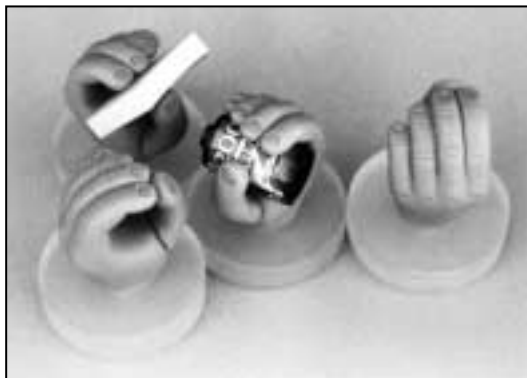


L'il EZ Infant Hand



L'IL EZ INFANT HAND

Limited Warranty

Products manufactured by TRS, Inc. are covered by this written Limited Warranty for a period of one year from the date of purchase. We encourage all customers (end users) to fill out completely and return the Warranty Card to TRS, within thirty days from the date of purchase.

Product warranty information provides us with another means of tracking which exact product you are using for repair and parts replacement purposes.

This Limited Warranty covers any defects in workmanship or materials by TRS, Inc. for the period stated, provided the

product is used in a reasonable manner. The Limited Warranty is not applicable to normal wear and not applicable to spring or spring-like components. The Limited Warranty applies only to the end user/purchaser who completes the registration card and is not transferable.

Any implied warranties, including merchantability, are also limited to one year from the date of the original TRS Invoice and any action must be commenced within that period. This Limited Warranty is void if the product is misused or abused, if unauthorized alterations are made, or if maintenance is neglected.

TRS, Inc. shall not be liable for any incidental or consequential damages, unless otherwise required by law. Some states do not allow the exclusion or limitation of incidental or consequential damages or the limitation on the period the implied warranty lasts so that the above limitation or exclusion may or may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.



Product Serial #: _____

Training/Education Information

The L'il EZ Infant Hand is a new and unique type of prosthetic device for young children with a hand absence. The L'il EZ provides the user, age twelve months to thirty months, with the capability for crawling, two handed manipulation and clasping as well as prosthetic holding. The thumb opens easily to accept an object but resists easy object release. The L'il EZ is designed to hold only small, light weight objects. It has not been specifically designed to allow objects to be "picked up", although that function is possible under certain circumstances. The limited gripping action is included to help the young user understand that a prosthesis can be used for holding as well as for balance, crawling and general object manipulation.

Comprehensive training with any prosthetic device is important to ensure proper function and safety. Professional therapists can provide you with prosthetic training. Locate a Registered Occupational Therapist (OTR) or Registered Physical Therapist (RPT) **with specific training in upper extremity prosthetics** to



PROSTHETICS RESEARCH ■ DESIGN ■ MANUFACTURING ■ CONSULTING

3090 STERLING CIRCLE, STUDIO A, BOULDER, CO, USA 80301-2338

PHONE: 303.444.4720 TOLL FREE: 800.279.1865

FAX: 303.444.5372

ON THE WEB: www.oandp.com/trs

JANUARY 2002

assist the child in learning how to operate and excel with the prosthesis.

General Maintenance Suggestions

Cleaning

TRS products should be cleaned regularly. Daily washing is recommended. A sponge and dish detergent will clean most dirt. Rinse thoroughly in warm water. Steel wool soap pads (*Brillo*[®], etc.) are also useful for cleaning rubber surfaces. Chlorine powdered cleansers applied with a sponge or brush are also useful for grime and stains. Rinse all parts thoroughly after using either steel wool pads or cleansers. Certain dyes such as permanent marker must be removed immediately from rubber surfaces. Use a cleanser, soap pad or appropriate solvent. If left alone the stain will penetrate into the material permanently. Thoroughly wash hand with soap and water if a solvent is used to clean stains.

Elastic Cord Adjustment/Replacement

This product uses a special elastic cord to keep the thumb closed.

Tension Adjustment

Remove the device from the prosthesis by unscrewing it (counterclockwise). Grasp the end of the elastic cord which protrudes from the threaded stud. Stretch it slightly. Loosen the small brass crimp. Tension the cord by pulling on it.

▲ Do not over tension the cord or it will prematurely wear and fatigue.

Replace the crimp while the cord is under tension. Test the "spring action" on the thumb to ensure it operates properly. Replace the EZ onto the prosthesis.

