Ask You're Worth!t WSCC

Toolbox Talk — Instructor Guide for Auto Mechanics

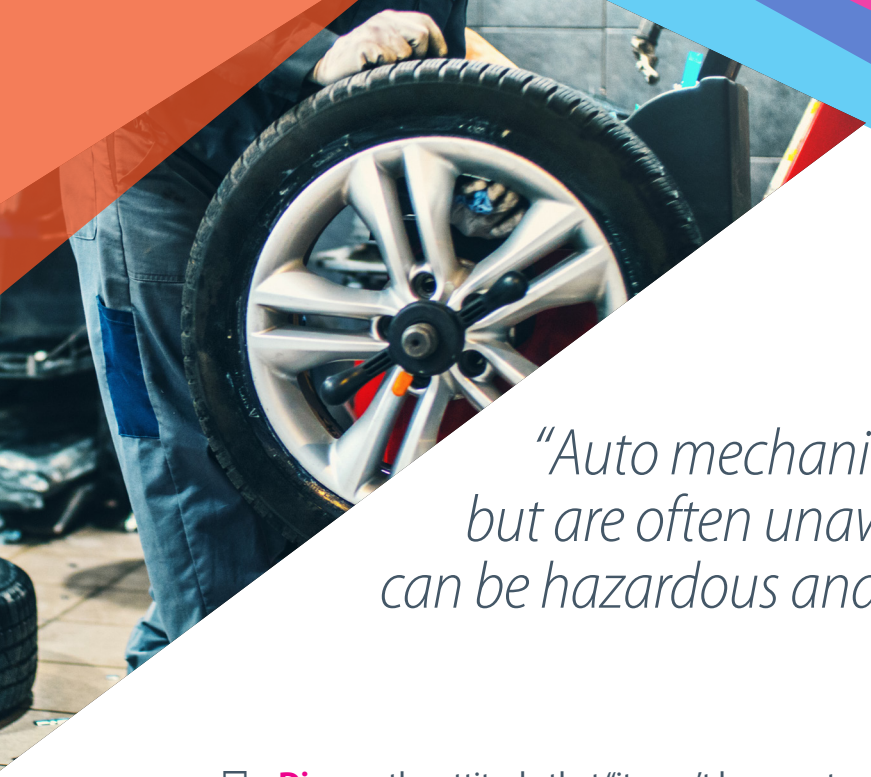
Working on Tires Topic Overview

Auto mechanics often work on tires, but are often unaware that tire repair can be hazardous and even fatal. Inflated tires contain an enormous amount of stored energy. Improper handling and assembly of the tire or rim/wheel can cause components to explode.

Demonstration and Discussion Topics

- ☐ **Discuss** the hazards of working with tires, and how injuries can occur if proper precautions aren't taken.
- ☐ **Tour** the tire repair station with the students, pointing out the hazards.
- ☐ **Distribute** the student handout.
- ☐ **Review** the safety tips.
- ☐ **Explain** what can be done in the workplace to minimize the risk of injury while working on tires (e.g. restraining devices, special work area).
- ☐ **Make it real.** Tell two stories of injuries to workers who were repairing tires, or use the following examples:
  - A tire service technician was re-inflating a new front tire mounted on a crane truck. The tire separated from the one-piece aluminum rim and struck the worker, killing them.
  - A worker was repairing a slow leak by welding the rim with the tire in place. A fire started inside the tire, causing an explosion that killed the worker.

MANIPULATION DE PNEUS • WORKING ON TIRES • HANANI AKHALUAT • ᐊᒃᓗᐊᕐᓂᒃ ᐱᓕᕆᐊᖅᑐᓂ



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- ☐ **Discuss** the attitude that "it won't happen to me". Remind them that an injury can and will happen if they take shortcuts or are careless.
- ☐ **Instruct** the students to identify and report any safety concerns about tire repair concerns.
- ☐ Encourage them to **ASK** questions.
- ☐ **Answer** any questions or concerns they might have.
- ☐ **Set a good example** by working safely at all times.

Resources

- ☐ **Vehicle Tire Servicing – Large Vehicles**
  www.worksafebc.com/publications/health_and_safety/by_topic/assets/pdf/large_vehicle_tire.pdf
- ☐ **Tire Accident Investigation Slideshow**
  www2.worksafebc.com/media/fss/tire/slideshow.htm

WSCC Workers' Safety & Compensation Commission | ᐃᖅᑲᓇᐃᔭᖅᑎᓄᑦ ᐊᑦᑕᓇᖅᑐᓂᒃ ᐊᒻᒪ ᓇᓪᓕᐅᒃᑯᒪᓂᒃ ᖃᐅᔨᓴᖅᑎᑦ
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