# **Consumer Advisory**

TSD-12-023



## Recommended Mounting and Rotation Instructions for Toyo Proxes® RR Tires

### THIS CONSUMER ADVISORY APPLIES ONLY TO TOYO PROXES RR TIRES.

#### Visible Tread Splice

A competition tire, like the Toyo Proxes RR tire, will likely encounter sudden and significant vehicular forces. Such forces may result in the appearance of the tire's tread splice, as circled below.<sup>1</sup>



When it first appears, a visible tread splice is cosmetic in nature and does not negatively impact the safety or performance of the tire. The appearance of a visible tread splice is not a defect in the tire. However, unless appropriate steps are taken, this condition may result in an open tread splice, which will require the tire to be immediately removed from service and replaced.<sup>2</sup>

#### **Recommended Tire Mounting and Rotation**

To mitigate the appearance and expansion of a visible tread splice, we recommend the following mounting and rotation instructions.<sup>3</sup> The orientation of the tire for mounting and rotation purposes is based on the D.O.T. date code identifier located on the sidewall of the tire, as circled below.



<sup>&</sup>lt;sup>1</sup> The combined tractive and other vehicle forces exerted on a competition tire may result in extremely high momentary shearing forces being placed on a tire's tread splice. These high shearing forces may result in the visible appearance of the tire's tread splice.

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<sup>&</sup>lt;sup>2</sup> If a tire with a visible tread splice continues to be driven on and a gap between the leading and trailing edges of the tread slab appears, the tire should be immediately removed from service and replaced.

<sup>&</sup>lt;sup>3</sup> The recommended mounting and rotation instructions help reduce the shearing forces on the tire's tread splice. The objective is to have the tire roll across its tread splice when exposed to its most severe challenges of acceleration and braking. Since the shearing forces on a skidding tire are opposite of a spinning tire, we recommend mounting tires on a non-driven axle in opposite orientation relative to the driven axle.

Below are the recommended tire mounting and rotation instructions.



#### Inspection

We recommend that you thoroughly inspect all tires on a regular basis and after each use that involves substantial acceleration and/or braking.

For more information, please contact Toyo Tire U.S.A. Corp.'s Consumer Relations Department at (800) 442-8696.

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