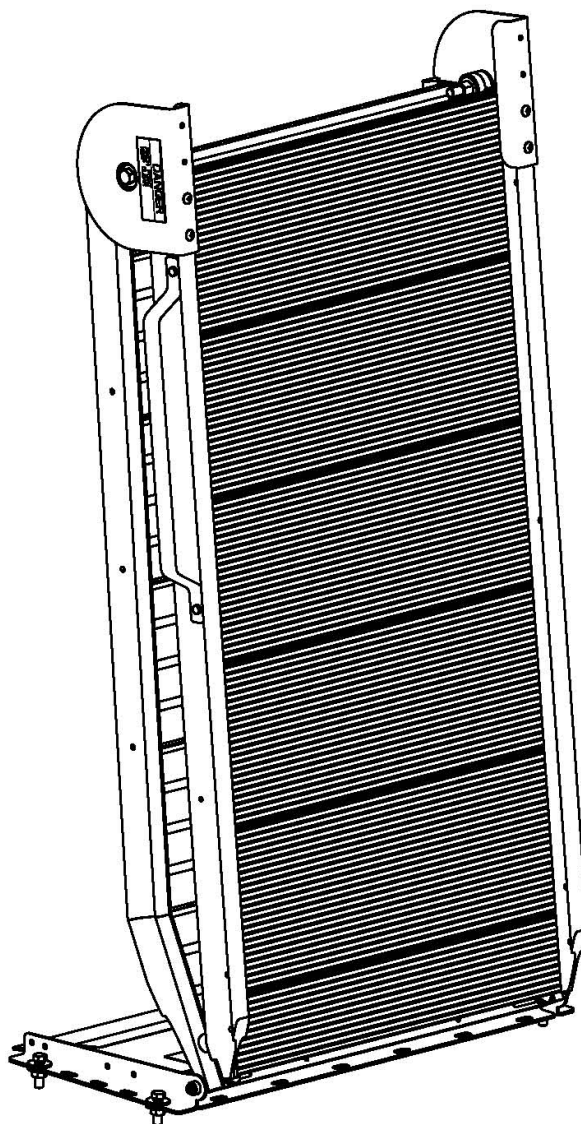




INSTALLATION INSTRUCTIONS, AND PARTS LIST

LB20 SERIES RAMPS



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**QUESTIONS?
CALL CUSTOMER
SERVICE**
1-800-248-3057
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IMPORTANT: IT IS IMPORTANT THAT THE ENTIRE INSTALLATION INSTRUCTIONS BE READ THOROUGHLY BEFORE PROCEEDING WITH RAMP INSTALLATION.

1. INTRODUCTION

Thank you for choosing a Link Cargo Management Products LB20 Ramp. We want to help you to get the best results from the ramp and to operate it safely. This manual contains information to assist you with its installation. The manual is intended solely for use with this product.

All information in this manual is based on the latest information available at the time of printing. Link Manufacturing reserves the right to change its products or manuals at any time without notice. Contact Link CMP at (800) 248-3057 for information on recent changes to products.

Damaged components should be returned to Link with a pre-arranged Returned Goods Authorization (RGA) number through the Customer Service Department. The damaged component may then be replaced if in compliance with warranty conditions.

2. SAFE WORKING PRACTICES:

CAUTION

- Wear appropriate gloves, eyeglasses, ear protection, and other safety equipment when handling parts.
- Practice safe lifting procedures. Consider size, shape, and weight of assemblies. Obtain help or the assistance of a crane when lifting heavy assemblies. Make certain the path of travel is clear.

3. INSTALLATION GUIDELINES

- 4.1. In order for this LB20 Ramp to operate properly, it must operate in the parameters specified by Link.
- 4.2. The installer must verify the Ramp is configured properly.
- 4.3. No alteration of any Link Ramp components are permitted without proper authorization from qualified Link personnel.

