LEVER HOIST

SUMNER MATERIAL LIFTS

AN SFE GROUP BRAND

OPERATOR'S MANUAL

www.SUMNER.com

INTRODUCING THE S.F.E. GROUP

The **Specialized Fabrication Equipment Group** (in short: **S.F.E. Group**) was founded in 2019 after the merger of three world leading OEM's in the field of pipe fabrication tooling and machinery: B&B Pipe and Industrial Tools LLC (USA), Mathey Dearman Inc. (USA) and TAG Pipe Equipment Specialists (UK). In a time span of 5 years, another 4 renowned and market leading companies were acquired and added to the **S.F.E. Group** portfolio: Axxair (France, 2022), Magnatech (USA, 2023), Climax (USA, 2023) and SUMNER (USA, 2025).

The vision and philosophy of the **S.F.E. Group** is to offer globally a comprehensive innovative and cost-effective range of specialized fabrication, welding and machining equipment and derived rental solutions, for a wide range of applications within all critical industries, while optimizing performance, efficiency and safety.

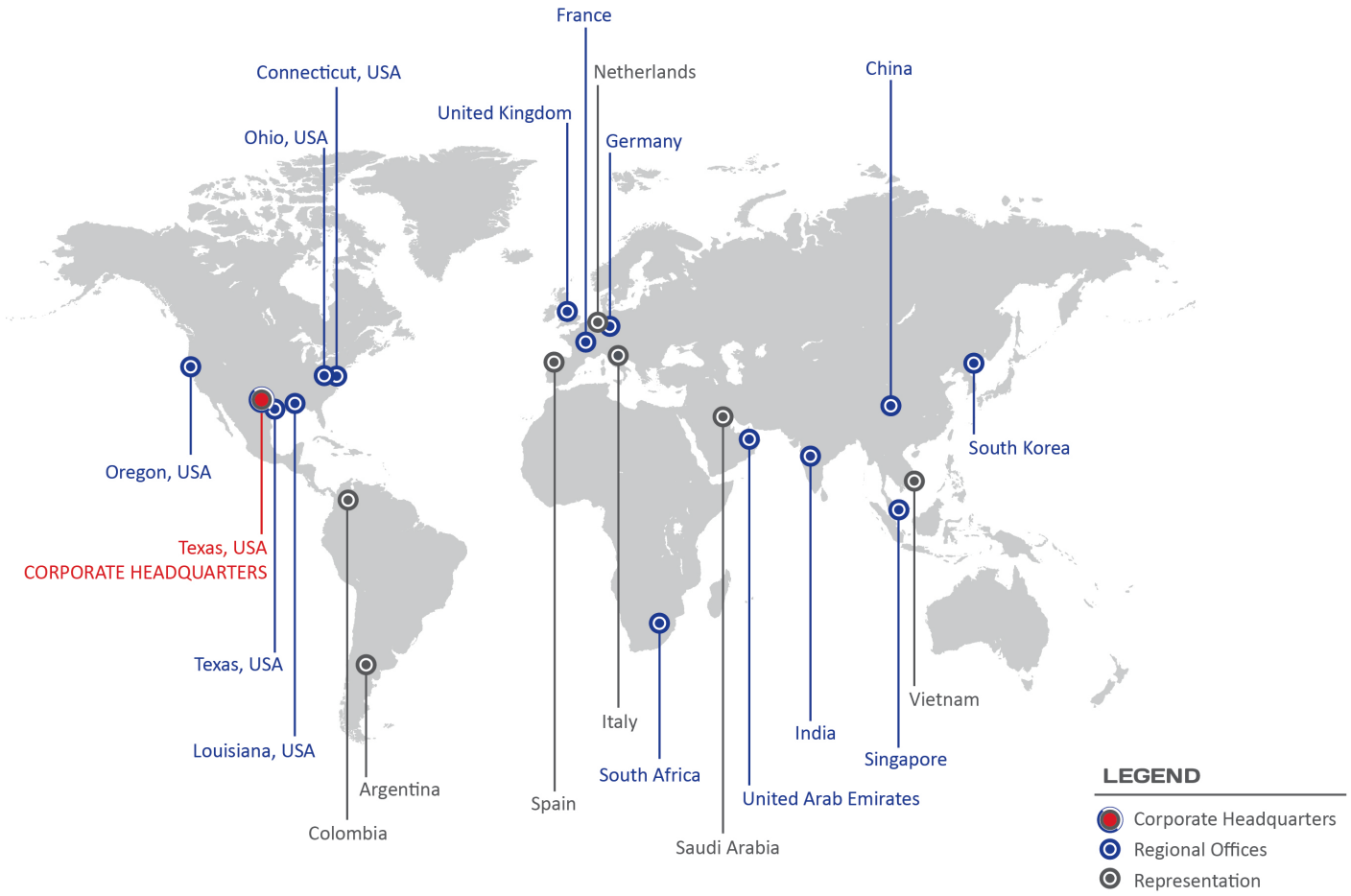
Leveraging over 200 years of combined experience in engineering, manufacturing, and field applications, the **S.F.E. Group** is committed to driving innovation. Through continuous product development and strategic acquisitions, the **S.F.E. Group** is actively growing its portfolio and expanding its global presence to meet the demands of industries around the world. Currently, the **S.F.E. Group** consists of 12 complimentary brands, each supporting the others in delivering cutting-edge solutions.

With offices and warehousing on 5 continents, 400+ employees and more than 500 partnerships and distributors worldwide, **S.F.E. Group** prides itself on consistently offering the highest standards of both product quality and service locally to all its customers.

S.F.E. Group looks forward to welcoming you into its global network as a partner, distributor or end user customer and remains at your disposal at any time.

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S.F.E. GROUP GLOBAL PRESENCE



INTRODUCING SUMNER MATERIAL LIFTS

SUMNER Material Lifts is a world leading brand in the material handling and construction industries, renowned for its innovative, durable, and user-friendly solutions. Founded in 1965 and now a part of the Specialized Fabrication Equipment Group (in short S.F.E. Group), **SUMNER Material Lifts** has built a global reputation for providing high-quality lifting equipment. Designed with safety and efficiency in mind, **SUMNER Material Lifts** products are widely used by professionals in mechanical contracting, plumbing, HVAC, welding, and electrical installation.

SUMNER Material Lifts' product line includes a broad range of lifting tools such as material lifts, duct lifts, Roust-A-Bouts, gantries, and heavy-duty hoists, all engineered to meet the demanding requirements of job sites around the world. All equipment is known for ease of use, robust construction, and industry-leading safety features, making it the preferred choice for both large-scale industrial projects and everyday construction needs.

With a long tradition of quality, reliability and value and a strong commitment to innovation and customer satisfaction, **SUMNER Material Lifts** continues to set the standard in lifting and material handling solutions.

In conjunction with all other S.F.E. Group portfolio's brands, **SUMNER Material Lifts** continues to lead the way in lifting and fabrication solutions, delivering tools that elevate the operator's standard of work.

SUMNER Material Lifts products are always nearby available within the S.F.E. Group global network and can be consulted on the dedicated website: www.SUMNER.com

INDUSTRIES SERVED

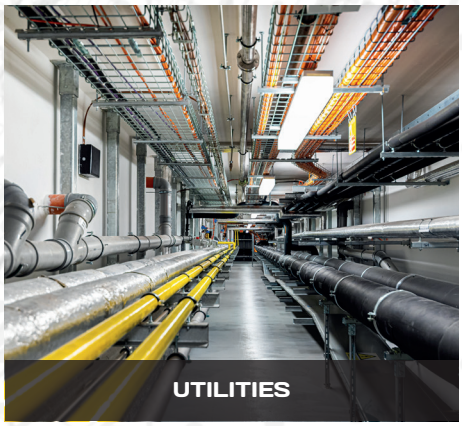

CONSTRUCTION


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CLIMAX · TAG PIPE EQUIPMENT SPECIALISTS · H&S TOOL · MATHEY DEARMAN · AXXAIR · MAGNATECH · B&B SUMNER · CALDER · BORTECH · PPM PIPE PURGE MASTERS · FIT-UP PRO · SUMNER MATERIAL LIFTS

Our group policy is one of continuous improvements and acquisitions. Products and data tables are subject to change and may vary from those illustrated. Copyright © 2025 Specialized Fabrication Equipment Group, All rights reserved.

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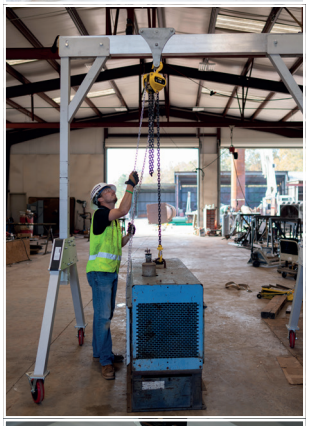
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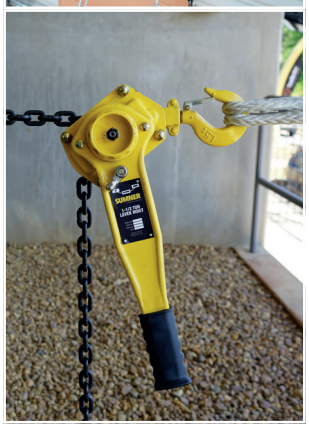
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Safety is essential in the use and maintenance of Sumner Equipment This instruction manual and any markings on the tool provide information for avoiding hazards and unsafe practices related to the use of this tool. Observe all the safety information provided.

