

Automotive Technology 7th Edition

Chapter 74 – Fuel Pumps, Lines, and Filters

Lesson Plan



CHAPTER SUMMARY:

1. Fuel Delivery System, Fuel Lines, Electric Fuel Pumps, Fuel Filters, and Fuel-Pump Testing
2. Fuel-Pump Replacement



OBJECTIVES:

1. Discuss the fuel delivery system, including fuel tanks and rollover leak protection.
2. Discuss the different types of fuel lines.
3. Explain the different types of electric fuel pumps.
4. Describe fuel filters.
5. Describe how to test fuel pumps.
6. Describe how to replace fuel pumps.



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

1. Task Sheet: Fuel Pump Testing
2. Task Sheet: Fuel Pump Current Draw Test
3. Task Sheet: Fuel Filter Replacement
4. Chapter PowerPoint
5. Crossword Puzzle and Word Search
6. Videos: [\(A8\) Engine Performance Videos](#)
7. Animations: [\(A8\) Engine Performance Animations](#)



ACTIVITIES:

1. Task Sheet: Fuel Pump Testing
2. Task Sheet: Fuel Pump Current Draw Test
3. Task Sheet: Fuel Filter Replacement
4. 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: