

Automotive Technology 6th Edition

Chapter 64 – Air Management Systems

Lesson Plan



CHAPTER SUMMARY:

1. Airflow control, air temperature control, and air filtration
 2. Cases and ducts and plenum and control doors
 3. Nonelectrical HVAC controls and electrical HVAC controls
 4. Blower motors
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OBJECTIVES:

1. Discuss the different components of an air management system.
 2. Explain airflow control and air temperature control in an A/C system.
 3. Discuss air filtration, air ducts, and plenum and control doors.
 4. Explain nonelectrical and electronic HVAC controls.
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RESOURCES: (All resources may be found at <http://www.jameshalderman.com>) Internet access required to hyperlink.

1. **Task Sheet ASE (A7-D-1) P-1:** Blower Motor Circuit
 2. Chapter PowerPoint
 3. Chapter Crossword Puzzle and Word Search
 4. Videos: [\(A7\) Heating & Air Conditioning Videos](#)
 5. Animations: [\(A7\) Heating & Air Conditioning Animations](#)
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ACTIVITIES:

1. **Task Sheet ASE (A7-D-1) P-1:** Have students complete Blower Motor Circuit 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:
