

A National Approach to the Environmental Management of End-of-Life Vehicles in Canada

Steve Fletcher, Managing Director
Automotive Recyclers of Canada

November 12, 2011

Asian Automotive Environmental Forum



Start at the End

- * National ELV Forum
 - * Toronto Nov. 29-30, 2011
 - * White Paper on ELVs
- * Retirement Programs with OEMs
 - * Ford Recycle Your Ride, GM Cash For Clunkers
- * Canadian Auto Recyclers Environmental Code
 - * National certification program with 95% of Members audit to Environment Canada's standard
- * Branding, awareness... impact

Automotive Recyclers of Canada (ARC)

- * National association of auto recyclers
 - * 7 provincial associations
 - * 400 Members
 - * Organized in 1997
- * Represent 25% of the recyclers dismantling vehicles for parts, but represent 75% of the vehicles being dismantled
- * Unfortunately, it is estimated that just 40% of vehicles are dismantled and processed

Industry Overview

- * 1.2 million ELVs
- * Legislation and licencing tend to be provincial
- * Most provinces have historical salvage licences with minimal enforcement
- * Cities have salvage licences but they tend to more about land use and appearance
- * Environmental rules exist, but do not target recyclers specifically

Good vs Bad Recyclers



Good vs Bad Recyclers



Good vs Bad Recyclers



Good vs Bad Recyclers



Good vs Bad Recyclers



Good vs Bad Recyclers



Canadian Auto Recyclers Magazine



Green Parts Branding

Has Your Vehicle Reached The End of the Road? Bring it to us to Ensure It's Retired Properly.

When a vehicle reaches the end of its life, it can be an environmental nightmare if it isn't handled properly. Toxins from batteries, oils, fluids, refrigerants or mercury switches can contaminate the soil and groundwater and make their way into the lakes and rivers and air.

In addition to recycling all the usable parts, here's what we do with all the components to minimize the impact to the environment.



Anti-Freeze & Washer Fluids
Resold or sent to be re-processed and re-used.

Batteries
Good ones are sold for re-use. Others are sent to be recycled.

Door & Body Panels
Good ones are sold to repair damaged vehicles. Others are reclaimed as scrap and the metal recycled.

Mercury Switches
Recovered and sent to Switch Out. This industry-wide initiative prevents this highly toxic heavy metal from being released into the environment.



Freon & Other Refrigerants
Carefully removed and captured and sold to a licensed buyer for re-use.

Oil
Sent to be re-processed and re-used or burned in licenced furnaces where allowed.

Wheels
Sold for re-use or reclaimed as scrap metal.

Tires
Tires with lots of tread are sold for re-use. Others are processed as tire crumb to make new products or to pave our highways.

Fuel
Tanks are removed, puncture and drained. We use the fuel to run our own equipment.

Dealer Area

Any information you want can be customized here.

(We recommend you include your logo, address, phone number, hours as well as warranty information and installation services, where applicable)

Retire Your Ride
Canada's Vehicle Recycling Program

www.retireyourride.ca • 1.877.773.1996
Ask me about cashing in on retiring your vehicle properly!

We're Proud to be a Member of



For more information, go to www.gogreenparts.ca

Pick the



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Option for Your Next Vehicle Repair

Good for the Earth...

Re-using quality parts from another vehicle is recycling in its purest form.

Good for your Wallet...

Save about half the cost of new parts.

Good for your Vehicle...

Original manufacturer's specifications, fit and performance for your vehicle.


YOUR LOGO
GOES HERE



Auto Recycling in Canada

Auto Recycling - the responsible management of End-of-Life Vehicles (ELVs) and Total Loss Vehicles in Canada. Find out about a progressive industry that use to be called auto salvage, auto wrecking or even junkyard. What should happen to your vehicle when it dies or when you want to find the auto parts to keep it alive and running a lot longer

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FRIDAY, SEPTEMBER 02, 2011

Rules badly needed for neglected auto recycling

Will the fate of defunct cars influence your vote in the Oct. 6 Ontario election?

What! You haven't even thought about it? Perhaps you should.

After all, an estimated 550,000 vehicles are scrapped here every year. The business generally goes unnoticed.

Its problems would be relatively easy to fix, says the Ontario Automotive Recyclers Association, which represents one-third of Ontario's car scrappers and wants whatever party that wins the election to commit to cleaning up this neglected industry.

