



## Today's Technician: Advanced Automotive Electronic Systems, Classroom and Shop Manual (The Ultimate Series Experience)

By Barry Hollembeak

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### **Editorial Review**

#### Review

CLASSROOM MANUAL: Preface. 1. Introduction to Electronic Systems. 2. Practical Theories and Laws. 3. Computer Systems. 4. Vehicle Communication Networks. 5. Supplemental Airbag Systems. 6. Driver and Passenger Comfort Systems. 7. Electronic Stability and Roll-Over Mitigation Systems. 8. Driver Assistance Systems. 9. Infotainment Systems. 10. Alternate Propulsion Systems. 11. Glossary of Terms. 12. Index. SHOP MANUAL: Preface. 1. Safety. 2. Special Tools and Advanced Diagnostic Procedures. 3. Computer Systems Diagnostics. 4. Diagnosing Vehicle Communication Systems. 5. Supplemental Airbag System Diagnosis. 6. Diagnosing Driver and Passenger Comfort Systems. 7. Diagnosing Electronic Stability and Roll-Over Mitigation Systems. 8. Diagnosing Driver Assistance Systems. 9. Diagnosing Infotainment Systems. 10. Hybrid and High-Voltage System Service. 11. Glossary of Terms. 12. Index.

#### About the Author

Barry Hollembeak has been involved in the automotive repair industry for nearly 40 years and has provided instruction to dealership technicians for the past 20 years as a technical trainer. Mr. Hollembeak entered the automotive technology field in 1974 as a service technician, working in both fleet and independent repair shops before opening his own repair facility. After selling his business and retiring as a technician, he became an instructor and author, teaching automotive technology at the post-secondary level for five years and serving as director of education for two years. Mr. Hollembeak then entered manufacturer training. He is a Master and Advanced Engine Performance Certified Technician with ASE and is a member of the Colorado Automotive Teachers Society. Mr. Hollembeak is involved with the College Automotive Program, AYES and SkillsUSA and has been a guest speaker for NATEF, CATS, and several other organizations.

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