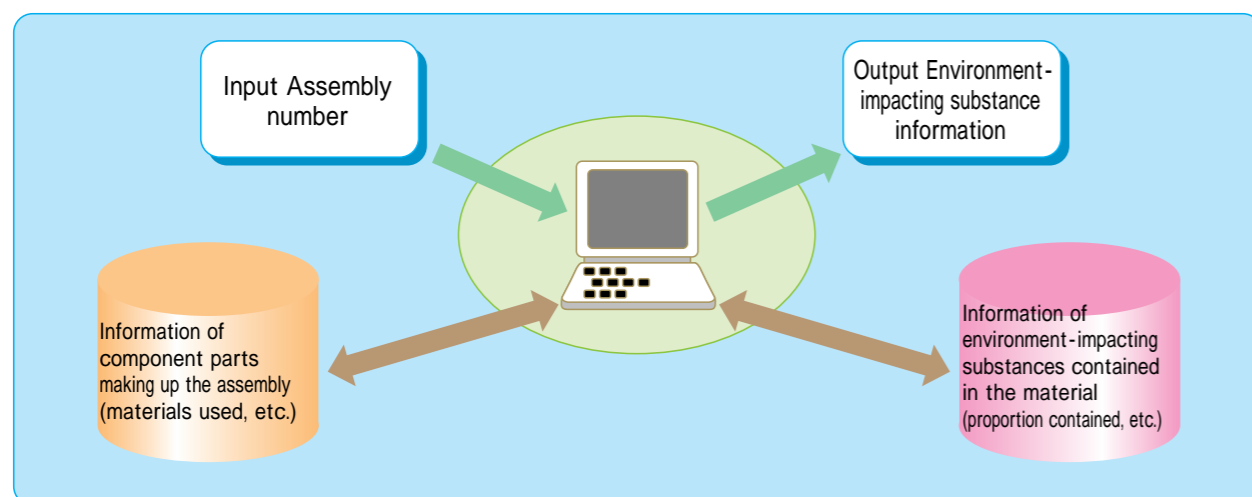


Reducing Substances that Impact the Environment

We are working to manage and reduce substances such as lead and hexavalent chromium that threaten to impact the environment in product development.

Creation of a management system for environment-impacting substances

We have further developed the "Information Search System for Environment-Impacting Substances Contained in Materials", so that an assembly number can be entered, and the total number and amount of environment-impacting substances contained in substances contained in each component part are automatically calculated.

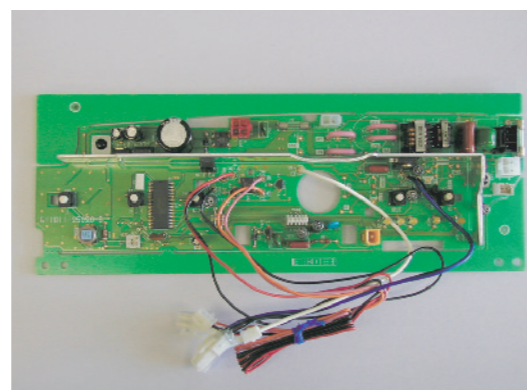


Reducing amounts of substances that impact the environment

Aisin has set targets for the reduction of use of lead and hexavalent chromium, and is working towards their achievement.

[Reduction in use of lead in shower-toilet seat ECU]

During FY2002, we developed a lead-free solder, which is now in practical use on the control boards of some of our shower-toilet seats.



Lead-free solder used on a shower-toilet ECU (one model)

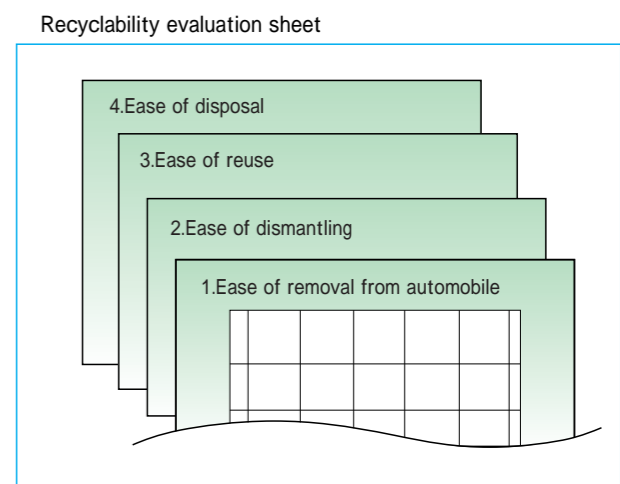
Developing Recycling Technologies

Aisin prioritizes the philosophy of "looking after our limited natural resources," and is striving to design more recyclable products and further develop recycling technology.

