

# TOYO TIRE TALK

## Subject : INFLATION PRESSURE -part2 --- Proper Inflation pressure

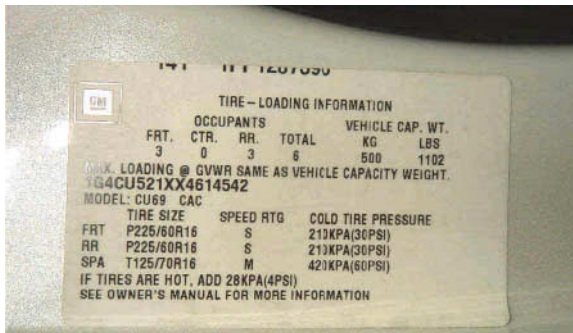
In the first of the series, we strongly recommended diligent inflation maintenance for preventing 'underinflation' and increasing safety. The aim for inflation maintenance is preventing tire damage caused by 'underinflation'.

Proper inflation also improves various tire performance, such as even wear, increased traction, handling, lower rolling resistance, and ride comfort.

It's not always easy to find the recommend inflation pressures. Some of your customers may be incorrectly inflating their tires.

Therefore, we strongly recommend you to advise them on correct pressures.

### Tire Information Placard on a Vehicle



Above photographs are examples of the '**Tire Information placard**' on a vehicle.

There is various information regarding the OE tires printed on the placard. Most importantly the vehicle manufacture's recommended inflation pressures can be found on this. The 'Tire Information Placard' can be located in various places; such as the door jam or glove box.

**This is the best place to get information regarding 'Proper inflation'.**

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Tire Load-Pressure Table (provided on standard; TRA ETRTO etc.)

1-18 2001 - THE TIRE AND RIM ASSOCIATION, INC. - 2001

"P" TYPE TIRES USED ON PASSENGER CARS AND STATION WAGONS									
TIRE AND RIM ASSOCIATION STANDARD									
TABLE P-1									
See pages 1-03 thru 1-07 for TIRE SELECTION PROCEDURE									
TIRE SIZE DESIGNATION	TIRE LOAD LIMITS AT VARIOUS COLD INFLATION PRESSURES								
	STANDARD LOAD					LOAD INDEX	EXTRA LOAD		
	kPa	180	200	220	240		260	280	LOAD INDEX
psi	26	29	32	35		38	41		
60 SERIES (CONTINUED)									
P205/60*16	kg	535	565	590	615	91			
	lbs.	1179	1246	1301	1356				
P215/60*16	kg	580	610	640	670	94			
	lbs.	1279	1345	1411	1477				
P225/60*16	kg	625	660	690	730	97			
	lbs.	1378	1455	1521	1609				
P235/60*16	kg	670	710	745	775	99			
	lbs.	1477	1565	1642	1709				
P285/60*18	kg	935	985	1035	1090	111			
	lbs.	2061	2172	2282	2403				

The table above is provided in the 2001 TRA Year Book. It shows the designed maximum load capacity calculated at each inflation pressure, but not the recommended pressure.

## Maximum Inflation Information on Tire Sidewall



As shown above, tires have the maximum load and pressure indicated on the sidewall. Many drivers misunderstand this as the correct inflation pressure for the tire. It is the maximum cold inflation pressure, not the 'proper inflation' pressure.

As we have seen, there is a lot of information regarding tire pressures, but some don't express 'proper inflation' for a vehicle. In many cases this will only confuse your customers.

Therefore informing your customers about 'proper inflation' is one of the most important jobs for us.

In this TTT, we explained where to find the 'Proper Inflation' pressure for the original equipment tire on the vehicle. We will introduce 'Proper Inflation' for plus-sizing in the near future.