480	530	575	615(C)₉₁	655	690	730(D)₉₇	760	795	825(E)₁₀₁
		lb.	1060	1170	1265	1355(C)	1440	1520	1610(D)	1670	1750	1820(E)
	SINGLE	kg.	550	600	650	690(C)₉₅	740	780	825(D)₁₀₁	860	900	925(E)₁₀₅
		lb.	1210	1320	1430	1530(C)	1630	1720	1820(D)	1900	1980	2040(E)
7.00*15LT	DUAL	kg.	540	595	645	690(C)₉₅	735	780	825(D)₁₀₁	850	890	925(E)₁₀₅
		lb.	1190	1310	1420	1520(C)	1620	1715	1820(D)	1870	1960	2040(E)
	SINGLE	kg.	610	670	730	775(D)₉₉	830	880	925(D)₁₀₅	965	1005	1060(E)₁₁₀
		lb.	1350	1480	1610	1710(C)	1830	1940	2040(D)	2130	2220	2335(E)

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

LIGHT TRUCK TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE
MOUNTED ON FLAT BASE RIMS

TIRE SIZE DESIGNATION	Usage	Tire Load Limits at various Cold Inflation Pressures			
		kPa	500	550	900
		psi	75	80	85
8R17.5 LT M773 SWP Only	DUAL	kg.	11225	1190	1250(E)₁₁₆
		lb.	2480	2625	2755(E)
	SINGLE	kg.	1155	1220	1285(E)₁₁₆
		lb.	2545	2690	2835(E)

NOTES: Letters in parentheses denote Load Range for which boldface loads and inflations are maximum.
International Load Index numbers are shown after Load Range.
IMPORTANT — ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETER AND CONTOURS.

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Commercial Light Truck Radials

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

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (lb.) at various Cold Inflation Pressures													
		RADIAL PLY													
		kPa	250	280	310	350	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	250	280	310	350	380	410	450	480	520	550	590	620		
psi	30	240	40	45	50	55	60	65	70	75	80	85	90		
8.00*16.5LT	DUAL	kg.	540	595	640	690(C)₉₅	735	775	825(D)₁₀₁	855	895	925(E)₁₀₅	965	1000	1030(F)₁₀₉
		lb.	1195	1310	1415	1520(C)₉₅	1620	1710	1820(D)₁₀₁	1885	1970	2040(E)₁₀₅	2130	2200	2270(F)₁₀₉
8.75*16.5LT	SINGLE	kg.	615	675	730	800(C)₁₀₀	835	880	925(D)₁₀₅	975	1020	1060(E)₁₁₀	1100	1130	1180(F)₁₁₄
		lb.	1360	1490	1610	1765(C)₁₀₀	1840	1945	2040(D)₁₀₅	2145	2240	2335(E)₁₁₀	2420	2500	2600(F)₁₁₄
8.75*16.5LT	DUAL	kg.	625	685	740	800(C)₁₀₀	840	895	950(D)₁₀₅	985	1030	1090(E)₁₁₁	1110	1150	1215(F)₁₁₅
		lb.	1380	1515	1630	1765(C)₁₀₀	1855	1970	2095(D)₁₀₅	2175	2260	2405(E)₁₁₁	2450	2540	2680(F)₁₁₅
8.75*16.5LT	SINGLE	kg.	710	780	840	900(C)₁₀₄	955	1020	1090(D)₁₁₁	1120	1170	1215(E)₁₁₅	1260	1310	1360(F)₁₁₉
		lb.	1570	1720	1850	1985(C)₁₀₄	2110	2240	2405(D)₁₁₁	2470	2570	2680(E)₁₁₅	2780	2880	3000(F)₁₁₉
9.50*16.5LT	DUAL	kg.	740	810	875	950(C)₁₀₆	1000	1060	1120(D)₁₁₂	1170	1220	1285(E)₁₁₇			
		lb.	1635	1785	1925	2095(C)₁₀₆	2200	2330	2470(D)₁₁₂	2570	2685	2835(E)₁₁₇			
9.50*16.5LT	SINGLE	kg.	845	920	995	1090(C)₁₁₁	1130	1200	1285(D)₁₁₇	1320	1380	1450(E)₁₂₁			
		lb.	1860	2030	2190	2405(C)₁₁₁	2500	2650	2835(D)₁₁₇	2920	3050	3195(E)₁₂₁			
10*16.5LT	DUAL	kg.	730(B)₉₇	805	865	925(C)₁₀₅	990	1050	1120(D)₁₁₂	1150	1200	1250(E)₁₁₆			
		lb.	1610(B)₉₇	1770	1910	2040(C)₁₀₅	2180	2310	2470(D)₁₁₂	2540	2650	2755(E)₁₁₆			
10*16.5LT	SINGLE	kg.	850(B)₁₀₂	910	985	1060(C)₁₁₀	1120	1190	1250(D)₁₁₈	1310	1370	1450(E)₁₂₁			
		lb.	1875(B)₁₀₂	2010	2170	2335(C)₁₁₀	2480	2620	2755(D)₁₁₈	2885	3010	3195(E)₁₂₁			
12*16.5LT	DUAL	kg.	950(C)₁₀₈	1030	1120	1215(D)₁₁₆	1270	1350	1450(E)₁₂₁	1490	1550	1650(F)₁₂₅			
		lb.	2095(C)₁₀₈	2280	2460	2680(D)₁₁₆	2810	2970	3195(E)₁₂₁	3275	3420	3640(F)₁₂₅			
12*16.5LT	SINGLE	kg.	1090(C)₁₁₁	1170	1270	1360(D)₁₁₉	1450	1530	1650(E)₁₂₅	1690	1760	1850(F)₁₂₉			
		lb.	2405(C)₁₁₁	2590	2800	3000(D)₁₁₉	3190	3370	3640(E)₁₂₅	3720	3885	4080(F)₁₂₉			

NOTES: Letters in parentheses () denote Load Range for which boldface loads are MAXIMUM.
International Load Index numbers are shown after the Load Range.
IMPORTANT: ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS.

LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS, AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE.
RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (lb.) at various Cold Inflation Pressures										
		kPa	250	275	300	350	380	400	450	780	500	550
		psi	35	40	45	50	55	60	65	70	75	80
LT225/75R16	DUAL	kg.	635	675	725	800(C)₁₀₀	945	885	975(D)₁₀₇	1000	1040	1120(E)₁₁₂
		lb.	1365	1500	1630	1765(C)₁₀₀	1875	1995	2150(D)₁₀₇	2220	2330	2470(E)₁₁₂
LT225/75R16	SINGLE	kg.	700	745	795	880(C)₁₀₃	930	970	1060(D)₁₁₀	1100	1140	1215(E)₁₁₅
		lb.	1500	1650	1790	1940(C)₁₀₃	2060	2190	2335(D)₁₁₀	2440	2560	2680(E)₁₁₅
LT245/75R16	DUAL	kg.	720	765	820	910(C)₁₀₄	960	1000	1080(D)₁₁₁	1135	1170	1260(E)₁₁₆
		lb.	1545	1695	1845	2006(C)₁₀₄	2125	2255	2381(D)₁₁₁	2515	2640	2778(E)₁₁₆
LT245/75R16	SINGLE	kg.	790	840	900	1000(C)₁₀₈	1055	1100	1190(D)₁₁₄	1250	1290	1380(E)₁₂₀
		lb.	1700	1865	2030	2205(C)₁₀₈	2335	2480	2623(D)₁₁₄	2765	2900	3042(E)₁₂₀
LT265/75R16	DUAL	kg.	810	860	920	1030(C)₁₀₉	1080	1130	1250(D)₁₁₆	1275	1310	1400(E)₁₂₀
		lb.	1740	1910	2075	2270(C)₁₀₉	2390	2540	2755(D)₁₁₆	2825	2965	3085(E)₁₂₀
LT265/75R16	SINGLE	kg.	890	950	1010	1120(C)₁₁₂	1185	1240	1360(D)₁₁₉	1400	1440	1550(E)₁₂₃
		lb.	1910	2100	2280	2470(C)₁₁₂	2625	2790	3000(D)₁₁₉	3105	3260	3415(E)₁₂₃
LT225/75R17	DUAL	kg.	665	710	750	850(C)₁₀₂	885	920	1000(D)₁₀₈	1050	1070	1150(E)₁₁₃
		lb.	1425	1565	1695	1875(C)₁₀₂	1950	2075	2205(D)₁₀₈	2310	2430	2535(E)₁₁₃
LT225/75R17	SINGLE	kg.	730	780	825	925(C)₁₀₅	970	1010	1090(D)₁₁₁	1155	1180	1250(E)₁₁₆
		lb.	1565	1720	1865	2040(C)₁₀₅	2145	2280	2405(D)₁₁₁	2540	2670	2755(E)₁₁₆
LT245/75R17	DUAL	kg.	750	805	850	925(C)₁₀₅	1005	1040	1150(C)₁₁₃	1190	1220	1320(E)₁₁₈
		lb.	1610	1770	1920	2040(C)₁₀₅	2210	2350	2535(C)₁₁₃	2615	2750	2910(E)₁₁₈
LT245/75R17	SINGLE	kg.	825	880	935	1030(C)₁₀₉	1100	1140	1250(D)₁₁₆	1305	1340	1450(E)₁₂₁
		lb.	1770	1945	2110	2270(C)₁₀₉	2430	2580	2755(D)₁₁₆	2875	3020	3195(E)₁₂₁

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Commercial Light Truck Radials

LIGHT TRUCK METRIC TIRES FOR TRUCKS, BUSES, TRAILERS AND MULTIPURPOSE PASSENGER VEHICLES USED IN NORMAL HIGHWAY SERVICE
 RADIAL PLY TIRES MOUNTED ON 5° DROP CENTER RIMS

TIRE SIZE DESIGNATION	USAGE	Tire Load Limits (lb.) at various Cold Inflation Pressures										
		kPa	250	275	300	350	380	400	450	480	500	550
		psi	35	40	45	50	55	60	65	70	75	80
LT245/70R17	DUAL	kg.	715	765	810	900(C) ¹⁰⁴	955	990	1060(D) ¹¹⁰	1130	1160	1250(E) ¹¹⁶
		lb.	1540	1690	1830	1985(C)	2105	2240	2335(D)	2495	2615	2755(E)
	SINGLE	kg.	785		890	1000(C) ¹⁰⁸	1050	1090	1180(D) ¹¹⁴	1240	1270	1360(E) ¹¹⁹
		lb.	1690		2010	2205(C)	2315	2460	2600(D)	2740	2875	3000(E)
LT265/70R17	DUAL	kg.	715		810	1030(C) ¹⁰⁹	1070	1110	1060(D) ¹¹⁰	1240	1260	1320(E) ¹¹⁸
		lb.	1540		1830	2270(C)	2360	2510	2680(D)	2735	2820	2910(E)
	SINGLE	kg.	785		890	1120(C) ¹¹²	1175	1220	1215(D) ¹¹⁴	1360	1390	1450(E) ¹¹⁹
		lb.	1690		2010	2470(C)	2595	2760	2910(D)	3005	3100	3195(E)
LT275/65R18	DUAL	kg.	715		810	1060(C) ¹¹⁰	1095	1140	1250	1300	1130	1400(E) ¹²⁰
		lb.	1540		1830	2335(C)	2420	2570	2755	2865	3010	3085(E)
	SINGLE	kg.	785		890	1150(C) ¹¹³	1205	1250	1360	1425	1450	1550(E) ¹²³
		lb.	1940	2130	2310	2535(C)	2660	2825	3000	3150	3305	3415(E)
LT275/70R18	DUAL	kg.	875	935	990	1120	1175	1220	1320	1390	1420	1500(E) ¹³²
		lb.	1885	2065	2250	2470	2585	2750	2910	3060	3210	3305(E)
	SINGLE	kg.	960	1030	1090	1215	1290	1340	1450	1525	1560	1650(E) ¹²⁵
		lb.	2070	2270	2470	2680	2840	3020	3195	3360	3530	3640(E)

NOTES: Letters in parentheses () denote Load Range for which boldface loads are MAXIMUM.
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 IMPORTANT: ALWAYS USE APPROVED TIRE AND RIM COMBINATIONS FOR DIAMETERS AND CONTOURS.

