

- how much is the recycling fee on new cars (10,000 Yen?)

A: It is decided by automakers/importers who depend on their model, size, shape. So recycling fee of some model is approximately 6000yen, the other model is 18000yen, it is different from each model. And the recycling fee is consist of three fee are used for disposing of ASR, AIRBAG and CFC&HFC.

- how & when do Recyclers get the money to cover the ELV processing from the JARC Fund?

A: Recycling fee is set up for three items as air bag, fluorocarbons and ASR(automobile shredder residue ). So recycling fee is paid for process which disposes of these three items only. And automakers/importers have responsibility to get and dispose of these three items. Therefore JARC pays recycling three item fee to automakers/importers. And they paid to each disposer as each disposal fee. In, Japan dismantler get disposal fees of AIRBAG and CFC&HFC.

In other words, dismantler has to take off fluorocarbons from the vehicle, and dismantler has to take off air bags from the vehicle according the Law. So automakers/importers make contract with each dismantlers to entrust about both work, take off fluorocarbon gas and air bags. Dismantlers give the gas and air bags to vehicle maker after they finish to work, and inform by manifest system. After all, they get disposal fees of AIRBAG and CFC&HFC.

- how much do they get?

A: Then vehicle maker pay the some part of recycling fee to dismantlers. It is around 1500yen for take off gas and approximately 1000yen for air bags.

- who takes away and disposes the fluorocarbons and the deployed airbag materials? (specialist suppliers?)

A: We send the fluorocarbons gas cylinder through a delivery service company who making special contract with automakers/importers This delivery service company bring the gas cylinder to disposal companies. And there are few companies to collect air bags from dismantlers. And same as air bags, we disamantlers will dispose of AIRBAGs by ourselves or send to disposal companies..

- how is the ASR recycled or processed to minimize volume going to landfill?

A: ASR recycling rate is regulated based on the Law aiming 30% by2005, 50% by2010, 70% by 2015. ASR recycling rate is different from each vehicle makers. Annual report of last financial year said that it was from 63.7% to 75%. It means from 93% to 95% of whole car was recycled, government said.

- how is an ELV tracked through the process? ... via the electronic manifest system?

A: 3,573,215 vehicles disposed reported electronic manifest system. Government estimates this number is nearly 100% of vehicles that disposed in Japan.

- can you email me anything further in English regarding the JARC, ELV laws & JAMA's role in Japan?

See attached power point file .

- are Recyclers in Japan generally "happy" with the new system, or do they feel "over-regulated" or "under-paid"?

A: Almost dismantlers feel new law is not too strict, but buying competition becomes so harder than before system start. But many of them feel paying money is not enough. But I think, if recycling system pays more money to dismantlers more company will start this business and competition becomes more harder. I wonder which is better.