



LIGHT TRUCK, TRUCK AND BUS LOAD INFLATION TABLE

			MAXIMUM LOAD AT VARIOUS TYRE INFLATIONS																																																
			HP	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825	850	875	900																					
15"		LOAD INDEX	OD/RRP	PSI	36	40	44	47	51	55	58	62	65	69	73	77	80	84	87	90	94	98	102	106	109	112	116	120	123	127	131																				
215/65R15	104/102R	OD	661	S	1,300	1,410	1,510	1,610	1,710	1,800																																									
		RK	499	D	2,460	2,660	2,840											3,040	3,220	3,400																															
195/85R15	113/111L	OD	709	S						1,650	1,710	1,770	1,840	1,900	1,990	2,070	2,130	2,190	2,240	2,300																															
		RK	485	D						3,100	3,240	3,360	3,480	3,600	3,760	3,920	4,040	4,140	4,260	4,360																															
215/70R15	109/107S	OD	678	S	1,470	1,550	1,630	1,700	1,770	1,840	1,910	1,970										2,040																													
		RK	487	D	2,800	2,950	3,090	3,230	3,360	3,490	3,620	3,740	3,900																																						
650R15	89R/109R	OD	724	S			1,310	1,380	1,440	1,500	1,560	1,630	1,690	1,750 (8)										1,810	1,870	1,940 (10)																									
		RK	456	D			2,500	2,620	2,740	2,860	2,980	3,100	3,220	3,340 (8)										3,460	3,560	3,680 (10)																									
700R15	109/129R	OD	752	S	1,270	1,370	1,450	1,540	1,620	1,700	1,770	1,840	1,910	2,000	2,040	2,120	2,180 (10)										2,240	2,300	2,360 (12)																						
		RK	439	D	2,420	2,600	2,760	2,920	3,100	3,260	3,360	3,460	3,560	3,760	3,920	4,040	4,140	4,260	4,360	4,460	4,560	4,660	4,760	4,860	4,960	5,060	5,160	5,260	5,360	5,460	5,560																				
750R15	12 1/2R 120/118L	OD	781	S	1,470	1,580	1,680	1,770	1,860	1,950	2,040	2,120	2,200	2,300	2,360	2,440	2,520 (10)										2,570	2,660	2,720 (12)																						
		RK	420	D	2,800	3,000	3,200	3,360	3,540	3,700	3,880	4,040	4,200	4,360	4,480	4,640	4,800	4,860	5,040	5,160	5,280																														
750R15	135/133L	OD	769	S										2,860	2,920	3,080	3,130	3,300	3,410	3,520	3,630	3,740	3,840	3,950	4,050	4,160	4,260	4,360																							
	4 Type Axle	RK	433	D										5,390	5,610	5,820	6,030	6,240	6,450	6,650	6,860	7,060	7,260	7,460	7,660	7,850	8,050	8,240	8,440																						
825R15	143/141L	OD	845	S										10,780	11,210	11,640	12,060	12,480	12,900	13,300	13,720	14,120	14,520	14,920	15,320	15,700	16,100	16,480																							
	4 Type Axle	RK	395	D										3,860	4,000	4,130	4,270	4,400	4,530	4,660	4,790	4,920	5,050	5,180	5,310	5,440	5,570	5,700	5,830	5,960																					
	8 Type Axle	RK	395	D										6,780	7,040	7,290	7,550	7,800	8,060	8,310	8,560	8,820	9,070	9,320	9,570	9,810	10,060	10,300																							
1000R15	148/145L	OD	916	S										13,560	14,080	14,580	15,060	15,600	16,120	16,620	17,120	17,640	18,140	18,640	19,140	19,620	20,120	20,600																							
	4 Type Axle	RK	395	D										4,130	4,290	4,450	4,610	4,770	4,930	5,090	5,240	5,400	5,550	5,700	5,850	6,010	6,160	6,310	6,390																						
	8 Type Axle	RK	395	D										7,590	7,890	8,190	8,485	8,780	9,070	9,360	9,650	9,940	10,220	10,500	10,780	11,060	11,330	11,600	11,880																						
15"		OD/RRP	PSI	36	40	44	47	51	55	58	62	65	69	73	77	80	84	87	90	94	98	102	106	109	112	116	120	123	127	131																					
185/70R15	106/104L	OD	658	S						1,090	1,190	1,280	1,380	1,470	1,560	1,640	1,730	1,820	1,900																																
		RK	501	D						2,080	2,260	2,440	2,600	2,780	2,940	3,120	3,280	3,440	3,600																																
195/70R15	109/107L	OD	668	S						1,570	1,630	1,690	1,750	1,800	1,850	1,910	1,960	2,010	2,060																																
		RK	494	D						2,320	2,520	2,700	2,880	3,040	3,220	3,400	3,560	3,720	3,900																																
215/60R15	110/108L	OD	656	S						1,280	1,330	1,380	1,440	1,490	1,540	1,590	1,640	1,690	1,740	1,790	1,840	1,890	1,940	1,990	2,040	2,090	2,140	2,190	2,240	2,290	2,340																				
		RK	510	D						2,300	2,500	2,700	2,880	3,100	3,282	3,460	3,640	3,840	4,000																																
