



## Diagnostic Strategies of Modern Automotive Systems: (Equipment Usage and Repair Strategies) (Paperback)

By Mandy Concepcion

Createspace, United States, 2011. Paperback. Book Condition: New. 274 x 198 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.In this section, we ll cover diagnostic equipment usage. As an automotive activity, diagnosing modern vehicles has become extremely high-tech oriented and difficult. Few professions involve so much from their practitioner. A modern technician has to master a multitude of disciplines, including electronics, optics, mechanics, programming, computer science and many others. Such highly technological activities require a keen analytical mind. But as in any human endeavors, proficiency comes with practice and patience. The techniques presented in this section combined with the necessary hands on practice are designed to sharpen the technician s abilities to perform profitable and fast diagnostics. With patience and practice, any vehicle can be repaired. Enjoy! Edition 4.0, Section 3, Equipment Usage Repair Strategies, Copyright 2004, 2011, All rights reserved. Section 3 Table of Contents \* CURRENT RAMPING STRATEGY - (what s current ramping and how it works, oscilloscope (DSO) and a low/ high amperage clamp-on amp probe, magnetic field, fuel pumps, current ramping a fuel pump, determining the fuel pump speed, commutators, FP waveforms, ignition coil current ramping, Coil-On-Plug current ramping, ignition coil waveforms,...



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