SAFETY ALERT SYMBOLS

These symbols are used to call attention to hazards or unsafe practices related that could result in injury or property damage. The three safety words defined below indicate the severity of the hazard. The message after the signal word provides information for preventing or avoiding the hazard.



DANGER - Immediate hazards that if not avoided **WILL** result in severe injury or death



WARNING - Hazards that if not avoided **COULD** result in severe injury or death



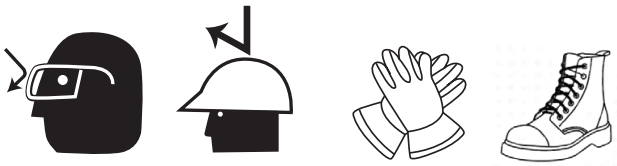
CAUTION - Hazards or unsafe practices that, if not avoided **MAY** result in severe injury or death



⚠ WARNING

• Read and understand all instructions and safety information in this manual before operating or servicing this tool.

FAILURE TO OBSERVE THESE WARNINGS COULD RESULT IN SEVERE INJURY OR DEATH



⚠ WARNING - Personal Safety Hazards

• Only qualified persons should use the Sumner Standard Series LH Lever Hoist.
• Wear eye protection, hard hat, cut resistant gloves and safety toe shoes when using this tool.
• Do not use tool while tired or under the influence of drugs, alcohol, or medication.
• Keep body parts and loose clothing away from moving parts.
• Always follow safety procedures as shown in this manual.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

⚠ DANGER : Electrical Shock Hazards



• This is not an insulated tool, contact with live circuits could result in severe injury or death.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

⚠ WARNING: Entanglement Hazard



• Do not operate this tool while wearing loose fitting clothing. Retain long hair.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

⚠ WARNING: Tool Use Hazards

• Use this tool for the manufacturers intended purpose only. Use other than that described in this manual can result in injury or property damage.
• Only qualified personnel should configure and use the Sumner Lever Hoist.
• This lever hoist is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a lever hoist, do not use until proper training and knowledge have been obtained.
• Do not use lever hoist to lift, support or transport people; or to lift or support loads over people.
• Do not exceed the rated capacity of the hoist.
• Do not attempt to extend the lever handle using a “cheater pipe” or any other such device.
• Do not strike the lever handle with a hammer or any other object.
• Do not use the chain as a sling. This may cause damage to the chain.
• Always inspect the lever hoist for damage prior to use. If hoist is damaged, do not use until it has been repaired or replaced.
• Do not use more than one lever hoist to lift or move a load. If this is unavoidable, each hoist must have the same capacity as the load to be moved.
• Never allow chain to “set” over sharp edges. All pulls or lifts must be made with straight chain that is free of obstacles.
• If the lever handle is difficult to operate, then the load exceeds the capacity of the hoist. Reduce load or select a hoist of larger capacity.
• Do not use hoist if the chain is twisted, kinked or damaged.

• Do not operate hoist unless load is centered between top and bottom hooks.
• On hoists with the overload warning lever, do not use this device to measure load weight.
• Always take time to study the job to be performed and choose the safest method. Do not place yourself or other people in an unsafe position.
• Always maintain your balance and firm footing when operating the lever hoist.
• Leave all internal maintenance and inspections to a qualified Sumner Service Center.
• Do not attempt to lengthen or repair load chain. Replace chain with factory replacement chain only. Do not use any other type of chain.
• If welding near the hoist, do not allow the chain or hook to be touched by a live electrode. Prevent weld splatter upon the chain.
• Never use the hoist if either hook is stretched, deformed, or has a broken or missing safety latch. Always replace the safety latch and/or the hook before placing the hoist back in service.
• Be sure supporting structures and load-attaching devices used in conjunction with this lever hoist provide an adequate safety factor to handle the rated load plus the weight of the equipment. If in doubt, consult a qualified structural engineer.
• Keep visitors a safe distance from the work area. Keep children away.
• Understand and follow all procedures as set forth in American National Standards titled “Performance Standard for Manually Lever Operated Chain Hoists,” ANSI/ASME HST-3; and “Manually Lever Operated Hoists,” ANSI/ASME B30.21. These standards are available through the American Society of Mechanical Engineers at www.asme.org.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

⚠ CAUTION:

• Do not use if any parts are damaged as this can cause an unsafe condition and lead to tool malfunction or failure.
• If tool is in disrepair, **DO NOT USE**. Have tool inspected and repaired prior to use.

FAILURE TO OBSERVE THESE CAUTIONS CAN RESULT IN INJURY OR PROPERTY DAMAGE

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to http://www.p65warnings.ca. gov.

PURPOSE OF THIS MANUAL

This manual is intended to familiarize all personnel with the safe installation and operation of the following:
STANDARD LEVER OPERATED CHAIN HOIST.

Keep this manual available to all personnel. Replacement manuals are available upon request at no charge at www.sumner.com.

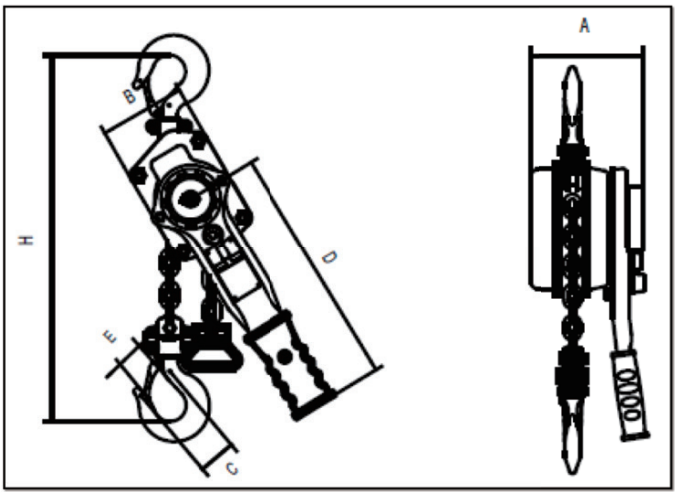
Description of Operation

This manual is provided by Sumner covering the safe operation and maintenance procedures for the Sumner LH Series Lever Hoists/Pullers. This manual contains instructions on installation, safety precautions, general operating procedures, maintenance instructions and parts breakdown. This tool has been designed and constructed to provide consistent, long-term operation if used in accordance with instructions set forth in this manual.

The LH Series hoists are all steel construction with a powder coat finish and have a completely enclosed Weston-type automatic brake system.

The LH series hoists are proof-tested and comply with OSHA, ANSI/ASME B30.21 and HST-3 standards.

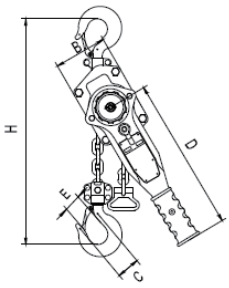
If there are any questions or comments, please contact either your local supplier or Sumner Manufacturing. Sumner can also be reached at our web site: www.sumner.com.
The specifications in this manual were current at time of publication, but because of our policy of continuous improvement, Sumner reserves the right to change specifications at any time and without prior notice, without incurring obligations.



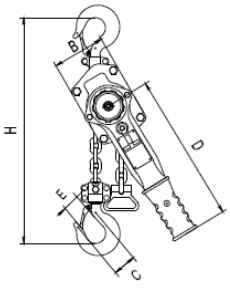
LH025/LH050

LH Standard Lever Hoist 1/4 Ton-1/2 Ton														
Stock Number	Model Number	Rated Capacity (Ton)	Std. Lift (ft.)	Min. Distance between hooks (in.) "H"	No. of falls	Load Chain (mm)	Lift per full turn of lever (in.)	Pull to Rated Load (lb)	Body Depth (in.) "A"	Body Width (in.) "B"	Centerpoint Hook Opening (in.) "C"	Lever Length (in.) "D"	Hook Throat Opening (in.) "E"	Net Weight (lbs)
787536	LH025C05	1/4	5	8.27	1	4 x 12	1.37	74.86	3.09	2.44	1.39	5.9	0.82	4.18
787537	LH025C10	1/4	10	8.27	1	4 x 12	1.37	74.86	3.09	2.44	1.39	5.9	0.82	5.57
787538	LH025C15	1/4	15	8.27	1	4 x 12	1.37	74.86	3.09	2.44	1.39	5.9	0.82	6.96
787539	LH050C05	1/2	5	10.04	1	4.3 x 12	0.89	104.31	3.74	2.67	1.65	8.46	0.96	8.36
787540	LH050C10	1/2	10	10.04	1	4.3 x 12	0.89	104.31	3.74	2.67	1.65	8.46	0.96	10.01
787541	LH050C15	1/2	15	10.04	1	4.3 x 12	0.89	104.31	3.74	2.67	1.65	8.46	0.96	11.66