16"		OD/RRP	PSI	36	40	44	47	51	55	58	62	65	69	73	77	80	84	87	90	94	98	102	106	109	112	116	120	123	127	131																					
205/75R16	113/111L	OD	714	S						1,700	1,750	1,820	1,890	1,950	2,010	2,070	2,130	2,190	2,240	2,300																															
		RK	462	D						3,200	3,320	3,460	3,580	3,700	3,800	3,920	4,040	4,140	4,260	4,360																															
225/75R16	121/120N	OD	746	S						1,750	1,878	2,006	2,133	2,261	2,389	2,517	2,644	2,772	2,900	3,028																															
		RK	442	D						3,200	3,467	3,733	4,000	4,267	4,533	4,800	5,067	5,333	5,600																																
185/85R16	111/109L	OD	723	S						1,600	1,660	1,730	1,790	1,850	1,900	1,960	2,020	2,070	2,130	2,180																															
		RK	456	D						3,000	3,140	3,260	3,380	3,500	3,600	3,700	3,820	3,920	4,020	4,120																															
195/85R16	114/112L	OD	738	S						1,750	1,800	1,870	1,930	2,000	2,060	2,120	2,180	2,240	2,300	2,360																															
		RK	447	D						3,300	3,420	3,540	3,680	3,800	3,900	4,020	4,140	4,260	4,360	4,460																															
205/85R16	117/115L	OD	767	S						1,900	1,960	2,030	2,100	2,180	2,240	2,310	2,380	2,450	2,520	2,570																															
		RK	438	D						3,600	3,720	3,840	3,980	4,120	4,240	4,360	4,500	4,620	4,740	4,860																															
215/85R16	120/118L	OD	769	S						2,060	2,120	2,200	2,280	2,360	2,440	2,520	2,590	2,660	2,730	2,800																															
		RK	429	D						3,900	4,020	4,180	4,340	4,480	4,600	4,740	4,880	5,020	5,160	5,280																															
650R16	109R 109/107M	OD	750	S	1,190	1,280	1,360	1,440	1,510	1,600	1,660	1,730	1,790	1,850	1,920	1,980	2,060																																		
		RK	440	D	2,260	2,440	2,580	2,740	2,860	3,000	3,160	3,280	3,400	3,500	3,640	3,760	3,900																																		
700R16	109R/129R	OD	718	S	1,230	1,430	1,530	1,610	1,690	1,750	1,860	1,930	2,000	2,060	2,140	2,220	2,300 (10)										2,340	2,420	2,500 (12)																						
		RK	425	D	2,520	2,720	2,880	3,060	3,220	3,300	3,520	3,660	3,800	3,900	4,080	4,240	4,360 (10)										4,440	4,600	4,720 (12)																						
750R16	129R/149R	OD	812	S	1,520	1,630	1,740	1,830	1,930	2,000	2,120	2,200	2,280	2,360	2,440	2,520	2,600	2,640	2,760	2,820	2,900 (12)										2,960	3,000 (14)																			
		RK	406	D	2,880	3,100	3,300	3,480	3,660	3,800	4,040	4,200	4,320	4,480	4,640	4,800	4,960	5,000	5,240	5,360	5,440 (12)										5,520	5,600 (14)																			
825R16	149R	OD	861	S						2,560	2,660	2,760	2,860	2,960	3,060	3,150	3,240	3,330	3,420																																
		RK	383	D						4,880	5,080	5,260	5,460	5,640	5,820	6,000	6,180	6,340	6,520																																
17"		OD/RRP	PSI	36	40	44	47	51	55	58	62	65	69	73	77	80	84	87	90	94	98	102	106	109	112	116	120	123	127	131																					
8.5R17.5	122/120L	OD	809	S													2,440	2,480	2,540	2,625	2,680	2,760	2,880	3,000																											
		RK	405	D													4,640	4,700	4,800	4,960	5,055	5,200	5,400	5,600																											
9.5R17.5	129/127M	OD	847	S													2,680	2,720	2,890	2,990	3,100	3,200	3,300	3,400	3,510	3,600	3,700																								
		RK	391	D													5,070	5,270	5,470	5,670	5,860	6,060	6,250	6,440	6,630	6,820	7,000																								
9.5R17.5	143/141L	OD	845	S													3,490	3,630	3,760	3,900	4,030	4,160	4,290	4,420	4,550	4,680	4,810	4,940	5,070	5,200	5,330	5,455																			
	4 Type Axle	RK	392	D													6,590	6,850	7,110	7,370	7,620	7,880	8,130	8,370	8,620	8,860	9,110	9,350	9,590	9,830	10,070	10,300																			
	8 Type Axle	RK	381	D													13,180	13,700	14,220	14,740	15,260	15,780	16,260	16,740	17,240	17,720	18,220	18,700	19,180	19,660	20,140	20,600																			
10R17.5	143/141L	OD	869	S													3,590	3,730	3,860	4,000	4,130	4,270	4,400	4,530	4,670	4,800	4,930	5,060	5,190	5,320	5,450																				
	4 Type Axle	RK	381	D													6,780	7,040	7,290	7,550	7,800	8,060	8,310	8,560	8,820	9,070	9,320	9,570	9,810	10,060	10,300	10,540																			
	8 Type Axle</																																																		