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

Bridgestone Technical Service

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BRIDGESTONE

BridgestoneTrucktires.com

TE06190005 2-2011 (25M)

BRIDGESTONE Firestone

Technical Bulletins Table of Contents

Reference Number	Date	Title	Page
TB-2000-01	January 2000	New 11-Digit DOT Number	105
T9106TD	April 1996	TBR Sidewall Repair and Identification	106
T9502TI	October 1995	Extra-Deep-Tread Tires' Lateral Stiffness Effects	107
T9501X	October 1995	Bridgestone Firestone Chassis Dynamometer Test Guides for Truck/Bus Tires.	108
TB-2008-001	January 2008	Aftermarket Tire Products and Additives in Truck/Bus Tires.	109
G-008-X	October 1991	Aerosol Tire Sealer/Inflators.	110
G-004-X	June 1991	Innertube Storage	112
T9106PD	August 1991	Mismatching Tire Bead and Rim Diameters.	113
T9101TD	December 1990	Mounting Tubeless Truck Tires.	116
T8701GD	October 1987	Steam Cleaning Tires	117

BRIDGESTONE Firestone

TECHNICAL BULLETIN

January 2000

Ref. No. TB2000-01

New 11 Digit DOT Number

The National Highway Traffic Safety Administration (NHTSA) has approved a change to the regulation that requires the date of manufacture in the tire identification number to change from 3 digits to 4 digits (2 digits for week + 2 digits for year.)

Bridgestone/ Firestone tire will start to adopt the new regulation for tires produced starting the first DOT week of 2000. Full integration of the 11 digit DOT serial number will be completed during the 2nd quarter of 2000.

Tire dealers will need to list the new 11-digit DOT serial number on Tire Registration Cards and Warranty Claim Forms (both forms have space for 11-digits.)

The new DOT Serial Number format:

4D	HL	ABC	0508
Plant Code	Size Code	Option Code	Date Mfg.

Ex: 5th week of 2008

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC
 Bridgestone Technical Hotline 1-800-847-3272



BRIDGESTONE Firestone

TECHNICAL BULLETIN

April 1996

Ref. No. T9106TD

TBR Sidewall Repair and Identification

Background

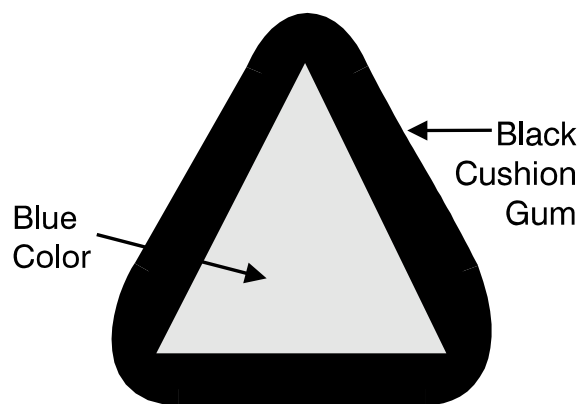
Radial truck tires can successfully be repaired in the sidewall area. When damaged body cord is removed and a reinforcing unit is used in the repair process, a radial sidewall bulge may be visible. In 1984, the Rubber Manufacturers Association (RMA) issued a bulletin stating that bulges up to 3/8" in height are permitted when associated with these repairs.

Issue

The Commercial Vehicle Safety Alliance (CVSA) is responsible for inspecting commercial vehicles for safety defects and placing vehicles out of service if defects such as tire separations or exposed cord/fabric are found. The inspectors, in the past have had difficulty distinguishing between sidewall bulges due to repairs (allowed) and tire separations.

Action

In October 1990, the CVSA agreed to accept the use of a blue triangular identification adjacent to a sidewall repair bulge. A vehicle will not be placed out of service if a tire repair bulge is 3/8" or less in height and is identified with an adjacent blue triangle. The retread and repair industry will be incorporating these identification patches into their sidewall repair procedures.