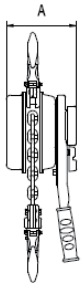
LH075/LH150/LH300/LH600

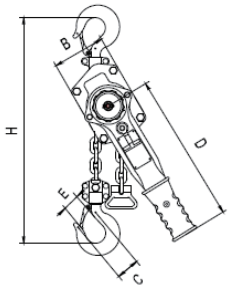


LH075

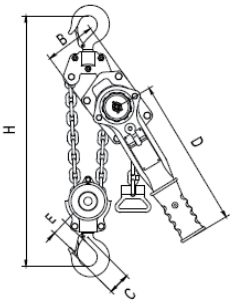


LH150





LH300



LH600

LH Standard Lever Hoist 3/4 Ton-6 Ton														
Stock Number	Model Number	Rated Capacity (Ton)	Std. Lift (ft.)	Min. Distance between hooks (in.) "H"	No. of falls	Load Chain (mm)	Lift per full turn of lever (in.)	Pull to Rated Load (lb)	Body Depth (in.) "A"	Diagonal Body Width (in.) "B"	Centerpoint Hook Opening (in.) "C"	Lever Length (in.) "D"	Hook Throat Opening (in.) "E"	Net Weight (lbs)
787542	LH075C05	0.75	5	12.79	1	6 x 18	0.81	62.94	5.82	10.9	1.45	5.82	1.02	14.08
787543	LH075C10	0.75	10	12.79	1	6 x 18	0.81	62.94	5.82	10.9	1.45	5.82	1.02	17.01
787544	LH075C15	0.75	15	12.79	1	6 x 18	0.81	62.94	5.82	10.9	1.45	5.82	1.02	19.94
787545	LH075C20	0.75	20	12.79	1	6 x 18	0.81	62.94	5.82	10.9	1.45	5.82	1.02	22.87
787546	LH150C05	1.50	5	14.96	1	8 X 24	0.87	85.42	6.77	11.61	1.85	6.77	1.31	24.86
787547	LH150C10	1.50	10	14.96	1	8 X 24	0.87	85.42	6.77	11.61	1.85	6.77	1.31	35.12
787548	LH150C15	1.50	15	14.96	1	8 X 24	0.87	85.42	6.77	11.61	1.85	6.77	1.31	40.25
787549	LH150C20	1.50	20	14.96	1	8 X 24	0.87	85.42	6.77	11.61	1.85	6.77	1.31	45.38
787550	LH300C05	3	5	18.89	1	10 X 30	0.69	70.81	7.87	13.38	2.46	7.87	1.71	42.46
787551	LH300C10	3	10	18.89	1	10 X 30	0.69	70.81	7.87	13.38	2.46	7.87	1.71	50.52
787552	LH300C15	3	15	18.89	1	10 X 30	0.69	70.81	7.87	13.38	2.46	7.87	1.71	58.58
787553	LH300C20	3	20	18.89	1	10 X 30	0.69	70.81	7.87	13.38	2.46	7.87	1.71	67.18
787554	LH600C05	6	5	24.41	2	10 X 30	0.34	74.18	7.87	13.38	3.07	7.87	2.02	68.86
787555	LH600C10	6	10	24.41	2	10 X 30	0.34	74.18	7.87	13.38	3.07	7.87	2.02	78.54
787556	LH600C15	6	15	24.41	2	10 X 30	0.34	74.18	7.87	13.38	3.07	7.87	2.02	88.22
787557	LH600C20	6	20	24.41	2	10 X 30	0.34	74.18	7.87	13.38	3.07	7.87	2.02	97.90

IDENTIFICATION

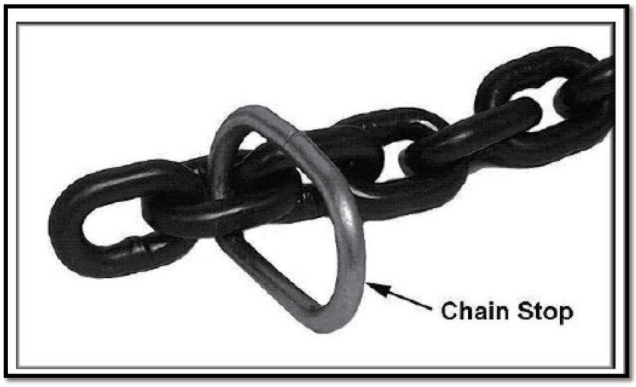


FIG 1

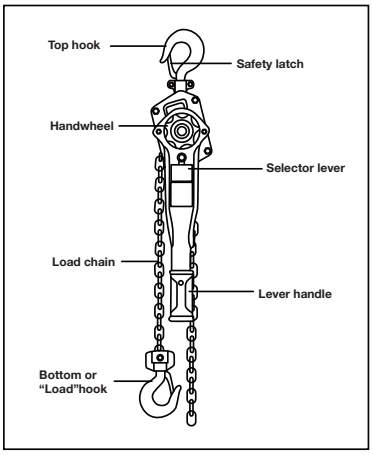


FIG 2

INSTALLATION

Support for the hoist may be hook, clevis pin, trolley, or beam clamp. Whatever method of suspension is chosen, the support components must be rated equal to, or greater than the capacity of the lever hoist. Supporting structures (such as I-Beams, etc.) should be installed by properly licensed professional installers.

INSPECTION THE CHAIN

⚠ WARNING: Do not operate the hoist with a twisted, kinked or damaged chain. Do not splice the chain.

• A chain stop must be attached to the second-to-last link on the slack end of the chain. See (FIG 1) for an example. Do not operate the hoist with a twisted, kinked or damaged chain. Do not splice the chain.
• Check that the chain does not twist along its length from hoist to hook.
• Replace the chain if links are stretched too long or seriously worn on the surface, especially at the points where links contact each other. See “Allowable Limits” on page14 for measuring chain elongation.
• Do not use a chain that is seriously rusted or cracked.
• Periodically apply a light coat of 30-weight oil to the chain. This will create easier operation and prolong the chain’s life. For optimum results, clean the chain with an acid-free solution before oiling.
• Never extend load chain by welding a second piece to the original.

INSPECTING THE HOOK

It is important to check top and bottom hooks for proper opening and other signs of deformation or damage. Replace a hook immediately if any of t following problems are identified:
• The safety latch no longer contacts the hook opening.
• The vertical angle at the neck of the hook reaches 10°, see (FIG 3).
• Chemical corrosion or cracks on the hook.
• Excessive wear on the inside surface.
• The throat opening has enlarged. See (FIG 13) for the maximum allowable limits for the throat opening.

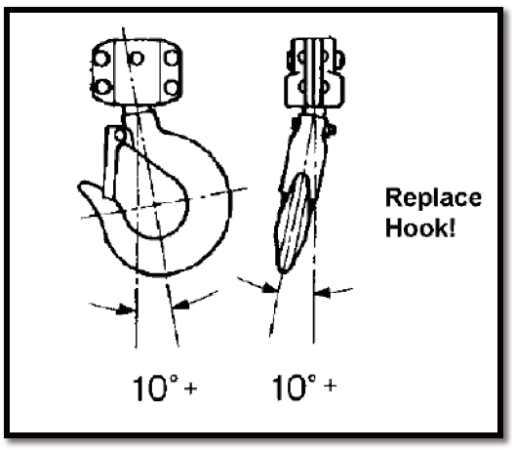


FIG 3

⚠ WARNING: Do not attempt repair of the hook by heat treating, bending or attaching anything by welding. Doing so will weaken and may cause failure of the hook.

• With the lever in the up position, while pulling down on the chain or with a load connected, check for a clicking sound when the handle is rotated in a clockwise direction. If these sounds are not present, or if irregular clicking noises develop, do not use the hoist – have it inspected and repaired by an authorized service center.
• With the lever in the up position, check free play in handle rotation. Free play is measured by the distance the handle travels before resistance or gearing is felt. If free play has reached 3/4 of a turn, brake discs are worn and should be replaced by a Sumner authorized service center.
• The brake mechanism must be kept clean and free from dirt, water, and oil. Never allow oil to penetrate the braking mechanism. The brake should not slip while using the hoist.
• If the lever hoist has not been used for an extended period, check for proper operation before putting into service.

OPERATION

The LH Lever Hoist may be used either in vertical position as a hoist; or in angled or horizontal position as a puller. Below is the general procedure for operating the hoist:
• Set the top hook securely.
• Correctly center the load on the bottom hook (FIG 4). Incorrect loading is dangerous to the operator, the lever hoist, and the load.
• Never load the hook in front of the safety latch (A, FIG 5).
• Never load the hook tip (B, FIG 5).
• Never load the hook off the centerline (C, FIG 5).
• Never load the hook sideways (D, FIG 5).

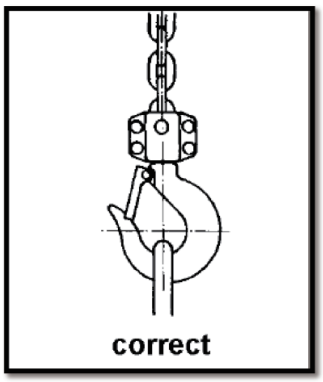


FIG 4

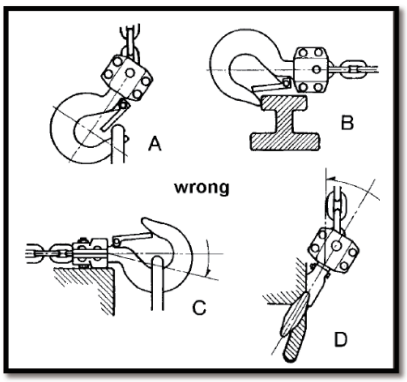


FIG 5

• Always keep your hoist clean and store in a clean, dry location. Place the selector switch on the handle in the center neutral position (FIG 6). This will allow free-wheel mode. Take up slack by pulling on loose or free end of chain.
• When finished with freewheel mode (Neutral Position), switch selector switch to UP or DOWN to re-engage lifting and lowering modes.

