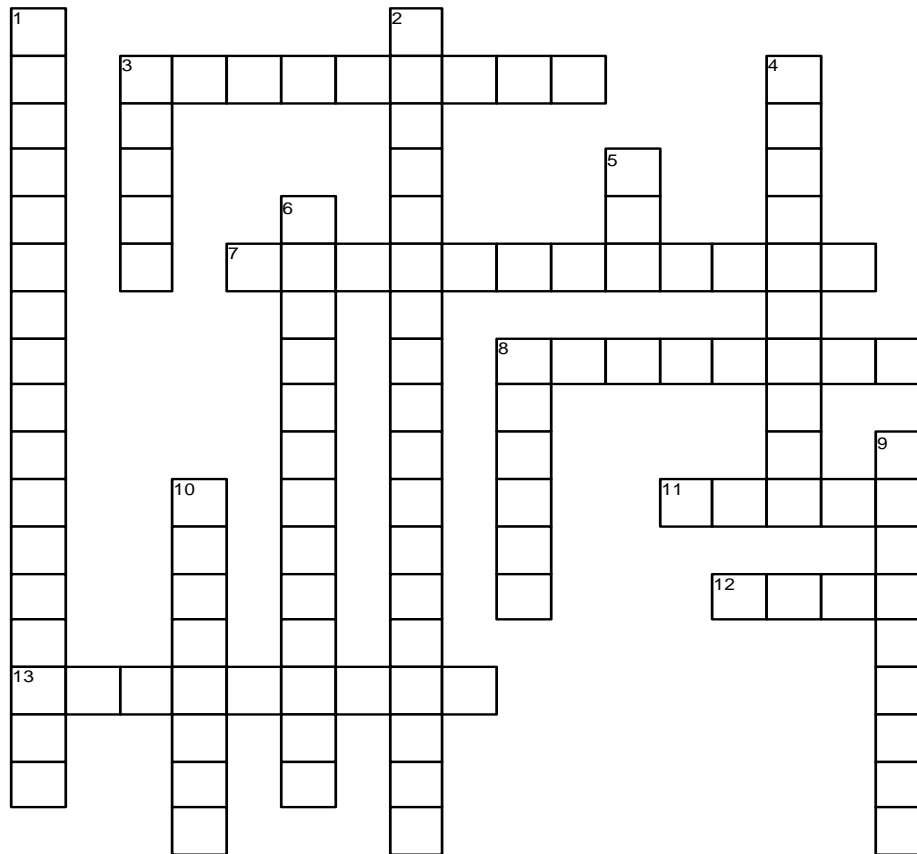


First Responder Procedures

Chapter 20



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ACROSS

- 3** The _____ method is preferred using insulated cutters. A double cut method means that after making the first cut on a battery cable, then move about 2 inches and make another cut so cables will not make contact if jarred.
- 7** _____ under the hood, or orange shielding bolted to the underside of the vehicle indicates that the vehicle is a hybrid electric vehicle.
- 8** A _____ is a long tool used to pull high-voltage lines away from buildings or vehicles.
- 11** Abbreviation for the International Fire Service Training Association.
- 12** Abbreviation for the National Fire Protection Association.
- 13** _____ involving an electric or hybrid electric vehicle (HEV) could include the following: 1. Vehicle crash 2. Fire 3. Crash and fire 4. Submerged or partially submerged vehicle

DOWN

- 1** The best approach for first responders is to follow _____ procedures (SOP) also called standard operating guidelines (SOG). SOP/SOG procedures and guidelines are used to ensure that everyone in the department perform common tasks in a

specific manner.

- 2** Handle NiMH electrolyte spills using the following _____ equipment (PPE): Splash shield or safety goggles, Rubber, latex, or nitrile gloves, Apron suitable for alkaline materials, and Rubber boots.
- 3** Unprotected contact with any electrically charged ("hot" or "live") high-voltage component can cause serious injury or _____.
- 4** The best approach for first responders is to follow standard operating procedures (SOP) also called standard operating _____ (SOG). SOP/SOG procedures and guidelines are used to ensure that everyone in the department perform common tasks in a specific manner.
- 5** Abbreviation for the National Fire Academy
- 6** All hybrids have front airbags and front seat belt _____.
- 8** To confirm whether a vehicle is a hybrid, look for the word " _____ " on the rear, front, or side of the vehicle.
- 9** Hybrid vehicles contain the same common automotive fluids used in other vehicles. These fluids and chemicals may be considered _____ materials (hazmat).
- 10** _____ are dashed or dotted lines printed on yellow tape that is wrapped around the positive and/or negative 12-volt battery cables showing the first responder where the cable should be cut to disable the 12-volt electrical system.