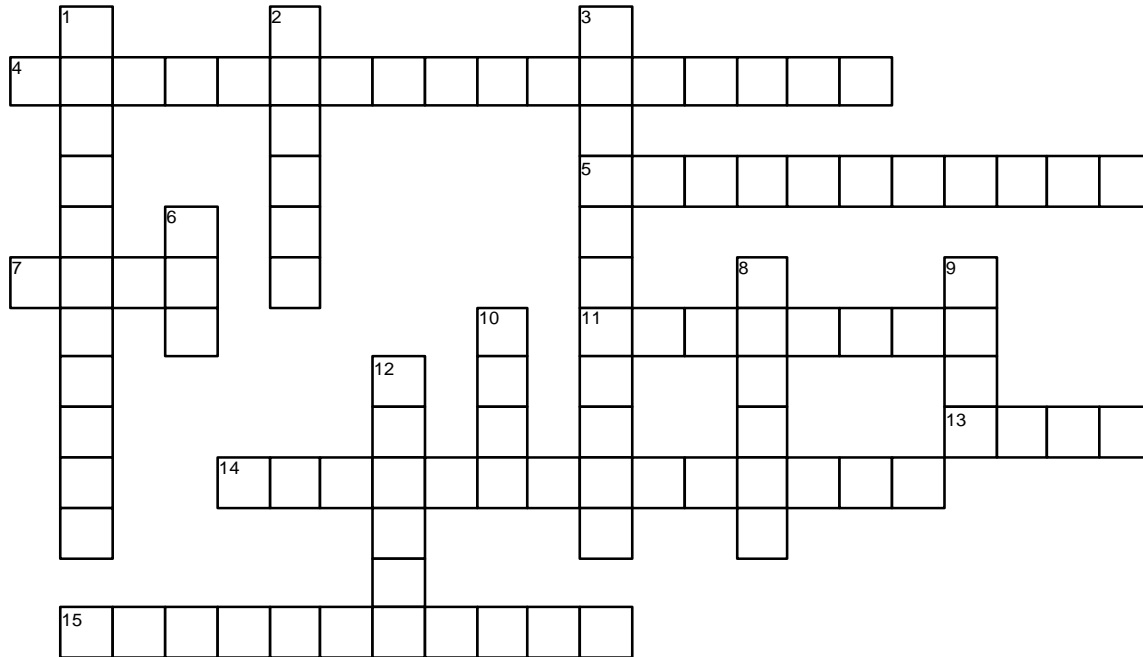


# Hybrid Safety and Service Procedures

## Chapter 45



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### ACROSS

- 4 A CAT III-certified \_\_\_\_\_ is required for making measurements on high-voltage systems.
- 5 \_\_\_\_\_ cables are identified by color of the plastic conduit.
- 7 \_\_\_\_\_ conduit indicates 42 volts.
- 11 Rubber \_\_\_\_\_ gloves protect the wearer from a shock hazard.
- 13 \_\_\_\_\_ was formed over a century ago to address the need for component testing in industry.
- 14 Both positive and negative high-voltage power cables are isolated from the metal chassis, so there is no possibility of shock by touching the metal chassis, this design is called a \_\_\_\_\_.
- 15 Step three for de-powering the high-voltage system is to remove the high-voltage fuse or \_\_\_\_\_ or switch.

### DOWN

- 1 \_\_\_\_\_ - \_\_\_\_\_ hydride batteries may be damaged if exposed to high temperatures, such as in a paint oven.
- 2 \_\_\_\_\_ is the minimum-rated meter that should be used for hybrid vehicles.
- 3 Hybrid electric vehicles and all electric vehicles use \_\_\_\_\_ - \_\_\_\_\_ circuits that if touched with an unprotected hand could cause serious burns or even death.
- 6 The \_\_\_\_\_ has several categories of voltage standards for meter and meter leads.
- 8 \_\_\_\_\_ conduit indicates 42 volts.
- 9 \_\_\_\_\_ requirements specify that the HV gloves get inspected every six months by a qualified glove inspection laboratory.
- 10 The \_\_\_\_\_ is a private, nonprofit organization that administers and coordinates the US voluntary standardization and conformity assessment system.
- 12 \_\_\_\_\_ conduit indicates 144 to 600 volts or higher.