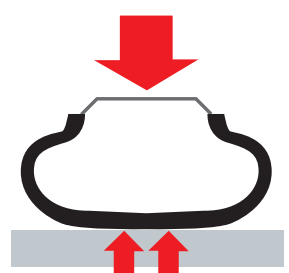
S= single mounted axle D= dual mounted axle Based on ETRTO / TRAA & JATMA Standards

RECOMMENDATIONS

- Tyres should be inflated to the pressures indicated in the table (inflation pressures corresponding to the "in service" axle loads)
- Tyre inflation pressure to be checked on a bi-weekly basis
- Pressure check to be done on "cold" tyres
- An increasing tyre pressure during running is normal and shall not be adjusted

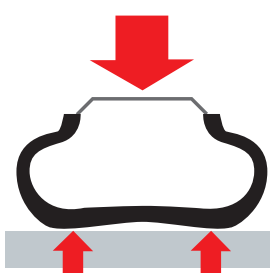
NOTES

- Load limits and inflation pressures are based on ETRTO, TRAA & JATMA Standards
- Load capacity differs depending on single mounted or dual mounted axle
- Nominal loads in **bold**



OVERINFLATION - POSSIBLE CONCERNS

- Irregular wear
- Increased impact fracture and penetration failures
- Compromised driver comfort
- Increased wear on vehicle suspension components
- Reduced vehicle handling - loss of traction
- Increased risk of fragile load damage



UNDERINFLATION - CONSEQUENCES

- Irregular wear
- Increased fuel consumption
- Ply end separation in bead area
- Rim chafing
- Reduced vehicle response - slow steering response, decreased lateral stability
- Increased heat built-up that can cause blow-out

LOAD INDEX (LI)							
Lt.	Kg	Lt.	Kg	Lt.	Kg	Lt.	Kg
60	250	105	925	150	3,350	195	12,150
61	257	106	950	151	3,450	196	12,500
62	265	107	975	152	3,550	197	12,850
63	272	108	1,000	153	3,650	198	13,200
64	280	109	1,030	154	3,750	199	13,600
65	290	110	1,060	155	3,875	200	14,000
66	300	111	1,090	156	4,000	201	14,500
67	307	112	1,120	157	4,125	202	15,000
68	315	113	1,150	158	4,250	203	15,500
69	325	114	1,180	159	4,375	204	16,000
70	335	115	1,215	160	4,500	205	16,500
71	345	116	1,250	161	4,625	206	17,000
72	355	117	1,285	162	4,750	207	17,500
73	365	118	1,320	163	4,875	208	18,000
74	375	119	1,360	164	5,000	209	18,500
75	387	120	1,400	165	5,150	210	19,000
76	400	121	1,450	166	5,300	211	19,500
77	412	122	1,500	167	5,450	212	20,000
78	425	123	1,550	168	5,600	213	20,600
79	437	124	1,600	169	5,800	214	21,200
80	450	125	1,650	173	6,000	215	21,800
81	462	126	1,700	171	6,150	216	22,400
82	475	127	1,750	172	6,300	217	23,000
83	487	128	1,800	173	6,500	218	23,600
84	500	129	1,850	174	6,700	219	24,300
85	515	130	1,900	175	6,900	220	25,000
86	530	131	1,950	176	7,100	221	25,750
87	545	132	200	177	7,300	222	26,500
88	560	133	2,060	178	7,500	223	27,250
89	580	134	2,120	179	7,750	224	28,000
90	600	135	2,180	180	8,000	225	29,000
91	615	136	2,240	181	8,250	226	30,000
92	630	137	2,300	182	8,500	227	30,750
93	650	138	2,360	183	8,750	228	31,500
94	670	139	2,430	184	9,000	229	32,500
95	690	140	2,500	185	9,250	230	33,500
96	710	141	2,575	186	9,500	231	34,500
97	730	142	2,650	187	9,750	232	35,500
98	750	143	2,725	188	10,000	233	36,500
99	775	144	2,800	189	10,300	234	37,500
100	800	145	2,900	190	10,600	235	38,750
101	825	146	3,000	191	10,900	236	40,000
102	850	147	3,075	192	11,200	237	41,250
103	875	148	3,150	193	11,500	238	42,500
104	900	149	3,250	194	11,800	239	43,750