Sample Triangular
Identification Patch

Note: Actual Size

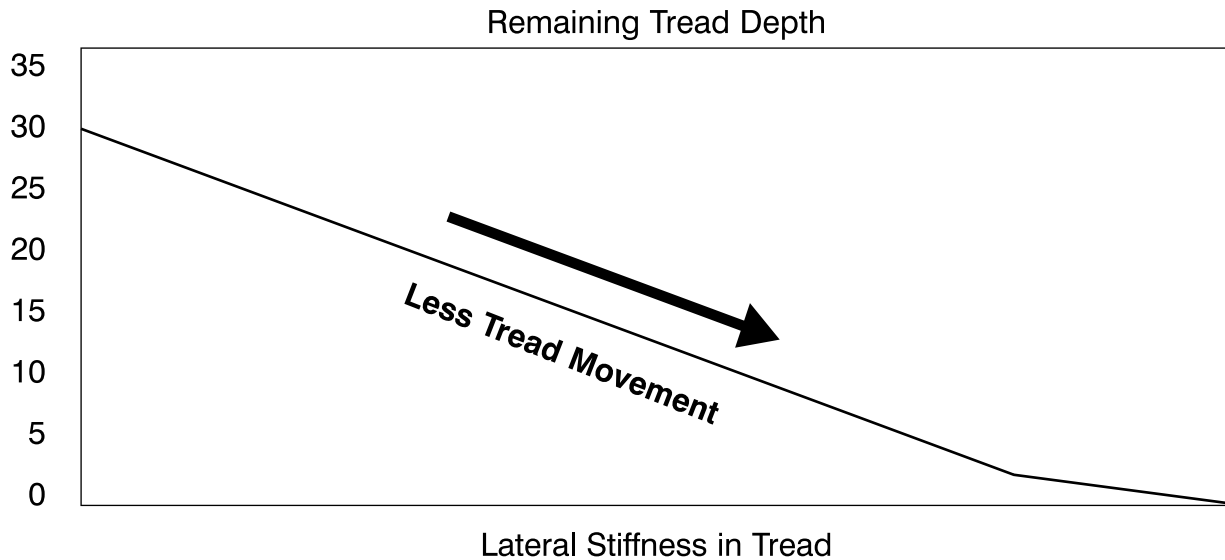
BRIDGESTONE Firestone

TECHNICAL BULLETIN

October 1995

Ref. No. T9502TI

Extra-Deep-Tread Tires' Lateral Stiffness Effects



Many drivers are aware of the feel of the trucks used on a daily basis in fleets, and are sometimes sensitive to the ride dynamics of fitment changes of new tire designs on the vehicle.

One of the sensations drivers notice is a side-to-side motion. This motion is the byproduct of what is commonly referred to as lateral stiffness.

The lateral stiffness of a tire is due in large part to inflation pressure, as well as the tire's tread depth. Both of these factors vary over time. Reduced inflation pressure and deeper tread depth results in lower lateral stiffness.

Therefore, some users may comment on experiencing a slight swaying with newly installed extra-deep-tread drive tires, especially under full load or after replacing worn drive tires.

The sensation the driver feels is the lateral stiffness effect of the extra-deep-tread drive tire compared to the worn tire being replaced and does not affect traction or warrant any concerns.

The lateral stiffness improves quickly as the tread wears and a driver will become accustomed to the initial difference in sensation.

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TECHNICAL BULLETIN

October 1995

Ref. No. T9501X

Bridgestone Firestone Chassis Dynamometer Test Guidelines for Truck/Bus Tires

I. Background

Vehicle manufacturers and many maintenance facilities conduct in-place vehicle testing on twin-roll chassis dynamometers. Testing is usually conducted over a short period of time on empty vehicles. If the following procedure is not adhered to, irreversible damage may occur to the tire.

II. Procedure

To prevent excessive head buildup in the center of the tire tread, follow the recommended time period based on roller diameter as listed below:

Maximum Allowable Time by Roller Diameter	
8-5/8" Roller	18" Roller
3.5 minutes	6 minutes

Maximum Allowable Speed is 55 mph.

Load: These time restrictions apply regardless of the actual load and are, in fact, more critical when the vehicle is tested without a load.

III. Precautions

To avoid the possibility of irreversible tire damage and/or failure during testing, it is important that the following precautions be taken:

- Do not exceed the time and speed restrictions listed in part II.
- Allow at least one hour cool down between tests.
- When it is anticipated that a test will exceed the time/test value established, a worn or "slave" tire should be used in place of the new tire for testing purposes.

Questions regarding test procedures, loads, etc. should be directed to your Regional Field Engineering Office.



Example of Dyno Damage

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC
 Bridgestone Technical Hotline 1-800-847-3272

BRIDGESTONE Firestone

TECHNICAL BULLETIN

January 2008

TB-2008-001 (Replaces TB-95-002)

Aftermarket Tire Products and Additives in Truck/Bus Tires

Bridgestone Firestone does not endorse or prohibit the use of aftermarket tire products. The use of internally applied additives for balance, sealing, cooling, or any other alleged tire performance enhancement in Bridgestone or Firestone brand truck/bus tires will not void the Limited Warranty unless an inspection of the tire reveals damage related to the use of the additive.

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC
Bridgestone Technical Hotline 1-800-847-3272

BRIDGESTONE Firestone

TECHNICAL BULLETIN

October 1991

Ref. No. G-008-X

Aerosol Tire Sealer/Inflators

Aerosol tire sealer/inflators have been used by large numbers of motorists each year and an undetermined number of tires now on the road, which have been filled with these devices, may have combustible gases in their air chambers.

Please read carefully and make sure all your employees read the attached publications that have been approved and distributed by the Rubber Manufacturers Association and the National Highway Safety Administration.

TIRE OR RIM REPAIR SAFETY BULLETIN



FACTS YOU SHOULD KNOW...

It is difficult to determine whether a tire has been inflated with a flammable aerosol type tire sealer/inflator. Therefore, if your establishment repairs or works on rims or on pressurized, rim-mounted tires, you should handle all of them as if they contain a flammable tire sealer-inflator.



The gases in the sealer/inflator, which can be poisonous, are combustible inside the tire. An explosion can occur if ANY ignition source is present. Even the insertion of a plug into a steel-belted tire could cause an explosion!

Proper safety precautions to avoid ignition of flammable gases MUST be followed during the repair or maintenance of ALL tires or rims.



Failure to follow these precautions and procedures may result in serious or even fatal injury.



PRECAUTIONS YOU SHOULD TAKE...

All tires should be handled as if a flammable tire sealer has been used. Do not rely upon the customer, even if he advises you that one has not been used. Customers may neglect to tell you or even may have forgotten they used a sealer/inflator.



Always make sure that the repair area is well-ventilated so that any gases that are present will not accumulate.



Never weld or use a cutting torch on a wheel or rim without first completely removing the tire from the rim. Otherwise, explosions resulting in possible serious or fatal injury can occur, even in the absence of flammable sealer/inflator.



Do not use a tire rasp, plug or any object which could cause sparks on a tire or rim without first completely removing the tire from the rim. These ignition sources could lead to an explosion.



Do not permit smoking or any flame, spark or other ignition source in the area where tires or rims are being kept.



Never add air to a tire treated with a flammable sealer/inflator without completely removing the flammable gas. Air added to a tire containing flammable gas may make it more explosive.

BEFORE BEGINNING REPAIRS OR SERVICE ON ANY RIM OR TIRE, YOU SHOULD ALWAYS FOLLOW THESE SAFETY PROCEDURES:



Remove the valve stem completely to release the tire pressure in a well-ventilated area, away from sparks or other ignition sources.