WARNING

- Proper tightening of fasteners is important to the performance and safety of this product.
- Make certain the vehicle is in place in park on a flat surface, and the parking brake is engaged.

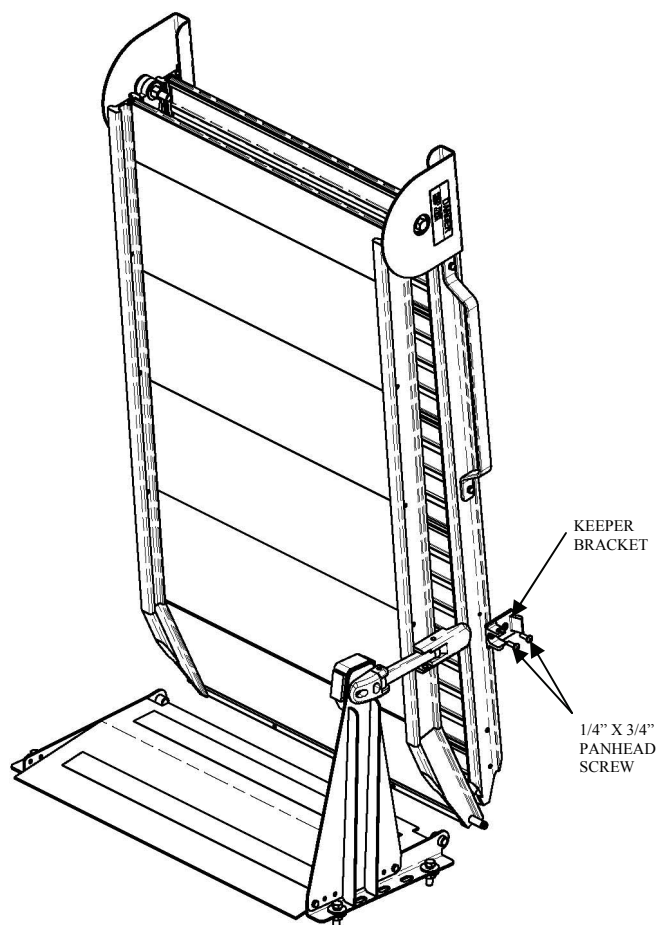
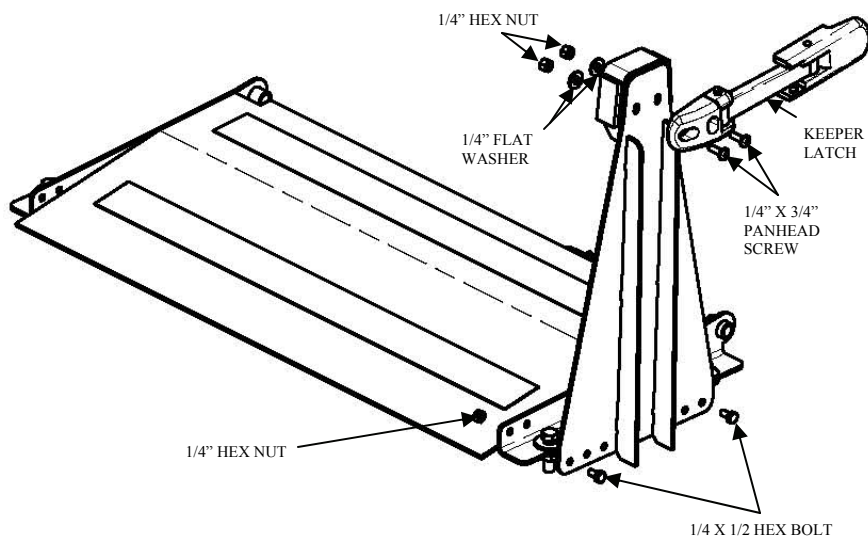
WARNING

- To insure safe operation, ramp shall not be operated without installation of pinch point guards and handles.
- See FIG 7 & 8 for proper installation procedure.

