Acura Service Manuals

Looks at the combustion basics of fuel injection engines and offers information on such topics as VE equation, airflow estimation, setups and calibration, creating timing maps, and auxiliary output controls.

Offers maintenance, service, and repair information for Acura and Honda vehicles made between 2011 and 2012.

Covers most anti-lock braking systems currently in use. Includes ABS theory, troubleshooting and a thorough description of how each system works.

Covers principles of operation, troubleshooting, maintenance and repair of the modern braking system. Information on tool selection and usage is included, plus a chapter on brake system modifications and high-performance brake parts.

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: –Build an accurate threat model for your vehicle –Reverse engineer the CAN bus to fake engine signals –Exploit vulnerabilities in diagnostic and data-logging systems –Hack the ECU and other firmware and embedded systems –Feed exploits through infotainment and vehicle-to-vehicle communication systems –Override factory settings with performance-tuning techniques –Build physical and virtual test benches to try out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop.

All models.

Offers maintenance, service, and repair information for Asian vehicles made between 2001 and 2005, from drive train to chassis and related components.

Haynes offers the best coverage for cars, trucks, vans, SUVs and motorcycles on the market today. Each manual contains easy to follow step-by-step instructions linked to hundreds of photographs and illustrations. Included in every manual: troubleshooting section to help identify specific problems; tips that give valuable short cuts to make the job easier and eliminate the need for special tools; notes, cautions and warnings for the home mechanic; color spark plug diagnosis and an easy to use index.

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