



Automotive Driveability: A Guide To Engine Performance Diagnosis

New to driveability? Read this book and let your fellow technician give you a head start.

Overview

New to driveability? Let your fellow technician give you a head start.

Peter Meier is a driveability pro, a working owner/technician with a shop in Florida. He has answers and insights that every technician learns during their journey toward becoming a driveability pro.

Use his information to help you become the drivability pro that shops love to hire. Not comfortable with driveability? Use that discomfort to your advantage! Read, read, read and practice what you read.

Learn from others who have accomplished what you are aiming for. Put yourself to the test. Don't forget the basics!

Read this book.

His grammar is not perfect but Peter Meier's book will improve your understanding of diagnostics and the most important vehicle systems and tools in the shop today.

The book is 145 pages with over 80 full color illustrations. Soft cover.

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Chapter 1: A Logical Approach to Diagnostics

A few minutes spent up front will save you time and money

Chapter 2: How an ECM Thinks

Understanding how the ECM tests will help you reduce your testing time and comebacks

Chapter 3: Global OBD2 Modes and Monitors

An explanation of the 9 modes and a review of the continuous and noncontinuous monitors

Chapter 4: Mode \$06

What it is, and how to use it...pitfalls and all. Includes explanation of Ford's pre-CAN misfire TIDs.

Chapter 5: Understanding Fuel Trim

Lambda? What's that? Where STFT and LTFT come from and what they can tell you.

Chapter 6: It's All Electrical

Testing techniques to make sure the electrons get where they're supposed to.



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Chapter 7: Tackling Diagnostic Trouble Codes
Tips and techniques to reducing your diag time

Chapter 8: Scan Tools, Scopes and Other Stuff
Consider this information before you shell out your money

Chapter 9: Scopes 101
An Introduction to scope use.

Chapter 10: Ignition System Testing Techniques
A step by step guide in several testing techniques, including what your testing and why

Chapter 11: Fuel System Testing Techniques
Same thing, only for fuel system related components

Chapter 12: Testing Engine Integrity

Making sure the engine can "breathe and squeeze"

Chapter 13: What Not to Do
A case study where everything goes wrong

Chapter 14: When Things Go Right
A case study where everything goes according to plan

Who is Peter Meier?

I am not a shop owner, but do work as a full time technician. I also write for Motor Age from time to time, and will soon be teaching advanced automotive at a local, public technical school.