

Automotive Recycling Facts & Figures

- Quality “green” automotive parts meet the performance, safety, fit and durability standards of original equipment manufacturers (OEMs).
- Educated consumers embrace “recycled” automotive parts usage because of the benefits to the environment along with their substantial consumer savings in reduced repair costs and lower insurance premiums.
- Recycling vehicles provides enough steel to produce almost 13 million new vehicles and saves an estimated 85 million barrels of oil per year that would have been used in the manufacturing of new or replacement parts.
- By reusing and not having to produce a replacement, recycled parts provide a huge benefit to the environment. In fact, a single recycled engine versus a new engine saves 261 kg of carbon dioxide (CO²) production.
- Automotive recycling businesses employ some 103,108 people at more than 8,267 businesses around the country. A vast majority of automotive recycling companies employ 10 or fewer people.
- \$22 billion estimated in total annual revenue.
- \$3.3 Billion total annual estimated payroll.

Resource Links

Automotive Recycling Industry

ARA Industry Overview PowerPoint

www.a-r-a.org/files/overview.ppt

ARA University

www.arauniversity.org

Automotive Recyclers Association

www.a-r-a.org

Canadian Automotive Recyclers

www.autorecyclers.ca

Certified Automotive Recycler
Program

www.a-r-a.org/CAR

Gold Seal Program

www.a-r-a.org/GoldSeal

End-of-Life Vehicles Solutions
Mercury Switch Recovery

www.elvsolutions.org

Environmental Compliance for
Automotive Recyclers Center

www.ecarcenter.org

Virtual Automotive Recycling

www.automotiverecyclingtradeshows.org

TECHNICAL PAPER

“Design Considerations in Automotive Manufacturing to Assist in End-of-Life Treatment and disposal” - *SAE Technical Paper Series, 2006-01-1424.*

For more information, please contact ARA at (571) 208-0428 / (888) 385-1005 or go to www.a-r-a.org.



Protecting the Environment



One
Green Part
at a time

Automotive Recyclers
Association

Automotive Recycling Industry Overview

The automotive recycling industry- with \$10 billion in (U.S.) sales annually-plays a necessary and crucial role in the efficient, ecological disposal of end-of-life motor vehicles.

Also referred to as salvage dealers and automotive dismantlers, automotive recyclers deal strictly in the recycling of motor vehicles – i.e., end of life automobiles, trucks, buses and motorcycles.

Since the beginning of the automobile, automotive recyclers have been providing local employment, consumer service, and environmental conservation within their communities and worldwide.

Automotive recyclers serve a vital role in preserving natural resources and reducing the demand for scarce landfill space. Additional energy and resource conservation is realized by recycling rebuildable “core” parts to the automotive parts rebuilding industry. The automotive recycling industry also supplies approximately 37 percent of all ferrous scrap to the scrap processing industry.

Environmental Stewardship

In addition to conserving natural resources, automotive recyclers play an important role in reducing air and water pollution and solid waste generation. Automotive recyclers abide by stringent local and national regulations dealing with waste generated by salvaged automobiles. Many individual automotive recyclers have also instituted their own unique programs to further reduce the potential effects of harmful material to their community and environment.

Certification Programs



The Automotive Recyclers Association (ARA) stresses the importance of environmental compliance, safety standards and ethical business practices. Through the Certified Automotive Recycler (CAR) program, certified ARA facilities must meet these required standards, in addition to having an annual audit to maintain their certification.

The Gold Seal Program is specifically designed to ensure superior business practices and customer satisfaction through Customer Research Surveys.



Established in 1943, ARA is the only international trade association representing over 4,500 automotive recycling facilities through direct and affiliated memberships in the United States and other countries around the world.

ARA represents an industry dedicated to the economically efficient removal and reuse of quality automotive parts, harvested from inoperable motor vehicles and the practice of environmentally sound and safe processing of end-of-life motor vehicles.

ARA continues to pioneer vehicle recycling efforts, with the major automobile manufacturers utilizing the expertise of professional automotive recyclers. ARA is also an official collaborator with the Vehicle Recycling Partnership (VRP) formed by Ford, General Motors and Chrysler to study the enhancement of automotive recycling. ARA advocates the participation of the automotive recycling industry in all public or private studies and projects dealing with the disassembly and recycling process in automotive design.

