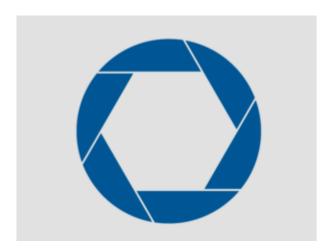
# Is This a Safe Way to Jack a Vehicle?



What's wrong with this picture?



While it might be rather clever, using an easy chair as a jack stand to support a car is the kind of safety shortcut that can get your workers killed and your company a big, fat OSHA fine.

**Moral:** Jacks used to horizontally lift, lower, or move a load (like the vintage VW station wagon in this photo) must meet specific requirements set out in the OSHA Other Portable Tools and Equipment Standard (Section 1910.244).

# **JACK STAND SAFETY**

#### WHAT'S AT STAKE

#### Meet the Late Christian Klorcyzk

On March 11, 2011, Christian Klorcyzk of Waterford, CT, was doing what he loved best: tinkering with cars. He was changing the oil of a BMW E46 3 series xi using a set of four-ton jack stands to support the vehicle.

Unfortunately, the stands didn't have the proper safety pins. So when something tripped the right front jackstand from the underside, over a ton's worth of car crashed into his skull and chest, instantly ending his life.

Christian was only 21.

#### **USE THE RIGHT JACK**

## 6 Kinds of Car Jacks

Safe use of car jacks begins with knowing what kind of jack to use. There are 6 basic types:

#### 1. Mechanical Car Jacks



## 2. Floor Car Jacks



## 3. Hydraulic Car Jacks



#### 4. Pneumatic Car Jacks



#### 5. Farm Car Jacks



# 6. Garage Car Jacks



### DON'T LET THIS HAPPEN TO YOU

## 8 Jack Stand Safety Tips

## When Using a Jack Stand:

- 1. Follow the manufacturer's safety instructions
- 2. Jack the vehicle on a level surface, not an incline
- 3. Find the vehicle's "curb weight"
- 4. Check the jack's load capacity and make sure it's rated to support that weight
- 5. Make sure the parking brake is on the vehicle to prevent the wheels from moving while it's supported on the jack
- 6. Install the jack on a solid, structural piece of the vehicle frame so the jack doesn't slip
- 7. Test your jack stands before each use
- 8. Ask your supervisor for help if you have any questions or concerns