

LINK[®]

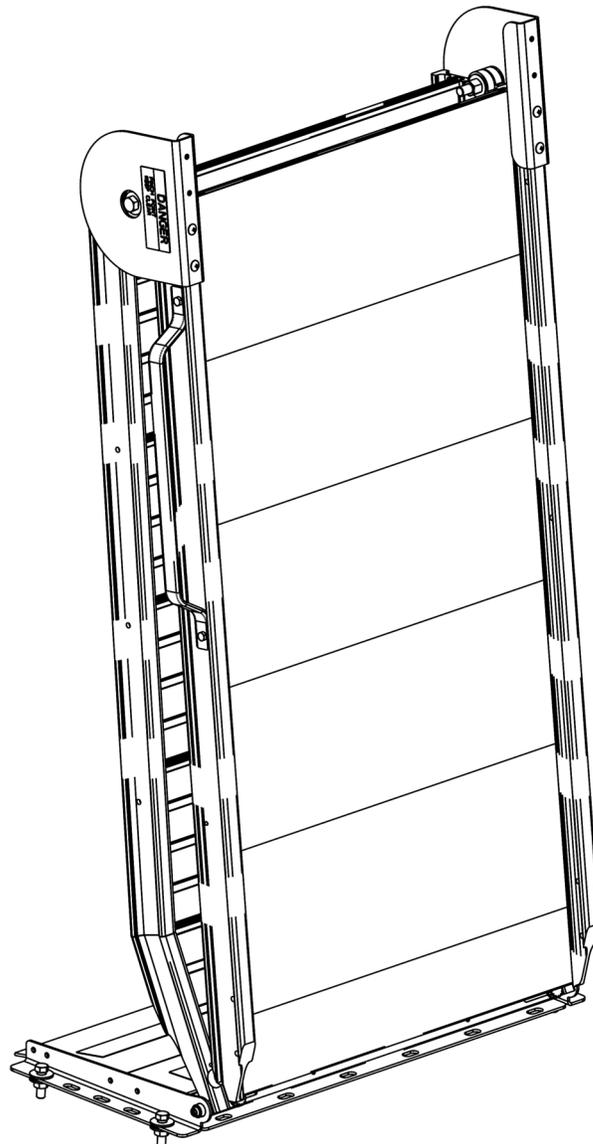
**Cargo
Management**

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**QUESTIONS?
CALL CUSTOMER
SERVICE
1-800-222-6283**

INSTALLATION INSTRUCTIONS

LB20 SERIES RAMPS



IMPORTANT: IT IS IMPORTANT THAT THE ENTIRE INSTALLATION INSTRUCTIONS BE READ THOROUGHLY BEFORE PROCEEDING WITH RAMP INSTALLATION.

WARNING

Link products must be installed by a trained technician when being placed into an Electric Vehicle (EV). Electric Vehicles have higher voltage batteries and cables, and drilling into Electric Vehicles may cause serious bodily harm and possibly death.

Note: Link is not responsible for optional configurations or equipment that restrict the installation of the product in any way. Consult OEM body builder guides for additional installation guidelines.

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

3.1. In order for this LB 20 Ramp to operate properly, it must operate in the parameters specified by Link.

3.2. The installer must verify the Ramp is configured properly.

3.3. 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 placed in park on a flat surface, and the parking brake is engaged.

