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Titolo	Assessment of fuel economy technologies for light-duty vehicles
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2011
ISBN	9786613151728 9780309216388 0309216389 9781283151726 1283151723 9780309156080 0309156084
Edizione	[1st ed.]
Descrizione fisica	1 online resource (233 p.)
Disciplina	629.253
Soggetti	Automobiles - Fuel consumption - Research - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	<p>""Front Matter""; ""DEDICATION-Dr. Patrick Flynn"";</p> <p>""Acknowledgments""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Fundamentals of Fuel Consumption""; ""3 Cost Estimation""; ""4 Spark-Ignition Gasoline Engines""; ""5 Compression-Ignition Diesel Engines""; ""6 Hybrid Power Trains""; ""7 Non-Engine Technologies""; ""8 Modeling Improvements in Vehicle Fuel Consumption""; ""9 Application of Vehicle Technologies to Vehicle Classes""; ""Appendixes""; ""Appendix A: Committee Biographies""; ""Appendix B: Statement of Task""; ""Appendix C: List of Presentations at Public Committee Meetings"" ""Appendix D: Select Acronyms"" ""Appendix E: Comparison of Fuel Consumption and Fuel Economy""; ""Appendix F: Review of Estimate of Retail Price Equivalent Markup Factors""; ""Appendix G: Compression-Ignition Engine Replacement for Full-Size Pickup/SUV""; ""Appendix H: Other NRC Assessments of Benefits, Costs, and Readiness of Fuel Economy Technologies""; ""Appendix I: Results of Other Major Studies""; ""Appendix J: Probabilities in Estimation of Fuel Consumption Benefits and Costs""; ""Appendix K: Model Description and Results for the EEA-ICF Model""</p>

Various combinations of commercially available technologies could greatly reduce fuel consumption in passenger cars, sport-utility vehicles, minivans, and other light-duty vehicles without compromising vehicle performance or safety. Assessment of Technologies for Improving Light Duty Vehicle Fuel Economy estimates the potential fuel savings and costs to consumers of available technology combinations for three types of engines: spark-ignition gasoline, compression-ignition diesel, and hybrid. According to its estimates, adopting the full combination of improved technologies in medium and large cars and pickup trucks with spark-ignition engines could reduce fuel consumption by 29 percent at an additional cost of \$2,200 to the consumer. Replacing spark-ignition engines with diesel engines and components would yield fuel savings of about 37 percent at an added cost of approximately \$5,900 per vehicle, and replacing spark-ignition engines with hybrid engines and components would reduce fuel consumption by 43 percent at an increase of \$6,000 per vehicle. The book focuses on fuel consumption--the amount of fuel consumed in a given driving distance--because energy savings are directly related to the amount of fuel used. In contrast, fuel economy measures how far a vehicle will travel with a gallon of fuel. Because fuel consumption data indicate money saved on fuel purchases and reductions in carbon dioxide emissions, the book finds that vehicle stickers should provide consumers with fuel consumption data in addition to fuel economy information.

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2. Record Nr.	UNINA9910975408303321
Autore	Richardson Laurel
Titolo	After a fall : a sociomedical sojourn // Laurel Richardson
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2016
ISBN	1-315-43531-4 1-315-43532-2 1-315-43533-0 1-61132-318-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (270 p.)
Disciplina	362.16
Soggetti	Patients Nursing homes Long-term care of the sick Foot - Wounds and injuries - Patients
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	First published 2013 by Left Coast Press, Inc.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Fear of falling -- We don't know why yet -- Help me ... help me -- What is right -- Lo and behold -- You have lots of friends -- Snake pit -- A time to every purpose -- Kiss me ... kiss -- Down with the bad, up with the good -- Food good for women -- Training wheels -- The forever home -- Temporarily abled.
Sommario/riassunto	For renowned sociologist and writer Laurel Richardson, a broken foot led to a month as a patient in an extended care facility. In this compelling description of her lived experience in one of these institutions, she addresses key questions of health delivery and behavior: nurses who can be angelic or cruel, institutional policies often structured to maximize income over care, and patients whose behavior often does not mirror the severity of their condition. She points to inequality of treatment of patients of different ethnicities, genders, and classes, and to an underclass of health workers-o