



TECHNICAL BULLETIN

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REVISION NO.: 1

SALES SEGMENT: ALL PIRELLI PRODUCT SEGMENTS

SUBJECT: Load Index and Speed Symbol

SUMMARY:

To maintain proper vehicle dynamics and load carrying capacity, replacement tires must always have a Load Index and Speed Symbol equal to or greater than the tires fitted as Original Equipment.

PIRELLI DOES NOT RECOMMEND, ENDORSE, OR ENCOURAGE IN ANY WAY A REDUCTION IN SPEED SYMBOL AND/OR LOAD INDEX UNDER ANY CIRCUMSTANCE.

DETAILS:

Changing the Load Index or Speed Symbol may adversely change the driving capabilities of the vehicle. The Load Index must always be equal to or greater than the Load Index for the corresponding Original Equipment tires.

FOR WINTER TIRES ONLY the Speed Symbol may be less than that of the Original Equipment fitment, but the vehicle speed limit is reduced to correspond with the replacement tires' rating.

The vehicle tire placard and Owner's manual specify the original equipment size, speed symbol and load index. Never choose a smaller size or lower carrying capacity or speed symbol than the size shown on the placard or specified in the Owner's manual.

Speed rated tires have an influence on vehicle response and recovery at all speed ranges. Speed rated tires are not just designed for a maximum sustained speed but also for vehicle handling dynamics at all speeds.

Below is the maximum speed each symbol is rated for. Although customers may ask you to fit lower speed rated tires to reduce cost, you must remind them of the potentially adverse effects on handling and guide them to the proper speed symbol.

SPEED SYMBOL		MAXIMUM SPEED	
ZR -	(Y)	Above 186 mph	Above 300 km/h
	Y	186 mph	300 km/h
	W	168 mph	270 km/h
	V	149 mph	240 km/h
	H	130 mph	210 km/h
	U	124 mph	200 km/h
	T	118 mph	190 km/h
	S	112 mph	180 km/h
	R	105 mph	170 km/h
	Q	99 mph	160 km/h
	P	93 mph	150 km/h
N	86 mph	140 km/h	
M	80 mph	130 km/h	
L	74 mph	120 km/h	



Set forth below is a LOAD INDEX chart with the applicable load that a tire can support at the maximum pressure.

LOAD INDEX	MAXIMUM LOAD PER TIRE		LOAD INDEX	MAXIMUM LOAD PER TIRE	
	Kg.	Lbs.		Kg.	Lbs.
70	335	738	97	730	1609
71	345	760	98	750	1653
72	355	783	99	775	1708
73	365	804	100	808	1764
74	375	826	101	825	1819
75	387	853	102	850	1874
76	400	882	103	875	1919
77	412	908	104	900	1984
78	425	937	105	925	2039
79	437	963	106	950	2094
80	450	992	107	975	2149
81	462	1018	108	1000	2205
82	475	1047	109	1030	2271
83	487	1074	110	1060	2337
84	500	1102	111	1090	2403
85	515	1135	112	1120	2469
86	530	1168	113	1150	2535
87	545	1201	114	1180	2601
88	560	1234	115	1215	2679
89	580	1278	116	1250	2756
90	600	1323	117	1285	2833
91	615	1356	118	1320	2910
92	630	1389	119	1360	2998
93	650	1433	120	1400	3087
94	670	1477	121	1450	3197
95	690	1521	122	1500	3307
96	710	1565	123	1550	3417

If you have any questions about a Pirelli branded tire and its acceptable fitment, please contact the Consumer Affairs Group at 1-800-PIRELLI (747-3554) or contact your Pirelli Sales Representative.