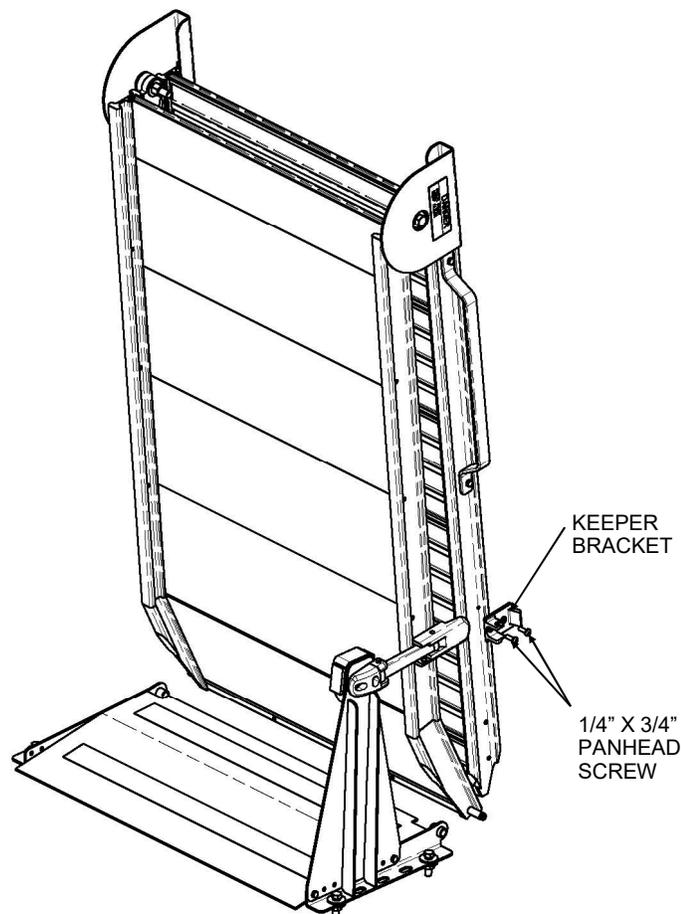
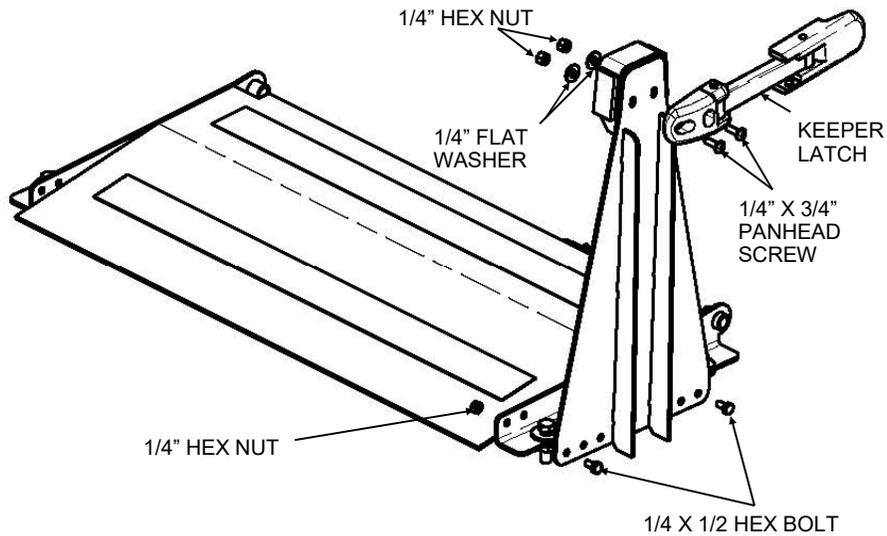
WARNING

- To insure safe operation, ramp shall not be operated without installation of pinch point guards and handles.
- See FIG 8 & 9 for proper installation procedure.

LINK® MODEL “LB20”

