Hybrid Safety And Service Procedures
Chapter 31

ACROSS

1. ______-_______ batteries may be damaged if exposed to high temperatures, such as in a paint oven.
4. 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 ______-_______.
8. A CAT III-certified _______ _______ is required for making measurements on high-voltage systems.
10. ______ requirements specify that the HV gloves get inspected every six months by a qualified glove inspection laboratory.
12. ______ conduit indicates 42 volts.
13. Hybrid electric vehicles and all electric vehicles use ______-_______ circuits that if touched with an unprotected hand could cause serious burns or even death.
14. Step three for de-powering the high-voltage system is to remove the high-voltage fuse or _______ or switch.
15. Rubber _______ _______ protect the wearer from a shock hazard.

DOWN

2. ______ is the minimum-rated meter that should be used for hybrid vehicles.
3. ______-_______ are identified by color of the plastic conduit.
5. ______ conduit indicates 144 to 600 volts or higher.
6. ______ conduit indicates 42 volts.
7. The ___ has several categories of voltage standards for meter and meter leads.
9. ___ was formed over a century ago to address the need for component testing in industry.
11. The ____ is a private, nonprofit organization that administers and coordinates the US voluntary standardization and conformity assessment system.