

Original equipment P Metric tires are sometimes replaced with LT or Flotation sizes. If such a replacement is requested, it is important to assure both the inflation pressure and load are sufficient for the vehicle and service involved.

The table shown on page two defines the correct replacement combinations and make it easy for you to assure the tire size and inflation pressure are sufficient once you have confirmed the vehicle placard original tire size, rim width and inflation pressure.

An Example From The Table

To replace P235/75R15 size tires on a vehicle, with this size shown on the placard as the original equipment size with 35 psi inflation, two LT sizes are acceptable providing that 15 psi is added to the inflation pressure. From the table, the LT235/75R15(C) and 30x9.50R15(C) sizes are acceptable at 50 psi. 35 psi is not acceptable in either of the replacement tire sizes.

Also note from the table, in all cases an inflation pressure increase is required when an LT or Flotation size tire is substituted for a P metric size. The amount of increase, 5 to 20 psi, depends on the tire sizes involved.

Important:

-Always refer to the vehicle owner's manual and vehicle tire information placard located on the glove box door, door edge, or door post for the correct original equipment tire size, load rating, speed rating, and inflation pressure. Replacement tires should be the same size designation as shown on the vehicle tire information placard or as recommended by the vehicle or tire manufacturer.

-Always check the vehicle or tire manufacturers recommendation before replacing a tire with a different size or load rating and construction. In some cases, the vehicle manufacturer may require different sized tires for the front and rear axles.

-Never choose a tire, with less load carrying capacity than the size and load capacity specified on the vehicle tire information placard.

- If vehicle placard specifies a tire size in the styles listed below, the following may be acceptable candidate substitute sizes; purchase of new wheels may be required. Check recommended rim widths and vehicle clearance. Check rim for proper load and inflation capacity.
- Letter in parentheses denotes Tire Load Range.

Radial Passenger P-Metric Tire Size on Light Truck

RADIAL PASSENGER P-METRIC TIRE SIZE ON LIGHT TRUCK VEHICLE PLACARD ¹	LIGHT TRUCK METRIC OPTION (+/- psi)	FLOTATION OPTION (+/- psi)
P185/75R14	LT185/75R14 (C) (+15)	NONE
P195/75R14	LT195/75R14 (C) (+15)	NONE
P205/75R14	LT195/75R14 (C) (+15)	27x8.50R14LT (+15)
P215/75R14	LT215/75R14 (C) (+15)	NONE
P185/70R14	LT175/75R14 (C) (+15)	NONE
P195/70R14	LT185/75R14 (C) (+15)	27x8.50R14LT (+10)
P205/70R14	LT195/75R14 (C) (+15)	27x8.50R14LT (+15)
P215/70R14	LT215/70R14 (C) (+15)	27x8.50R14LT (+15)
P225/70R14	NONE	NONE
P185/65R14	LT175/75R14 (C) (+10)	NONE
P185/60R14	LT175/75R14 (C) (+ 5)	NONE
P195/60R14	LT175/75R14 (C) (+10)	NONE
P205/60R14	LT185/75R14 (C) (+10)	NONE
P215/60R14	LT195/75R14 (C) (+15)	27x8.50R14LT (C) (+10)
P195/75R15	LT195/75R15 (C) (+15)	29x9.50R15LT (C) (+ 5)
P205/75R15	LT205/75R15 (C) (+15)	29x9.50R15LT (C) (+ 5)
P215/75R15	LT215/75R15 (C) (+15)	29x9.50R15LT (C) (+10)
P225/75R15	LT235/75R15 (C) (+10)	30x9.50R15LT (C) (+10)
P235/75R15	LT235/75R15 (C) (+15)	30x9.50R15LT (C) (+15)
P235/75R15 (XL)	LT235/75R15 (D) (+20)	31x10.50R15LT (C) (+15)
P245/75R15	LT255/75R15 (C) (+15)	NONE
P265/75R15	NONE	32x11.50R15LT (C) (+15)
P205/70R15	LT195/75R15 (C) (+15)	NONE
P215/70R15	LT205/75R15 (C) (+15)	29x9.50R15LT (C) (+10)
P225/70R15	LT215/75R15 (C) (+15)	29x9.50R15LT (C) (+15)
P235/70R15	LT235/75R15 (C) (+15)	30x9.50R15LT (C) (+10)
P245/70R15	LT245/70R15 (C) (+15)	NONE
P255/70R15	LT255/70R15 (C) (+15)	31x10.50R15LT (C) (+15)
P195/65R15	LT195/75R15 (C) (+ 5)	NONE
P205/65R15	LT195/75R15 (C) (+15)	NONE
P215/65R15	LT205/75R15 (C) (+15)	29x9.50R15LT (C) (+ 5)
P205/60R15	LT195/75R15 (C) (+10)	NONE
P225/60R15	LT215/75R15 (C) (+10)	29x9.50R15LT (C) (+ 5)
P235/60R15	LT215/75R15 (C) (+15)	29x9.50R15LT (C) (+10)
P275/60R15	LT255/70R15 (C) (+15)	31x10.50R15LT (C) (+15)
P245/70R16	LT255/70R16 (D) (+20)	NONE
P225/60R16	LT225/75R16 (C) (+ 5)	NONE
P245/50R16	NONE	NONE
P275/60R17	LT285/60R17 (C) (+15)	NONE

Please note the following:

- * P-Metric tires are derated 10% for load in LT applications
- * For P-Metric replacement sizes, refer to RMA's "Replacement Guide for Passenger Car Tires"
- * XL = Extra Load
- *When applying LT tires replacing P-Metric OE tires, check with the vehicle manufacturer to be sure the rim/wheel is appropriate for the required higher inflation pressures.
- * Vehicle handling may be affected when P-Metric tires are replaced with LT tires.
- * 65 and lower series tires are often performance tires and may have no replacement tires.

¹ For more information on tire replacement, please refer to the following Rubber Manufacturers Association (RMA) publications: *Tire Replacement Guide for Light Trucks* and *Replacement Guide for Passenger Car Tires*. RMA can be contacted at 1400 K Street, NW, Suite 900, Washington, DC 20005, (202) 682-4800 phone, (202) 682-4854 fax, www.rma.org, or info@rma.org.

