



Safety Alert

Hazard Alert: High potential for injury and death through accidental disassembly of Multiple Piece Rim components

Tyre and rim assemblies are safe when correctly fitted, inflated and maintained.

Improperly fitted tyre and rim assemblies however, during and following inflation, can cause serious injury or death through the accidental disassembly of any of the components.

Multiple piece rims are particularly hazardous as their integrity and functionality is dependant on both sound tyre maintenance practises as well as the integrity and fit of the rim components themselves.

Of particular importance is the **fit of the lock-ring** as it secures all rim components and the tyre **making the whole assembly safe**.

Poor fitting practises, less than adequate workplace conditions such as poor lighting, water and grime on rim parts, tools etc., damaged and or corroded rim components can all result in lock-rings not being fitted properly during the assembly causing them to slip out of their design position during or post inflation, resulting in the highly dangerous disassembly of the rim components. The force and velocity of this event is sufficient to cause serious injury or death to personnel, even at distance.

Therefore, you must ensure that...

- Only competent and trained personnel carry out this task
- Only compatible rim components are used
- All rim components have been cleaned and inspected for damage, distortion or wear
- Components have been fitted properly and correctly and the lock- ring is tapped correctly into its seat
- Inflation is done in a safety inflation cage
- Proper Seating of the lock-ring is checked during inflation

Please ensure the above points are followed each time you carry out this work, and if you are in doubt, ask your supervisor.

Stay safe

Tilman Rasche
Mgr. Health and Safety

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