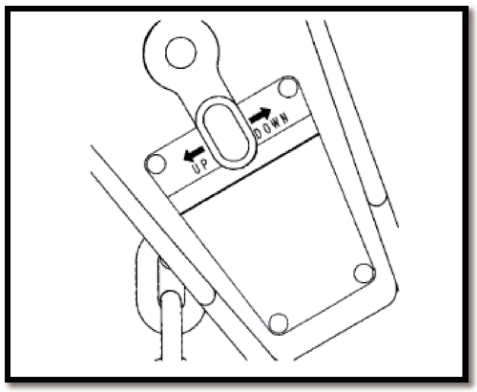


FIG 6

• Move selector switch to the UP position. Ratchet the lever to raise or pull the load. Do not overload the lever hoist.
• To release or lower the load, turn selector switch on the handle to the DOWN position and ratchet the handle.

⚠CAUTION : Avoid lifting one load with two hoists. If this is unavoidable, apply equal weight to both hoists and use hoists with the proper lift capacity. Capacity of each hoist must be equal to the total load to be lifted.

PRECAUTIONS

• During pulling operations, the operator should stand near the side of the top hook on the opposite side from the lever. If the hand should slip off the lever, the lever will spring back away from the operator.
• During lifting operations, do not stand under the load.
• Do not use an extension on the lever (FIG 7).
• Do not use a foot to apply pressure to the lever (FIG 8).
• Prevent the chain from dragging over sharp edges or corners. These will cause links to weaken, bend, or break, (FIG 9).

• When using a wire rope sling, the puller must be applied along a straight line parallel to the surface on which it is resting (FIG 10).

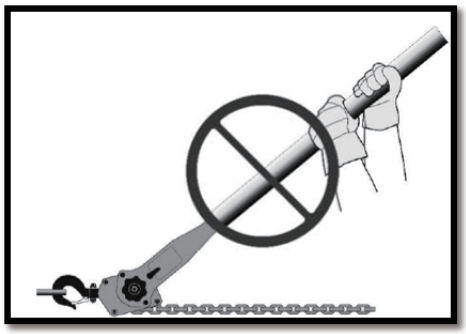


FIG 7

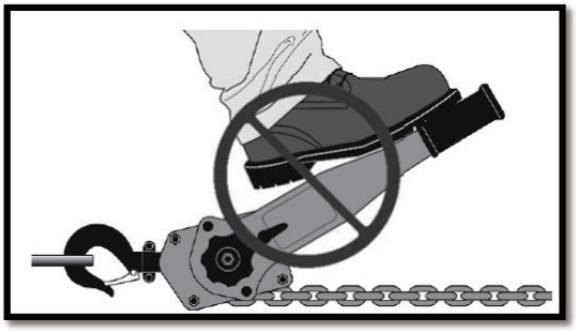


FIG 8

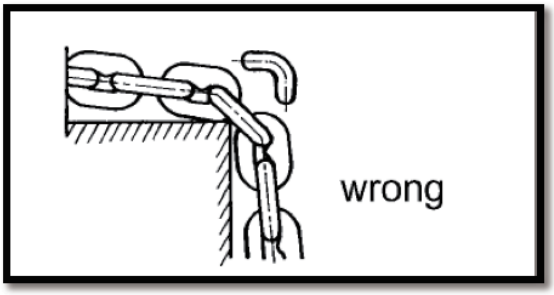


FIG 9

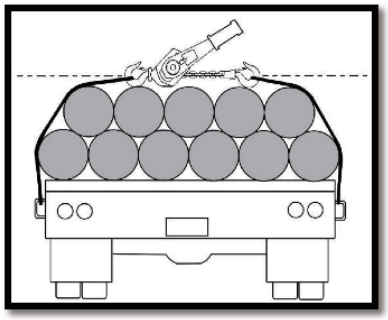


FIG 10

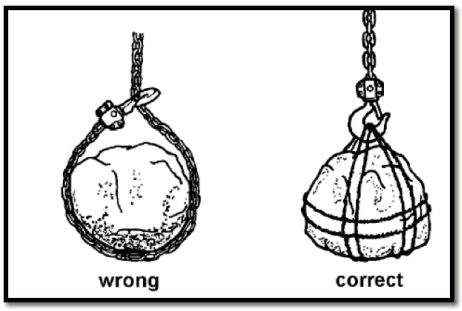


FIG 11

• When lifting loads, hook the load with slings. Do not use the lever hoist chain as a sling (FIG 11).
• Both ends of a sling or rope must be completely on the inside of the safety latch before pulling or lifting the load. Do not put one end on the inside of the latch and leave the other end on the hook end outside the latch.

Read and follow ANSI Inspection and Maintenance Instructions. Know the meaning of Frequent Inspection, Periodic Inspection, Normal Service, Heavy Service, and Severe Service. It is the customer's responsibility to understand and follow all ANSI and Sumner inspection and maintenance instructions.

The lever hoist should be stored in a clean, dry environment. Clean and oil the hoist before storage. Hoists that are installed out-of-doors should be covered or brought inside when not in use.

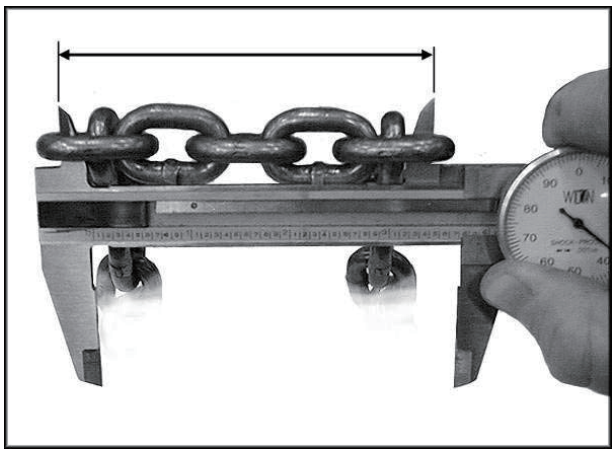
Periodically apply a light coat of 30 weight oil to the load chain. Also lubricate the safety latches and the bearings in the hooks.

Annually, the hoist should be disassembled, inspected, and cleaned by trained and experienced personnel only. Contact a Sumner authorized service center by calling your dealer or visiting our web site at www.sumner.com.

WEAR LIMITS LOAD CHAIN

• Carefully inspect the entire load chain. As illustrated in (FIG 12), measure five consecutive links with calipers to find the length, Compare the results with the table in (FIG 12). Check every three feet and especially where excessive wear is indicated. Any load chain that shows noticeable deformation or heat influence must be replaced with a new one.

WARNING : Never extend load chain by welding a second piece to the original.



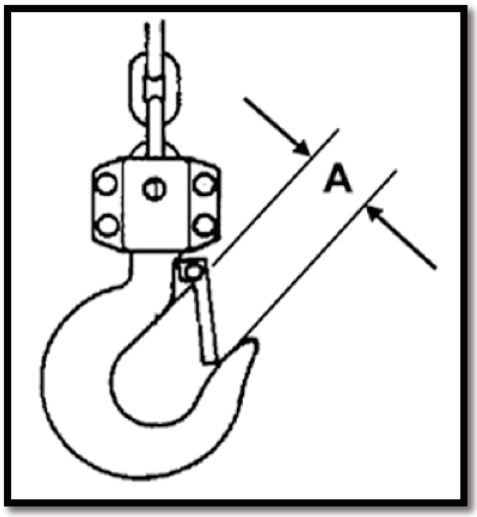
Capacity	5 Link Normal (in)	5 Link Limit (in)
0.25 ton	2.36"	2.43"
0.50 ton	2.36"	2.43"
0.75 ton	3.54”	3.65”
1.5 ton	4.72”	4.86”
3 ton	5.91”	6.09”
6 ton	5.91”	6.09”

FIG 12

HOOK WEAR LIMITS (TOP and BOTTOM)

• Replace the hook when “A” in (FIG 13) is wider than the “Throat Opening Limit” shown in the accompanying table.

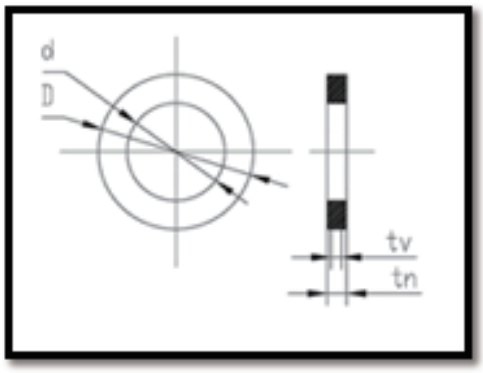
⚠WARNING : Never heat treat the hook or attach anything to the hook by welding.



Capacity	Standard Throat Opening (A)	Standard Throat Limit (A)
0.25 ton	0.82"	0.89"
0.50 ton	0.96"	1.03"
0.75 ton	1.46”	1.61”
1.5 ton	1.85”	2.04”
3 ton	2.46”	2.71”
6 ton	3.07”	3.38”

FIG 13

• Annual inspection of the brake disk should be performed to ensure brake disk is within the allowable standards as shown in (FIG 14).