LINK® MODEL “LB20”

LATCH BRACKET ASSEMBLY (skip to Page 4 for lift assist assembly instructions)

1. Attach the Latch Bracket to the Rear Mount Plate using the two 1/4" X 1/2" Hex bolts, and the 1/4" hex nut rear hole.
2. Attach the Keeper Latch to the Bumper Plate using the two 1/4" X 3/4" Pan head screws, 1/4" Flat washers, and 1/4" hex nuts. **(See FIG. 2)**
3. Attach the Ramp to the Rear mount plate by sliding the two Hinge Pins towards the center of the Ramp aligning them to the mount plate and releasing.
4. Attach the Keeper Bracket to the side of the Ramp using the two 1/4" X 3/4" Pan head screws. **(See FIG. 3)**



LIFT ASSIST ASSEMBLY

1. Attach the Latch Mount Plate to the Rear Mount Plate using eight 1/4" X 1/2" Hex bolts, and four 1/4" hex nuts rear hole. **(See FIG. 4)**
2. Attach the Ramp to the Rear mount plate by sliding the two Hinge Pins towards the center of the Ramp aligning them to the mount plate and releasing.
3. Attach the two Tie Rods to the Latch Mount Plate and Torque Arms using the four 1/2" X 1 3/4" hex bolts and 1/2" hex nuts. **(See FIG.5)**

FIG. 4

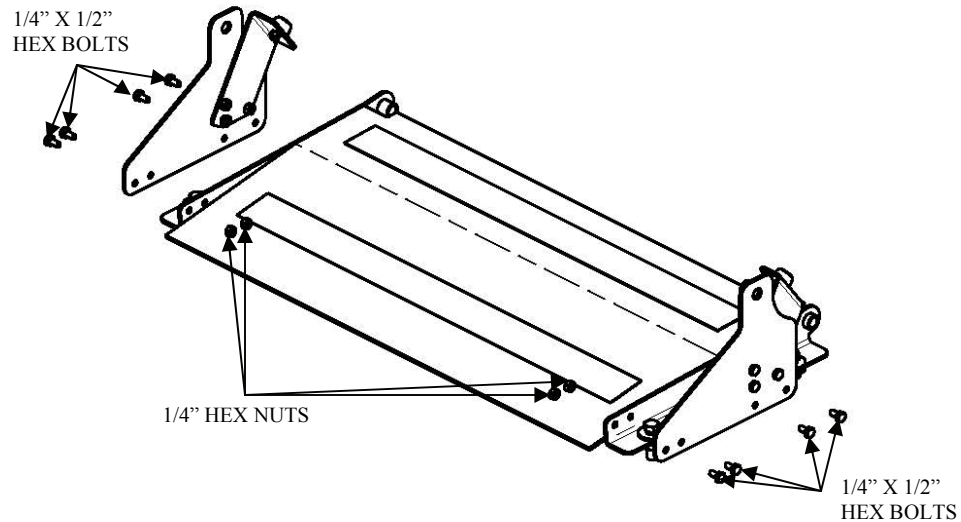
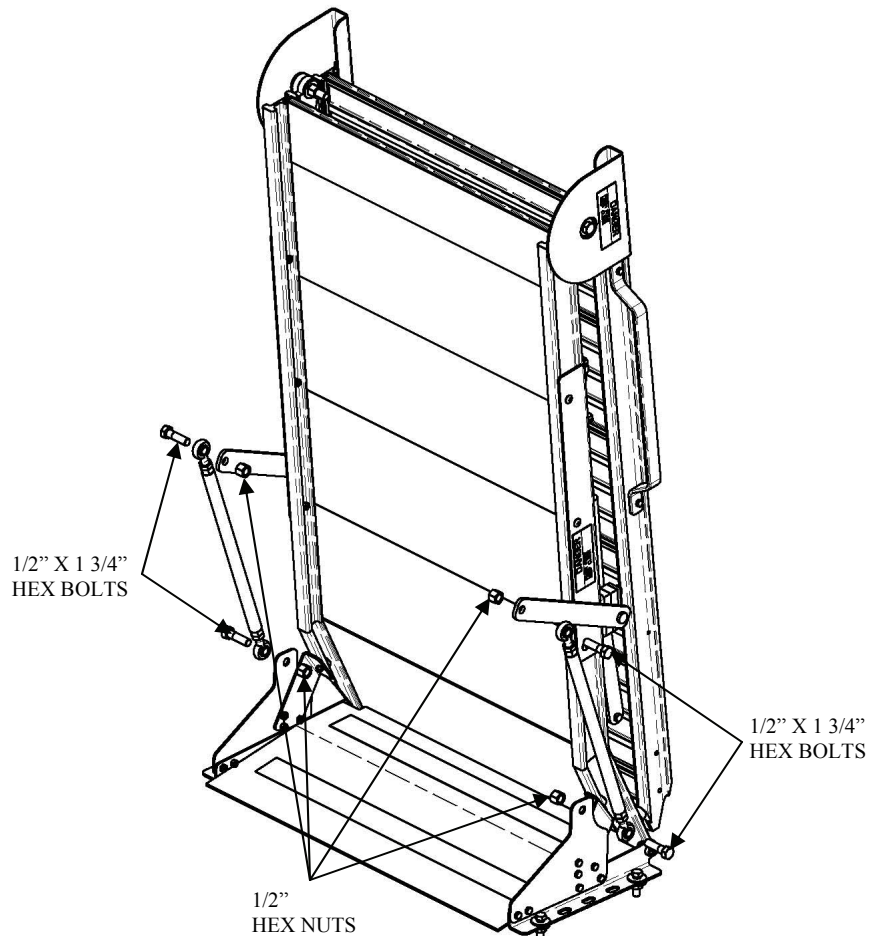


