

## Wheel-Checks and How they Work

Wheel-Checks are a loose wheel nut indicator that can identify a loose wheel nut with a simple visual inspection.

When the wheel nuts are properly torqued to specs, the Wheel-Checks are then placed on the wheel nuts in a uniform pattern.

The way the Wheel-Check system works is once a wheel nut has loosened, the Wheel-Check will become out of sequence. It will be visible when the driver does his walk around check and it is the driver's responsibility to call maintenance and have the wheel thoroughly serviced. (safe and unsafe picture on the left)

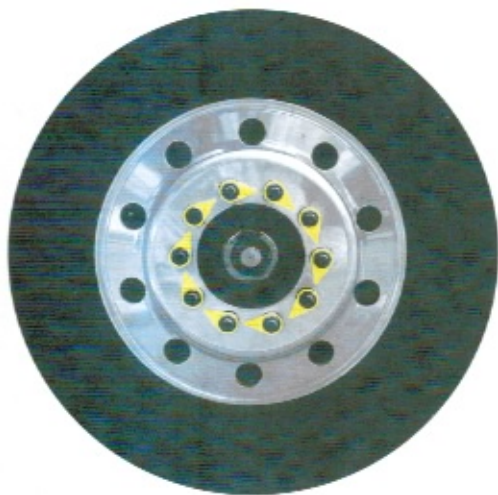


photo 1



photo 2

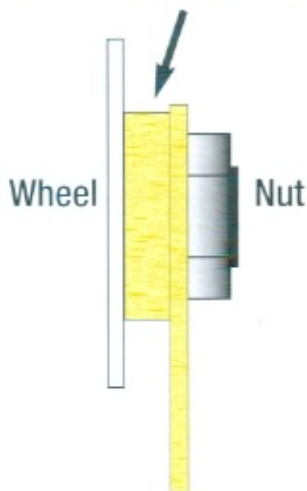
## Brake or Bearing Problems

Wheel-Checks are also heat sensitive. If there is a binding brake or seized bearing, the heat is transferred through the stud and nut. If this temperature exceeds 120° C (248° F), the Wheel-Check will start to blister around the circumference and eventually start to distort. The driver will be required to go to maintenance and have a thorough assessment on the problem wheel.

## 10 Reasons to Use Wheel-Checks

1. Provides a simple, visual means of confirming proper wheel torque in seconds.
2. Reduce your risk of wheel detachment accidents (Protect the public, help prevent property and load damage).
3. Lower your maintenance costs by eliminating unnecessary re-torquing.
4. Quickly identify a hot wheel possibly caused by bearing failure or brake drag.
5. Decrease equipment downtime.
6. Facilitates official roadside inspections.
7. Clearly visible at night and in bad weather (rain, snow, muddy conditions).
8. Easy to install.
9. Costs only a few dollars per wheel.
10. Pays for itself in just one avoided re-torque procedure.

### Wheel-Check collar



## Installation Procedures

1. Torque wheel nuts to proper specifications.
2. Ensure correct size by measuring nut from flat to flat.
3. Place one wheel-check over each nut with the collar closest to the nut. Push with both thumbs or a socket flush to the wheel.
4. For disc wheel, point the point to the center of following stud (photo 1).
5. For other wheel types (spoke pattern), point indicators towards the hub (photo 2).
6. When a wheel-check indicator has moved or has become deformed, replace with a red identifier (wheel-torque) for service provider.

\*\* Wheel-Checks are an indicator and must always be visually checked when a driver is leaving or getting into his truck. Please call 888-829-1556 with any questions or concerns.

"THE USE OF WHEEL-CHECK IN NO WAY GUARANTEES WHEEL-OFFS WILL NOT OCCUR."