TECHNICAL BULLETIN



6/12/14 TS2014-GTP-001

TIRE REPLACEMENT RECOMMENDATIONS FOR CONSUMER TIRES

REPLACING FOUR (4) TIRES

When replacing tires on a vehicle, it is recommended and preferred that all four tires be replaced at the same time for continued optimal vehicle performance. In some cases, the vehicle manufacturer may specifically advise against replacing less than all four tires. For 4WD and AWD vehicles, even small differences in outside diameter may cause drive-train damage or mechanical malfunction.

IMPORTANT: Always check the vehicle manufacturer's recommendations for OEM recommendations, including load carrying capacity, inflation pressure and speed rating before replacing a tire.

REPLACING TWO (2) TIRES

When a pair of replacement tires is selected in the same size and construction as those on the vehicle, the two newer tires must_be installed on the rear axle. All tires must have the same speed rating and must have equal or higher speed rating than the tire that came as original equipment on the vehicle. New tires with deeper tread will provide better grip and evacuate water more effectively, which is important as a driver approaches potential hydroplaning situations. Having bigger traction capability in the rear axle on wet surfaces is necessary to prevent a possible oversteer condition and loss of vehicle stability and control.

REPLACING ONE (1) TIRE

Replacing a single tire on a vehicle can have an adverse affect on suspension systems, gear ratios, transmission, and tire treadwear. If single tire replacement is unavoidable, it is recommended that the single new tire be paired with the tire that has the deepest tread depth and both be placed on the rear axle. Placing greater traction on the rear axle on wet surfaces is necessary to prevent a possible oversteer condition and loss of vehicle stability and control. In any case, this replacement must be considered temporary only. Not recommended on permanent basis.