

1. Record Nr.	UNINA9910438218103321
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Titolo	Data acquisition from HD vehicles using J1939 CAN Bus // by Richard P. Walter and Eric P. Walter
Pubbl/distr/stampa	Warrendale, Pa. (400 Commonwealth Dr., Wallendale PA USA) : , : Society of Automotive Engineers, , 2016 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2016]
ISBN	0-7680-8860-7 0-7680-8308-7
Descrizione fisica	1 online resource (144 pages)
Collana	Society of Automotive Engineers. Electronic publications.
Disciplina	629.254
Soggetti	Motor vehicles - Electric equipment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
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. J1939 standard overview -- Chapter 6. J1939 lower layer specifications -- Chapter 7. Application layer (J1939/71) -- Chapter 8. Diagnostics (J1939/73) -- Chapter 9. Heavy-duty on-board diagnostic (HD-OBD) -- Chapter 10. Examples of J1939 data -- Chapter 11. Data storage and transfer -- Appendix A. Abbreviations -- Index.
Sommario/riassunto	The focus is to guide the reader on how to acquire and correctly interpret data from the in-vehicle network of heavy-duty (HD) vehicles. The reader will learn how to convert messages to scaled engineering parameters, and how to determine the available parameters on HD vehicles, along with their accuracy and update rate.