

Safety Alert

ARTC No. 121
Issued 11/03/2020

Toyota Landcruiser Wheel Inspections

Incident

This alert has been issued following an incident where a wheel separated from an ARTC Toyota Landcruiser road rail vehicle (RRV) which was travelling at 110 km/h.

During the investigation it was found that the 5-wheel studs have sheared on the right-hand rear wheel.

Further investigation has revealed a similar vehicle was found to have wheel nuts which were over-tensioned. Early indications are that this may have contributed to this incident.

As a precautionary measure we are requesting all Toyota Landcruisers (both RRV and non RRV's) have the tensioning of wheel nuts checked to ensure they meet manufacturers specified torque settings.

Pending final outcomes of the investigation further actions may be required.



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. All Area Managers to ensure all Landcruiser's (both RRV and non RRV's) are checked by either your local Toyota servicing agent or authorised LeasePlan tyre provider to remove road wheels, inspect wheel nuts, inspect wheel studs (inspection only, no requirement to remove or replace unless damaged), wheel rims (including wheel nut seat) and tyres for possible wear prior to re-tensioning wheel nuts to manufacturer specifications. If issues are located please engage with the fleet team.

Further information

- All Safety Alerts issued can be [found here](#).
- For further information contact:
 - Cath Bowlzer Principal Advisor Safety and Environment Interstate
 - Brett Teasdale Principal Advisor Safety Hunter Valley
 - Hinea Clark Health and Safety Manager Delivery Inland Rail
 - Mark Blackmore Acting General Manager, Safety and Environment