Capacity	D	d	tn	tv
	(in)	(in)	(in)	(in)
0.25 ton	1.38”	0.87”	0.14”	0.12”
0.5 ton	1.54”	0.87”	0.12”	0.10”
0.75 ton	2.13”	1.34”	0.14”	0.12”
1.5 ton	2.56”	1.59”	0.14”	0.12”
3 ton	2.56”	1.59”	0.14”	0.12”
6 ton	2.56”	1.59”	0.14”	0.12”

FIG 14

d = inner diameter

D = outer diameter

tn = normal measurement

tv = replacement limit

TIMING MARKS FOR GEAR REPLACEMENT

• If the gears on the LH hoist need replacement or removal for any reason, make sure they are re-installed correctly. (FIG 15) shows the proper orientation of the timing marks when meshing the gears.

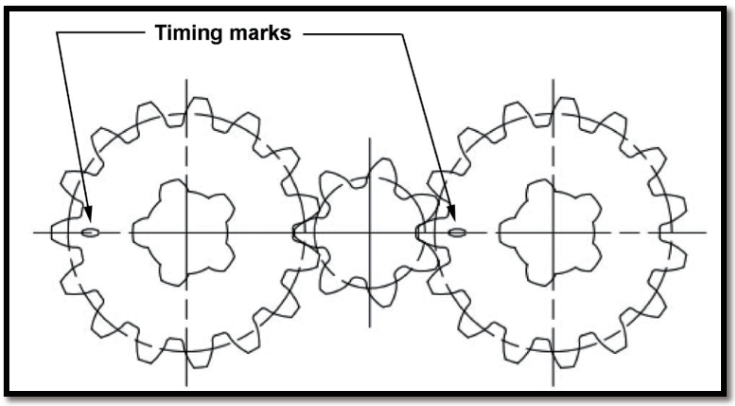
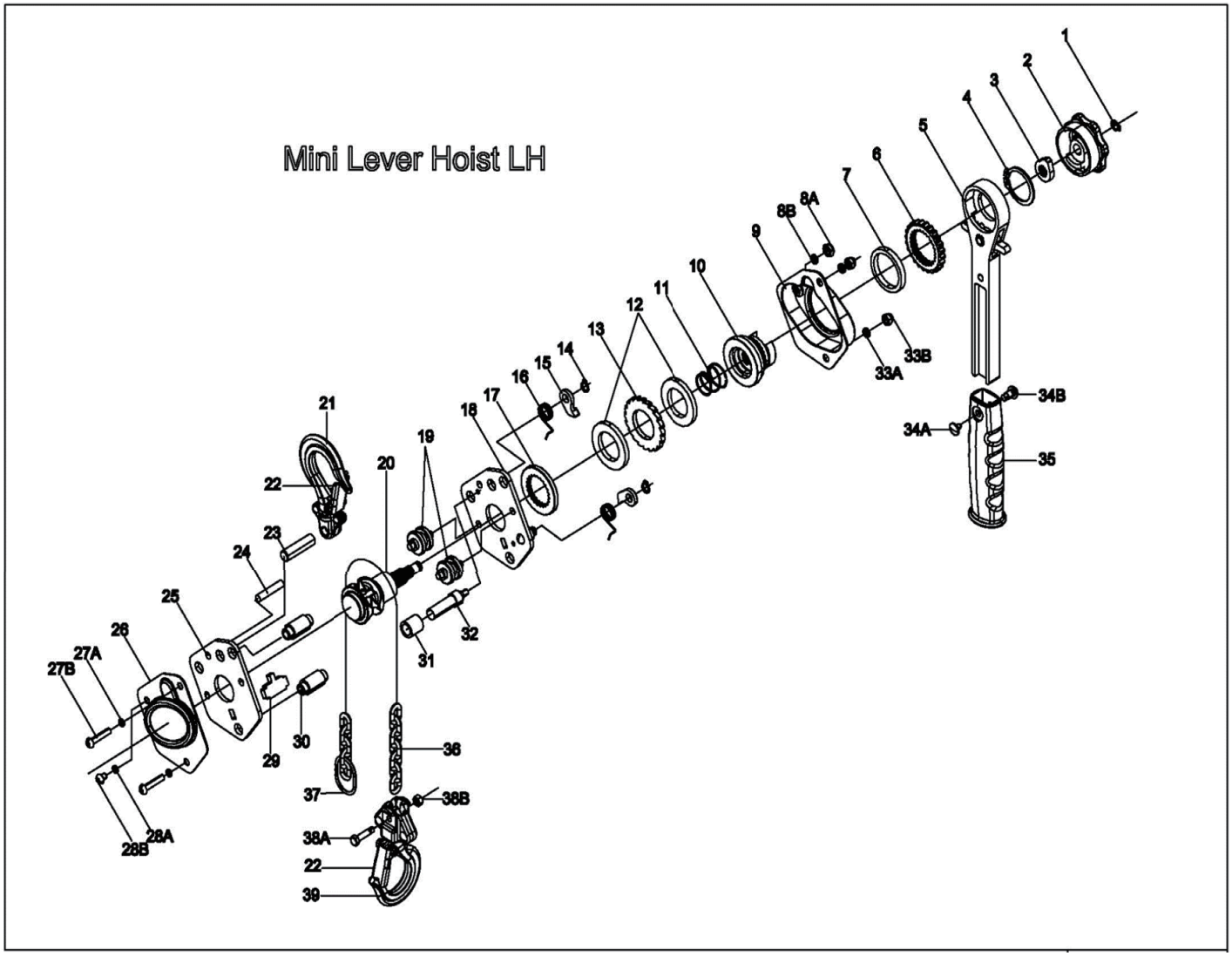


FIG 15

REPLACEMENT PARTS

Replacement parts are listed on the following pages. To order parts or reach our service department, call 1-281-999-6900 Monday through Friday, 8:00 a.m. to 5:00 p.m. CST. Having the Model Number and Serial Number of your machine available when you call will allow us to serve you quickly and accurately. Non-proprietary parts, such as fasteners, can be found at local hardware stores. McMaster- Carr reference numbers are provided for hardware specifications. Some parts are shown for reference only and may not be available individually.