After the pressure has been released and before making any repairs, remove the tire from the wheel rim.

If you believe a sealer/inflator has been used, wash the inside of the tire with a detergent/water solution and rinse thoroughly. Allow the tire to dry before repairs are made.

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

BRIDGESTONE Firestone

TECHNICAL BULLETIN

October 1991

Ref. No. G-008-X



U.S. Department of
Transportation

News:

Office of the Assistant Secretary for Public Affairs
Washington, D.C. 20590

FOR IMMEDIATE RELEASE
Tuesday, September 24, 1991

CONSUMER ADVISORY

NHTSA 49-91
Contact: Skipp Calvert
Barry McCahill
Tel. No.: (202) 366-9550

**NHTSA WARNS ABOUT HAZARDS
OF FIXING TIRES FILLED
WITH AEROSOL INFLATORS**

The National Highway Traffic Safety Administration (NHTSA) today cautioned motorists and urged workers at service stations and auto and tire repair shops to be careful while fixing tires that have been filled with aerosol inflators.

According to NHTSA Administrator Jerry Ralph Curry, many of the aerosol inflators contain a flammable propellant that can cause an explosion under certain circumstances. "People in the tire repair business especially should be aware of the hazard and take precautions to reduce the risk of an explosion," he said.

Aerosol inflators, marketed under various brand names, are widely sold to the public for temporarily fixing tires that have gone flat because of slow leaks and small punctures, Curry said.

He said that despite flammability warnings on the cans and instructions for safe use, many consumers may be unaware of the potential danger. "Aerosol flat tire fixes should be considered as emergency, temporary repairs and used with caution. It is always preferable to have the tire repaired professionally or replaced.

"After filling a tire with an aerosol inflator, don't expose the tire to extreme heat, flames, sparks or other ignition sources. Be careful using metal tools like tire irons, metal reamers and hammers because they could cause sparks while being used to repair a tire," Curry said.

He noted that because aerosol inflators are used so commonly, consumers and service personnel should assume a tire may have been repaired previously with an aerosol product. "Before starting to fix a tire, remove the valve core and completely deflate the tire to eliminate as much of the aerosol propellant as possible. Then, inflate and deflate the tire a few times to completely remove all traces of the potentially explosive propellant. Once this is done, you may repair the tire without risk of explosion," Curry said.

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BRIDGESTONE Firestone

TECHNICAL BULLETIN

June 1991

Ref. No. G-004-X

Innertube Storage

Innertubes should always be stored in a sealed enclosure. If the seal is damaged or broken, reseal the enclosure or repackage the affected tubes to prevent premature ozone crack damage on tubes. Exposure to weather, open doors, sunlight, electric motors and fans can cause premature aging of the rubber compound, especially when folded. In addition, tubes stored in tires can be similarly affected if unprotected by a flap or rim.

Tubes with ozone crack damage should be replaced. Do not place these in service.

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC
Bridgestone Technical Hotline 1-800-847-3272

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

BRIDGESTONE Firestone

TECHNICAL BULLETIN

August 1991

Ref. No. T9106PD

Mismatching Tire Bead and Rim Diameters

There is danger in installing a tire of one rim diameter on a rim of a different rim diameter.

Always replace a tire on a rim with another tire of exactly the same rim diameter designation and suffix letter.

For example a 16" tire goes with a 16" rim. **Never mount a 16" size diameter tire on a 16.5" rim.** While it is possible to pass a 16" diameter tire over the lip or flange of a 16.5" size rim diameter, it cannot be inflated enough to position itself against the rim flange. If an attempt is made to seat the tire bead by inflation, the tire bead will break with explosive force and could cause serious injury or death.

Various materials have been published on the importance of properly matching tire bead and rim diameters prior to attempting to mount the assembly. Listed below is a sampling of that material.

Bridgestone:

1. Technical Bulletin #T9104TD

Sec. V Tire and Rim Matching Importance

Remember the importance of proper matching of tires and rims. In particular, special care must also be used in the mounting of any 16" diameter tire sizes, as well as the 15.5" and 17.5" sizes. The 16" size tire must be mounted only on the approved 16" rims and not the 15.5" or 16.5" rims. In addition, any 15" size

tire must be mounted only on approved 15" rims not on the 15.5" rim and any 17" size tire must be mounted only on approved 17" rims not on the 17.5" rim.

If mounting of a 15" diameter tire is attempted on a 15.5" rim, or a 16" tire is attempted to be mounted on a 16.5" rim, or a 17" tire is attempted to be mounted on 17.5" rim, serious injury or death may result.

2. Tire Label Safety Warning

Safety Warning

- Serious injury or death may result from an explosion of tire/rim assembly due to the use of excessive pressure during mounting.
- Never exceed 40 psi (275 kpa) to seat beads. After beads are seated, adjust inflation to pressure recommended by vehicle manufacturer.
- During tire inflation, always have assembly secured, stand clear, and use remote controlled clip on air hose.
- Only specially trained persons should mount tires.
- Mount only on 16 inch* diameter rims.

*Warning: Varies by tire size.

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BRIDGESTONE Firestone

TECHNICAL BULLETIN

August 1991

Ref. No. T9106PD

3. Molded Sidewall Safety Warning

Safety Warning: Serious Injury may result from:

- Tire failure due to underinflation/overloading – follow owner's manual or tire placard in vehicle.
- Explosion of tire/rim assembly due to improper mounting – never exceed 40 psi (275 kpa) to seat beads – mount only on 16 inch diameter rims* – only specially trained persons should mount tires.

*Warning: Varies by tire size.

