



## TECHNICAL BULLETIN

PIRELLI TIRE NORTH AMERICA MARKET QUALITY

### **IMPORTANT REMINDER**

**DATE REVISED:**

May 15, 2007

**SALES SEGMENT:**

ALL PIRELLI PRODUCT SEGMENTS

**SUBJECT:**

LOAD INDEX / SPEED RATING

**SUMMARY:**

**TO MAINTAIN PROPER VEHICLE DYNAMICS AND LOAD CARRYING CAPACITY, REPLACEMENT TIRES MUST ALWAYS HAVE A LOAD INDEX AND SPEED RATING EQUAL TO OR GREATER THAN THOSE FITTED AS ORIGINAL EQUIPMENT.**

PIRELLI DOES NOT RECOMMEND, ENDORSE, ENCOURAGE IN ANY WAY A REDUCTION IN SPEED RATING AND OR LOAD INDEXES UNDER ANY CIRCUMSTANCE.

### **LOAD INDEX RATING / SPEED RATING**

**CHANGING THE LOAD INDEX / SPEED RATING MAY ADVERSELY CHANGE THE DRIVING CAPABILITIES OF THE VEHICLE. THE LOAD INDEX RATING MUST ALWAYS BE EQUAL TO OR GREATER THAN THE LOAD INDEX RATING FOR THE CORRESPONDING ORIGINAL EQUIPMENT TIRE.**

**FOR WINTER TIRES ONLY the Speed symbol may be less than the ORIGINAL EQUIPMENT FITMENT, which would limit the vehicle speed to the maximum value permitted by the tires. Check the vehicle marquee for vehicle specifics. **BUT NEVER A LOWER LOAD INDEX!!!!****

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

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

Below is the maximum speed each rating can cover. 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 code.

SPEED SYMBOL	MAXIMUM SPEED	PASSENGER	LIGHT TRUCK
Z	above 149 mph	yes	
(Y)	above 186 mph	yes	
Y	186 mph	yes	yes
W	168 mph	yes	yes
V	149 mph	yes	yes
H	130 mph	yes	yes
U	124 mph	yes	yes
T	118 mph	yes	yes
S	112 mph	yes	yes
R	105 mph	yes	yes
Q	99 mph	yes	yes
P	93 mph	yes	yes
N	86 mph	yes	yes

Set forth below is a LOAD INDEX chart with the applicable load, in pounds, that a tire can support at maximum pressure for that given index.

Load Index	LBS	Load Index	LBS	Load Index	LBS
65	639	94	1477	123	3417
66	661	95	1521	124	3527
67	677	96	1565	125	3638
68	694	97	1609	126	3748
69	716	98	1653	127	3858
70	739	99	1709	128	3968
71	761	100	1764	129	4079
72	783	101	1819	130	4189
73	805	102	1874	131	4299

74	827	103	1929	132	4409
75	853	104	1984	133	4541
76	882	105	2039	134	4674
77	908	106	2094	135	4806
78	937	107	2149	136	4938
79	963	108	2205	137	5071
80	992	109	2271	138	5203
81	1019	110	2337	139	5357
82	1047	111	2403	140	5512
83	1074	112	2469	141	5677
84	1102	113	2535	142	5842
85	1135	114	2601	143	6008
86	1168	115	2679	144	6173
87	1201	116	2756	145	6393
88	1235	117	2833	146	6614
89	1279	118	2910	147	6779
90	1323	119	2998	148	6944
91	1356	120	3086	149	7165
92	1389	121	3197	150	7385
93	1433	122	3307		

IF YOU HAVE ANY QUESTIONS ABOUT A PIRELLI BRANDED TIRE AND ITS ACCEPTABLE FITMENT PLEASE CONTACT THE CUSTOMER RELATIONS DEPARTMENT AT 1-800-PIRELLI (747-3554) OR CONTACT YOUR PIRELLI SALES REPRESENTATIVE.