Scrappers can make up to \$300 per vehicle selling the useful parts or the steel, aluminum and other metals the junkers contain. That's why 94 per cent are recycled.

Each car also contains, on average, 40 litres of gasoline, oil, transmission fluid, antifreeze and other liquids, as well as mercury, lead and other materials — most of them toxic. Some can also be reused or recycled; others must be disposed of. But all must be handled

Blog Archive

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canadian autoRecyclers e-zine

August 11, 2011

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Dear Steve,

As I am sure many of you already know, OARA's Steve Fletcher and representatives from the Canadian Vehicle Manufacturers Association and the Canadian Automobile Association gave a press conference at Queen's Park yesterday morning. Steve, and how well he represents auto recyclers, continuously impresses me. At the press conference Steve spoke articulately and convincingly about the benefits of the the new ELV Industry Standard and called on Ontario's political parties to endorse it.

This environmental management system could be a monumental achievement for auto recyclers and really bring the industry to the forefront of the environmental movement. Not only would it makes Ontario's recyclers environmental leaders in North America, it would be yet another huge step toward changing the old perceptions of the auto recycling industry.

You can read about the program and what was said at the press conference in our article below. For now, I'd like to

National Scrappage Program

If you have a question about an application currently in progress, please read our FAQ's or call us at 1-877-773-1996

Retire Your Ride

Canada's Vehicle Recycling Program

LEARN HOW TO
WISELY REPLACE YOUR
TRANSPORTATION

Français

HOME

ABOUT THE PROGRAM

WHY RECYCLE?

WHAT TO DO NOW

FAQ

PARTNERS

The Retire Your Ride program ended March 31, 2011 at midnight PST.

Thank you to all Canadians who participated in the program. With your help we were able to remove 137,791 vehicles from the road and prevent over 5,002 tonnes of smog-forming emissions. [Learn more about our results >](#)



I missed the application deadline.
What can I do with my car now? >



**CLUNKER
COUNTER**

Retire Your Ride

retired **137,791** cars from Canada's roads

[Learn more about our results](#)

WHAT WE DID

1995 model year and older vehicles produce 19 times more air pollution than 2004 and newer models. With your help, we retired 137,791 higher polluting vehicles and created a cleaner environment for Canadians.

[Read More>](#)

CHANGE YOUR IMPACT

Even though Retire Your Ride has ended, you can still reduce your environmental impact. Learn about the importance of responsibly recycling and the Code of Practice.

[Read More>](#)

RECYCLING OPTIONS

Missed the Retire Your Ride application deadline? Learn about other programs available in your region for vehicle recycling or find a recycler in your area who follows the Retire Your Ride Code of Practice.

[Read More>](#)

**ARE YOU AN
AUTOMOTIVE
RECYCLER?**



CAREC – National Code of Practice

Français



The Canadian Auto Recyclers' Environmental Code (CAREC), formerly the National Code of Practice for Automotive Recyclers, was developed under the Retire Your Ride program by Summerhill Impact with the Automotive Recyclers of Canada (ARC) with the support of The Government of Canada. CAREC was developed to ensure that recyclers had the most relevant information and tools to prevent hazardous materials contained in end-of-life vehicles (ELV) from contaminating our water, land, and air during the vehicle recycling process.

This guideline has been updated, in keeping with the latest regulations and policies.

CAREC is an invaluable resource for automotive recyclers, outlining best practices for the environmentally sound management of end-of-life vehicles (ELV). We encourage all auto recyclers throughout Canada to adopt the Code into their business practice. The revised 2011 version of CAREC is currently being reviewed. A draft version is available to all auto recyclers and dismantlers for download on our website here. (Please note that some content may be changed)

A final version of the Canadian Auto Recyclers' Environmental Code and this website (with other valuable resources for auto recyclers and dismantlers) will be made available this winter.

For more information, please contact info@carec.ca

CAREC has **3** goals:

- 1** To convey the legal and mandatory requirements before, during, and after the recycling process and promote best management practices within the industry;
- 2** To promote pollution prevention and the **3Rs (Reduce, Reuse, Recycle)** in the vehicle recovery industry to reduce the ecological impact of the automotive sector; and
- 3** To ensure that there is a consistent set of practices that are aligned, as much as possible, with federal, provincial, and municipal laws and regulations, as well as with product and industry stewardship programs, where applicable.

