





Look after yourself and each other 
Don't let anyone act unsafely, always stop unsafe practices.

Tools and Equipment 
Use the right, well maintained, tools/equipment for the job. Never make do.

Safe Systems 
Follow safe systems of work, site rules, signage and traffic signals.

Incident/Hazard alerts 
Report all incidents/hazards immediately.

TYRE FITTING GOOD PRACTICE

RECENT INCIDENT

A Tyre Fitter recently died in our industry when changing a truck tyre; it was out of normal hours and towards the end of his shift.

KEY FINDINGS

The Fitter had raised the truck using a compressor jack, but unfortunately did not fit any secondary support. He was found crushed under the vehicle, having sustained fatal injuries.

Safe Vehicle Jacking

- If possible, move the vehicle to a safe, designated area and ensure the ground is firm / level.
- Ensure the parking brake is applied, the vehicle is secured and isolated (keys removed / cab locked / warning sign displayed) and wheel chocks applied.
- Refer to the manufacturer's manual, pay particular attention to the precautions required for vehicles fitted with air suspension
- Ensure the correct jack is used – capable of lifting the load and tested in accordance with the Lifting Operations and Lifting Equipment Regulations (LOLER).
- Identify the correct jacking point on the vehicle; make sure the jack is placed on a firm solid surface.
- Always use secondary securing devices i.e. axle stands.
- Do not exceed the rated capacity of the jack or the axle stands.
- It is acceptable to use a loading plate below the jack to ensure it doesn't tilt or sink.
- Jack operating handles should be removed when not required to avoid accidental use.
- Pins for axle stands need to be close fitting and the correct specification – screwdrivers, bolts, etc. are **not** acceptable.

SAFE TYRE INFLATION GUIDANCE?

If a Tyre Fitter needs to inflate a tyre on site, the following procedure should be applied:

KEY POINTS

- Ensure the Fitter is competent
- If the tyre cannot be inflated in a tyre cage, it **MUST** be inflated after the wheel assembly has been secured back on the vehicle axle (it can be inflated slightly (15 psi) off the vehicle in order for the tyre to sit on the wheel)
- The inflation air line should be a minimum of 3 metres long between the connection and the inflation gauge and the fitter should stay outside the likely explosion trajectory (Line of Fire)
- Never allow anyone in the vicinity of the tyre whilst it is being inflated
- Quick release couplings on the air lines must be used
- Tyre inflation must not exceed the manufacturer's recommended tyre pressure for the size and rating of the tyre
- Never leave an unattended air line attached to the valve of a truck tyre assembly



Example Axle Stands:
Stands should be suitably rated to support the vehicle and any additional load it may be carrying