Rubber Manufacturer Association (RMA):

1. Care and Service of Automobile and Light Truck Tires†

†Copies of the RMA material can be ordered from:

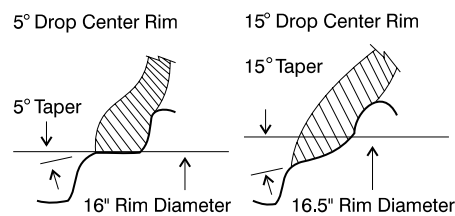
Rubber Manufacturers Association
1400 K Street N.W.
Washington, D.C. 20005

WARNING

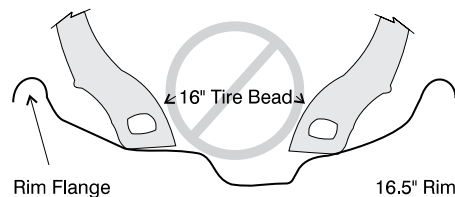
There is danger in installing a tire of one rim diameter on a rim of a different diameter. Always replace a tire on a rim with another tire of exactly the same rim diameter designation and suffix letters.

For example, a 16" tire goes with a 16" rim. Never mount a 16" size diameter tire on a 16.5" rim. While it is possible to pass a 16" diameter tire over the lip of 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 bead 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 the 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.



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2/3

BRIDGESTONE Firestone

TECHNICAL BULLETIN

August 1991

Ref. No. T9106PD

Medium Truck

Light Truck

General Technical

Load/Inflation

Technical Bulletins

WARNING

**Never inflate beyond 40 pounds pressure to seat beads.
Never stand, lean or reach over the assembly during inflation.**

Inspect both sides of the tire to be sure that the beads are evenly seated. If tire is mounted on a machine that does not have a positive lock - down devices to hold the wheel, inflation should be done in a safety cage. If both beads are not properly seated when pressure reaches 40 pounds, completely deflated the assembly, reposition the tire and/or tube on the rim, relubricate and reinflate. Inflating beyond 40 pounds air pressure when trying to seat the beads is a DANGEROUS PRACTICE that may break a tire bead (or even the rim) with explosive force, possibly resulting in serious injury or death. After the beads are fully seated, pressure may be increased above 40 psi to operating pressures, not to exceed the maximum labeled on the tire sidewall.

WARNING

Serious Injury May Result From:

- **Tire failure due to underinflation/overloading - follow owner's manual or tire placard in vehicle;**
- **Explosion of tire/rim assembly due to improper mounting - only specially trained persons should mount tires.**

WARNING

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 customer's 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.

2. **"Demounting and Mounting Procedures for Automobile Tires" (Wallchart)***
3. **"Tire Replacement Guide for Light Trucks" (Wallchart)***

Consumer Inquires:

If questioned by a consumer on this matter, it is recommended that you stress the following areas:

1. Bridgestone tires are designed with adequate strength to withstand mounting and dimounting stresses when correctly matched to rims of the correct diameter.
2. All Bridgestone 16" and 16.5" tires carry a safety warning permanently molded into the tire sidewall which directs trained personnel to mount only on the approved matching rim (example: "Mount only on 16 inch diameter rims.")

*Warning: Varies by tire size.

BRIDGESTONE Firestone

TECHNICAL BULLETIN

December 1990

Ref. No. T9101TD

Mounting Tubeless Truck Tires

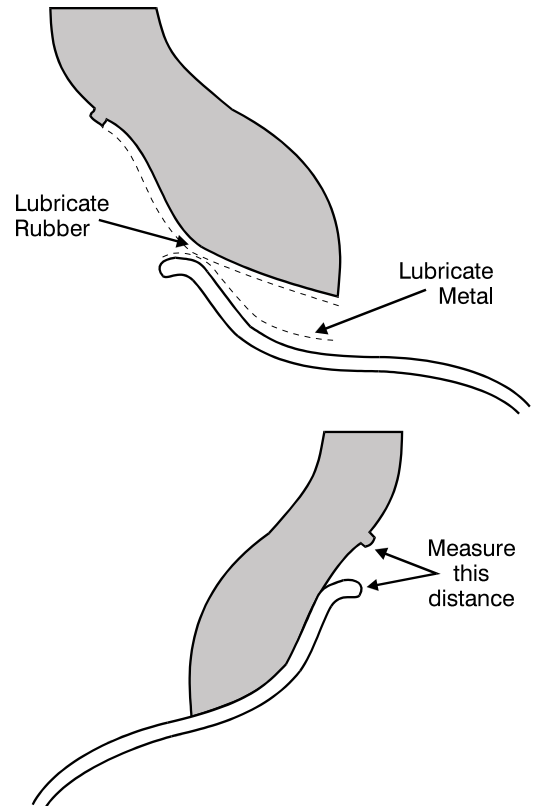
Proper mounting practices are mandatory to help ensure uniform tire/wheel assemblies for application to heavy duty trucks which use 22.5 and 24.5 bead diameter tubeless truck tires. Failure to follow the industry recommendations for mounting uniformity may result in improper tire bead/wheel fit and can lead to vehicle vibration and irregular tire wear.

Bridgestone recently conducted a tire mounting study involving tubeless tires of different brands, aspect ratios and bead diameters on new and used steel and aluminum wheels. Bridgestone tires included in this study were R299, R194-LP, R293 and R194 designs.

Results of the evaluation showed that regardless of the item combination checked, uniform assemblies were obtained when the following three practices were performed:

1. Clean the wheel or rim
 2. Lubricate the tire and beads AND WHEEL/RIM BEAD SEAT
 3. Check the assembly for concentricity
1. A used wheel/rim should be cleaned by wire brushing to remove rust, scale and build-up. Painting the cleaned metal with primer or anti-rust paint is recommended.
 2. Before assembling tire **and wheel/rim**, lubricate tire beads and wheel/rim seat with a vegetable oil-based lubricant formulated for tire and wheel/rim use. Do not use petroleum- or solvent-based products, as they cause rubber deterioration.
Failure to lubricate the wheel/rim as well as the tire can lead to a non-uniform assembly.
The best initial balance is obtained by matching the tire's light spot (marked by a yellow dot or circle) at the wheel/rim valve.
 3. To check the assembly for concentricity of a tire and wheel/rim, measure the distance between the tire-flange interface and the circumferential ring molded into the tire sidewall at four locations (90 degrees apart) around the tire-flange circumference. Distances measured should be within a 2/32" (1.5 mm) range for acceptable uniformity. If the ranges in distance within the same side of the tire are greater than this, break down assembly, re-lubricate and remount the tire.

