

Pre-Trip/Wheel off

Wheels just don't come off

There is a reason they came off of the vehicle

We need to figure out what is the root cause

Perhaps a lack luster pre-trip

No enroute inspection

No post trip inspection

Technician error at the repair facility

Mechanical failure

Part 392.7 equipment, inspection and use

(a) No commercial motor vehicle shall be driven unless the driver is satisfied that the following parts and accessories are in good working order, nor shall any driver fail to use or make use of such parts and accessories when and as needed

Service brakes, including trailer brake connections

Parking(hand) brake

Steering Mechanism

Lighting devices

Tires

Horn

Windshield wiper or wipers

Rear-vision mirrors or mirrors

Coupling devices

Wheels and rims

Emergency equipment

Maintenance records

What type of work was done

Who performed the work

Was everything documented

Has the technician had the proper training, do they have any certificates

If you have your own repair facility do you have a policy and procedures for removing and installing wheels

If using an outside vendor do you know if their technicians have had the proper training

Do they have policy and procedures for removing and installing wheels

Do you have a process in place, at your facility or with an outside vendor, when wheels are removed do you have the wheels retorqued?

OSHA Requirements for technician training

OSHA Requirements for technician training can
be found in 29 CFR 1910.177

The Occupational Safety and Health Administration requires anyone who works on medium and heavy duty truck and bus wheels to have documented minimum training before doing those tasks. Ask yourself: Are the people who put the wheels on my trucks compliant with OSHA training standards? These standards are just a bare legal minimum to be allowed to complete the task, not even talking about ATA TMC recommendations or best practices.

Roadside Inspection by Enforcement

49 CFR 393.205 WHEELS:

- (a) Wheels and rims shall not be cracked or broken.**
- (b) Stud or bolt holes on the wheels shall not be elongated (out of round).**
- (c) Nuts or bolts shall not be missing or loose**

What should folks be looking for





















Flange nuts have distorted the wheel.



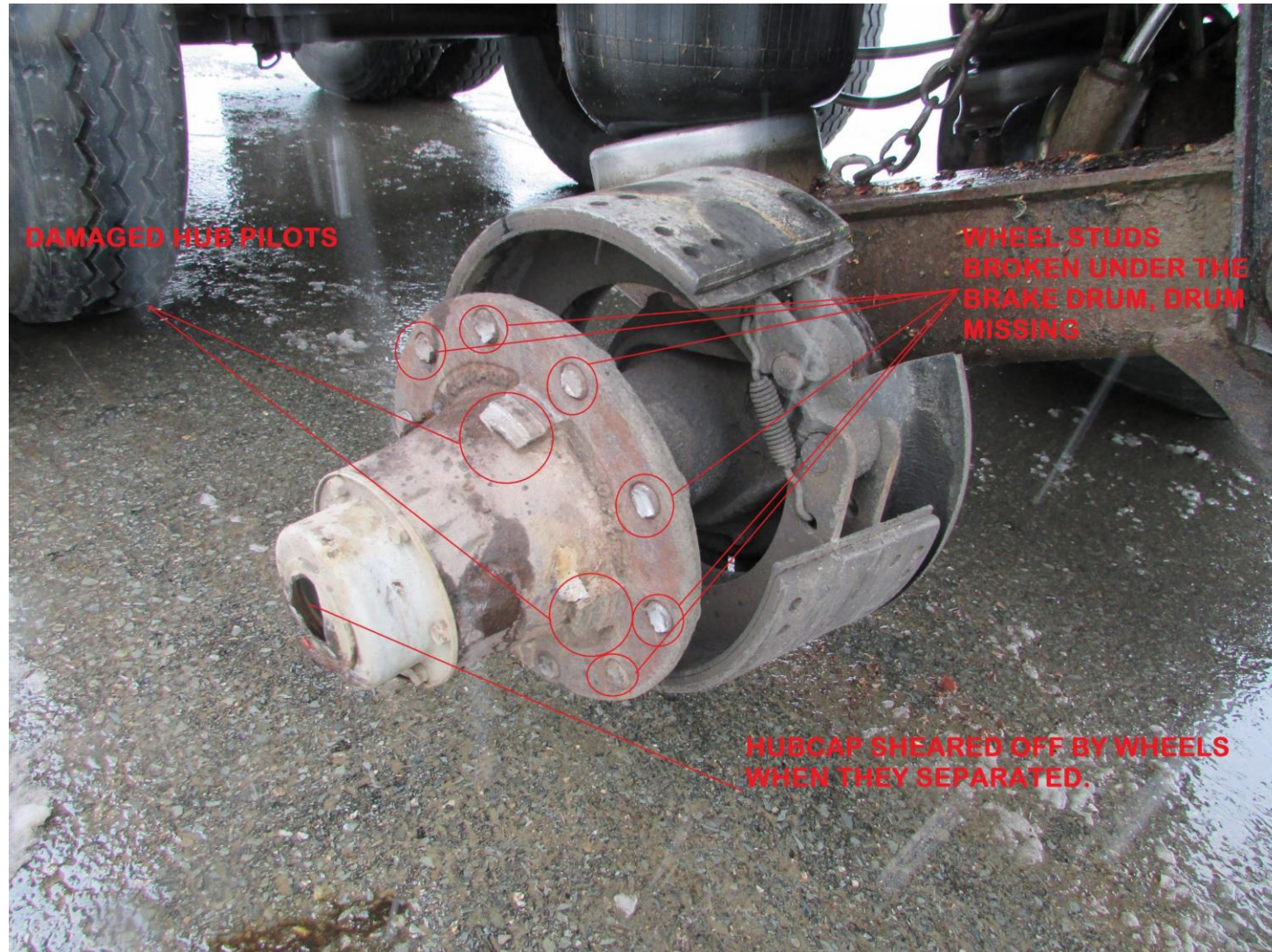
This is the inside wheel from the Det.
Campbell crash:



Photos from the crash scene:

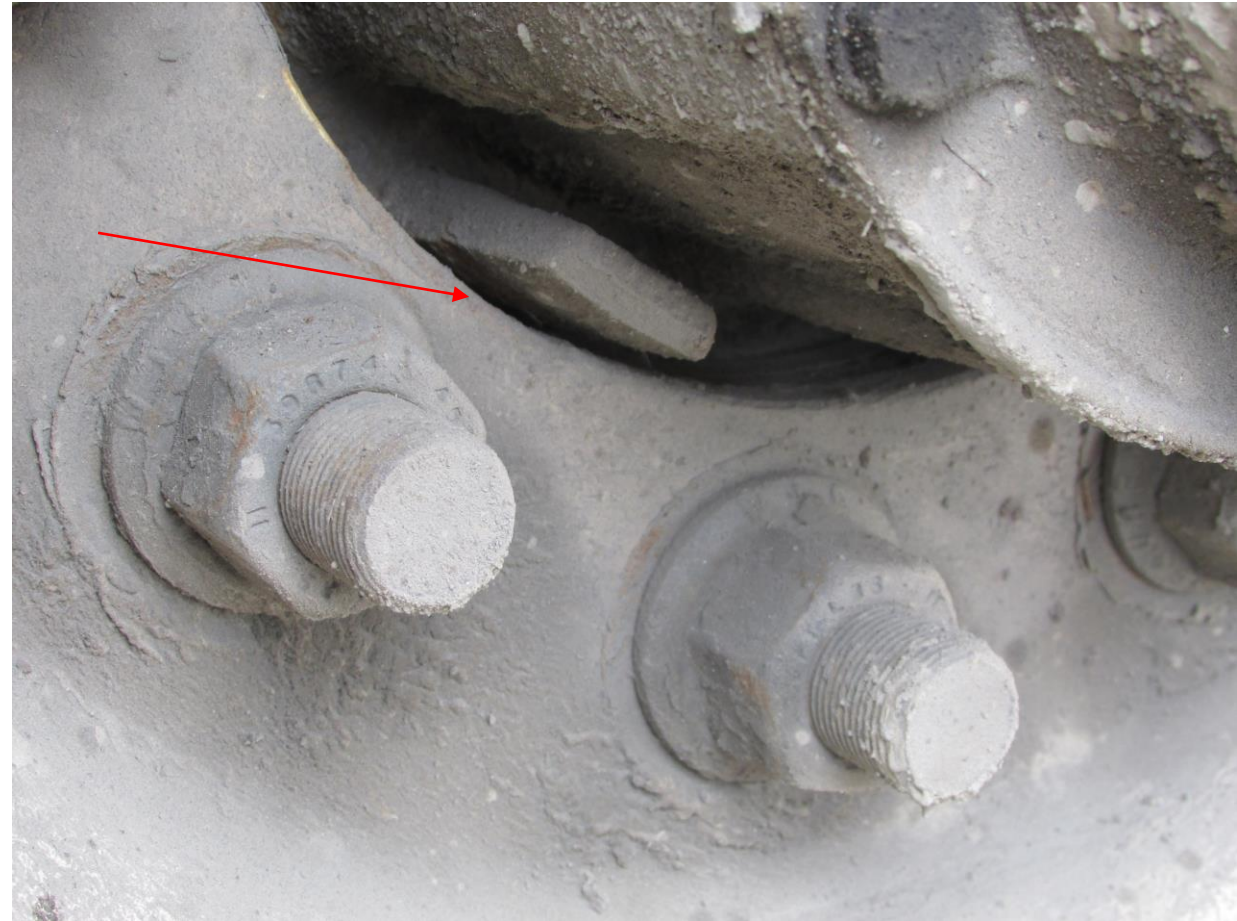


Note indicators visible with the wheels off:









SMARTDRIVE

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TIA training Classes

April 15th & June 24th

Any Questions