FIG. 5



RAMP INSTALLATION

Review the **Parts Lists** on **Pages 6 and 7** to become familiar with the different components of your **LB20**. Be sure all items were included before beginning assembly.

IMPORTANT: Installation of the **LB20** will vary depending on what type of vehicle you have and how you have it set up. Due to variables in different vehicles, the fit of the **LB20** should be evaluated before beginning installation.

- A. The **LB20** Ramp is shipped partially assembled. Complete the assembly of the **LB20** before beginning installation. (See **Page 3** for Latch Bracket assembly details, and **Page 4** for Lift Assist assembly details.)
- B. Before starting installation, place the **LB20** in position and check all clearance issues. Be sure there is adequate clearance between the **LB20** and the van components (doors, door opening, etc.) Remember: You will need access to both the ramp handle and the lever assisted latch if so equipped.
- C. Once positioned, locate 4 holes on the mount plate that when drilled will clear fuel tank, frame, exhaust, and other components under the floor of the van. Mark the 4 holes that are to be used for mounting the **LB20**. Slide the ramp forward into the van. **Important: Before drilling, double check that these holes are accessible and will not damage important van components. Check under van to ensure no damage will occur in that area.**
- D. Drill four 29/64" holes.
- E. Bolt the Ramp Mount Plate into place using the supplied 7/16" x 1 1/2" hex bolts, 7/16" flat washers, and 7/16" hex nuts

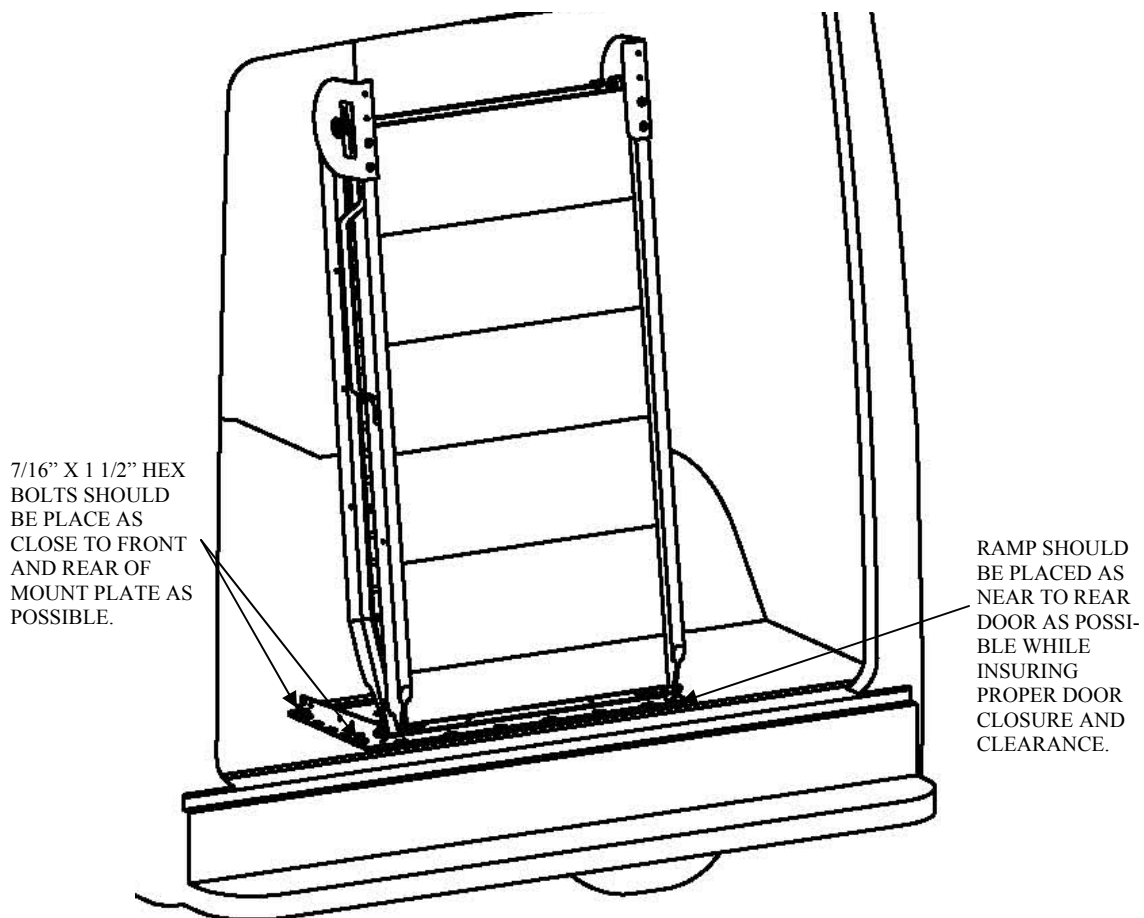
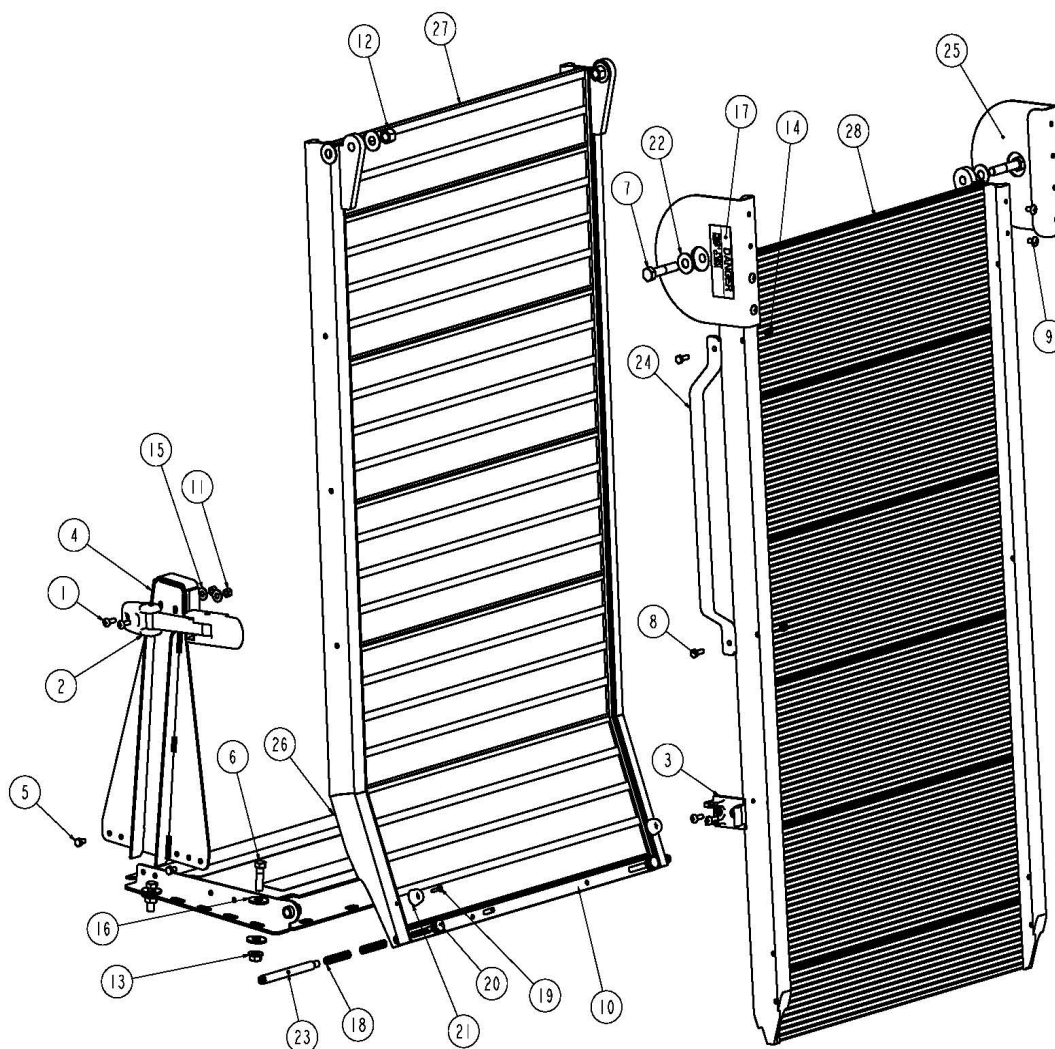
