



Inspection of the Larkin Rescue Frame

Proof Loading

The Larkin Rescue Frame is a durable item designed to withstand the normal rigours of use in a rescue service. It is proof loaded with a 400kg at the time of manufacture as a final assembly test. It DOES NOT need to be proof loaded by users.

Inspection

As with all items of rescue equipment, the Larkin Rescue Frame should be inspected before and after every use by the person who will use it. In addition it should be formally inspected, by a competent person, at intervals appropriate to the level of usage but at least once in every 12 month period.

Competent person

A person who has, through a combination of training, education and experience, acquired knowledge and skills enabling that person to correctly perform a specified task.

There is not very much to go wrong with an Larkin Rescue Frame and as such the inspection to ensure serviceability is fairly straight forward. Obviously the Larkin Rescue Frame need to be complete to be used safely and so it is essential that all components are present and correctly assembled prior to use. A schedule of inspection is attached, additional copies may be downloaded from www.ths.com.au.

Likely Damage or Wear

The most dangerous damage that can be done to an Larkin Rescue Frame is for the tubes to be distorted, dented or creased. Dents and creases will be immediately visible, however, distortion may not. The easiest way to test that the tubes are not distorted is to roll them on a flat surface. Any distortion will cause the tube to roll unevenly. Dented, creased or distorted tube must be discarded and replaced.

During use, wear will occur on bearing surfaces such as where the linchpins or apex pins connect the components together or where the load is connected to the frame. Indentations may occur in those surfaces. Minor roughness should be carefully removed with a file or deburring tool. If the indentation is in excess of 10% of the original diameter of the hole, the fitting must be taken out of service and replaced.

If any components are replaced the Larkin Rescue Frame must be assembled to confirm that all the components are compatible (they should be!)

Larkin Rescue Frame Inspection Record

Inspected by: _____ Date: _____

Part No	Supplied		Count	Condition	Action
N026,Z90	1	LAMINATED INSTRUCTION SHEET		Damaged	Replace
R026,Z07	1	LRF CARRIER		As new	Use
				Wear	Monitor
				Holes	Replace
R026,Z17	24	LARKIN LINCHPIN 10x60x55		As New	Use
				Plating Worn	Monitor
				Bail damaged/missing	Replace
R026,Z2224	2	LRF APEX PIN ASSEMBLY		As New	Use
		Each Comprising			
		1 x PIN - 5/8"x 3" (N026,2224)		As New	Use
				Plating worn	Monitor
		1 x Quick Pin with chain (N026,316-10QPC)		As New	Use
				Plating worn	Monitor
				Chain damaged	Replace/repair
R026,Z6450	2	LRF TENSION END FITTING		As new	Use
				Connection holes >10% wear	Replace
				Linchpin holes >10% wear	Replace
R026,Z6452	4	LRF COMPRESSION END FITTING		As new	Use
				Connection holes >10% wear	Replace
				Linchpin holes >10% wear	Replace
R026,Z6455	2	LRF HINGE FITTING		As new	Use
				Connection holes >10% wear	Replace
				Linchpin holes >10% wear	Replace
R026,Z6888	2	LRF BASE PLATE ASSEMBLY			
		Each Comprising			
		1 x LRF CAST BASE PLATE (N026,6888)			
		2 x BASE PLATE LOCKING PIN (R026,Z6888,Z01)		Bail damaged/missing	Replace

Larkin Rescue Frame Inspection Record

Inspected by: _____ Date: _____

Part No	Supplied		Count	Condition	Action
R026,Z7109	2	LRF CHANNEL ASSEMBLY		As new	Use
		Each Comprising			
		1 x CHANNEL (N026,7109)		As new	Use
				Connection holes > 10% wear	Replace
		1 x PIN - 1/2x4 3/4" (N026,2284)		As new	Use
				Plating worn	Monitor
		1 x PIN HINGE/CHAIN 1/2x4x3/4" (N026,7324)		As new	Use
				Plating worn	Monitor
				Chain damaged/disconnected	Replace/repair
		2 x PIN SPLIT 2.5x20mm Zinc Plated (N026,7325)		Missing	Replace
		1 x BOLT FOR ROCK SPIKE (N026,7326)		Loose connection	Tighten
		1 x ROCK SPIKE for Rescue Frame (N026,7327)		Loose connection	Tighten
R026,Z7161	2	LRF TENSION TUBE (1900mm)		As new	Use
				Free from dents	Use
				Distortion/dents/creases present	Replace
				Connection holes > 10% wear	Replace
R026,Z7162	9	LRF COMPRESSION TUBE (1500mm)		As new	Use
				Free from dents	Use
				Distortion/dents/creases present	Replace
				Connection holes > 10% wear	Replace
R026,Z7163	1	LRF HALF HINGE TUBE (750mm)		As new	Use
				Free from dents	Use
				Distortion/dents/creases present	Replace
				Connection holes > 10% wear	Replace
R026,Z7322	5	LRF JOINER		As new	Use
				Connection holes > 10% wear	Replace