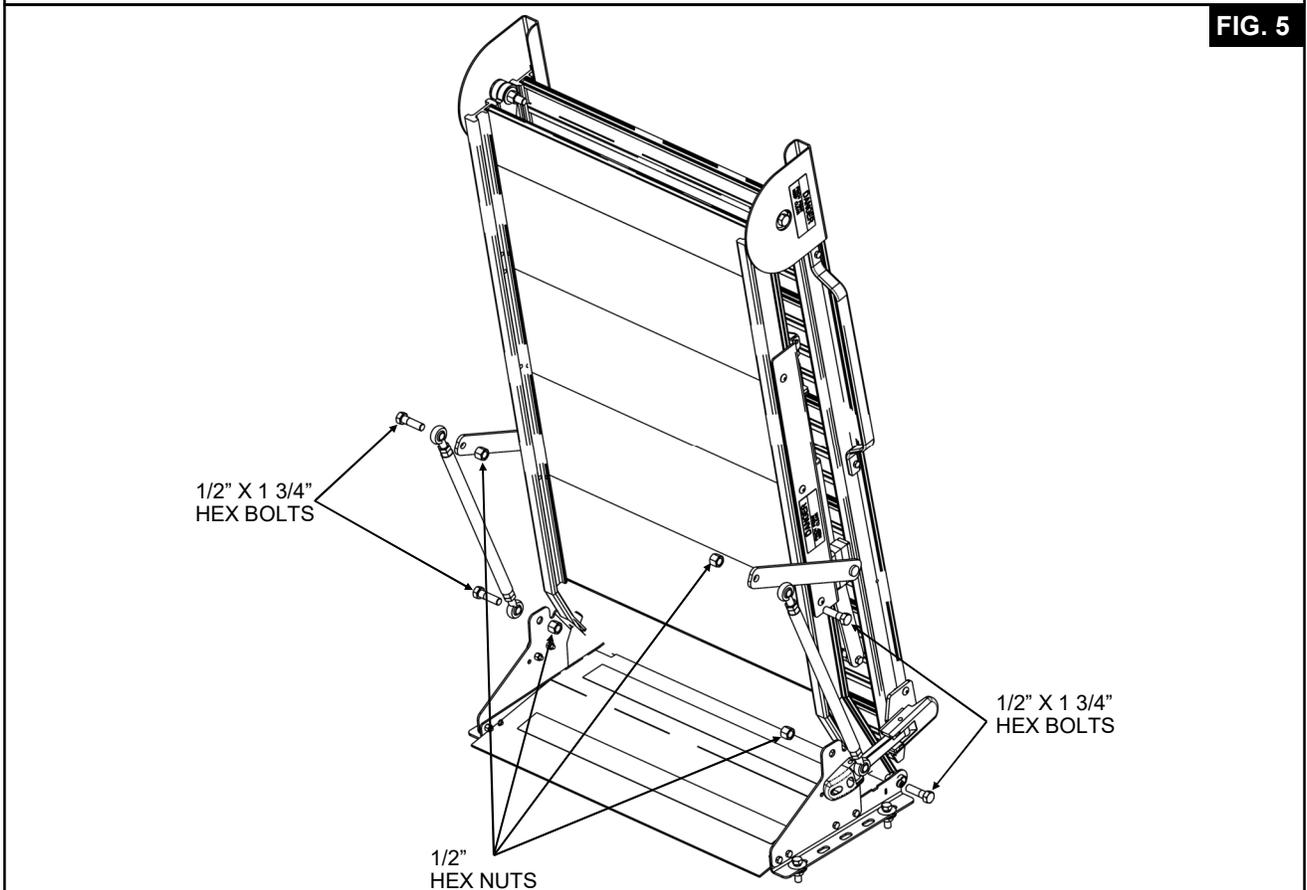
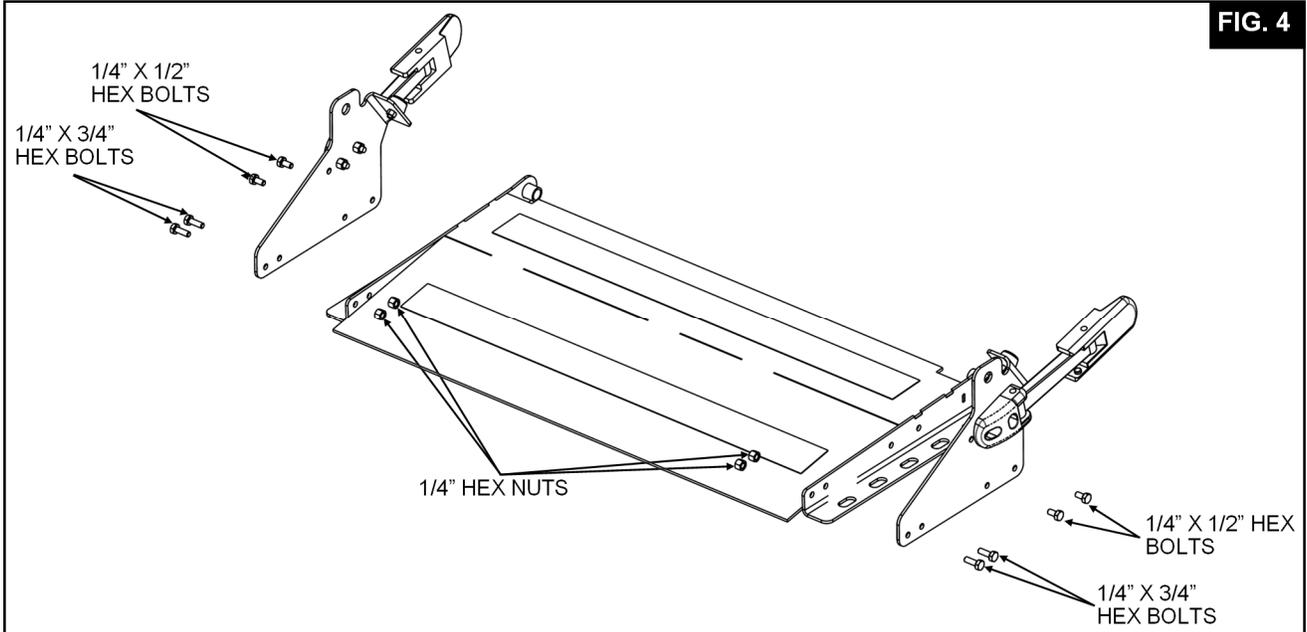
LATCH BRACKET ASSEMBLY (skip to Page 4 for lift assist assembly instructions)

