

Automotive Technology 6th Edition

Chapter 16 – Vehicle Identification and Emission Ratings

Lesson Plan



CHAPTER SUMMARY:

1. Parts of a vehicle and front-wheel drive verses rear-wheel drive
 2. Vehicle identification (VIN)
 3. Vehicle safety certification label, VECI label, and emission standards
 4. Calibration codes and casting numbers
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OBJECTIVES:

1. Discuss the parts of a vehicle, and differentiate between front-wheel drive and rear-wheel drive.
 2. Explain vehicle identification, vehicle safety certification label, and the VECI label.
 3. Discuss the different types of emission standards.
 4. Explain calibration codes and casting numbers.
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RESOURCES: (All resources may be found at <http://www.jameshalderman.com>)

1. **Task Sheet ASE (A1 through A8-A-2) P-1:** Vehicle Emission Control Information
 2. Chapter PowerPoint
 3. Chapter Crossword Puzzle and Word Search
 4. Animations: Vehicle Identification Numbers
 5. Videos: How to find your VIN (time 1:08)
 6. Videos: How to Obtain a Car's VIN (time 1:37)
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ACTIVITIES:

1. **Task Sheet ASE (A1 through A8-A-2) P-1:** Have students complete Vehicle Emission Control Information Task Sheet.
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ASSIGNMENTS:

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