

AUTOIST MUST BE ON LOOKOUT FOR UNDERSIZED TIRES

Recent Action of Engineers Is Reason for Warning Against Fraud; Especially Timely.

Recent action of the Society of Automotive Engineers, wherein that organization made a revision of the table of carrying weights for tires of various sizes, causes K. A. Price, local Firestone representative, to caution motor car owners and tire buyers against buying tires that are undersized, and suggests that the scales be consulted before accepting casings. He notes the following means for determining the weight each tire should carry:

Run the front half of the car on the platform scales, then the rear half. The weight carried by each tire will be half the respective amounts registered.

The approach to the scales should be level and, if reasonable care is exercised, the total of the two operations will be within 20 or 30 pounds of the weight of the car when all of it is upon the scales.

The following table shows the maximum weight permissible on each tire and the various pressures recommended by the Society of Automotive Engineers:

Size of Tire	Load on Tire	Inflation Pressure
2 1/2 inch	520 lbs.	40 lbs.
3 inch	580 lbs.	45 lbs.
3 1/2 inch	640 lbs.	50 lbs.
4 inch	700 lbs.	55 lbs.
4 1/2 inch	760 lbs.	60 lbs.
5 inch	820 lbs.	65 lbs.
5 1/2 inch	880 lbs.	70 lbs.
6 inch	940 lbs.	75 lbs.
6 1/2 inch	1000 lbs.	80 lbs.
7 inch	1060 lbs.	85 lbs.
7 1/2 inch	1120 lbs.	90 lbs.
8 inch	1180 lbs.	95 lbs.
8 1/2 inch	1240 lbs.	100 lbs.
9 inch	1300 lbs.	105 lbs.
9 1/2 inch	1360 lbs.	110 lbs.
10 inch	1420 lbs.	115 lbs.
10 1/2 inch	1480 lbs.	120 lbs.
11 inch	1540 lbs.	125 lbs.
11 1/2 inch	1600 lbs.	130 lbs.
12 inch	1660 lbs.	135 lbs.
12 1/2 inch	1720 lbs.	140 lbs.
13 inch	1780 lbs.	145 lbs.
13 1/2 inch	1840 lbs.	150 lbs.
14 inch	1900 lbs.	155 lbs.
14 1/2 inch	1960 lbs.	160 lbs.
15 inch	2020 lbs.	165 lbs.
15 1/2 inch	2080 lbs.	170 lbs.
16 inch	2140 lbs.	175 lbs.
16 1/2 inch	2200 lbs.	180 lbs.
17 inch	2260 lbs.	185 lbs.
17 1/2 inch	2320 lbs.	190 lbs.
18 inch	2380 lbs.	195 lbs.
18 1/2 inch	2440 lbs.	200 lbs.
19 inch	2500 lbs.	205 lbs.
19 1/2 inch	2560 lbs.	210 lbs.
20 inch	2620 lbs.	215 lbs.
20 1/2 inch	2680 lbs.	220 lbs.
21 inch	2740 lbs.	225 lbs.
21 1/2 inch	2800 lbs.	230 lbs.
22 inch	2860 lbs.	235 lbs.
22 1/2 inch	2920 lbs.	240 lbs.
23 inch	2980 lbs.	245 lbs.
23 1/2 inch	3040 lbs.	250 lbs.
24 inch	3100 lbs.	255 lbs.
24 1/2 inch	3160 lbs.	260 lbs.
25 inch	3220 lbs.	265 lbs.
25 1/2 inch	3280 lbs.	270 lbs.
26 inch	3340 lbs.	275 lbs.
26 1/2 inch	3400 lbs.	280 lbs.
27 inch	3460 lbs.	285 lbs.
27 1/2 inch	3520 lbs.	290 lbs.
28 inch	3580 lbs.	295 lbs.
28 1/2 inch	3640 lbs.	300 lbs.
29 inch	3700 lbs.	305 lbs.
29 1/2 inch	3760 lbs.	310 lbs.
30 inch	3820 lbs.	315 lbs.
30 1/2 inch	3880 lbs.	320 lbs.
31 inch	3940 lbs.	325 lbs.
31 1/2 inch	4000 lbs.	330 lbs.
32 inch	4060 lbs.	335 lbs.
32 1/2 inch	4120 lbs.	340 lbs.