LH025 THROUGH LH050 - EXPLODED VIEW



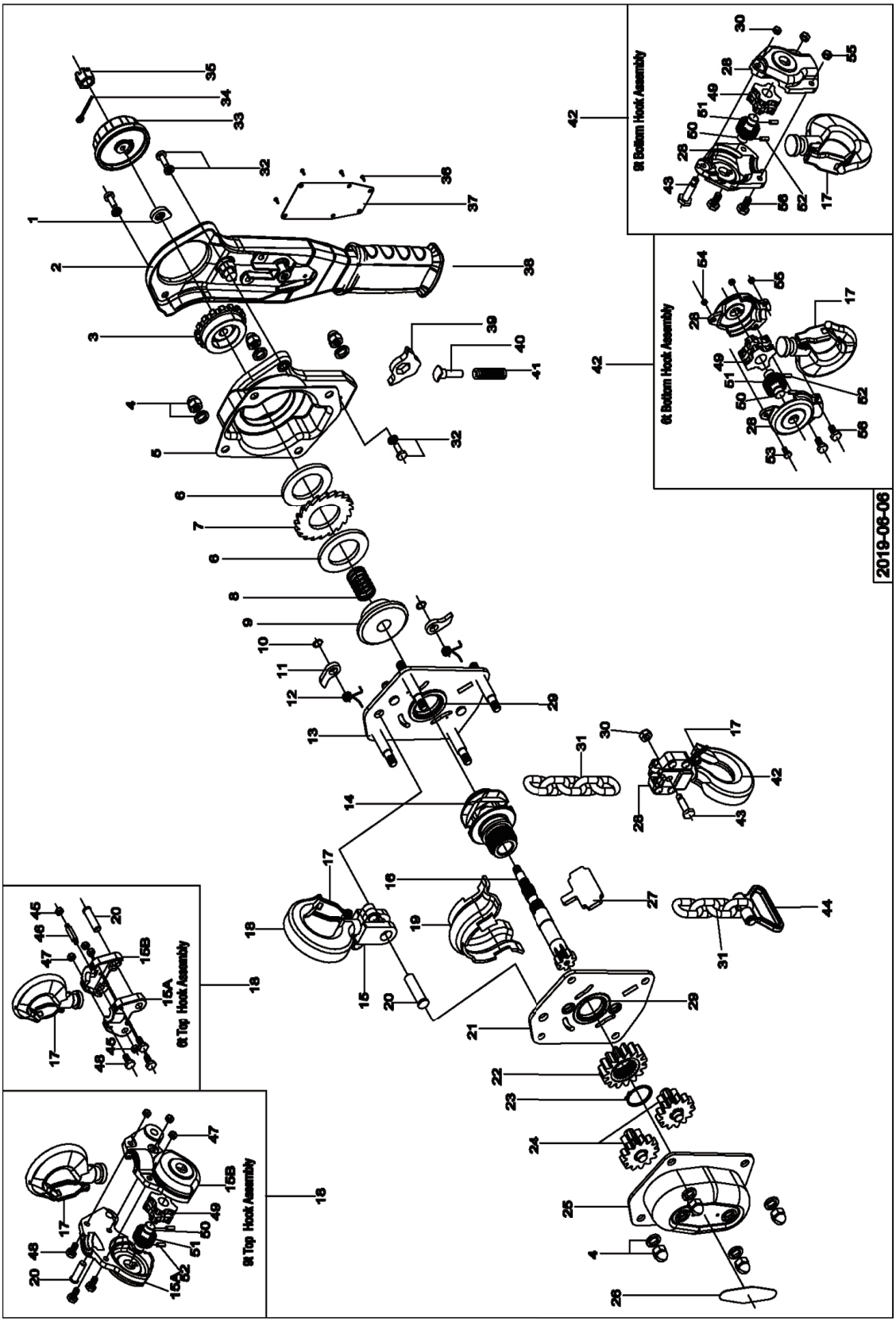
LH025 - PARTS LIST

LH025	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788200	McMaster 90967A115	KX050-29	Snap Ring	661165882001
2	1	788201		KX050-28	Hand Wheel	661165882018
3	1	788202		KX025-27	Stop Knob	661165882025
4	1	788203	McMaster 90967A270	YAL025-4	Snap Ring	661165882032
5	1	788204		YAL050-5	Lever Handle Assembly	661165882049
6	1	788205		KX050-23	Change Over Gear	661165882056
7	1	788206		KX050-22	Bushing	661165882063
8A	1	788207	McMaster 90591A255	YAL050-8A	Hexagon Nut = Zinc-Plated Steel Hex Nut, Medium-Strength, Class 8, M4 x 0.7 mm Thread	661165882070
8B	1	788208	McMaster 91202A230	YAL050-8B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M5 Screw Size, 5.4 mm ID, 9.2 mm OD	661165882087
9	1	788209		YAL025-9	Brake Cover	661165882094
10	1	788210		KX050-33	Disc Hub	661165882100
11	1	788211		KX050-18	Twisting Spring	661165882117
12	2	788212		YAL025-12	Friction Disc	661165882124
13	1	788213		KX050-17	Ratchet Disc	661165882131
14	2	788214	McMaster 90967A110	KX050-16	Snap Ring	661165882148
15	2	788215		KX050-15	Pawl	661165882155
16	2	788216		KX050-14	Pawl Spring	661165882162
17	1	788217		YAL025-17	Brake Seat	661165882179
18	1	788218		YAL025-18	Lever Side Plate Assembly	661165882186
19	2	788219		YAL025-19	Guide Roller	661165882193
20	1	788220		YAL025-20	Load Sheave	661165882209
21	1	788221		YAL025-21	Top Hook Assembly	661165882216
22	2	788222		YAL025-22	Safety Latch Assembly	661165882223
23	1	788223		KX025-3	Top Hook Shaft	661165882230
24	1	788224		YAL025-24	Pin	661165882247
25	1	788225		YAL025-25	Gear Side Plate	661165882254
26	1	788226		YAL025-26	Gear Cover	661165882261
27A	2	788227	McMaster 91202A230	YAL025-27A	Lock Washer	661165882278
27B	2	788228	McMaster 94387A341	YAL025-27B	Phillips Pan Head Screw = JIS Steel Pan Head Phillips Screws, M5 x 0.8 mm Thread, 35 mm Long	661165882285
28A	1	788227	McMaster 91202A230	YAL025-27A	Lock Washer	661165882278
28B	1	788229	McMaster 92095A210	YAL025-28B	Socket Head Screw = Button Head Hex Drive Screw, Passivated 18-8 Stainless Steel, M5 x 0.80 mm Thread, 12mm Long	661165882292
29	1	788230		YAL025-29	Stripper	661165882308
30	2	788231		YAL025-30	Stay Bolt	661165882315
31	1	788232		YAL025-31	Support	661165882322
32	1	788233		YAL025-32	Stay Bolt II	661165882339
33A	2	788227	McMaster 91202A230	YAL025-27A	Lock Washer	661165882278
33B	2	788234	McMaster 91180A037	YAL025-33B	Acorn nut = Low-Strength Steel Cap Nut, Zinc-Plated, M5 x 0.8 mm Thread	661165882346
34A	1	788235		KV016-27A	Steel Pan Head Phillips Screw, M3.5 x 0.6 mm Thread, 6 mm Long	661165882353
34B	1	788236		KX025-30B	Barrel Nut - M3 x 11.5 x 5Φ	661165882360
35	1	788237		KX050-31	Rubber Grip	661165882377
36	As Req'd Per Foot	788238		Φ4×12	Load Chain	661165882384
37	1	788239		YAL050-37	End Chain Ring	661165882391
38A	1	788240		YAL025-38A	Load Pin	661165882407
38B	1	788241		YAL050-38B	Lock Nut	661165882414
39	1	788242		YAL025-39	Bottom Hook Assembly	661165882421

LH050 - PARTS LIST

LH050	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788200	McMaster 90967A115	KX050-29	Snap Ring	661165882001
2	1	788201		KX050-28	Hand Wheel	661165882018
3	1	788243		YAL075-1	Stop Knob	661165882438
4	1	788244	McMaster 98541A130	YAL050-4	Snap Ring	661165882445
5	1	788204		YAL050-5	Lever Handle Assembly	661165882049
6	1	788245		YAL050-6	Change Over Gear	661165882452
7	1	788246		YAL050-7	Bushing	661165882469
8A	1	788207	McMaster 90591A255	YAL050-8A	Hexagon Nut = Zinc-Plated Steel Hex Nut, Medium-Strength, Class 8, M4 x 0.7 mm Thread	661165882070
8B	1	788208	McMaster 91202A230	YAL050-8B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M5 Screw Size, 5.4 mm ID, 9.2 mm OD	661165882087
9	1	788247		YAL050-9	Brake Cover	661165882476
10	1	788248		YAL050-10	Disc Hub	661165882483
11	1	788249		YAL050-11	Twisting Spring	661165882490
12	2	788250		YAL050-12	Friction Disc	661165882506
13	1	788251		YAL050-13	Ratchet Disc	661165882513
14	2	788214	McMaster 93279A100	KX050-16	Snap Ring	661165882148
15	2	788215		KX050-15	Pawl	661165882155
16	2	788216		KX050-14	Pawl Spring	661165882162
17	1	788252		YAL050-17	Brake Seat	661165882520
18	1	788253		YAL050-18	Lever Side Plate Assembly	661165882537
19	2	788254		YAL050-19	Guide Roller	661165882544
20	1	788255		YAL050-20	Load Sheave	661165882551
21	1	788256		YAL050-21	Top Hook Assembly	661165882568
22	2	788257		YAL050-22	Safety Latch Assembly	661165882575
23	1	788258		KX050-3	Top Hook Shaft	661165882582
24	1	788259		YAL050-24	Pin	661165882599
25	1	788260		YAL050-25	Gear Side Plate	661165882605
26	1	788261		YAL050-26	Gear Cover	661165882612
27A	2	788262	McMaster 93279A100	YAL050-27A	Lock Washer	661165882629
27B	2	788263	McMaster 92095A248	YAL050-27B	Socket Head Screw = Button Head Hex Drive Screw, Passivated 18-8 Stainless Steel, M6 x 1 mm Thread, 40mm Long	661165882636
28A	1	788262	McMaster 93279A100	YAL050-27A	Lock Washer	661165882629
28B	1	788264	McMaster 92095A224	YAL050-28B	Socket Head Screw = Button Head Hex Drive Screw, Passivated 18-8 Stainless Steel, M6 x 1 mm Thread, 10mm Long	661165882643
29	1	788265		YAL050-29	Stripper	661165882650
30	2	788266		YAL050-30	Stay Bolt	661165882667
31	1	788267		YAL050-31	Support	661165882674
32	1	788268		YAL050-32	Stay Bolt II	661165882681
33A	1	788262	McMaster 93279A100	YAL050-27A	Lock Washer	661165882629
33B	1	788269	McMaster 99164A101	YAL050-33B	Acorn nut = High-Strength Steel Cap Nut, Class 10, Zinc-Plated, M6 x 1 mm Thread	661165882698
34A	1	788235		KV016-27A	Steel Pan Head Phillips Screw, M3.5 x 0.6 mm Thread, 6 mm Long	661165882353
34B	1	788236		KX025-30B	Barrel Nut - M3 x 11.5 x 5Φ	661165882360
35	1	788270		YAL050-35	Rubber Grip	661165882704
36	As Req'd Per Foot	788271		Φ4.3×12	Load Chain	661165882711
37	1	788239		YAL050-37	End Chain Ring	661165882391
38A	1	788272		KX050-39A	Load Pin	661165882728
38B	1	788241		YAL050-38B	Lock Nut	661165882414
39	1	788273		KX050-40	Bottom Hook Assembly	661165882735