Following these practices will reduce vehicle vibration and irregular wear occurrences. The first step in investigating these types of complaints should be the measurement of tire and wheel/rim concentricity to determine if non-uniform mounting is present, and the probable cause. If so, break down assembly, re-lubricate tire and wheel and remount tire.



**REMEMBER:
CLEAN!
LUBRICATE!
CHECK!
AND ALWAYS FOLLOW ALL OSHA,
RMA, AND MANUFACTURER
MOUNTING SAFETY
PRECAUTIONS!**

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC

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BRIDGESTONE Firestone

TECHNICAL BULLETIN

December 1987

Ref. No. T8701GD

Steam Cleaning Tires

CAUTION: Steam cleaning can damage a tire and render it unserviceable.

At many businesses throughout the United States, it is common practice to use "steam cleaning equipment" to wash trucks and tires.

Nozzle temperature on steam cleaning equipment typically reaches 280°F.

When a steam cleaning nozzle is held too close to the sidewall of a tire for as short a time as 45 seconds, a small spongy blister may appear on the sidewall. When this blister is cut open, one will observe reverted rubber resulting from the excessive localized heat.

Steam cleaning of tires can be harmful to tires when the nozzle is concentrated in one spot for a period of time.

BRIDGESTONE FIRESTONE NORTH AMERICAN TIRE COMPANY, LLC
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Medium Truck



R287A	R227F	R280	R260F	R250F & R250 ED
Innovative tread design and compounding allows shallower tread depth for irregular wear resistance. Features include Side Groove™ and Equalizer Rib™ technologies for higher mileage.	Unidirectional tread pattern and high-performance tread compounds, along with Side Groove™ and Equalizer Rib™ technologies promote improved fuel economy, long mileage, and outstanding wet traction in all line haul applications.	All-position radial designed for regional and long haul service. Features include Equalizer Rib™ and Defense Groove™ features plus stone rejectors.	All-position radial featuring high-scrub compounds, sidewall protectors, Equalizer Rib™ design and stone rejectors.	A five-rib design featuring wide, rounded shoulders, straight grooves and sidewall protector ribs for high-scrub regional service.
Michelin XZA3	Michelin XZA, XZE2+	Michelin XZA3, XZA-1+	Michelin XZE2	Michelin XZE2, XZE*, XRV
Goodyear G399, G395	Goodyear None	Goodyear G399, G395	Goodyear G169, G661, G662	Goodyear G169, G149, G661, G662

Light Truck

General Technical






M711	M729F	M895	M724F	R197
A deep-tread drive tire offering excellent mileage and traction. Staggered tread blocks distribute forces evenly for resistance to irregular wear.	A drive radial featuring a convex block design to resist irregular wear. Provides excellent long tread life and superior retreadability.	All-position radial with superior handling and reduced noise. Designed for steer and drive positions in metro or urban applications.	An all-position, all-season radial designed for steer and drive positions. Features sidewall protector ribs for resistance to curb damage.	Premium trailer radial with sidewall protectors and advanced irregular-wear fighting features. Superior fuel economy and long life.
Michelin XDE M/S, XDN2, XD4	Michelin XDE2+, XDS2	Michelin XZE, XDS2, XDE2+	Michelin XZE, XDS2, XDE2+	Michelin XT-1, XTA Energy
Goodyear G662, G182, G338, G124	Goodyear G622, G647	Goodyear G662, G647	Goodyear G647, G622, G633	Goodyear G316






Load/Inflation





Technical Bulletins



M860	M850	M843	M840	M857
Wide tread to enhance handling and deep tread depth for longer mileage. Sidewall protectors resist scrubbing and curbing. Stone rejectors help protect casing from damage.	An aggressive, wide and deep tread on/off-highway design provides excellent traction, long mileage, and long wear. Stone rejectors help protect casing from damage.	Extra-deep rib-lug radial designed for use on all wheel positions in all on/off-highway applications. Resists cuts, tearing, and irregular wear.	An all-position on/off-highway radial. Tread compound features anti-chip and cut capability for use on unimproved roads.	A rib-lug tread design for use on all wheel positions in on/off-highway applications such as dump trucks, logging rigs, and refuse haulers.
Michelin XZUS, XZY3	Michelin XZY3	Michelin XZY3, XZUS	Michelin XZY, XTY2	Michelin None
Goodyear G289, G287	Goodyear G287, G288	Goodyear G287, G288	Goodyear G288	Goodyear G286

