

# Maintenance and Light Repair Workbook Chapter 43

Name: \_\_\_\_\_ Class \_\_\_\_\_ Date: \_\_\_\_\_  
Instructor: \_\_\_\_\_ Textbook Pages 568-574

Answer the questions and identify the page number that the answer was found in the textbook

1. The \_\_\_\_\_ mode turns off the engine when the vehicle is stopped. Page \_\_\_\_
2. \_\_\_\_\_ braking helps keep the batteries charged. Page \_\_\_\_



3. A \_\_\_\_\_ hybrid will incorporate idle stop and regenerative braking but is not capable of using the electric motor to propel the vehicle on its own without help from the internal combustion engine. Page \_\_\_\_
4. A \_\_\_\_\_ hybrid uses 144- to 158-volt batteries that provide for engine stop/start, regenerative braking, and power assist. Page \_\_\_\_
5. A \_\_\_\_\_ hybrid, also called a strong hybrid, uses idle stop regenerative braking, Page \_\_\_\_ and is able to propel the vehicle using the electric motor(s) alone.



6. Orange-colored cable under the hood means that the vehicle is a hybrid or an electric vehicle that uses \_\_\_\_\_ components and circuits. Page \_\_\_\_
7. In some hybrid vehicles, high-voltage cables also deliver current to the \_\_\_\_\_ . Page \_\_\_\_
8. A \_\_\_\_\_ is an electric motor used to rotate the drive wheels and propel the vehicle. Page \_\_\_\_
9. The \_\_\_\_\_ cables are routed under the vehicle between the battery box and the engine compartment inside sturdy orange plastic protective shields. Page \_\_\_\_
10. The \_\_\_\_\_ battery may be jump-started if the vehicle does not start. Page \_\_\_\_