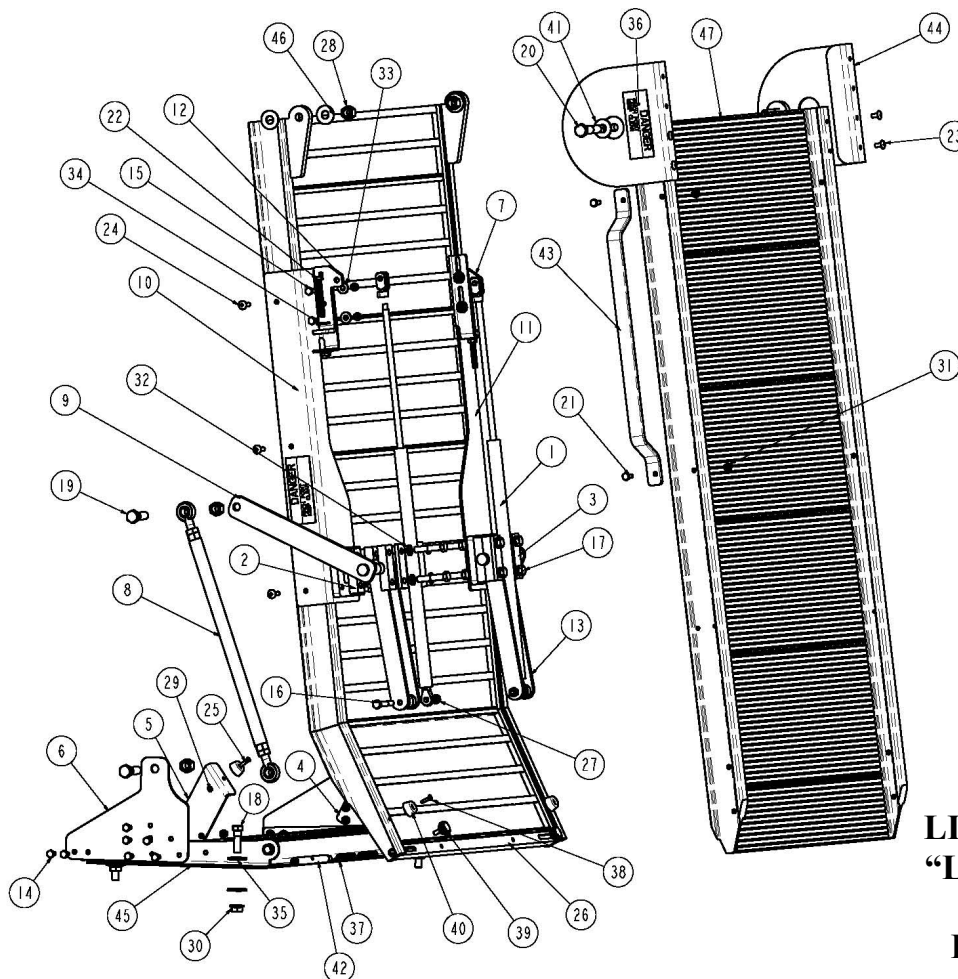


