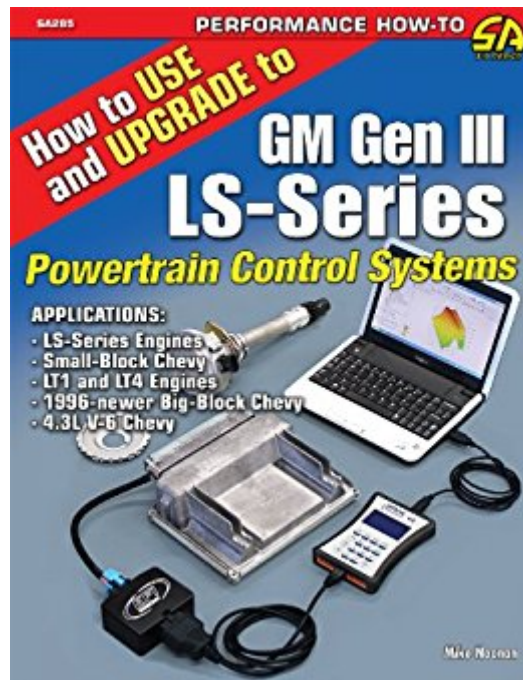


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# How To Use And Upgrade To GM Gen III LS-Series Powertrain Control Systems



## Synopsis

Not only are the performance and flexibility aspects of engine swaps covered in great detail, but there are significant cost benefits as well. This is the first book to thoroughly explain the GM LS-Series Gen III PCM and how they can be efficiently used, and contains key information helpful to people swapping LS Series engines into older musclecars.

## Book Information

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## Customer Reviews

This book contains exactly the info I need to plan the use of a modern GM PCM for my older vehicle. It's not just another "LS" engine swap manual; it's about the electronics that came on these powertrains and how they can be adapted to work properly on other GM engines -OR- on your LS swap. Each chapter covers a different feature or function of the PCM, and the different ways you might address that function in your application. The book also features plenty of photos of the factory parts you might need, complete with part numbers, original applications, and side-by-side comparisons so you can easily identify them on a donor vehicle. (Like an "interchange" manual for LS electronics covering PCM's, all the various sensors, coils, IAC valves, etc). Toward the end of

the book there are a few sample projects of vehicles that have been successfully retrofit to use "LS" series PCM's. Great info, very thorough, it's worth every penny!

this book is pretty informative for the novice but it focuses mostly on efi live. i'm familiar with hptuners so this served some purposes but it didn't get into more advanced level of what wires do what with which ecu. the book is good but not great. i wanted to repin some wiring and modify wiring harnesses and this didn't do much for me with that regards.

Some misinformation and left out information. Still leaves me with all my questions, unanswered. Granted the author is a person who sells conversion kits, perhaps he does not know all the answers though.

A lot of good information and parts references for older type engines needing to be upgraded. I have been doing this for 10 years, and it was a eye opener of new stuff available for the older engines. I would buy it again.

The author makes a complicated subject understandable. The book was clearly written with many appropriate, illustrative, and clear pictures, drawings and charts that aid the reader in understanding the information. The best thing about the book for me was the description of 5 projects that show how the information used in the text is applied to a real project in a practical manner. I will definitely look for Mike Noonan's books in the future.

Helpful information to understanding how the ls series engines electronics work and are compatible with different year range ls series, very helpful especially for those looking to do ls swaps into older classic/ muscle cars.

This book has a lot of good info about motor swaps. Info you can't find anywhere else. I'm doing an LQ9 swap into a 90's Chevy truck and this book answered all the unknown questions

Lot of information about the GM LS EFI system and the various parts and their compatibility. Good explanation about the LS ECM's and their various strengths and weaknesses. He gives part numbers and talks about the various sensors and other devices in the LS engine in good detail and explains their differences. But, if you are looking for diagrams or actual how to connect something

you won't find it here. A large portion of book is spent promoting the authors services and parts needed to convert LT-1 or MEFI systems to use the more advanced LS engine controls. Retrofitting cam sensors and crankshaft reluctors to engines not designed for them is interesting but of little value to most readers. In summary I cannot recommend this book to those who are looking to install or swap LS engines using factory harnesses. The author rejects the idea and instead suggests you build your own from scratch. If you have advanced knowledge it is an option, but expensive once you buy connectors and wire. This book will not be of much use to those who are not interested in upgrading their old TPI and LT-1 engines to LS controls.

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