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Nota di contenuto	Chapter 1. Benefits and applications of the in-vehicle network for data acquisition -- Chapter 2. Comparison with traditional data acquisition -- Chapter 3. Binary, hex, bits, and bytes -- Chapter 4. Controller area network (CAN) protocol -- Chapter 5. On-board diagnostics (OBD) background and standards -- Chapter 6. OBD-II diagnostic messages and test modes -- Chapter 7. J1979 OBD-II data with mode \$01 -- Chapter 8. Mode \$06: request on-board monitoring test results for specific monitored systems -- Chapter 9. Enhanced diagnostics -- Chapter 10. Additional protocols -- Chapter 11. Diagnostic trouble codes (DTCs) -- Chapter 12. Steps to acquire LD in-vehicle network data -- Chapter 13. Applications and example data -- Chapter 14. Calculating fuel economy -- Chapter 15. Reverse engineering messages -- Chapter 16. Data storage and transfer.
Sommario/riassunto	This is a guide for the reader on how to acquire and correctly interpret data from the in-vehicle network of light-duty (LD) vehicles. The reader will learn how to determine what data is available on the vehicle's network, acquire messages and convert them to scaled engineering parameters, apply more than 25 applicable standards, and understand 15 important test modes.