

# Automotive Heating and Air Conditioning 9<sup>th</sup> Edition

## Chapter 1 – Service Information, Work Orders, and Vehicle Identification

### Lesson Plan

#### **CHAPTER SUMMARY:**



1. Owner's Manuals, Service Information, Technical Service Bulletins
  2. Recalls and Campaigns, Work Order, and Service Records
  3. Parts of a Vehicle, Front-Wheel Drive versus Rear-Wheel Drive, And Vehicle Identification
  4. Vehicle Safety Certification Label and VEI Label
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#### **OBJECTIVES:**



1. Discuss the importance of vehicle owner's manuals, service records, and service information.
  2. Explain the different types of service information.
  3. Describe vehicle recalls and campaigns.
  4. Discuss the importance of the work order.
  5. Explain why service records are important.
  6. Discuss the parts of a vehicle, and differentiate between front-wheel drive and rear-wheel drive.
  7. Explain vehicle identification, vehicle safety certification label, and the VEI label.
  8. Discuss the different types of emission standards.
  9. Explain calibration codes and casting numbers.
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#### **RESOURCES:** ([All resources may be found at jameshalderman.com](http://www.jameshalderman.com))



1. Task Sheet: Vehicle Service Information
  2. Chapter PowerPoint
  3. [Crossword Puzzle and Word Search](#)
  4. [Videos: A0 Automotive Fundamentals](#)
  5. [Animations: \(A0\) Automotive Fundamentals](#)
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#### **ACTIVITIES:**



1. Task Sheet: Vehicle Service Information
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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 [Review Questions](#).
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#### **NOTES AND EVALUATION:**