Building recyclability into the design stage

In order to be able to recycle products, it is necessary to consider recyclability from the stages of design and development.

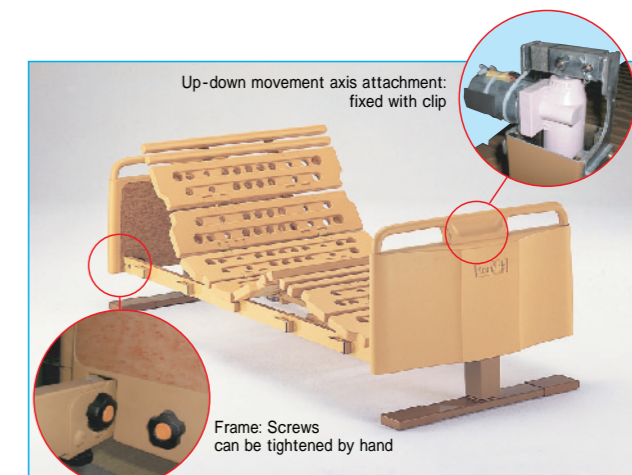
Aisin created its "Recyclable Design Guidelines" in FY 2000, and in FY2001, we added a compatibility guide and an adhesion guide to the section on synthetic resins, as well as creating a "Recyclability Evaluation Sheet" for addition to the design section. We also created the "Recyclable Design Guide" and a "Recyclability Evaluation Guide" containing various examples of designs that take recycling into account. These were put together with the purpose of becoming Aisin Seiki's technological standard, and product development and design is moving ahead based on these.



[Self-support reclining bed "Bellgrand"]

Aisin's self-support reclining bed, "Bellgrand," has been designed with a great deal of care being given to issues of maximum recyclability. The bed is made, based on a recyclability evaluation, from unified materials, and uses simple component parts for ease of dismantling. In particular, the resin parts used mainly comprise the easily recycled PP materials. The joints use clips and screw parts that are easily tightened by hand, allowing the bed to be simply dismantled, and reducing the burden on the environment when the parts are recycled. The bed has also been designed with reuse and recycling in mind, and employs reusable parts in every possible aspect.

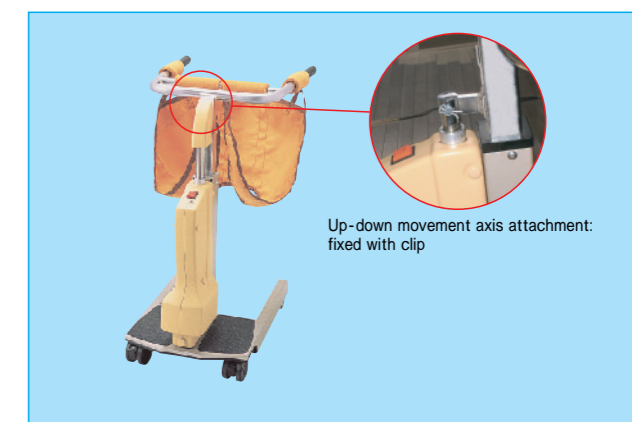
PP: Polypropylene resin



Self-support reclining bed "Bellgrand"

[Compact Electric Lifter "Support Lift"]

Our nursing care compact electric lifter "Support Lift" has been designed based on the same principles as the self-support reclining bed. As far as possible, the lift has been created out of unified materials, and with simple parts, allowing for easy dismantling. It incorporates thermoplastic resin, as well as easily removable joints that either employ clips, or can be simply dismantled with a screwdriver when necessary, while the number of parts that are joined permanently has been reduced to the minimum possible. In addition, these permanently joined parts are made from unified materials, allowing for recycling and reuse in the future.



Compact electric lifter "Support Lift"