

Safety Alert

ARTC No. 99
Issued 14/09/2017

Wheel Nut Indicators

Incident

This alert has been issued after recent discussion where it was recognised that many employees are not aware how wheel nut indicators should be fitted and their inspection requirements.

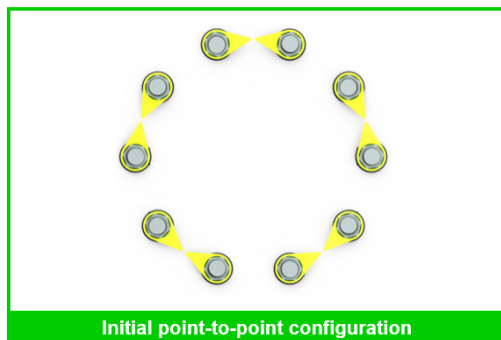
Note: This relates to all light commercial vehicles, road rail vehicles and trucks. It does not relate to sedans i.e. Holden Cruze / Hyundai i40 vehicles.

How Wheel Nut Indicators Are to be Fitted

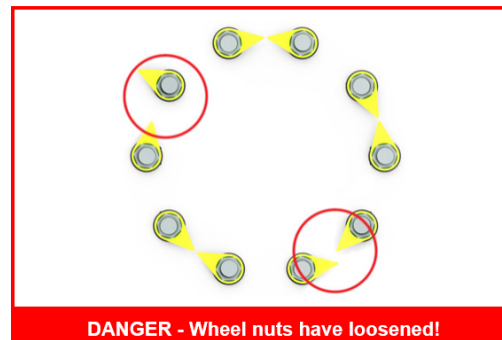
Wheel nut indicators are fitted so that the pointers are aligned and set in a recognisable pattern. Should a wheel nut loosen off, the indicator moves with the nut and so the pattern is broken, thus indicating the wheel nut has begun to rotate and therefore to loosen.

The ARTC standard is for indicators to be facing 'point-to-point', as pictured below (Picture 1).

Picture 1: Safe Condition (showing ARTC standard)



Picture 2: Unsafe Condition



Actions for all drivers of ARTC vehicles:

- Drivers are to visually check the vehicle tyres as part of their daily prestart check and ensure indicators have been set to the above ARTC standard and are indicating a Safe Condition (Picture 1).
- Where wheel nut indicators are not aligned, indicating an unsafe condition (Picture 2) the driver is to report the vehicle and arrange for the wheel nuts to be checked by a qualified tyre fitter.
- If replacement wheel indicators are required contact Ian Newton for replacement.

For your action

1. Place Safety Alert on display and make copies of this alert available to people who report to you (without regular email access) and ensure that the contents of the safety alert are discussed/explained to your staff.
2. If engaging contractors, ensure they are made aware of current ARTC Safety Alerts.
3. Ensure a method of sign-off is obtained (e.g. via tool-box/safety meetings/morning briefings etc) to verify that the Safety Alert has been distributed and discussed.
4. If you have any safety concerns with this Safety Alert please speak directly to your supervisor.

Further information

- All Safety Alerts issued can be [found here](#).
- For further information please contact Ian Newton on INewton@artc.com.au or (02) 4941 9625