



Loss Control Insights

Wheel Detachments

Wheel detachments occur at a rate of 100-120 per week and 45 to 50% of wheel separations are caused by loose wheel nuts.

Lug locks on any type of truck wheel to improve safety and reduce the risk of the lug nuts loosening or falling off. The possibility of wheel-off accidents, wheel-end damage and loose lug nuts is minimized and improves truck safety.

A single wheel nut management system for wheel loss prevention on commercial vehicles is being used by a number of communities. The at-a-glance safety device provides individual visual indication when a wheel nut is backing off. For some models a marker appears and the action simultaneously “locks” the nut’s position on the wheel hub and prevents additional nut back-off. The systems are most often easily adapted to individual wheel designs.



There are many benefits for this type of system including:

- Provides a clear visual check in all weather and light conditions
- Reduces the risk of potential wheel loss (Protecting the public and avoiding owner or third party personal, vehicle, property & load damage, lost time & costly towing, road call fees & wheel repairs)
- Inexpensive, reusable and recyclable

