**Chapter 13**

**Vehicle Maintenance Inspection**

LO 13-1  Perform in-vehicle inspection.

* Using a lab vehicle, demonstrate the typical in-vehicle inspection process.
* Have students perform in-vehicle inspections on lab vehicles using Skill Drills 13-1 through 13-4.

LO 13-2  Perform fluid inspection.

* Demonstrate the systems that need to be inspected when performing an underhood inspection and show what fluids are used in the typical modern vehicle.
* Separate students into groups of two or three and have them perform an underhood inspection on lab vehicles using Skill Drills 13-5 through 13-8.

LO 13-3  Perform belt, hose, and air filter/cabin air filter inspection.

* Demonstrate the components that should be checked when performing a belt inspection and a hose inspection. Also demonstrate the typical methods for inspecting an engine and cabin air filter on a typical modern vehicle.
* Separate students into groups of two or three and have them perform an underhood inspection on lab vehicles using Skill Drills 13-9 through 13-11.

LO 13-4  Perform under-vehicle inspection.

* Raise a lab vehicle on a lift and demonstrate an under-vehicle inspection and show students how to check for leaks.
* Separate students into groups of two or three and have them perform an under-vehicle inspection on lab vehicles using Skill Drills 13-12 and 13-13.

LO 13-5  Perform exterior vehicle inspection.

* Using a lab vehicle, demonstrate the typical exterior inspection process.
* Separate students into groups of two or three and have them perform an under-vehicle inspection on lab vehicles using Skill Drills 13-14 through 13-18.