1. Record Nr. UNINA9910438322103321 Autore Dingle Philip J. G. Titolo Diesel common rail and advanced fuel injection systems / / Philip J.G. Dingle, Ming-Chia D. Lai Warrendale, Pa. (400 Commonwealth Dr., Wallendale PA USA):,: Pubbl/distr/stampa Society of Automotive Engineers, , c2005 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2005] Edizione [1st ed.] Descrizione fisica 1 PDF (137 pages): illustrations, digital file Society of Automotive Engineers. Electronic publications. Collana Altri autori (Persone) LaiMing-Chia Soggetti Diesel motor - Fuel systems Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references (p. 127-135). History and Background -- Injector Nozzle and Spray Technologies and Nota di contenuto Their Impact on Emissions -- Common Rail Fuel Injection Equipment --Hydraulic Electronic Unit Injectors -- Unit Injectors and Unit Pumps --Current Application Issues -- Future Outlook and Technology Trends. Sommario/riassunto Despite being developed more than 100 years ago, the diesel engine has yet to achieve mass acceptance in the North American passenger car sector. In most other parts of the world, however, diesel engines have made considerable strides due in part to the common rail fuel injection system. Significant fuel economy, reduced exhaust emissions, invincible low-speed torque, and all-around good drivability are a few of the benefits associated with common rail technology, which are

Systems.

covered in-depth in Diesel Common Rail and Advanced Fuel Injection