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)**

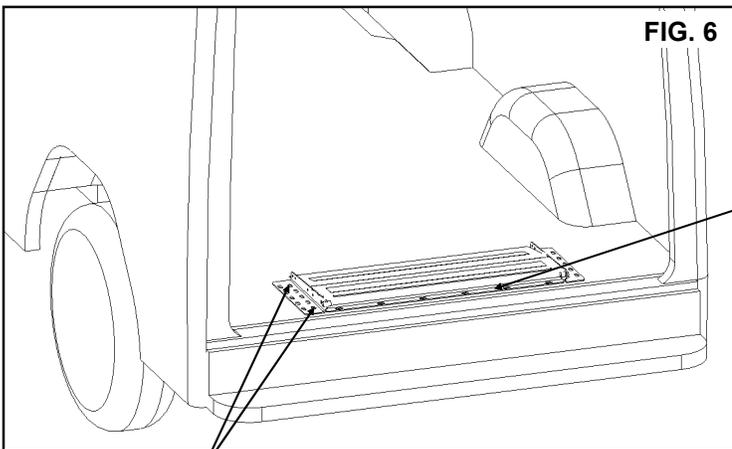


RAMP INSTALLATION

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. **Some vehicles with a spare tire winch hoist will have a crank insert location in the rear of the vehicle. Do not mount the ramp plate over this feature unless losing access to it is acceptable in your application.**

- 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, mark the 4 slots to be used for mounting the ramp as indicated in **FIG. 6**. For ProMaster and Transit vans see **FIG. 7**. Set aside the ramp and the mount plate. **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
- F. Confirm smooth operation and clearances.