FIG. 2


**LINK® MODEL
“LB20 LATCH BRACKET”
PARTS LIST**

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	14420806	1/4 X 3/4 UNC PAN HD PH MACH SCR, ZINC	4	15	1487-0800	1/4 TYPE A PLAIN WASHER	2
2	15000913	AEROLATCH-LEVER ASSISTED (LATCH ONLY)	1	16	1487-1400	7/16 TYPE A PLAIN WASHER	8
3	15000914	KEEPER-AEROLATCH	1	17	1500-1311	DECAL-PINCH POINT	2
4	78512000	PLATE-BUMPER	1	18	1501-0001	COMPRESSION SPRING	4
5	1401-0804	1/4 X 1/2 UNC HEX CAP SCR (GR 5)	2	19	1506-0041	#10 X 3/4 SS FLAT HD TYPE B TAP SCR	2
6	1401-1412	7/16 X 1 1/2 UNC HEX CAP SCR (GR 5)	4	20	1507-0209	PLASTIC FLUTED KNOB, 1/4-20 X 9/16	2
7	1401-1620	1/2 X 2 1/2 UNC HEX CAP SCR (GR 5)	2	21	1507-0403	RUBBER-BUMPER, 1.00 O.D. X .28	2
8	1409-0806	1/4 X 3/4 UNC HEX CAP SCR, SS	2	22	1508-0112	WASHER-PLASTIC, .53 ID X 1.25 OD X .063 THK	6
9	144C-0804	1/4 X 1/2 UNC TRUSS HD PH MACH SCR, SS	4	23	7000-0034	BOLT-HINGE ARM	2
10	1450-0806	ROLL PIN, 1/4 X 3/4, PLAIN FINISH	2	24	7850-0004	HANDLE-LB10	1
11	1478-0800	1/4 UNC HEX NYLOCK NUT (GR B)	2	25	7850-3005	GUARD-PINCH POINT	2
12	1478-1600	1/2 UNC HEX NYLOCK NUT (GR B)	2	26		PLATE-MOUNT, REAR	1
13	1480-1400	7/16 UNC SERRATED FLANGE NUT	4	27		DECK-UPPER	1
14	1484-0810	1/4 UNC HEX CTR LOCK NUT, SS	3	28		DECK-LOWER	1