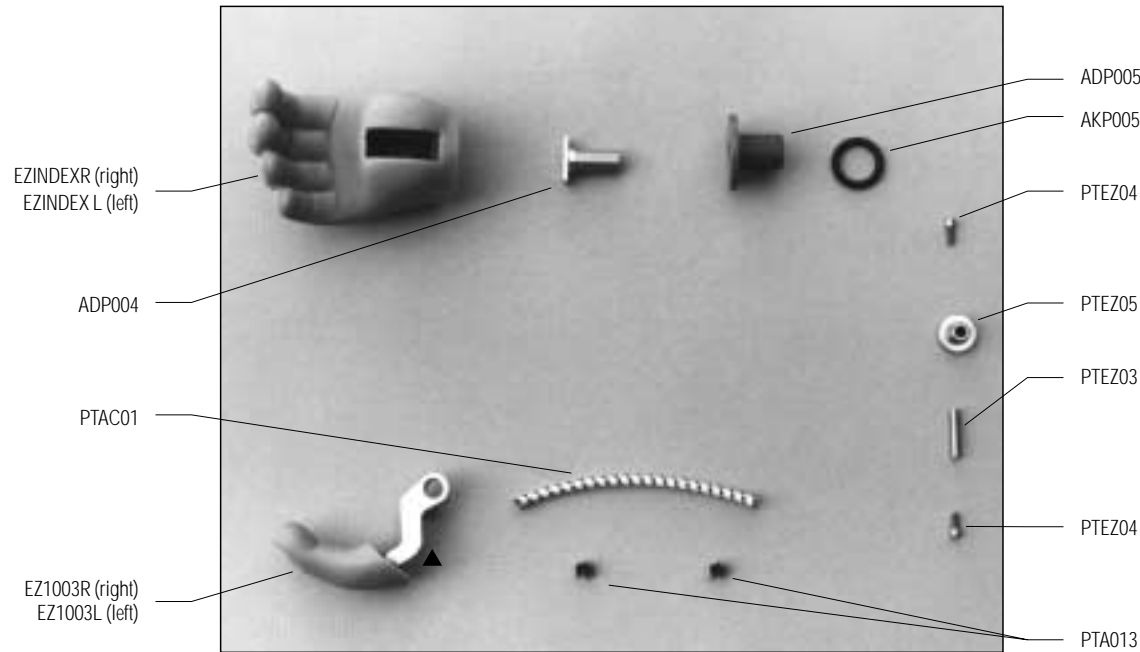
Elastic Cord Replacement

Un-screw (counterclockwise) the EZ Hand from the prosthesis and loosen and remove the brass crimp holding the elastic cord in

place at the back of the threaded stud. Remove the caulking plugs that cover the fasteners holding the thumb axle in place. Using two Allen hex wrenches (one on either side of the hand) remove one of the fasteners from the thumb axle. Two wrenches are needed to prevent one of the

fasteners from revolving. Once a fastener is out use the end of one of the hex wrenches to push the axle out of the Hand. The other fastener will remain in the axle. This will free up the thumb to allow removal from the Hand body. Remove the cord from the

thumb. Replace the cord using another crimp to prevent the cord from pulling out of the thumb. Wrap the cord around the top of the thumb and push the loose end out through the hole in the back of the Hand. Re-insert the thumb into the Hand body. Align the axle hole with the holes in the Hand body using a small drill bit, stiff wire, extended paper clip, etc. Slide the axle into the Hand body and through the hole in the thumb. Place a small amount of Blue Lockite[®] on the fastener that was removed. Re-install the fastener into the hand. Use two hex wrenches again to screw the fastener into the thumb axle. Tension the elastic cord (See previous section). Fill fastener holes in body with silicone caulking. Wipe surfaces clean. Let caulking dry before re-installing Hand onto prosthesis.



L'IL EZ INFANT HAND Parts

Part Name	Quantity	Part Number
EZ Index (right)	1	EZ INDEX R
EZ Index (left)	1	EZ INDEX L
EZ Thumb member (right)	1	EZ 1003 R
EZ Thumb member (left)	1	EZ 1003 L
Component A	1	ADP004
Component B	1	ADP005
▲Product serial number can be found here.		

Part Name	Quantity	Part Number
"O"-Ring	1	PTA005
Bungee cord	1	PTAC01
Crimp Nock	2	PTA013
EZ Fastener	1	PTEZ04
EZ OilLite Bushing	1	PTEZ05
EZ Axle	1	PTEZ03
EZ Fastener	1	PTEZ04

Design Credits/Acknowledgements

The L'il EZ Hand was successfully developed under a cooperative agreement between Los Amigos Research and Education Institute (LAREI) (Rancho Los Amigos) and TRS Inc. The project was initiated and in part funded via a grant to LAREI from the National Institute on Disability Rehabilitation Research (NIDRR).