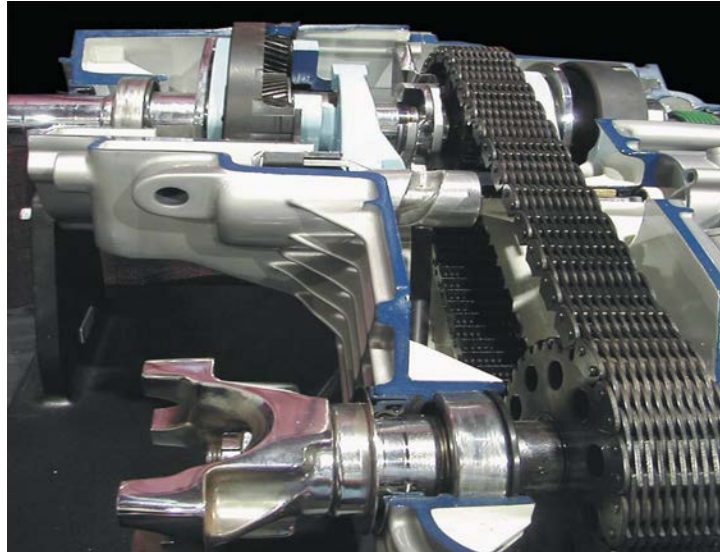


Maintenance and Light Repair Workbook Chapter 67

Name: _____ Class _____ Date: _____
Instructor: _____ Textbook Pages 994-1007

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

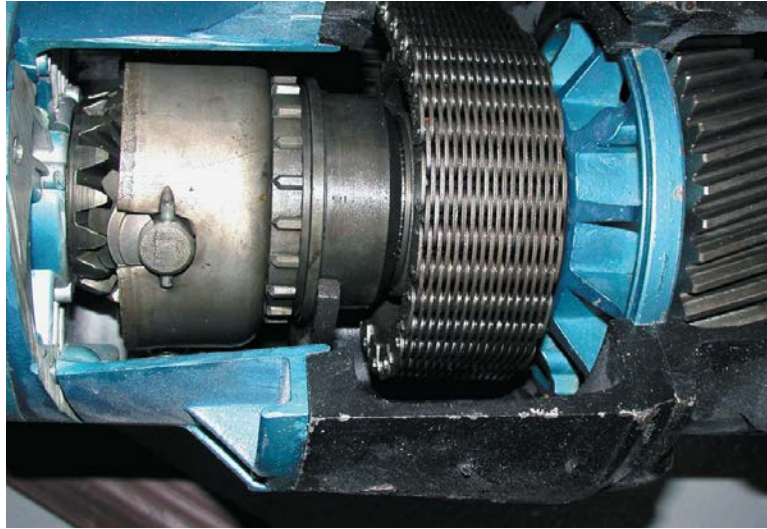
1. Many light trucks and sport utility vehicles use a _____ to provide _____ engine torque to all four wheels and to allow a gear reduction for maximum power to get through mud or snow. Page _____



2. _____ require that the hubs be rotated to the locked position by hand to allow torque to be applied to the front wheels. Page _____
3. A _____ is commonly used on many four wheel-drive vehicles to provide an “automatic” lockup of the center differential. Page _____
4. The _____ is the heart of a typical all-wheel-drive system. Page _____
5. A typical transfer case is attached to the output of the _____ and directs engine torque to the rear or to the front and rear differentials. Page _____

6. A _____ is often incorporated in transfer cases to act as a differential.

Page ____



7. The use of _____ at the front wheels allows engine torque to be applied without changes in wheel speed, as can often occur if standard U-joints are used.

Page ____

8. Many transfer cases use a planetary gear set for gear reduction in _____

Page ____

9. When the transfer case controls are in _____, the front differential assembly is disconnected from the transfer case.

Page ____

10. The purpose and function of the _____ is to direct engine torque to the front and rear axle assemblies.

Page ____