



RV Service Textbooks

SUMMARIES & ORDER FORM

Published by RVIA

Available through the Mike Molino RV Learning Center

The service textbooks help technicians increase their knowledge and understanding of the various RV components and operating systems found in today's RVs. Written by RV service experts, the 14-volume set also helps prepare technicians for the Registered Technician and RV Service Technician Certification tests.

SOLD IN COMPLETE SETS ONLY



Textbook Title and Description

Introduction to RV Service – Provides an introduction to the RV industry, the various types of RVs and their structural characteristics and systems, the basic tools utilized by RV technicians, and safety in the RV workplace. Summaries of industry codes and standards and RV technician job classifications are also included, as well as basic information on using RV service manuals. Developing and demonstrating solid customer relations and record keeping skills are also addressed.

RV Electrical Systems – Provides instruction on performing AC and DC voltage systems inspections and tests; servicing AC and DC power sources; servicing wiring/distribution systems; and maintaining, repairing and inspecting AC and DC devices.

RV Propane Systems – Provides instruction on inspecting and maintaining propane containers and fittings; inspecting and maintaining the piping system; performing propane system tests; purging and filling containers; transferring propane from container to container; and burning off propane in a container.

RV Generators – Covers the installation, maintenance and repair of RV generators, the generator section and control system. This includes inspecting, maintaining and repairing generator components and verifying battery voltage, fuel source and pressures, engine operation, output voltage and frequency, and governor operation.

RV Ranges & Cooktops – Provides instruction on the installation, repair and replacement of ranges and ovens. This includes verifying gas pressure; verifying grate clips installation; checking lines and fittings; repairing and replacing components; verifying range burners are not affected by operation of force air furnace or other appliances; and performing function tests.

RV Water Heaters – Covers the installation, repair and replacement of RV water heaters — Pilot, DSI (direct spark ignition) and Electric. Topics addressed include inspecting ignition systems, verifying gas pressure; troubleshooting the sequence of operation, repair and replacement of various components; draining and flushing the water heater and inspecting fittings for calcium deposits; checking fittings on the tank; inspecting and replacing the water tank; and checking lines and valves for motor aide.

RV Plumbing Systems – Provides instruction on performing fresh water systems tests; inspecting and repairing fresh water storage tanks, distribution systems, and fixtures and devices; performing waste water systems tests; and inspecting, repairing and replacing waste holding tanks and drainage piping systems.

RV Heating Appliances – Covers installation, repair and replacement of RV heating systems, including gravity, pilot and DSI (direct spark ignition furnaces). Topics examined include verifying pressure and electrical voltage; inspecting and cleaning burner, pilot, exhaust tube and air intake; troubleshooting the sequence of operation; repairing and replacing various furnace components; inspecting and correcting ducting and return air.



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RV Refrigerators – Provides instruction on the installation, repair and replacement of absorption refrigerators (manual and automatic selection). This includes verifying proper venting, AC and DC power sources, propane gas pressure, and leveling; diagnosing and replacing electric and gas components; diagnosing and replacing the cooling unit; diagnosing, repairing and replacing the internal ice maker components; and performing function tests.

RV Air Conditioning – Covers the installation, repair and replacement of air conditioning and heat pump units, including verifying air flow, assessing the integrity of the electrical system, and evaluating the integrity of refrigerant systems.

RV Pre-Delivery Inspection – Introduces and explains the many important steps in inspecting the RV before delivering to the customer, including checking propane systems, pre-testing all appliances and accessories, testing and inspecting the AC and DC electrical system; checking safety items, lighting, window roof molding seals, and wiper blades; checking and lubing doors; visually inspecting chassis; checking lug nuts and tire pressure; testing water supply and drainage systems; and conducting a test drive.

RV Preventive Maintenance – Examines what services to perform for preventative maintenance, including checking propane systems; servicing and adjusting appliances; testing GFCI devices; winterizing and de-winterizing coach; checking safety items; checking and lubricating doors; checking exterior lights; checking window roof molding seals; changing oil and filter on power plants; checking wiper blades; visually inspecting fluid levels; servicing batteries; inspecting belts and hoses; changing chassis oil and filter and lubricating chassis; changing transmission oil, filter and gasket; visually inspecting chassis; checking lug nuts and tire pressure; flushing and refilling cooling system; and performing a test drive.

RV Brakes, Suspension & Towing – Covers the basics of brakes and brake controllers used in RV towable systems. References RV suspension systems as well as wheels and tires. Fully describes types of RV towing systems, hitches, wiring, and accessories. Includes information on troubleshooting, repair and replacement of stabilizer jacks and mechanical landing gear jacks. Textbook also covers vehicle weights, weight safety, weight labels, legal regulations, codes and standards.

RV Hydraulics – Covers the basic principles and laws of hydraulics, hydraulic terminology, special tools and equipment and basic hydraulic circuits. The book introduces the technician to hydraulic system components and their functions. Includes information on performing hydraulic system maintenance, safety, and troubleshooting procedures.

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