

Troubleshooting Marine Diesel Engines 4th Ed International Marine Sailboat Library 4th Fourth Revised Edition By Compton Peter Published By International Marine 1997

The boatowner's foremost troubleshooting guide, now better than ever. If it's on a boat and it has screws, wires, or moving parts, it's covered in Boatowner's Mechanical and Electrical Manual. When you leave the dock with this book aboard, you have at your fingertips the best and most comprehensive advice on: Battery technologies 12- and 24-volt DC systems Corrosion, bonding, and lightning protection Generators, inverters, and battery chargers Electric motors and electric lights Marine electronics, antennas, and RFI Diesel engines Transmissions, shaft brakes, and propellers Refrigeration and air-conditioning Tanks, plumbing, and through-hulls Pumps and watermakers Steering, autopilots, and wind vanes Stoves and heaters Winches, windlasses, and bow thrusters Spars, rigging, and roller reefing "If you had to choose a single book to help you assess and maintain your boat gear, this would be it."—Practical Sailor "A truly remarkable bible. . . . This book is the best of its kind."—WoodenBoat "A major achievement. . . . It would be hard to imagine anything going wrong on a boat that couldn't be figured out with this book."—Sailing World "The world's best technical reference and troubleshooting book."—Sailing Inland and Offshore "This manual will be of lasting interest to anyone who wants to know how their boat works, what has gone wrong when it doesn't, and how it could be fixed."—Classic Boat "Without becoming too complex, the book covers almost every imaginable mechanical or electrical matter in the marine environment."—Work Boat World "Calder lives what he writes, . . . [and] what he offers . . . is practical solutions to problems associated with increasingly complex marine systems. . . . [A] bargain for anyone in the construction and repair side of the boat business."—Professional Boatbuilder Praise for this boating classic: "The most up-to-date and readable book we've seen on the subject."—Sailing World "Deserves a place on any diesel-powered boat."—Motor Boat & Yachting "Clear, logical, and even interesting to read."—Cruising World Keep your diesel engine going with help from a master mechanic Marine Diesel Engines has been the bible for do-it-yourself boatowners for more than 15 years. Now updated with information on fuel injection systems, electronic engine controls, and other new diesel technologies, Nigel Calder's bestseller has everything you need to keep your diesel engine running cleanly and efficiently. Marine Diesel Engines explains how to: Diagnose and repair engine problems Perform routine and annual maintenance Extend the life and improve the efficiency of your engine The top-selling auto repair guide--400,000 copies sold--now extensively reorganized and updated Forty-eight percent of U.S. households perform at least some automobile maintenance on their own, with women now accounting for one third of this \$34 billion automotive do-it-yourself market. For new or would-be do-it-yourself mechanics, this illustrated how-to guide has long been a must and now it's even better. A complete reorganization now puts relevant repair and maintenance information directly after each automotive system overview, making it much easier to find hands-on fix-it instructions. Author Deanna Sclar has updated systems and repair information throughout, eliminating discussions of carburetors and adding coverage of hybrid and alternative fuel vehicles. She's also revised schedules for tune-ups and oil changes, included driving tips that can save on maintenance and repair costs, and added new advice on troubleshooting problems and determining when to call in a professional mechanic. For anyone who wants to save money on car repairs and maintenance, this book is the place to start. Deanna Sclar (Long Beach, CA), an acclaimed auto repair expert and consumer advocate, has contributed to the Los Angeles Times and has been interviewed on the Today show, NBC Nightly News, and other television programs.

This densely illustrated, hands-on guide to diesel engine maintenance, troubleshooting, and repair renders its subject more user-friendly than ever before. Finally, boatowners who grew up with gas engines can set aside their fears about tinkering with diesels, which are safer and increasingly more prevalent. As in other volumes in the International Marine Sailboat Library, every step of every procedure is illustrated, so that users can work from the illustrations alone. The troubleshooting charts in the second chapter--probably the most comprehensive ever published--are followed by system-specific chapters, allowing readers to quickly diagnose problems, then turn to the chapter with solutions. Diesel engine systems covered include: mechanical; oil; fresh- and raw-water cooling; low- and high-pressure fuel; exhaust; starting; charging; transmission and stern gear.

This fully updated, money-saving guide shows, step by step, how to repair and maintain diesel engines Thoroughly revised to cover the latest advances, this resource equips you with the state-of-the-art tools and techniques needed to keep diesel engines running smoothly and in top condition. The book offers comprehensive and practical coverage of diesel technology and clearly explains new diesel/hydrogen and diesel/methane engines. Troubleshooting and Repairing Diesel Engines, Fifth Edition covers new engine technology, electronic engine management, biodiesel fuels, and emissions controls. This new edition contains cutting-edge information on recent developments, including turbocharging and changes in the composition of conventional fuel. You will find out how to successfully carry out repairs and get professional results while saving money.

•Covers a broad range of diesel engine makes and models•Features helpful facts, specifications, and flow charts •Written by a master mechanic and bestselling author The names Bloch and Geitner are synonymous with machinery maintenance and reliability for process plants. They save companies like Dow and Equilon millions of dollars a year by extending the life of rotating machinery in their plants. Extending the life of existing machinery is the name of the game in the process industries, not designing new machinery. This series by Bloch and Geitner was the first and is still the best, most comprehensive source for doing just that. This classic text on reliability has been revised to include all new material on risk management, pre-grouted bases, laser alignment, cartridge seals maintenance, and many other topics which have undergone many developments since the last revision. Helps engineers save their companies hundreds of thousands of dollars a year by reducing machinery downtime Now in its third edition, with a twenty-year history of success Details the money-saving techniques used by many of the world's leading companies, including Exxon, DuPont, Dow, and dozens of others Industrial Machinery Repair provides a practical reference for practicing plant engineers, maintenance supervisors, physical plant supervisors and mechanical maintenance technicians. It focuses on the skills needed to select, install and maintain electro-mechanical equipment in a typical industrial plant or facility. The authors focuses on "Best Maintenance Repair Practices" necessary for maintenance personnel to keep equipment operating at peak reliability and companies functioning more profitably through reduced maintenance costs and increased productivity and capacity. A number of surveys conducted in industries throughout the United States have found that 70% of equipment failures are self-induced. If the principles and techniques in this book are followed, it will result in a serious reduction in "self induced failures". In the pocketbook format, this reference material can be directly used on the plant floor to aid in effectively performing day-to-day duties. Data is presented in a concise, easily understandable format to facilitate use in

