



## INFORMATION SERVICE BULLETIN

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## TIRES ON CERTAIN GLOBALIZED ("EURO") VANS

There has been an increase in the variety of vans sold in the North American market that are based on platforms used around the world by vehicle manufacturers. These vans are commonly used in commercial service and come in various sizes and configurations with efficiency and cargo flexibility in mind.

This TISB is a reminder about proper tire replacement guidelines, particularly as it applies to globalized ("Euro") vans and the differences in tire size designations that may be applied to them.

## NOTE

Before replacing tires, always refer to and follow the vehicle manufacturer's tire replacement recommendations and restrictions.

Like all other vehicles, when considering tire replacement for Euro vans, carefully determine the tire size designation for the original equipment tires and the recommended replacement tires as specified on the vehicle tire placard, certification label, or in the vehicle owner's manual. Depending on the van and its configuration, it may be equipped with P-Metric, LT-Metric, European Metric (Passenger), or European Commercial Metric tires.

Figures 1 and 2 are examples of placards from one of these increasingly popular model vans. These placards show that European C-Type tires are specified (note the "C" at the end of the tire size code).



FIGURE 1 (Above): Example Vehicle Certification Label

TIRE AND LOADING INFORMATION

SEATING CAPACITY - TOTAL 2 FRONT 2 REAR 0

THE COMBINED WEIGHT OF OCCUPANTS AND CARGO SHOULD NEVER EXCEED 177 8 Kg OR 3872 V

TIRE FRONT REAR SPARE

ORIGINAL TIRE SIZE 225/75R16C 225/75R16C 225/75R16C

COLD TIRE INFLATION 450 kPa / 65 PSI 500 kPa / 72 PSI 500 kPa / 72 PSI

SEE OWNERS MANUAL FOR ADDITIONAL INFORMATION

FIGURE 2(Right): Example Vehicle Tire Placard

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Tires with different size designations may not be interchangeable even if they have similar dimensions. For example, an LT-metric tire may not be a suitable replacement for a C-Type European Commercial Metric tire, even if the tires have similar section width, aspect ratio, and rim codes. Such tires typically have significantly different load carrying capacities. In other words: An LT225/75R16 is not the same as a 225/75R16C.

| Tire Type                            | Size Code   | Load Index and<br>Speed Symbol | Load<br>Identification | Maximum Load Capacity<br>at Rated Pressure |         |
|--------------------------------------|-------------|--------------------------------|------------------------|--|---------|
| P-Metric<br>(Passenger)              | P225/75R16  | 104T                           | Standard Load          | 900 kg                                     | 240 kPa |
| European<br>Metric (Passenger)       | 225/75R16   | 104T                           | Standard Load          | 900 kg                                     | 250 kPa |
| LT-Metric<br>(Light Truck)           | LT225/75R16 | 115/112R                       | Load Range E           | 1215/1120 kg                               | 550 kPa |
| C-Type European<br>Commercial Metric | 225/75R16C  | 121/120R                       | Load Range E           | 1450/1400 kg                               | 575 kPa |

## NOTE

The "C" at the end of the size designation in Figure 3 below identifies the tire as a C-Type European Commercial Metric tire. The "C" is not a load range. The load range is marked separately on the tire sidewall as shown in Figure 4.



FIGURE 3: Size and Service Description of an Example C-Type European Commercial Metric Tire



FIGURE 4: Load Range, Max Load and Pressure Specifications for the Example Tire Shown in Figure 3