

Student Handout

Working on Tires

Auto mechanics often work on tires, but may be unaware that repairing tires can be extremely hazardous and even fatal.

Examples of hazards

- explosion hazard
- tire separation
- fire

Safety tips

- Make sure you are trained to work on the specific type of tire before demounting, inspecting, mounting, use of restraining devices, handling of tires, installation and removal of tire assemblies, and inflation.
- Completely deflate tire before starting work.
- Use only the tools specified by the manufacturer.
- Never hammer on the rim or the locking ring (if present).
- Ensure the tire is the correct one for the vehicle and purpose.
- Use a restraining device (like a cage, safety t-bar or safety chains) before inflating a tire assembly.
- Inflate tires using a clip-on device with an in-line valve and gauge.
- Stand away from the direction parts might fly.
- Do not exceed recommended tire pressure.
- Do not apply heat to a tire assembly if the tire is inflated.