33 inch	4180 lbs.	345 lbs.
33 1/2 inch	4240 lbs.	350 lbs.
34 inch	4300 lbs.	355 lbs.
34 1/2 inch	4360 lbs.	360 lbs.
35 inch	4420 lbs.	365 lbs.
35 1/2 inch	4480 lbs.	370 lbs.
36 inch	4540 lbs.	375 lbs.
36 1/2 inch	4600 lbs.	380 lbs.
37 inch	4660 lbs.	385 lbs.
37 1/2 inch	4720 lbs.	390 lbs.
38 inch	4780 lbs.	395 lbs.
38 1/2 inch	4840 lbs.	400 lbs.
39 inch	4900 lbs.	405 lbs.
39 1/2 inch	4960 lbs.	410 lbs.
40 inch	5020 lbs.	415 lbs.
40 1/2 inch	5080 lbs.	420 lbs.
41 inch	5140 lbs.	425 lbs.
41 1/2 inch	5200 lbs.	430 lbs.
42 inch	5260 lbs.	435 lbs.
42 1/2 inch	5320 lbs.	440 lbs.
43 inch	5380 lbs.	445 lbs.
43 1/2 inch	5440 lbs.	450 lbs.
44 inch	5500 lbs.	455 lbs.
44 1/2 inch	5560 lbs.	460 lbs.
45 inch	5620 lbs.	465 lbs.
45 1/2 inch	5680 lbs.	470 lbs.
46 inch	5740 lbs.	475 lbs.
46 1/2 inch	5800 lbs.	480 lbs.
47 inch	5860 lbs.	485 lbs.
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48 inch	5980 lbs.	495 lbs.
48 1/2 inch	6040 lbs.	500 lbs.
49 inch	6100 lbs.	505 lbs.
49 1/2 inch	6160 lbs.	510 lbs.
50 inch	6220 lbs.	515 lbs.
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55 inch	6820 lbs.	565 lbs.
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56 inch	6940 lbs.	575 lbs.
56 1/2 inch	7000 lbs.	580 lbs.
57 inch	7060 lbs.	585 lbs.
57 1/2 inch	7120 lbs.	590 lbs.
58 inch	7180 lbs.	595 lbs.
58 1/2 inch	7240 lbs.	600 lbs.
59 inch	7300 lbs.	605 lbs.
59 1/2 inch	7360 lbs.	610 lbs.
60 inch	7420 lbs.	615 lbs.
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65 inch	8020 lbs.	665 lbs.
65 1/2 inch	8080 lbs.	670 lbs.
66 inch	8140 lbs.	675 lbs.
66 1/2 inch	8200 lbs.	680 lbs.
67 inch	8260 lbs.	685 lbs.
67 1/2 inch	8320 lbs.	690 lbs.
68 inch	8380 lbs.	695 lbs.
68 1/2 inch	8440 lbs.	700 lbs.
69 inch	8500 lbs.	705 lbs.
69 1/2 inch	8560 lbs.	710 lbs.
70 inch	8620 lbs.	715 lbs.
70 1/2 inch	8680 lbs.	720 lbs.
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84 inch	10300 lbs.	855 lbs.
84 1/2 inch	10360 lbs.	860 lbs.
85 inch	10420 lbs.	865 lbs.
85 1/2 inch	10480 lbs.	870 lbs.
86 inch	10540 lbs.	875 lbs.
86 1/2 inch	10600 lbs.	880 lbs.
87 inch	10660 lbs.	885 lbs.
87 1/2 inch	10720 lbs.	890 lbs.
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94 inch	11500 lbs.	955 lbs.
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136 inch	16540 lbs.	1375 lbs.
136 1/2 inch	16600 lbs.	1380 lbs.
137 inch	16660 lbs.	1385 lbs.
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159 inch	19300 lbs.	1605 lbs.
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160 inch	19420 lbs.	1615 lbs.
160 1/2 inch	19480 lbs.	1620 lbs.
161 inch	19540 lbs.	1625 lbs.
161 1/2 inch	19600 lbs.	1630 lbs.
162 inch	19660 lbs.	1635 lbs.
162 1/2 inch	19720 lbs.	1640 lbs.
163 inch	19780 lbs.	1645 lbs.
163 1/2 inch	19840 lbs.	1650 lbs.
164 inch	19900 lbs.	1655 lbs.
164 1/2 inch	19960 lbs.	1660 lbs.
165 inch	20020 lbs.	1665 lbs.
165 1/2 inch	20080 lbs.	16