DOWNLOAD
the Canadian Auto Recyclers'
Environmental Code



Many External Prompts for EPR

- * EPR implemented provincially for packaging, tires, used oil, hazardous wastes
- * Ontario proposes to designate vehicles as an item for stewardship
- * CCME announces EPR Guidelines and mentions vehicles
- * Ozone Depleting Substances national consultation for EPR program
- * OEMs now very interested in EPR

Stewardship Press Conference



Industry Stewardship Press Conference

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Recycle groups want rules for automobile scrapyards 'Businesses cut corners'

BY LEE GREENBERG, OTTAWA CITIZEN AUGUST 11, 2011

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TORONTO — Up to 20 million litres of toxins are leaching into Ontario soil each year because governments of all stripes have failed to regulate automobile recycling, a coalition of groups said Wednesday.

The groups are pushing for new government rules enforcing the responsible collection of a range of products in cars headed for the scrap heap. The materials include fluids like gasoline, engine and transmission oils, coolant, glycols in windshield washer, heavy metals like mercury and lead, freon, tires and battery acid. An estimated 500,000 to 600,000 automobiles are sent to the scrap yard each year in Ontario. Only one in three of them is decommissioned under voluntary industry guidelines.

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Recyclers call for environmental initiatives

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Auto recyclers push for Ontario to regulate old-vehicle disposal

MARIA BABBAGE

The Canadian Press

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Ont. auto recyclers want new disposal standards

The Canadian Press Posted: Aug 10, 2011 3:23 PM ET | Last Updated: Aug 10, 2011 3:23 PM ET

A group representing auto recyclers wants Ontario's political parties to endorse a program that would regulate the disposal of old vehicles.

The Ontario Automotive Recyclers Association says two out of three so-called "end of life" vehicles in the province aren't managed to any environmental standard.

They want an industry-led environmental management system for the half a million vehicles that require decommissioning in Ontario each year.

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Industry Stewardship

- * Not traditional EPR where the OEM is responsible
- * No fees to the end consumer
- * Shared industry participation
- * Standards-based regulation to ensure all vehicles are processed properly
- * Targets – 100% of the vehicles are processed to the standard
- * Industry self-managed oversight and some enforcement

Industry Stewardship

- * Promote a national model for harmonization
- * But must be implemented provincially
- * OEMs are big employers in Ontario
- * But vehicles are not deemed “evil” in Canada
- * National White Paper and co-lobbying by the CVMA and AIAMC
- * www.autorecyclers.ca and go to Issues page

NATIONAL FORUM

on the Future of Vehicle Recycling in Canada

SAVE THE DATE: NOVEMBER 29-30, 2011

LOCATION: Toronto, Ontario, Canada

near Pearson Int'l Airport (venue TBD)

NOVEMBER 29-30, 2011

JOIN US FOR AN INNOVATIVE FORUM ON THE FUTURE OF VEHICLE RECYCLING IN CANADA

The first of its kind, this forum will bring together national and international industry association experts, Federal and Provincial governments, automotive recyclers and manufacturers, and public interest organizations, in order to share best practices and discuss a path toward support for the environmentally sound recycling of end-of-life vehicles (ELV) in Canada.

Hosted by Summerhill Impact

Supported by the Government of Canada



TUESDAY, NOVEMBER 29, 2011

The importance of a strong end-of-life vehicle management system

Enhancing stakeholder knowledge of the different approaches and initiatives of various jurisdictions to managing ELV's in an environmentally sound manner

Topics:

- Successes and challenges of various provincial ELV management models within Canada
- International best practices and approaches to ELV management
- Current status and future of ELV management across Canada

Confirmed speakers include:

- Kasper Zom, ARN Advisory (Auto Recycling Nederland)
- Minoru Gouko, JARA (Japan Automotive Recyclers Association)
- Michael Wilson, ARA (Automotive Recyclers Association)

WEDNESDAY, NOVEMBER 30, 2011

How we can successfully implement responsible end-of-life vehicle management within Canada

Discussing best practices and core considerations for a Canadian approach, including the role of government, auto recycling and manufacturing industries and others in advancing environmental practices in the management of ELV's

Topics:

- Stakeholder interests, goals and responsibilities
- Implementation of best practices - Opportunities for promotion and collaboration

Confirmed speakers include:

- Steve Fletcher, ARC (Automotive Recyclers of Canada)



Thank You!

Steve Fletcher
Managing Director
Automotive Recyclers of Canada