

## LOAD CAPACITY OF TOYO PROXES® TQ™ TIRES

Toyo Tire U.S.A. Corp. is introducing the following sizes in the Proxes TQ product line that are designed using the Light Load (LL) standard of the Tire and Rim Association (T.R.A.);

P275/45R16 94 LL  
P275/40R17 93 LL  
P315/35R17 93 LL  
P345/40R17 106 LL  
P315/35R18 95 LL

### Load Identification

Under the T.R.A.'s designation, tire load is divided into three categories: Light Load (LL), Standard Load (SL), and Extra Load (XL). Each refers to the tire's ability to carry a certain load at a given air pressure. Tires designed for LL, SL, XL duty are usually identified as such on the tire sidewall.



Figure 1 - Light Load molded into sidewall

**CAUTION!** A Light Load tire carries less load at the same inflation pressure and has a lower maximum load capacity than the equivalent Standard Load size. Figure 2 below shows the different load capacities of the three different categories of tires of the same size.

**Tire Load vs. Inflation Pressure**  
**P205/40R16**

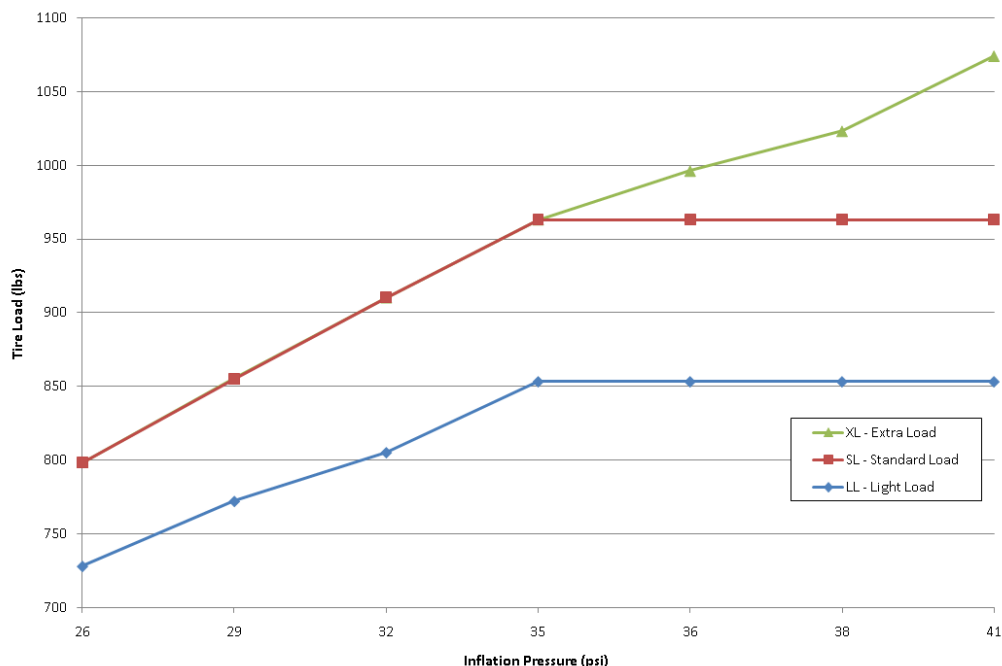


Figure 2 - Tire Load vs. Inflation Chart

**General Advice for Determining Correct Inflation Pressure:**

“Plus size” tires, including the subject tires, may require higher inflation pressures than what is indicated on the vehicle Tire Information Placard or in the vehicle Owner’s Manual. Any “plus size” tire should be inflated to a pressure that provides equal or greater load capacity compared to the original equipment (O.E.) tire. Always refer to tire industry load & inflation tables to determine correct inflation values when installing “plus sizes”, or contact Toyo Tires for assistance.

** WARNING!**

Always observe this advice to avoid overloading the tire. Tire overload will contribute to tire fatigue and eventual tire failure. Tire failure may lead to an accident, which may result in injury or death.

Single Load per tire in pounds

Size		Tire Load Limit at Various Cold Inflation Pressures					
		PSI	26	29	32	35	36
P275/45R16	94LL	lbs.	1,190	1,279	1,356	1,433	1,477
P275/40R17	93LL	lbs.	1,235	1,301	1,367	1,433	
P315/35R17	93LL	lbs.	1,246	1,323	1,378	1,433	
P345/40R17	106LL	lbs.	1,687	1,808	1,929	2,039	2,094
P315/35R18	95LL	lbs.	1,224	1,312	1,400	1,477	1,521

Figure 3 - T.R.A. Load & Inflation Table

Questions may be directed to Toyo Tires’ Consumer Relations Group at:  
1-800-442-8696 (Pacific Time, Monday through Friday, 8am-5pm).

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Load and inflation tables are published by The Tire & Rim Association, Inc. 175 Montrose West Ave., Suite 150, Copley, Ohio 44321. For additional information, refer to the Toyo Tires Passenger and Light

**Toyo Tire U.S.A. Corp.**  
**PO Box 6052**  
**Cypress, CA 90630-5249**  
**www.toyo.com**