

Maintenance and Light Repair Workbook Chapter 51

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 708-722

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

1. Power-assisted steering _____ boosts the mechanical steering gear operation so the driver can turn the steering wheel with less effort for the same response. Page ____
2. The _____ delivers a constant flow of hydraulic fluid to the power steering gear or rack. Page ____



3. The power steering fluid cooler, if used, is located in the _____ hose. Page ____
4. The purpose of the power _____ is to keep the engine from stalling when the driver turns the steering wheel almost all of the way in one direction. Page ____
5. Most electric power steering units use a _____ electric motor. Page ____

6. The _____ uses the steering shaft torque sensor as a main input for determining steering direction and the amount of assist needed.

Page ____

7. If the power steering fluid is tan, there may be _____ trapped in the fluid.

Page ____

8. Many hybrid electric vehicles (HEVs) use 42 volts from the DC to DC converter to the power steering control module.

Page ____



9. The _____ converts the torque the driver is applying to the steering wheel into a voltage signal.

Page ____

10. Because the power steering pump and the steering gear are not part of the same assembly, the system requires _____ to connect the power steering pump and gear assembly.

Page ____