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Xiang Xie



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Diesel Emissions and Their Control, 2nd Edition W. Addy Majewski, Hannu Jääskeläinen, 2023-12-20 Engineers applied scientists students and individuals working to reduce emissions and advance diesel engine technology will find the second edition of *Diesel Emissions and Their Control* to be an indispensable reference. Whether readers are at the outset of their learning journey or seeking to deepen their expertise, this comprehensive reference book caters to a wide audience. In this substantial update to the 2006 classic, the authors have expanded the coverage of the latest emission technologies. With the industry evolving rapidly, the book ensures that readers are well informed about the most recent advances in commercial diesel engines, providing a competitive edge in their respective fields. The second edition has also streamlined the content to focus on the most promising technologies. This book is rooted in the wealth of information available on DieselNet.com, where the Technology Guide papers offer in-depth insights. Each chapter includes links to relevant online materials, granting readers access to even more expertise and knowledge. The second edition is organized into six parts, providing a structured journey through every aspect of diesel engines and emissions control: Part I: A foundational exploration of the diesel engine combustion and essential subsystems; Part II: An in-depth look at emission characterization, health and environmental impacts, testing methods, and global regulations; Part III: A comprehensive overview of diesel fuels, covering petroleum, diesel alternative fuels, and engine lubricants; Part IV: An exploration of engine efficiency and emission control technologies, from exhaust gas recirculation to engine control; Part V: The latest developments in diesel exhaust aftertreatment, encompassing catalyst technologies and particulate filters; Part VI: A historical journey through the evolution of diesel engine technology, with a focus on heavy-duty engines in the North American market. ISBN 9781468605693 ISBN 9781468605709 ISBN 9781468605716 DOI 10.4271/9781468605709 **Fleet Owner**, 2006 **Car and Driver**, 2007 Metro, 2008 **Plan**

B 3.0: Mobilizing to Save Civilization (Substantially Revised) Lester R. Brown, 2008-01-17 How to build a more just world and save the planet. We should all heed Brown's advice. Bill Clinton. In this updated edition of the landmark *Plan B*, Lester Brown outlines a survival strategy for our early twenty-first century civilization. The world faces many environmental trends of disruption and decline, including rising temperatures and spreading water shortage. In addition to these looming threats, we face the peaking of oil, annual population growth of 70 million, a widening global economic divide, and a growing list of failing states. The scale and complexity of issues facing our fast-forward world have no precedent. With *Plan A*, business as usual, we have neglected these issues over a long time. In *Plan B 3.0*, Lester R. Brown warns that the only effective response now is a World War II type mobilization, like that in the United States after the attack on Pearl Harbor. *Automotive News*, 2008

Plan B 3.0: Mobilizing to Save Civilization Lester R. Brown, **TWENTY-FIRST CENTURY'S FUEL SUFFICIENCY ROADMAP** STEVE ESOMBA, Dr., 2012-06-06 We badly need new sources of clean energy to generate electricity, heat, and power our industries, homes, and workplaces. Up to now, we have relied on and used only fossil fuels to

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