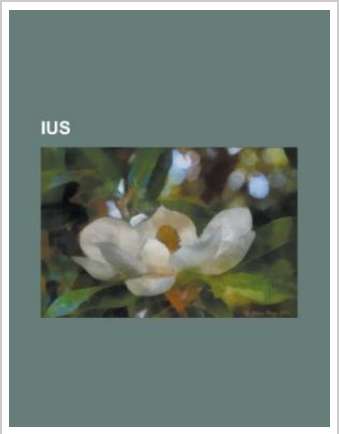

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By -

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 increasing 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 thermoacoutic system to generate electricity. REFERENCE LIST 1) Wards 2006 Automotive Yearbook. Binder, A. K. , ed. Southfield, MI: Wards Communications, 2006. 2)...

Reviews

Thorough information! Its this kind of very good read. It is writter in basic words and not hard to understand. You wont feel monotony at anytime of your respective time (that's what catalogues are for regarding should you question me).

-- ***Roel Bogisich Sr.***

This is an amazing book that I actually have actually read through. I am quite late in start reading this one, but better then never. You will not truly feel monotony at anytime of the time (that's what catalogs are for concerning should you ask me).

-- ***Scottie Schroeder DDS***