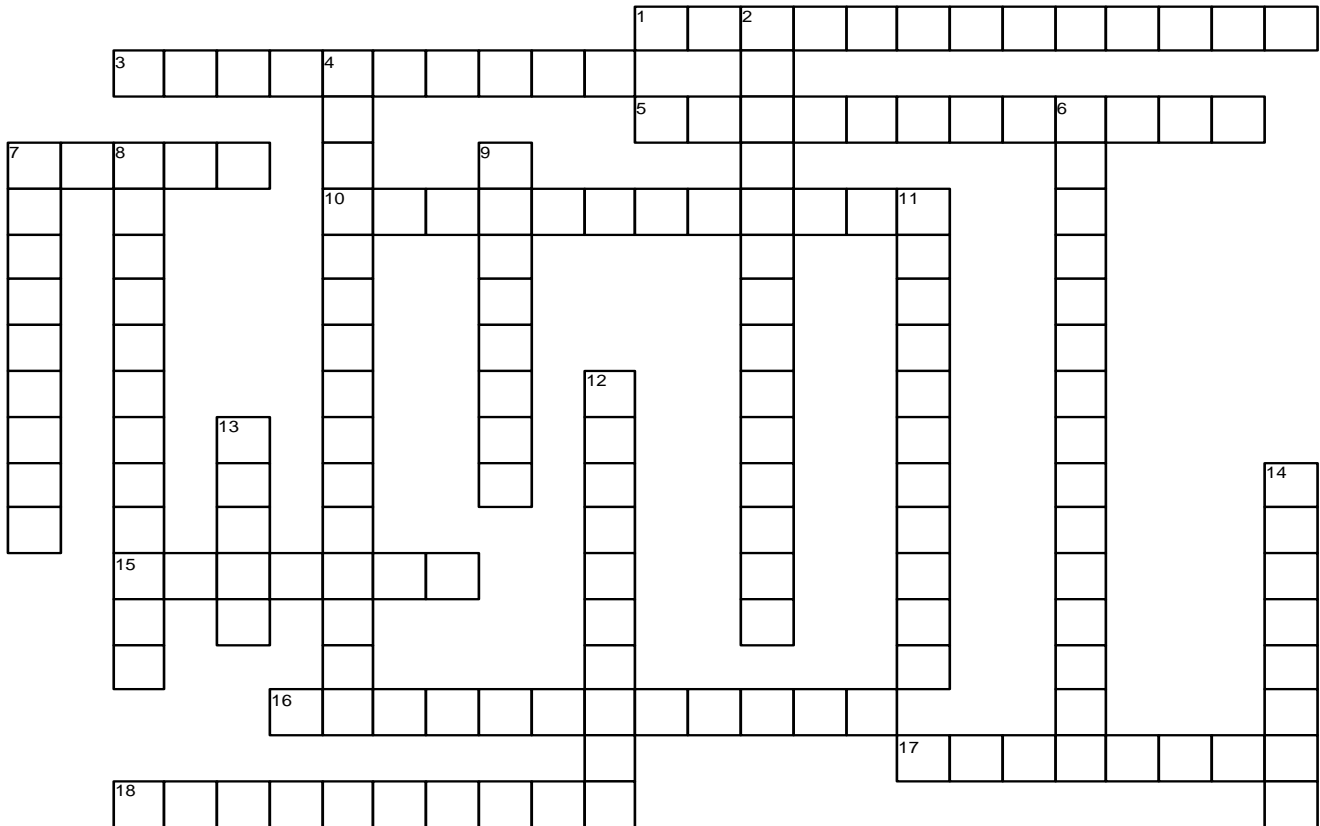


Vehicle Lifting And Hoisting

Chapter 7



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ACROSS

- _____ include older in ground pneumatic/hydraulic and above ground units.
- _____ at the bottom edge of the body are generally considered to be strong.
- As soon as the pads touch the vehicle, check for proper _____.
- Boxed areas of the body are the best places to position the pads on a vehicle without a _____.
- _____ should always be used to support the vehicle.
- When working underneath a vehicle, most service technicians use a _____, which consists of a flat or concaved surface equipped with low-profile casters.
- _____-_____ are an inexpensive way to raise the front or rear of a vehicle.
- Each _____ should be placed under a portion of the vehicle that is strong and capable of supporting the weight of the vehicle.
- Most newer vehicles have a triangle symbol indicating the recommended hoisting lift points.

DOWN

- Most of the vehicle hoists used today use an electric motor to pressurize _____, which lifts the vehicle using hydraulic cylinders.
- Sometimes a _____ is needed in order to hoist a truck or SUV without doing any damage to the underside of the vehicle.
- The hoist should be lowered onto the _____, and then raised off of the locks before lowering.
- A _____ is a hand-operated hydraulic device that is used to lift vehicles or components, such as engines, transmissions, and rear axle assemblies.
- Hoist or lifts equipped with different length arms are called _____.
- Vehicles should be _____ on a lift or hoist so as not to overload one side or put too much force either forward or rearward.
- Hoist with equal length arms are called _____.
- Another name for safety stands are _____.
- When lifting a vehicle the _____ areas of the body are the best places to position the pads on a vehicle without a frame.
- Even though pinch weld seams are the recommended location for hoisting many vehicles with unit-body designs, care should be taken not to place the pads too far forward or rearward.