LH075 THROUGH LH600 – EXPLODED VIEW



LH075 - PARTS LIST

LH075	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788243		YAL075-1	Stop Knob	661165882438
2	1	788274		YAL075-2	Lever Handle Assembly	661165882742
3	1	788275		YAL075-3	Change Over Gear	661165882759
4	8	788276	McMaster 91202A238	TB300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M8 Screw Size, 8.5 mm ID, 14.8 mm OD	661165882766
	8	788277	McMaster 99164A102	TB300-4A	Acorn Nut = High-Strength Steel Cap Nut, Class 10, Zinc-Plated, M8 x 1.25 mm Thread	661165882773
5	1	788278		YAL075-5	Brake Cover Assembly	661165882780
6	2	788279		YAL075-6	Friction Disc	661165882797
7	1	788280		YAL075-7	Ratchet Disc	661165882803
8	1	788281		YAL150-8	Twisting Spring	661165882810
9	1	788282		YAL075-9	Brake Seat	661165882827
10	2	788283	McMaster 90967A155	YAL150-10	Snap Ring = External Retaining Ring for 9 mm OD, DIN 1.4122 Stainless Steel	661165882834
11	2	788284		YAL150-11	Pawl	661165882841
12	2	788285		YAL150-12	Pawl Spring	661165882858
13	1	788286		YAL075-13	Lever Handle Side Plate Assembly	661165882865
14	1	788287		YAL075-14	Load Sprocket	661165882872
15	2	788288		YAL075-15	Top Hook Holder	661165882889
	0				Left Top Hook Holder	
	0				Right Top Hook Holder	
16	1	788289		YAL075-16	Drive Shaft	661165882896
17	2	788290		YAL075-17	Safety Latch Assembly	661165882902
18	1	788291		YAL075-18	Top Hook Assembly	661165882919
19	1	788292		YAL075-19	Chain Guide Plate	661165882926
20	1	788293		YAL075-20	Top Hook Shaft	661165882933
21	1	788294		YAL075-21	Gear Side Plate Assembly	661165882940
22	1	788295		YAL075-22	Load Gear	661165882957
23	1	788296	McMaster 90967A241	YAL075-23	Snap Ring = External Retaining Ring for 22 mm OD, DIN 1.4122 Stainless Steel	661165882964
24	2	788297		YAL075-24	Spur Gear Assembly	661165882971
25	1	788298		YAL075-25	Gear Cover Assembly	661165882988
26	1	788299		YAL075-26	Capacity Nameplate	661165882995
27	1	788300		YAL075-27	Stripper	661165883008
28	2	788301		YAL075-28	Bottom Hook Holder	661165883015
29	2	788302		YAL075-29	Caged Roller Bearings	661165883022
30	1	788303	McMaster 90576A115	TB050-30B	Lock Nut	661165883039
31	As Req'd	788304		Φ6X18	Load chain	661165883046
32	3	788305	McMaster 91280A324	YAL075-32A	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 12 mm Long	661165883053
	3	788306	McMaster 91202A234	YAL075-32B	Lock Washer	661165883060
33	1	788307		YAL075-33	Hand Wheel	661165883077
34	1	788308	McMaster 98350A160	K500-32B	Split Pin = Cotter Pin, Zinc-Plated Steel, 2mm Diameter, 20mm Long	661165883084
35	1	788349	McMaster 93760A222	K500-26	Pinion Nut - Castle Nut Steel Locknut for Use with Cotter Pins, Medium-Strength, Class 8, M8 x 1.25 mm Thread	661165883497
36	6	788310	McMaster 97358A101	K500-1	Rivet = Low-Profile Flat Head Solid Rivets, 0.119" Diameter, for 0.16" Maximum Material Thickness	661165883107
	0	788309		N/A		
37	1	788311		YAL075-37	NamePlate	661165883114
38	1	788312		YAL075-38	Rubber Grip	661165883121
39	1	788313		YAL075-39	Change Over Gear	661165883138
40	1	788314		YAL075-40	Spring Shaft	661165883145
41	1	788315		YAL075-41	Change Over Spring	661165883152
42	1	788316		YAL075-42	Bottom Hook Assembly	661165883169
43	1	788317		YAL075-43	Load Pin	661165883176
44	1	788933		YAL075-44	End Chain Grip	661165889338
45	0				Lock Nut	
46	0				Load Pin	
47	0				Lock Nut	
48	0				Socket Cap Screw	
49	0				Idle Sheave	
50	0				Idle Shaft	
	0					
51	0				Needle Bearing	
	0					
52	0				Cylinder Pin	
53	0				Socket Cap Screw	
54	0				Lock Nut	
55	0				Lock Nut	
56	0				Socket Cap Screw	

LH150 - PARTS LIST

LH150	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788319		YAL300-1	Stop Knob	661165883190
2	1	788320		YAL300-2	Lever Handle Assembly	661165883206
3	1	788321		YAL150-3	Change Over Gear	661165883213
4	8	788322	McMaster 91202A242	TB500-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M10 Screw Size, 10.7 mm ID, 18.1 mm OD	661165883220
	8	788323	McMaster 99164A103	TB500-4A	Acorn Nut = High-Strength Steel Cap Nut, Class 10, Zinc-Plated, M10 x 1.5 mm Thread	661165883237
5	1	788324		YAL150-5	Brake Cover Assembly	661165883244
6	2	788325		YAL300-6	Friction Disc	661165883251
7	1	788326		YAL300-7	Ratchet Disc	661165883268
8	1	788281		YAL150-8	Twisting Spring	661165882810
9	1	788327		YAL300-9	Brake Seat	661165883275
10	2	788283	McMaster 90967A155	YAL150-10	Snap Ring = External Retaining Ring for 9 mm OD, DIN 1.4122 Stainless Steel	661165882834
11	2	788284		YAL150-11	Pawl	661165882841
12	2	788285		YAL150-12	Pawl Spring	661165882858
13	1	788328		YAL150-13	Lever Handle Side Plate Assembly	661165883282
14	1	788329		YAL150-14	Load Sprocket	661165883299
15	2	788330		YAL150-15	Top Hook Holder	661165883305
	0	788309		N/A	Left Top Hook Holder	
	0	788309		N/A	Right Top Hook Holder	
16	1	788331		YAL150-16	Drive Shaft	661165883312
17	2	788332		YAL150-17	Safety Latch Assembly	661165883329
18	1	788333		YAL150-18	Top Hook Assembly	661165883336
19	1	788334		YAL150-19	Chain Guide Plate	661165883343
20	1	788335		YAL150-20	Top Hook Shaft	661165883350
21	1	788336		YAL150-21	Gear Side Plate Assembly	661165883367
22	1	788337		YAL150-22	Load Gear	661165883374
23	1	788296	McMaster 90967A241	YAL075-23	Snap Ring = External Retaining Ring for 22 mm OD, DIN 1.4122 Stainless Steel	661165882964
24	2	788338		YAL150-24	Spur Gear Assembly	661165883381
25	1	788339		YAL150-25	Gear Cover Assembly	661165883398
26	1	788340		YAL150-26	Capacity Nameplate	661165883404
27	1	788341		YAL150-27	Stripper	661165883411
28	2	788342		YAL150-28	Bottom Hook Holder	661165883428
29	2	788343		YAL150-29	Caged Roller Bearings	661165883435
30	1	788344	McMaster 90576A115	TB100-30B	Lock Nut = Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M6 x 1 mm Thread	661165883442
31	As Req'd Per Foot	788345		Φ8X24	Load chain	661165883459
32	3	788346	McMaster 91280A526	YAL300-32	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 16 mm Long	661165883466
	3	788347	McMaster 91202A238	YAL300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M8 Screw Size, 8.5 mm ID, 14.8 mm OD	661165883473
33	1	788348		YAL300-33	Hand Wheel	661165883480
34	1	788308	McMaster 98350A160	K500-32B	Split Pin = Cotter Pin, Zinc-Plated Steel, 2mm Diameter, 20mm Long	661165883084
35	1	788349	McMaster 93760A222	K500-26	Pinion Nut - Castle Nut Steel Locknut for Use with Cotter Pins, Medium-Strength, Class 8, M8 x 1.25 mm Thread	661165883497
36	0			NA	Rivet = Low-Profile Flat Head Solid Rivets, 0.119" Diameter, for 0.16" Maximum Material Thickness	
	4	788310	McMaster 97358A101	K500-1		661165883107
37	1	788350		YAL150-37	NamePlate	661165883503
38	1	788351		YAL300-38	Rubber Grip	661165883510
39	1	788352		YAL300-39	Change Over Gear	661165883527
40	1	788353		YAL300-40	Spring Shaft	661165883534
41	1	788354		YAL300-41	Change Over Spring	661165883541
42	1	788355		YAL150-42	Bottom Hook Assembly	661165883558
43	1	788356		YAL150-43	Load Pin	661165883565
44	1	788933		YAL150-44	End Chain Grip	661165889338
45	0				Lock Nut	
46	0				Load Pin	
47	0				Lock Nut	
48	0				Socket Cap Screw	
49	0				Idle Sheave	
50	0				Idle Shaft	
	0					
51	0				Needle Bearing	
	0					
52	0				Cylinder Pin	
53	0				Socket Cap Screw	
54	0				Lock Nut	
55	0				Lock Nut	
56	0				Socket Cap Screw	

