

Tailgate Pin Failure

CAMs # 384143

1. Relevance

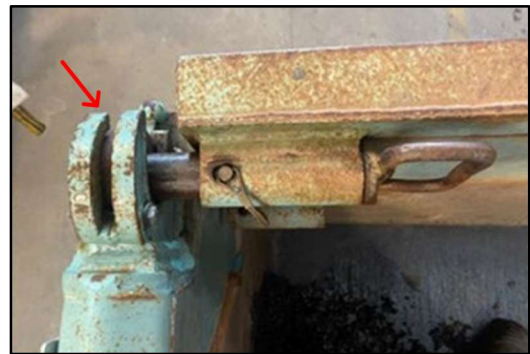
This alert is important for our [workshops](#), [transport divisions](#) and [any other parts of our business that own trucks with tipping decks](#). Relevant subcontractors should also be given a copy.

2. Incident

A truck driver was clearing asphalt remnants from the gap between the deck and the tailgate of the truck. The deck of the truck was raised & held in place by a deck prop. While he was undertaking the task, the tailgate of the truck detached and fell to the ground. The truck driver was very fortunate that it fell away from him. If it hadn't, he could have been seriously injured.

3. Contributing Factors

The pin was installed as shown here. At the time of the failure, the pin had slipped out of the catch due to inadequate pin clearance. During the investigation, it was noticed that the tailgate also had a slight bend in it which could have contributed to the pin slipping out of the slip catch as the tray was raised. [However, the main failure is due to a poor design that was recognised & discontinued by the manufacturer in 2018.](#)



4. Mandatory Requirements

In this case, the tailgate has now been re-engineered so that the pins can only be inserted from the outside. This control engineers out any chance of clearance issues regarding the slip catch and pin.

[Can our transport divisions and any other parts of our business that own trucks with tipping decks please:](#)



1. Audit their fleet for this type of tailgate.
2. Make the necessary engineering improvements, with the help of your workshop, to prevent a similar incident occurring.

5. Revision History

Date	Author	Brief Description of Change
29.06.2023	A Tomchuk	Drafted Document
03.07.2023	T Talbot	Review, edit and publish.

6. Closeout Requirements

Please discuss this Red Alert with your teams, complete the items below and return to your Safety Manager. They will collate all responses for the business unit and send a single confirmation to the HSQES Analyst at nzincident@fultonhogan.com before 18 August 2023.

6.1. What date was this Red Alert communicated to the workplace: ____ / ____ /20 ____

6.2. Could this incident occur in your Region/Project? (Circle your answer below)

YES If Yes, please answer questions 5.3 & 5.4
NO If No, please answer question 5.5

6.3. Have all the actions and recommendations been implemented? (Circle your answer below)

YES If Yes, please answer question 5.4
NO If No, please answer question 5.5

6.4. Are these measures sufficient to eliminate or reduce the risk of an incident (or similar) described in the alert from happening again? (Circle your answer below)

YES or No

If No, please raise a CAM's case listing the required actions and accountabilities to be taken in order to eliminate or reduce the risk. Record the CAM's number below:

CAMs Case Number: CAMs- _____

6.5. Please note the reasons why this incident could not occur within your region / project?

In signing this document, I confirm that the actions above have been completed in this region/project.

Region / Project: _____

Region / Project Manager Name: _____

Signature: _____ Date: _____