FIG. 3


**LINK® MODEL
“LB20 LIFT AS-
SIST”
PARTS LIST**

ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1		ASSEMBLY- GAS SPRING	2	25	144G0B06	10-24 X 3/4 OVAL HD MACH SCR-SS	2
2	78420015	BEARING - HALF	8	26	1450-0806	ROLL PIN, 1/4 X 3/4, PLAIN FINISH	2
3	78420016	CAP - BEARING	4	27	1478-1000	5/16 UNC HEX NYLOCK NUT (GR B)	2
4	78420023	BRACKET - BUMPER	1	28	1478-1600	1/2 UNC HEX NYLOCK NUT (GR B)	6
5	78420026	BRACKET - BUMPER	1	29	1478-0800	10-24 UNC HEX NYLOCK NUT (GR B)	2
6	78420028	PLATE-MOUNT, LATCH	2	30	1480-1400	7/16 UNC SERRATED FLANGE NUT	4
7	78425103	PLATE-SPRING, ADJUSTER	1	31	1484-0810	1/4 UNC HEX CTR LOCK NUT, SS	22
8	78425104	ASSEMBLY-TIE ROD	2	32	1485-1200	3/8 LOCK WASHER	8
9	78425105	ARM - TORQUE, LEFT	1	33	1487-0800	1/4 TYPE A PLAIN WASHER	4
10	78425106	WELDMENT-SPRING MOUNT, LEFT	1	34	1487-1000	5/16 TYPE A PLAIN WASHER	2
11	78425107	WELDMENT-SPRING MOUNT, RIGHT	1	35	1487-1400	7/16 TYPE A PLAIN WASHER	8
12	78425108	PLATE-SPRING, ADJUSTER	1	36	1500-1311	DECAL-PINCH POINT	4
13	78425109	ARM - TORQUE, RIGHT	1	37	1501-0001	COMPRESSION SPRING	4
14	1401-0804	1/4 X 1/2 UNC HEX CAP SCR (GR 5)	14	38	1506-0041	#10 X 3/4 SS FLAT HD TYPE B TAP SCR	2
15	1401-0806	1/4 X 3/4 UNC HEX CAP SCR (GR 5)	4	39	1507-0209	PLASTIC FLUTED KNOB, 1/4-20 X 9/16	2
16	1401-1018	5/16 X 2 1/4 UNC HEX CAP SCR (GR 5)	2	40	1507-0403	RUBBER-BUMPER, 1.00 O.D. X .28	4
17	1401-1216	3/8 X 2 UNC HEX CAP SCR (GR 5)	8	41	1508-0112	WASHER-PLASTIC, .53 ID X 1.25 OD X.063 THK	6
18	1401-1412	7/16 X 1 1/2 UNC HEX CAP SCR (GR 5)	4	42	7000-0034	BOLT-HINGE ARM	2
19	1401-1614	1/2 X 1 3/4 UNC HEX CAP SCR (GR 5)	4	43	7850-0004	HANDLE-LB10	1
20	1401-1620	1/2 X 2 1/2 UNC HEX CAP SCR (GR 5)	2	44	7850-3005	GUARD-PINCH POINT	2
21	1409-0806	1/4 X 3/4 UNC HEX CAP SCR, SS	2	45		PLATE-MOUNT, REAR	1
22	141C1020	5/16 X 2 1/2 UNC HEX FULL THREAD CAP SCR (GR 5)	2	46		DECK-UPPER	1
23	144C-0804	1/4 X 1/2 UNC TRUSS HD PH MACH SCR, SS	4	47		DECK-LOWER	1



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