

ENGINE SERVICE AND MAINTENANCE WORKSHEETS



These thirty worksheet masters can be duplicated for students and used in teaching this important topic. Each worksheet contains: Part ID, Procedures, Skills Taught, Materials and Evaluation. Order as sets by engine service areas. HOBAR

Battery Service & Maintenance

- Storage Battery Principles
- Testing Battery Leakage
- Servicing the Storage Battery
- Battery Testing with Hydrometer
- Battery Capacity Testing
- Charging the Storage Battery

Set of Six Battery Service Worksheets

Order Number: 817\$5.65

Testing the Ignition System

- Using the Dwell Tachometer
- Adjusting Dwell or Cam Angle
- Using the Timing Light
- Using the Remote Starter Switch
- Using the Compression Tester
- Testing Primary Ignition Voltages
- Testing Secondary Ignition Wires
- Testing the Ignition Coil
- Testing Ignition Points Resistance
- Testing a Condenser
- Testing the Ballast Resistor
- Testing the Cranking Voltage
- Testing the Charging Voltage
- Testing Amperages with the Dual Current Indicator

Set of Fourteen Ignition Systems Worksheets

Order Number: 832\$13.25

Engine Cooling System

- Engine Cooling System
- Cooling System Pressure Cap and Thermostat
- Testing the Radiator Cap and Cooling System
- Using the Antifreeze Coolant Tester

Set of Four Engine Cooling System Worksheets

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Alternator Testing and Service

- Alternator Component Study—Delco Remy
- Alternator Disassembly—Delco Remy
- Testing Diodes
- Testing the Alternator Rotor
- Testing the Alternator Stator
- Alternator Component Study—Motorola

Set of Six Alternator Service Worksheets

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Complete Set

Contains one of each of the worksheet sets listed above in a tabbed three-ring notebook. HOBAR

Order Number: HWSM-ESM\$35.50

MODERN AUTOMOTIVE TECHNOLOGY



Details the construction, operation, diagnosis, service, and repair of late-model automobiles and light trucks. This comprehensive textbook uses a building-block approach that starts with the fundamental principles of system operation and progresses gradually to complex diagnostic and service procedures. Short sentences, concise definitions, and thousands of color illustrations help students

learn quickly and easily. This newly revised text provides thorough coverage of the latest developments in the automotive field, including hybrid drive systems, computer network communication, and tire pressure monitoring systems. Organized around the eight ASE automobile test areas, Modern Automotive Technology is a valuable resource for students preparing for a career in automotive technology, as well as experienced technicians who are preparing for the ASE certification tests. GOODHEART-WILLCOX

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premise, the author explains what makes a car run and identifies what needs to be done to maintain it. DELMAR

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