# Advanced Engine Performance Diagnosis 8<sup>th</sup> Edition Chapter 1 – Service Information, Work Orders, and Vehicle Identification Lesson Plan

### CHAPTER SUMMARY:

- 1. Owner's Manual, Service Information, Technical Service Bulletins, and Work Orders
- 2. Recalls and Campaigns, Service Records, Parts of a Vehicle, and Vehicle Identification
- 3. Front-Wheel Drive versus Rear-Wheel Drive, Vehicle Certification Label, and VECI Label



### **OBJECTIVES**:

- 1. Discuss the importance of vehicle owner's manuals.
- 2. Explain the different types of service information.
- 3. Describe technical service bulletins.
- 4. Describe vehicle recalls and campaigns.
- 5. Discuss the importance of the work order.
- 6. Explain why service records are important.
- 7. Explain additional information to be obtained from the customer about the vehicle.
- 8. Discuss the parts of a vehicle.
- 9. Differentiate between front-wheel drive and rear-wheel drive.
- 10. Discuss vehicle identification.
- 11. Describe the vehicle safety certification label.
- 12. Describe the VECI label.

**RESOURCES:** (All resources may be found at jameshalderman.com)

- 1. Task Sheet: Work Order
- 2. Task Sheet: Service Manual Usage
- 3. Task Sheet: Technical Service Bulletin
- 4. Task Sheet: Vehicle Service History
- 5. Task Sheet: VIN Code
- 6. Chapter PowerPoint
- 7. Crossword and Word Search Puzzles
- 8. Videos: (A0) Vehicle Service Information, Identification, and Routine Maintenance
- 9. Animations: (A0) Vehicle Service Information, Identification, and Routine Maintenance

# DEMO

- ACTIVITIES:
- 1. Task Sheet: Work Order
- 2. Task Sheet: Service Manual Usage
- 3. Task Sheet: Technical Service Bulletin
- 4. Task Sheet: Vehicle Service History
- 5. Task Sheet: VIN Code





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## ASSIGNMENTS:

- 1. Chapter crossword and word search puzzles from the website.
- 2. Complete end of chapter quiz from the textbook.
- 3. Complete multiple choice and short answer quizzes downloaded from the website.



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### **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 <u>Review Questions</u>.



## **NOTES AND EVALUATION:**