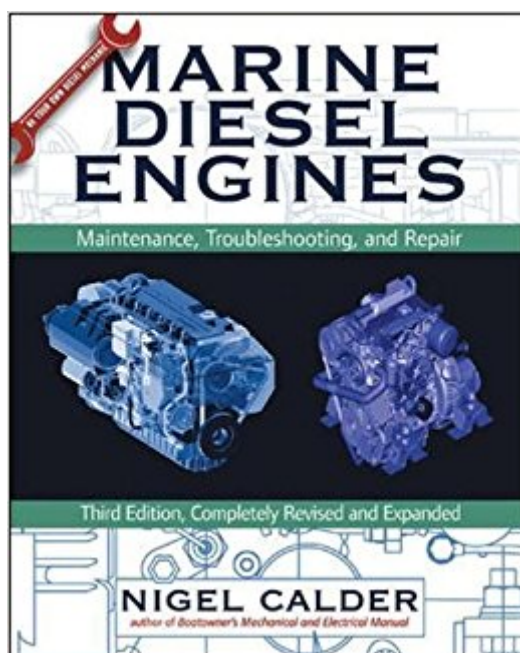


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# Marine Diesel Engines: Maintenance, Troubleshooting, And Repair (International Marine-RMP)



## Synopsis

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

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## Customer Reviews

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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 Nigel Calder is widely acknowledged as the world's foremost writer on boat systems maintenance. A diesel mechanic for more than 35 years, he has also been a boatbuilder, cabinetmaker, and machinist. Calder is the author of How to Read a Nautical Chart, Nigel Calder's Cruising Handbook, and Boatowner's Mechanical and Electrical Manual. Learn how to: Cure overheating Fix your transmission Retrofit a new diesel engine Flush your cooling system Change your oil Clean your electrical system Replace fuel filters and bleed air from the fuel system Troubleshoot virtually any problem

Nigel Calder, a diesel mechanic, boatbuilder, and machinist, is widely acknowledged as the world's foremost writer on boat systems maintenance.

I'm at a bit of a loss on how to review this. It's a great reference, BUT if you already have Calder's *Boatowner's Mechanical and Electrical Manual: How to Maintain, Repair, and Improve Your Boat's Essential Systems* (referred to by most cruisers just as "Calder"), this book does not add a lot that's not covered there. If you already own *Boatowner's Mechanical and Electrical Manual: How to Maintain, Repair, and Improve Your Boat's Essential Systems*, I'd recommend getting a book by a different author on the diesel as there's a greater likelihood of one of them having just the piece of information you need. My suggestion of an alternative: *Troubleshooting Marine Diesels* Other reviews have covered this book in detail, plus there's a new edition out, so I won't go into further detail.

Buy this book, read it from cover to cover, then keep it onboard for reference. That way, when something goes wrong and you are far from any help or assistance, you will be able to handle the problem and get home. That has happened to me already and this book has paid for itself many times over. The investment is invaluable. I highly recommend this book and I would go so far as to say your marine diesel engine is incomplete without this book to go with it.

Very comprehensive treatment of the topic. How to guide for the big repairs on diesel engines. You may not be contemplating these type of repairs yourself, but knowing how they are done teaches one a lot about how the engines work. Plus, you are prepared in case you find yourself in a remote

location with a non-working engine.

This is a good intro to small diesels, especially outdated ones you find on old boats. The writing is readable and easy-to-follow. The pictures could be much better. A mechanic friend who uses it to teach seminars said it contains several pieces of inaccurate info in the troubleshooting tables. Overall, his other books (Boatowner's Mechanical and Electrical Manual) is a better deal since it contains most of the same material and then some.

If you have a boat with a diesel engine and you aren't an expert diesel mechanic, you should probably get this book. I find that the explanations in the book along with the manual and parts catalog for my particular engine, I was able to figure out most things, e.g. starter and solenoid issues, bleeding air, changing the raw water pump impeller, thermostats, air filter. I still pay professionals to do the hard stuff.

I've read through some of it and I would highly recommend if you want to learn about marine diesel engines. Nigel does a very good job of explaining how things work and plenty of diagrams to look at.

As a new boatowner knowing next to nothing about engines this book has helped me identify key parts of my own engine and explain what their functions are. The book provides clear troubleshooting procedures (hope I will not need those since I intend to follow the suggested maintenance procedures instead) and information on how to diagnose different symptoms. The book is covering basic engine parts, more in depth explanations of engine parts, fuel system, how to troubleshoot start problems, diagnosing different sounds and symptoms, maintenance and repair procedures (probably more than most of us will want to perform ourselves - like opening up cylinders and decarbonizing the engine). I especially liked the chapter about engine selection and installation which discussed various aspects of hull, engine, exhaust and transmission fittings. Illustrations are good and applicable across engine brands. Warning: The book kept me awake several nights because I had to check things the very next day after reading a chapter.

Not a novel, for sure. But very informative for the novice to the knowledgeable.

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Marine Diesel Engines: Maintenance, Troubleshooting, and Repair (International Marine-RMP)

Marine Diesel Engine Basics – A Beginners Guide to Marine Diesel Engine Maintenance

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