Michelin Technical Bulletin

USE OF 2" OUTSET WHEELS
with MICHELIN® X ONE® TIRES

The X One® tires (445/50R22.5 and 455/55R22.5) require the use of 22.5"x14" wheels. The majority of the wheels currently offered have a 2" outset[1].

Some axle and hub manufacturers have recently clarified and confirmed their position concerning the use of such wheels with their respective components. While the position of the component manufacturers is not totally consistent, the majority's view concerning the retrofit of duals with X One® tires can be summarized as follows:

AXLE TYPE [2]	SPINDLE TYPE	WHEEL RECOMMENDATION
Drive axles	"R"	2" outset wheels
Trailer axles	"P"	2" outset wheels
Trailer axles	"N"	Check with component manufacturer

Truck and trailer manufacturers may have different specifications. For optimum track width, stability and payload, end-users should talk to their trailer suppliers about the use of 83.5" axles with zero outset wheels.

The X One tire offers substantial weight and fuel savings. As with all of our products, our customers should be accurately informed about the proper use of the tire. The above information should be shared with end-users when discussing the use of the X One tires.

End-users that have retrofitted vehicles with 2" outset wheels should contact their respective vehicle, axle or component manufacturers for specific application approvals or maintenance recommendations.

For additional information concerning the proper use of Michelin's X One tires, please call your Michelin representative or Michelin's Consumer Relations at 1-888-622-2306.

(1) Distance from the centerline of the tire to the inside surface of the wheel dish.
(2) Many other axle and spindle combinations exist. Contact axle manufacturer.

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