

US EPA ARCHIVE DOCUMENT

MOTOR VEHICLES AND

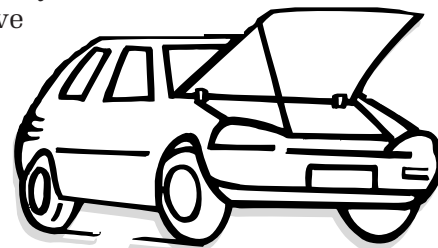


February 2002

Doing What it Takes to be WasteWise

From reducing product packaging to recycling automobile parts, the motor vehicles and parts industry has a wealth of waste reduction opportunities. Below is a sampling of the commitments and achievements of WasteWise partners in this industry. These types of activities also can help your company reduce waste and cut costs. For more information or to enroll your company in WasteWise, call **800 EPAWISE (372-9473)** or visit our home page at **[www.epa.gov/wastewise]**.

- ❖ Return, repair, and reuse pallets.
- ❖ Work with suppliers to increase the use of returnable containers.
- ❖ Reuse plastic caps and plugs used on transmissions.
- ❖ Extend life of machinery through maintenance.
- ❖ Place material-safety data sheets online to conserve paper.
- ❖ Switch from printed to electronic catalogs for service parts.



Waste Prevention

The cornerstone of WasteWise, waste prevention means using less material to do the same job, cutting waste before recycling. Regardless of industry sector, everyone can take advantage of general waste prevention goals, such as double-sided copying, packaging reduction, or switching to reusable supplies. Some WasteWise partners in the motor vehicles and parts industry have gone beyond the basics and implemented activities that target industry-specific waste materials. The following is a sampling of these goals:

Recycling Collection

WasteWise partners commit to initiating, expanding, or improving company programs to collect recyclables. In some cases, companies add new materials to an existing program, or they increase effectiveness through activities such as employee education or community outreach. WasteWise partners in the motor vehicles and parts industry have set these goals:

- ❖ Make plastic caps in fewer colors to facilitate recycling.
- ❖ Recycle excess compact disks from sales promotions.
- ❖ Work with suppliers to increase the

recyclability of packaging and dunnage.

- ❖ Use universal recycling code markings on plastic automobile parts for future dismantling and recycling.
- ❖ Collect ferrous metals from machining operations and truck assembly for recycling.

Buying or Manufacturing Recycled Products

WasteWise partners commit to increasing the overall recycled content in the products they purchase.

WasteWise partners that are manufacturers can either increase the percentage of postconsumer content in the products they make or increase the recycled content in the products they purchase. Buy-recycled activities of WasteWise partners in the motor vehicles and parts industry include:

- ❖ Increase amount of postconsumer and industrial scrap in manufacturing products.
- ❖ Manufacture truck bumpers with recycled content.
- ❖ Expand use of postconsumer nylon (household carpeting) for various automotive components.
- ❖ Incorporate recycled rubber from used tires into automotive applications.

WasteWise Partners in the Motor Vehicles and Parts Industry

Aeroquip-Inoac Company
 American Honda Motor Co.
 Associated Fuel Pump Systems Corporation (AFCO)
 Automotive Parts Rebuilders Association
 Bernard Imports, Inc.
 Brook Mfg.
 Certech
 DaimlerChrysler Corp.
 DaimlerChrysler Detroit Axle
 DaimlerChrysler McGraw Glass
 Eaton Corporation
 Eaton Corporation - Saginaw
 El Mina Co., LLC
 Ford Motor Company
 General Motors Corp.
 Griffin Thermal Products
 Guardian Industries
 Huck Fasteners and Alcoa Business
 International Truck and Engine Corp.
 Johnson Controls Inc.
 Kinetex/Bestop Inc.
 Lear Corporation
 MAP Corp
 Mayco Plastics, Inc.
 Mercedes Benz of North America, Inc.
 National Automobile Dealers
 Nissan North America, Inc.
 Nissan North America, Inc. - Corporate Training
 Rene Composite Materials Corporation
 Robert Bosch Corp.
 Shaull & Ullerich Body Shop
 Siemens Automotive Corporation
 SST Truck Company LLC
 TDK Ferrites Corporation
 Tower Automotive - Bowling Green
 Toyota Technical Center

As of February 1, 2002

Sample Partner Achievements

- ❖ **DaimlerChrysler Corporation** requires its vendors to use returnable containers for materials shipped to the plants. The company also works with suppliers to increase the recycled content of the products it purchases. DaimlerChrysler donates excess food from its food service to a food bank and recycles over 186,500 tons of cardboard, paper, plastic, aluminum, wood, and steel a year.
- ❖ **International Truck and Engine Corporation** reduced paper waste by promoting electronic messaging, electronic filing, and online events. The facility also encouraged employees to purchase and use recycled material through a Web site, monthly waste minimization meetings, and an environmental hotline.
- ❖ **Siemens Automotive Corporation** reused 2,484 pallets or 74 tons of wood, saving approximately \$27,750. The company also implemented an employee awareness program to promote the use of personal washable lab coats, decreasing the disposal of lab coats by 33 percent and saving \$20,952.