CHAPTER SUMMARY:
1. Throttle position sensor construction and TP sensor computer input functions
2. PCM uses for the TP sensor and testing the throttle position sensor
3. Testing a TP sensor using the MIN/MAX function and testing the TP sensor using a scan tool
4. TP sensor diagnostic trouble codes

OBJECTIVES:
1. Discuss how throttle position sensors work. Discuss the PCM uses for the TP sensor.
2. Describe how to test the TP sensor using a digital multimeter and a scan tool.
3. This chapter will help prepare for Engine Repair (A8) ASE certification test content area “E” (Computerized Engine Controls Diagnosis and Repair).

RESOURCES: (All resources may be found at http://www.jameshalderman.com) Internet access required to hyperlink.
2. Chapter PowerPoint
3. Chapter Crossword Puzzle and Word Search
4. Videos: (A8) Engine Performance Videos
5. Animations: (A8) Engine Performance Animations

ACTIVITIES:

ASSIGNMENTS:
1. Chapter crossword and word search puzzles.
2. Complete end of chapter 10 question quiz.

CLASS DISCUSSION:
1. Review and group discussion chapter Frequently Asked Questions and Tech Tips sections.
2. Review and group discussion of the five (5) chapter Review Questions.

NOTES AND EVALUATION: