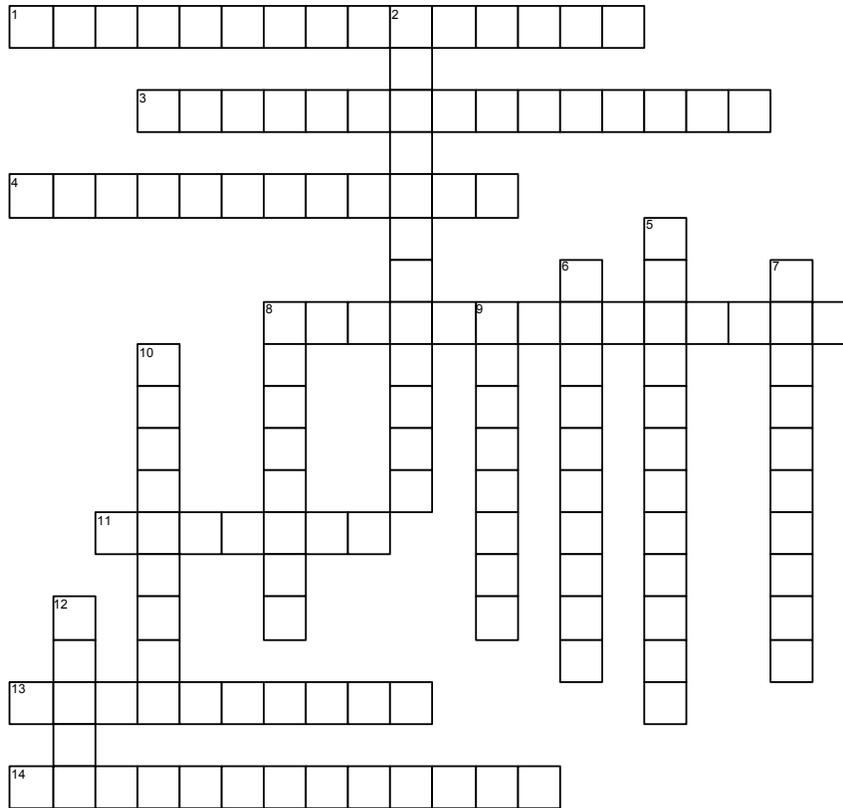


Vehicle Lifting And Hoisting

Chapter 11



<http://jameshaldeman.com>

ACROSS

- 1 Sometimes a _____ is needed in order to hoist a truck or SUV without doing any damage to the underside of the vehicle.
- 3 The hoist should be lowered onto the _____, and then raised off of the locks before lowering.
- 4 As soon as the pads touch the vehicle, check for proper _____.
- 8 Most of the vehicle hoists used today use an electric motor to pressurize _____, which lifts the vehicle using hydraulic cylinders.
- 11 When working underneath a vehicle, most service technicians use a _____, which consists of a flat or concaved surface equipped with low-profile casters.
- 13 Another name for safety stands are _____.
- 14 _____ include older in ground pneumatic/hydraulic and above ground units.

DOWN

- 2 _____-_____ are an inexpensive way to raise the front or rear of a vehicle.
- 5 _____ should always be used to support the vehicle.
- 6 _____ at the bottom edge of the body are generally considered to be strong.
- 7 Most newer vehicles have a triangle symbol indicating the recommended hoisting lift points.
- 8 Each _____ should be placed under a portion of the vehicle that is strong and capable of supporting the weight of the vehicle.
- 9 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.
- 10 A _____ is a hand-operated hydraulic device that is used to lift vehicles or components, such as engines, transmissions, and rear axle assemblies.
- 12 Boxed areas of the body are the best places to position the pads on a vehicle without a _____.