

Automotive Technology 7th Edition

Chapter 136 – Exhaust Systems Specialist (X1)

Lesson Plan



CHAPTER SUMMARY:

1. Exhaust System, Exhaust System Components, and Exhaust System Mounting Hardware
2. Exhaust System Inspection, Exhaust System Repair, Exhaust Emission Control
3. Exhaust System Fabrication, Mig Welding, Oxy-Acetylene Welding, and Flame Types



OBJECTIVES:

1. Discuss the purpose and function of an automotive exhaust system.
2. Discuss the components of an automotive exhaust system.
3. Describe exhaust system mounting hardware.
4. Describe how to inspect the exhaust system.
5. Discuss exhaust system repairs.
6. Explain exhaust emission control systems.
7. Discuss the exhaust system fabrication process.
8. Discuss MIG welding.
9. Discuss oxy-acetylene welding.
10. Discuss flame types.



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

1. Task Sheet: Exhaust System Specialist – Inspection
2. Task Sheet: Exhaust System Specialist – Fabrication
3. Crossword Puzzle and Word Search
4. Chapter PowerPoint
5. Videos: [\(A8\) Engine Performance Videos](#)
6. Animations: [\(A8\) Engine Performance Animations](#)



ACTIVITIES:

1. Task Sheet: Parts Specialist – Vehicle Identification
2. Task Sheet: Parts Consultant – General Operations
3. Crossword Puzzle and Word Search



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.



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: