

Safety Alert

ARTC No. 80
Issued 12/11/2015

Loose Wheel Nuts on ARTC Vehicles

Incident

This alert has been issued following an incident where an ARTC motor vehicle wheel stud snapped causing the wheel to come off the vehicle. The vehicle was travelling approximately 105 km/h on a busy highway, fortunately no-one was injured but the incident has caused significant damage to the vehicle.

Further checks of the provisioning centre vehicles have found a number of loose wheel nuts.



For IMMEDIATE action

Please arrange to have wheel nuts checked on all vehicles based at your provisioning centre and / or also on the vehicle you are driving. As the checks found loose wheel nuts on a number of different vehicles, this safety alert is not limited to Toyota Landcruisers but applies to all vehicles.

Ongoing Actions

- Drivers are reminded to visually check the vehicle tyres on a daily basis as part of their daily prestart check.
- Drivers are reminded to check their tyre pressure at least monthly or prior to any long trips
- All drivers of light commercial vehicles are reminded to carry out visual checks on the tightness of the wheel nut by location of the wheel nut indicators (where fitted) at least on a weekly basis (see below photo).
- All drivers of heavy vehicles over 4.5 tonne are reminded to carry out visual checks on the tightness of the wheel nut by location of the wheel nut indicators (where fitted) on a daily basis (see below photo).



- All drivers are to ensure that the correct wheel nut is used – the above right wheel nut is to be used with all King Rims (white rims as above left). If it is found that the current wheel nuts are different to the nut shown, they are to be changed ASAP. Please consult with your local tyre supplier or contact Ian Newton, Fleet Manager, to discuss.
- ARTC has instructed suppliers that all small and large vehicles will be fitted with wheel nut indicators either prior delivery of new vehicles or upon routine servicing of existing vehicles
- ARTC Plant Coordinators have been instructed to fit indicators on vehicles that do not have indicators fitted during provisioning centre visits.
- ARTC will distribute to Provisioning Centres indicators for fitting by teams or to expedite, Provisioning Centres are to source locally.

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 (eg 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](#).