

MICHELIN TECHNICAL BULLETIN

September 1, 2005

X One® Tires – Driver Information

Pressure Maintenance:



Drivers have commented that an under-inflated X One® tire is more likely to be detected with a simple visual inspection than duals. However, pressure is difficult to gauge visually even for the most experienced driver.

Drivers should always use a properly calibrated gauge when verifying the air pressure of an X One tire and should not rely on the aspect of the tire.

If the tire is 20% below the recommended air pressure, it must be considered flat, removed and inspected for punctures or other damage.

Failure to do so may cause tire failure.

Vehicle Handling:



Drivers have commented that the wide, stable footprint of the X One tire can provide the feel of a much more stable truck compared to traditional dual tires. However, while most X One fitments allow the track of the tractor and trailer to be widened, the vehicle's behavior in curves (on ramps or off ramps) is still subject to roll-over at excessive speeds.

Drivers should not let the outstanding handling of the X One tire give them a false sense of stability in curves.

Drivers should always respect all posted speed limits regardless of tire fitment. Failure to do so may cause vehicle to tip.

Rapid Air Loss Techniques:



Extensive testing has shown that a rapid air loss on an X One tire will not compromise the stability and behavior of the vehicle. However, with one tire on each axle end, the loss of air pressure will allow the wheel and axle end to drop and possibly contact the road surface.

To avoid additional damage to the tire, wheel and axle due to tire/wheel lock-up and brake drag, **Drivers** should be encouraged to decelerate gradually through down shifting, use of trailer brake (when appropriate) or by pumping the brakes during the initial phase of deceleration to allow some rotation of the assembly.

Failure to do so may cause irreparable damage to the tire, wheel, axle components and vehicle.

A copy of this technical bulletin should be presented to all current and future X One® tire customers.

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