Variation In Load Carrying Capacity With Speed								
SPEED (km/h)	Variation in Load (L) Carrying Capacity (%)							
	Load Index ≥ 122					Load Index ≤ 121		
	Speed Symbol (§§)					Inflation Pressure Compensation %		
						Speed Symbol (§§)	Inflation Pressure Compensation %	
F	G	J	K	L-M		L	M	
Static	+150	+150	+150	+150	+40%	+110	+110	+40%
5	+110	+110	+110	+110	+40%	+90	+90	+35%
10	+80	+80	+80	+80	+30%	+75	+75	+35%
15	+65	+65	+65	+65	+25%	+60	+60	+30%
20	+50	+50	+50	+50	+21%	+50	+50	+30%
25	+35	+35	+35	+35	+17%	+42	+42	+30%
30	+25	+25	+25	+25	+13%	+35	+35	+30%
35	+19	+19	+19	+19	+11%	+29	+29	+30%
40	+15	+15	+15	+15	+10%	+25	+25	+30%
45	+13	+13	+13	+13	+9%	+22	+22	+28%
50	+12	+12	+12	+12	+8%	+20	+20	+25%
55	+11	+11	+11	+11	+7%	+17.5	+17.5	+22%
60	+10	+10	+10	+10	+6%	+15.5	+15.5	+18%
65	+7.5	+8.5	+8.5	+8.5	+4%	+13.5	+13.5	+15%
70	+5.0	+7.0	+7.0	+7.0	+2%	+12.5	+12.5	+15%
75	+2.5	+5.5	+5.5	+5.5	+1%	+10.0	+11.0	+14%
80	0.0	+4.0	+4.0	+4.0	0%	+10.0	+10.0	+12%
85	-3.0	+2.0	+3.0	+3.0	0%	+8.5	+8.5	+10%
90	-6.0	0.0	+2.0	+2.0	0%	+7.5	+7.5	+9%
95	-10.0	-2.5	+1.0	+1.0	0%	+6.5	+6.5	+8%
100	-5.0	0.0	0.0	0.0	0%	+5.0	+5.0	+6%
105	-8.0	-2.0	0.0	0.0	0%	+3.5	+3.75	+4%
110	-13.0	-4.0	0.0	0.0	0%	+2.5	+2.5	+2%
115		-7.0	-3.0	0.0	0%	+1.25	+1.25	+1%
120		-12.0	-7.0	0.0	0%	0	0	0%
125					0%	-2.5	0	0%
130						-5	0	0%
135						-7.5	-2.5	0%
140						-10	-5	0%
170								+3%
180								+5%
190								+8%
200								+11%
210								+13%

The Load Indices quoted in the above table are for tyres in single fitment

SPEED INDEX		PRESSURE CONVERSION			
Speed Symbol	Speed (km/h)	kPa	Bar	PSI (lb/in²)	Kg/cm²
A1	5	100	1.0	15	1.0
A2	10	150	1.5	22	1.5
A3	15	200	2.0	29	2.0
A4	20	250	2.5	36	2.6
A5	25	300	3.0	44	3.1
A6	30	350	3.5	51	3.6
A7	35	400	4.0	58	4.1
A8	40	450	4.5	65	4.6
B	50	500	5.0	73	5.1
C	60	550	5.5	80	5.6
D	65	600	6.0	87	6.1
E	70	650	6.5	94	6.6
F	80	700	7.0	102	7.1
G	90	750	7.5	109	7.7
J	100	800	8.0	116	8.2
K	110	850	8.5	123	8.7
L	120	900	9.0	131	9.2
M	130	950	9.5	138	9.7
N	140	1000	10.0	145	10.2
P	150	1050	10.5	152	10.7
Q	160				
R	170				
S	180				
T	190				
U	200				
H	210				
V	240				
W	<270				
Y	≤300				
Z	>240				