

These instructions may be used to disassemble all models of our Integrity seating line.



**Time Required:**

10 minutes.

**Tools Required:**

All models: #2 Philips screwdriver, flat blade screwdriver, hammer and knife (preferably a box cutter).



**A:** Turn the chair upside down and remove the upholstered seat cushion by removing the four #2 Philips wood screws.



**B:** Set the chair upright. Standing behind the chair pull down on the bottom edge of the upholstery and unclip the J extrusion from the back bar. Pulling up the fabric will expose the screws securing the chair back to the chair frame.



**C:** Using the #2 Philips screwdriver, remove the six screws securing the back.



**D & E:** Place the chair on its side. Using firm blows with the hammer, knock the polyurethane arm free out of the frame. Remove the aluminum transition rings. Next, take the flat blade screwdriver and hammer pry the glides free from two of the legs. Flip the chair over and repeat the process for the other side.

## Upholstery and Foam Removal





### Chair Back

Using a knife, carefully cut the upholstery next to the staples securing the upholstery to the wood panel. Next, take the knife (preferably a box cutter) and carefully slice the foam away from the wood back panel. Remove the fabric and foam. Note, the fabric and foam are glued together.

### Chair Seat

Using a knife, carefully cut the upholstery next to the staples securing the upholstery to the bottom wood seat panel, as well as the elastic mesh. Remove the fabric. Next take the knife (preferably a box cutter) and carefully slice the foam away from the wood panel.

## Material Breakdown

Quantity	Component	Material
1	Chair frame	Steel 
4	Glides	Nylon
2	Arms (polyurethane must be stripped from internal metal bar)	Steel/ Polyurethane 
4	Arm Inserts	Nylon
4	Transition rings	Aluminum 
2	Panels – seat and back	Wood
1	Seat mesh	Hytrel Elastomer Polyester Composite
1	Dust cover	Vinyl
2	Upholstery pieces - seat and back	Vinyl or fabric
2	Seat and back	Foam
Various	Staples and various fasteners	Steel 

Identification of Materials		Material Recovery Opportunities		
Material	Example Components	Recycling Notes	Higher Value Opportunity	Lower Value Opportunity
<b>Please visit <a href="http://www.recyclingmarkets.net">www.recyclingmarkets.net</a> to find a recycling outlet nearest to you.</b>				
<b>Plastic</b>				
Nylon (PA)	Arm Bushings, Ball Glides	Actively recycled into raw polymer by industrial plastic recyclers. It is important to note, however, that recycled plastic markets are highly variable and acceptance of a given material fluctuates based upon multiple factors (e.g. material type, quantity, presence of contaminants, markets for that material, etc). Recycling value is improved with greater quantities and accurate material identification (i.e. identified by base polymer, filler, and additive content).	Recycled PA Regrind	Mixed Thermoplastic Compression Molding
Polyurethane (PU)	Molded Arms		Recycled PU Regrind	
Polyurethane Foam	Seat, Back		Actively recycled by foam manufacturers and recyclers into carpet padding.	
<b>Metals - Ferrous (e.g. Steel, Iron)</b>				
Steel	Chair Frames, Connector Frame, Arm Inserts, Armature, Hooks, Fasteners	Actively recycled into raw ferrous metal ingot. Ferrous metals are easily separable from other materials through shredding and magnetic separation. Therefore, many metal recyclers will accept ferrous metals which contain small amounts of mixed materials (e.g. plastic, aluminum).	Recycled Steel Ingot	Off Grade Ferrous Ingot
<b>Metals - Non-Ferrous (e.g. Aluminum, Stainless Steel, Zinc Die Cast, Brass)</b>				
Aluminum	Transition Rings	Actively recycled into raw metal ingot. Non-ferrous metals are not separable through magnetic separation. Recycling value is improved with greater quantity and accurate material identification (e.g. metal grade).	Recycled Cast Grade Aluminum Ingot	Recycled Off Grade Aluminum Ingot
<b>Textiles</b>				
<b>To further extend the life of Oasis product line, we offer replaceable seat and back covers.</b>				
Elastic Material	Seat Webbing	Recycling possible into non-woven fabrics.	Recycled fibers into shoddy for use in non-woven products	Landfill Disposal
Natural Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.		
Polyester Fabrics	Determined by customer at time of order.	Recycling possible into raw polymer.		
Mixed Fabrics	Determined by customer at time of order.	Recycling possible into non-woven fabrics.		
Vinyl	Determined by customer at time of order.	Recycling possible only through extraction based processes.	Recycled PVC polymer through extraction based processing	
<b>Wood / Biobased Materials</b>				
Plywood	Seat, Back	Not currently actively recycled due to process and economic limitations. Reuse or refurbishment are currently the best options for these materials. As a low value option, the energy content can be reclaimed in a designated waste-to-energy facility equipped with proper pollution control technologies.	Not Actively Recycled (Currently)	Waste to Energy
Hardwood	Trim Panels			
<b>Revision Date: 4/16/2014</b>				