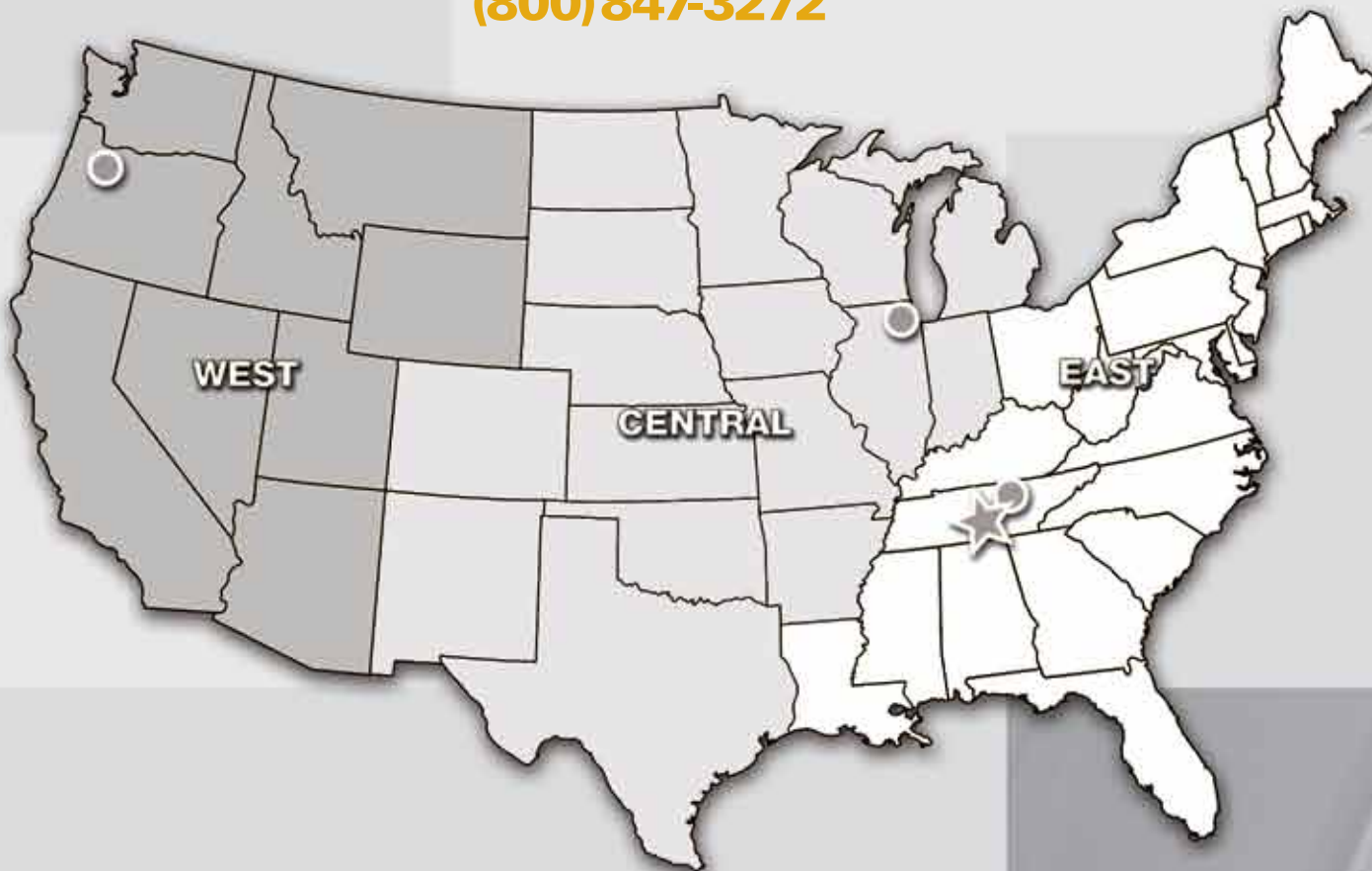
				
M720	M726 EL	M726	Greeatec® M825	M725
Low rolling-resistance drive radial promotes fuel efficiency. Solid shoulder ribs and aggressive inner blocks provide long, even wear and high traction.	Up to 32/32" tread depth drive tire with solid shoulders and aggressive inner blocks to provide long, even wear and high traction.	Extra-deep drive tire with solid shoulder ribs delivers long tread life, maximum traction and even wear.	Wide base drive tire replaces 295/75R22.5 dual assemblies. Aggressive tread design for good traction. Long-wearing compounds, and Waved Belt™ technology for enhanced casing stability.	An extra-deep tread drive radial that provides aggressive traction, high scrub-resistance and long mileage. Center groove platforms reject damaging stones and a long-wearing tread compound increases tire life.
Michelin XDA5, XDA3, XDA Energy	Michelin XDN2, XDA5, XDA3	Michelin XD2	Michelin X One XDN2, X One XDA Energy	Michelin XDN2, XDE M/S, XD4
Goodyear G305, G362, G372	Goodyear G372, G362	Goodyear G622, G164	Goodyear None	Goodyear G622, G182, G338

				
R195F	Greeatec® R125	R196	R294	R184
A trailer radial with sidewall protector ribs, Equalizer Rib™ and Defense Groove™ features to combat irregular wear. Tread siping provides all-weather traction.	Wide base trailer tire replaces 295/75R22.5 duals. Features Equalizer Rib™ and Defense Groove™ technologies to combat irregular wear and Waved Belt™ technology for enhanced casing durability.	A five-rib radial designed for high-scrub, free-rolling axles such as spread axles and tri-axle trailers.	A five-rib, all-position, tire provides excellent control on wet surfaces.	Five rib pattern designed for low-platform, high-load trailer service. Multiple cross-rib sipes for a firm grip on wet roads. Continuous shoulders fight maneuvering scrub.
Michelin XT-1, XTA Energy	Michelin X One XTA, X One XTE	Michelin XTE	Michelin XZA1, XZA2 Energy	Michelin XTA, XTE2, XTA2 Energy
Goodyear G316	Goodyear None	Goodyear G316, G661	Goodyear G291	Goodyear G114

				
L320	L317	M775	M844F	L315
A deep-tread, high-traction lug design for drive axles in on/off-highway service. Special tread compounds are cut-, chip-, tear- and irregular wear-resistant.	A deep-tread off-highway, high-traction lug design for drive axles. Tread compound is cut- and chip-resistant.	A deep-tread drive axle on/off-highway tire, designed for the special demands of the logging and construction industries.	An on/off-highway wide base tire with a self-cleaning tread pattern designed for use on all wheel positions. Innovative tread compound is cut- and chip-resistant.	Aggressive lug tread designed for axles carrying extra-heavy loads in on/off-highway service. Special tread compound resists cuts, chips, tearing and irregular wear. Wide base design for higher payload and outstanding flotation.
Michelin XDL, XDY3, XDY-2, XDY-EX	Michelin XDL	Michelin XDY-EX, XDY3, XDY-2	Michelin XZY3, XZL, XZUS, XFE	Michelin XZY3, XZL
Goodyear G177, G282	Goodyear G177	Goodyear G177, G282	Goodyear G178, G286, G296	Goodyear G178, G286, G296

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BRIDGESTONE

BridgestoneTrucktires.com

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