LH300 - PARTS LIST

LH300	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788319		YAL300-1	Stop Knob	661165883190
2	1	788320		YAL300-2	Lever Handle Assembly	661165883206
3	1	788321		YAL150-3	Change Over Gear	661165883213
4	8	788347	McMaster 91202A246	YAL300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M12 Screw Size, 12.7 mm ID, 21.1 mm OD	661165883473
	8	788357	McMaster 99164A104	YAL300-4A	Acorn Nut = High-Strength Steel Cap Nut, Class 10, Zinc-Plated, M12 x 1.75 mm Thread	661165883572
5	1	788358		YAL300-5	Brake Cover Assembly	661165883589
6	2	788325		YAL300-6	Friction Disc	661165883251
7	1	788326		YAL300-7	Ratchet Disc	661165883268
8	1	788359		YAL300-8	Twisting Spring	661165883596
9	1	788327		YAL300-9	Brake Seat	661165883275
10	2	788360	McMaster 98541A445	YAL300-10	Snap Ring = External Retaining Ring for 11 mm OD, Black-Phosphate 1060-1090 Spring Steel	661165883602
11	2	788361		YAL300-11	Pawl	661165883619
12	2	788362		YAL300-12	Pawl Spring	661165883626
13	1	788363		YAL300-13	Lever Handle Side Plate Assembly	661165883633
14	1	788364		YAL300-14	Load Sprocket	661165883640
15	2	788365		YAL300-15	Top Hook Holder	661165883657
	0	788309		N/A	Left Top Hook Holder	
	0	788309		N/A	Right Top Hook Holder	
16	1	788366		YAL300-16	Drive Shaft	661165883664
17	2	788367		YAL300-17	Safety Latch Assembly	661165883671
18	1	788368		YAL300-18	Top Hook Assembly	661165883688
19	1	788369		YAL300-19	Chain Guide Plate	661165883695
20	1	788370		YAL300-20	Top Hook Shaft	661165883701
21	1	788371		YAL300-21	Gear Side Plate Assembly	661165883718
22	1	788372		YAL300-22	Load Gear	661165883725
23	1	788373	McMaster 90967A312	YAL300-23	Snap Ring = External Retaining Ring for 32 mm OD, DIN 1.4122 Stainless Steel	661165883732
24	2	788374		YAL300-24	Spur Gear Assembly	661165883749
25	1	788375		YAL300-25	Gear Cover Assembly	661165883756
26	1	788376		YAL300-26	Capacity Nameplate	661165883763
27	1	788377		YAL300-27	Stripper	661165883770
28	2	788378		YAL300-28	Bottom Hook Holder	661165883787
29	2	788379		YAL300-29	Caged Roller Bearings	661165883794
30	1	788380	McMaster 90576A118	TB300-30B	Lock Nut = Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread	661165883800
31	As Req'd Per Foot	788381		Φ10X30	Load chain	661165883817
32	3	788346	McMaster 91280A526	YAL300-32	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 16 mm Long	661165883466
	3	788347	McMaster 91202A238	YAL300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M8 Screw Size, 8.5 mm ID, 14.8 mm OD	661165883473
33	1	788348		YAL300-33	Hand Wheel	661165883480
34	1	788308	McMaster 98350A160	K500-32B	Split Pin = Cotter Pin, Zinc-Plated Steel, 2mm Diameter, 20mm Long	661165883084
35	1	788349	McMaster 93760A222	K300-26	Pinion Nut - Castle Nut Steel Locknut for Use with Cotter Pins, Medium-Strength, Class 8, M8 x 1.25 mm Thread	661165883497
36	0			NA	Rivet = Low-Profile Flat Head Solid Rivets, 0.119" Diameter, for 0.16" Maximum Material Thickness	
	4	788310	McMaster 97358A101	K500-1		661165883107
37	1	788382		YAL300-37	NamePlate	661165883824
38	1	788351		YAL300-38	Rubber Grip	661165883510
39	1	788352		YAL300-39	Change Over Gear	661165883527
40	1	788353		YAL300-40	Spring Shaft	661165883534
41	1	788354		YAL300-41	Change Over Spring	661165883541
42	1	788383		YAL300-42	Bottom Hook Assembly	661165883831
43	1	788384		YAL300-43	Load Pin	661165883848
44	1	788318		YAL300-44	End Chain Grip	661165883183
45	0				Lock Nut	
46	0				Load Pin	
47	0				Lock Nut	
48	0				Socket Cap Screw	
49	0				Idle Sheave	
50	0				Idle Shaft	
	0					
51	0				Needle Bearing	
	0					
52	0				Cylinder Pin	
53	0				Socket Cap Screw	
54	0				Lock Nut	
55	0				Lock Nut	
56	0				Socket Cap Screw	

LH600 - PARTS LIST

LH600	Quantity	Stock #	Reference	MODEL	DESCRIPTION	UPC
1	1	788319		YAL300-1	Stop Knob	661165883190
2	1	788320		YAL300-2	Lever Handle Assembly	661165883206
3	1	788321		YAL150-3	Change Over Gear	661165883213
4	8	788347	McMaster 91202A246	YAL300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M12 Screw Size, 12.7 mm ID, 21.1 mm OD	661165883473
	8	788357	McMaster 99164A104	YAL300-4A	Acorn Nut = High-Strength Steel Cap Nut, Class 10, Zinc-Plated, M12 x 1.75 mm Thread	661165883572
5	1	788358		YAL300-5	Brake Cover Assembly	661165883589
6	2	788325		YAL300-6	Friction Disc	661165883251
7	1	788326		YAL300-7	Ratchet Disc	661165883268
8	1	788359		YAL300-8	Twisting Spring	661165883596
9	1	788327		YAL300-9	Brake Seat	661165883275
10	2	788360	McMaster 98541A445	YAL300-10	Snap Ring = External Retaining Ring for 11 mm OD, Black-Phosphate 1060-1090 Spring Steel	661165883602
11	2	788361		YAL300-11	Pawl	661165883619
12	2	788362		YAL300-12	Pawl Spring	661165883626
13	1	788363		YAL300-13	Lever Handle Side Plate Assembly	661165883633
14	1	788364		YAL300-14	Load Sprocket	661165883640
15	0	788309		N/A	Top Hook Holder	
	1	788385		YAL600-15A	Left Top Hook Holder	661165883855
	1	788386		YAL600-15B	Right Top Hook Holder	661165883862
16	1	788366		YAL300-16	Drive Shaft	661165883664
17	2	788387		YAL600-17	Safety Latch Assembly	661165883879
18	1	788388		YAL600-18	Top Hook Assembly	661165883886
19	1	788369		YAL300-19	Chain Guide Plate	661165883695
20	1	788370		YAL300-20	Top Hook Shaft	661165883701
21	1	788371		YAL300-21	Gear Side Plate Assembly	661165883718
22	1	788372		YAL300-22	Load Gear	661165883725
23	1	788373	McMaster 90967A312	YAL300-23	Snap Ring = External Retaining Ring for 32 mm OD, DIN 1.4122 Stainless Steel	661165883732
24	2	788374		YAL300-24	Spur Gear Assembly	661165883749
25	1	788375		YAL300-25	Gear Cover Assembly	661165883756
26	1	788389		YAL600-26	Capacity Nameplate	661165883893
27	1	788377		YAL300-27	Stripper	661165883770
28	2	788390		YAL600-28	Bottom Hook Holder	661165883909
29	2	788379		YAL300-29	Caged Roller Bearings	661165883794
30	0	788309		N/A	Lock Nut	
31	As Req'd Per Foot	788381		Φ10X30	Load chain	661165883817
32	3	788346	McMaster 91280A526	YAL300-32	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 16 mm Long	661165883466
	3	788347	McMaster 91202A238	YAL300-4B	Lock Washer = Zinc-Plated Steel Split Lock Washer for M8 Screw Size, 8.5 mm ID, 14.8 mm OD	661165883473
33	1	788348		YAL300-33	Hand Wheel	661165883480
34	1	788308	McMaster 98350A160	K500-32B	Split Pin = Cotter Pin, Zinc-Plated Steel, 2mm Diameter, 20mm Long	661165883084
35	1	788349	McMaster 93760A222	K300-26	Pinion Nut - Castle Nut Steel Locknut for Use with Cotter Pins, Medium-Strength, Class 8, M8 x 1.25 mm Thread	661165883497
36	0				Rivet = Low-Profile Flat Head Solid Rivets, 0.119" Diameter, for 0.16" Maximum Material Thickness	
	4	788310	McMaster 97358A101	K500-1		661165883107
37	1	788391		YAL600-37	NamePlate	661165883916
38	1	788351		YAL300-38	Rubber Grip	661165883510
39	1	788352		YAL300-39	Change Over Gear	661165883527
40	1	788353		YAL300-40	Spring Shaft	661165883534
41	1	788354		YAL300-41	Change Over Spring	661165883541
42	1	788392		YAL600-42	Bottom Hook Assembly	661165883923
43	1	788309		N/A	Load Pin	#N/A
44	1	788318		YAL300-44	End Chain Grip	661165883183
45	2	788380	McMaster 90576A118	TB300-30B	Lock Nut = Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread	661165883800
46	1	788393		YAL600-46	Load Pin	661165883930
47	3	788344	McMaster 90576A115	TB100-30B	Lock Nut	661165883442
48	3	788394	McMaster 91280aA546	YAL600-48	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 50 mm Long	661165883947
49	1	788395		YAL600-49	Idle Sheave	661165883954
50	1	788396		YAL600-50	Idle Shaft	661165883961
	0			N/A		
51	29	788397		Φ3X40	Needle Bearing	661165883978
	0			N/A		
52	0			N/A	Cylinder Pin	
53	1	788398	McMaster 91280A538	TB500-43A	Hex Head Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M8 x 1.25 mm Thread, 30 mm Long	661165883985
54	1	788344	McMaster 90576A115	TB100-30B	Lock Nut = Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M6 x 1 mm Thread	661165883442
55	2	788380	McMaster 90576A118	TB300-30B	Lock Nut = Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread	661165883800
56	2	788399	McMaster 91280A634	K500-53	Socket Cap Screw = Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M10 x 1.5 mm Thread, 30 mm Long	661165883992



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