

Ius



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Reviews

This publication will never be effortless to begin on studying but extremely entertaining to learn. It is probably the most incredible publication i have go through. I realized this ebook from my i and dad suggested this publication to learn.
(Austin O'Connell)

IUS



RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 18 pages. Original publisher: Golden, Colo. : National Renewable Energy Laboratory, 2007 OCLC Number: (OCoLC)214062200 Subject: Automobiles -- Air conditioning -- Environmental aspects. Excerpt: . . . NREL is working closely with industry to develop techniques to reduce the auxiliary loads, such as climate control, in a vehicle. Our research shows that technologies, such as solar-reflective glass and parked car ventilation, can significantly reduce the thermal loads and fuel use. Solar-reflective coatings and insulation had less of an impact on interior temperature, but could become increasingly important as cabin thermal loads and as engine waste decreases in advanced vehicles. A critical benefit of reducing the soak thermal loads is that the occupants experience lower temperatures upon entering a hot-soaked vehicle and feel less discomfort. Additional energy savings can be realized by cooling the occupants through ventilated, cooled, and low-mass seats. Using waste heat to generate cooling with thermoacoustics was not feasible for light-duty vehicles, but there is potential for using a more compact thermoacoustic system to generate electricity. REFERENCE LIST 1) Wards 2006 Automotive Yearbook. Binder, A. K. , ed. Southfield, MI: Wards Communications, 2006. 2) Wipke, K. ; Cuddy, M. ; Bharathan, D. ; Burch, S. ; Johnson, V. ; Markel, A. ; Sprik, S. ADVISOR 2. 0: A Second-Generation Advanced Vehicle Simulator for Systems Analysis. NREL TP-540-25928 Golden, CO: NREL, 1999. 3) Kelly, K. J. ; Rajagopalan, A. Benchmarking of OEM Hybrid Electric Vehicles at NREL. NREL TP-540-31086. Golden, CO: NREL, 2001. 4) Hybrid Electric Vehicles. Idaho National Laboratory, <http://avt.inl.gov/hev.shtml>. Accessed February 12, 2007. 5) Fuel Economy Labeling of Motor Vehicles: Revisions to Improve Calculation of Fuel Economy Estimates. U. S. Environmental Protection Agency. EPA420-D-06-009, <http://www.epa.gov/epa420-d-06-009/>

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