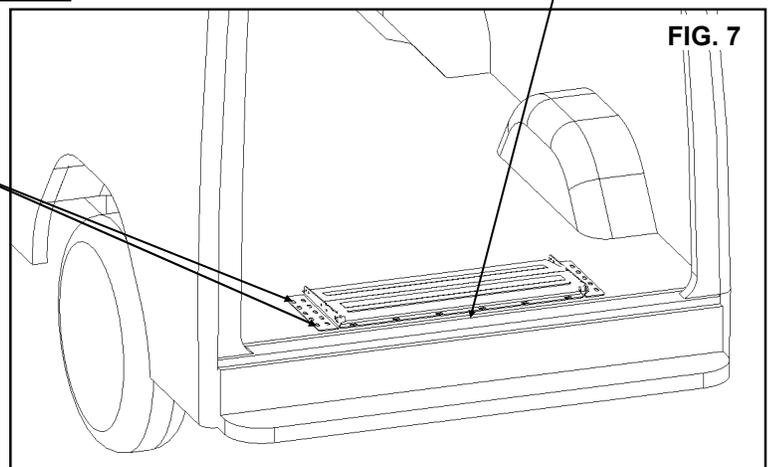


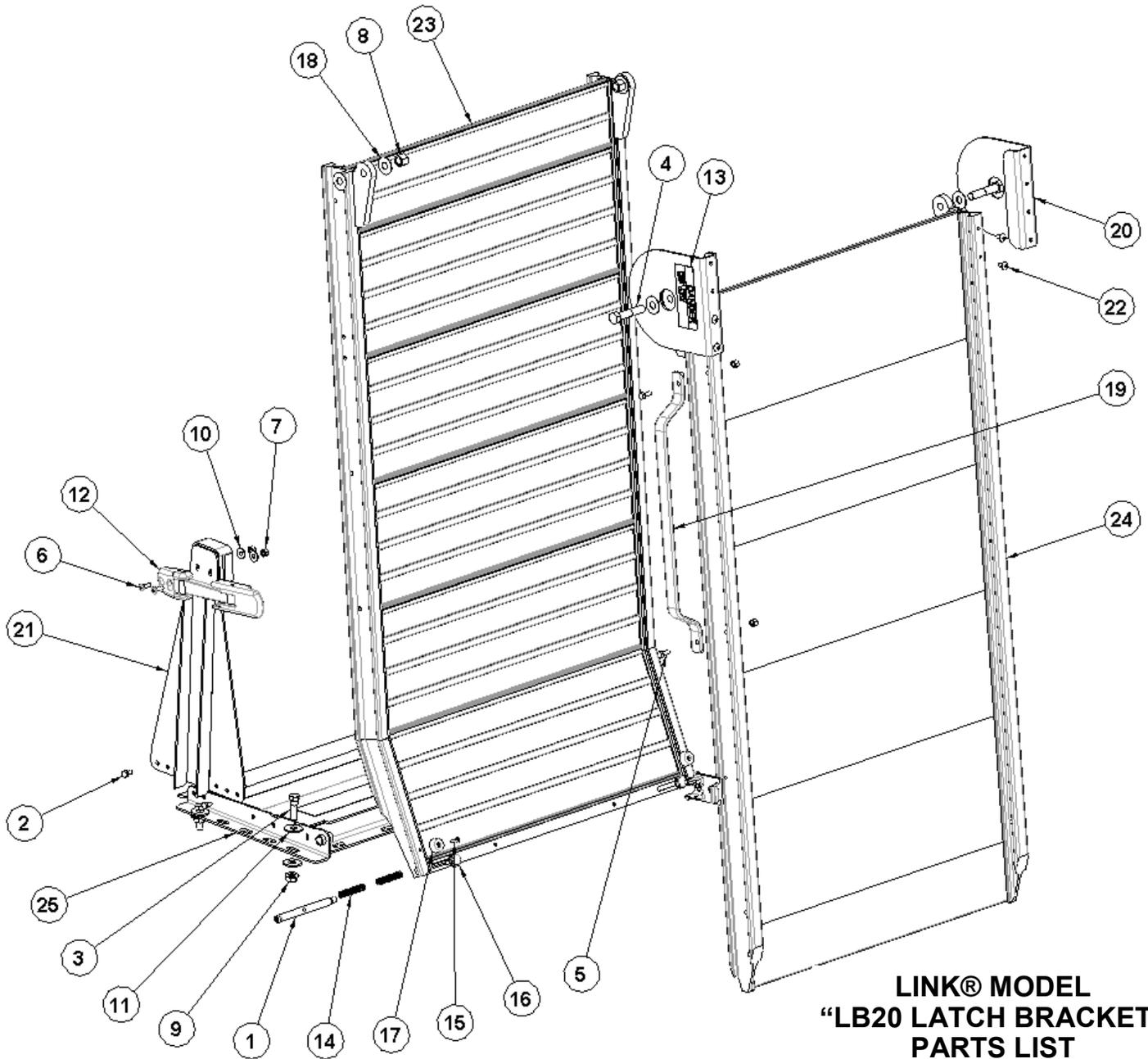
RAMP SHOULD BE PLACED AS NEAR TO REAR DOOR AS POSSIBLE WHILE INSURING PROPER DOOR CLOSURE AND CLEARANCE.

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7/16" X 1 1/2" HEX BOLTS SHOULD BE PLACE AS CLOSE TO FRONT AND REAR INNER MOUNTING SLOTS OF MOUNT PLATE AS POSSIBLE.

7/16" X 1 1/2" HEX BOLTS SHOULD BE PLACE AS CLOSE TO FRONT AND REAR OUTER MOUNTING SLOTS OF MOUNT PLATE AS POSSIBLE.

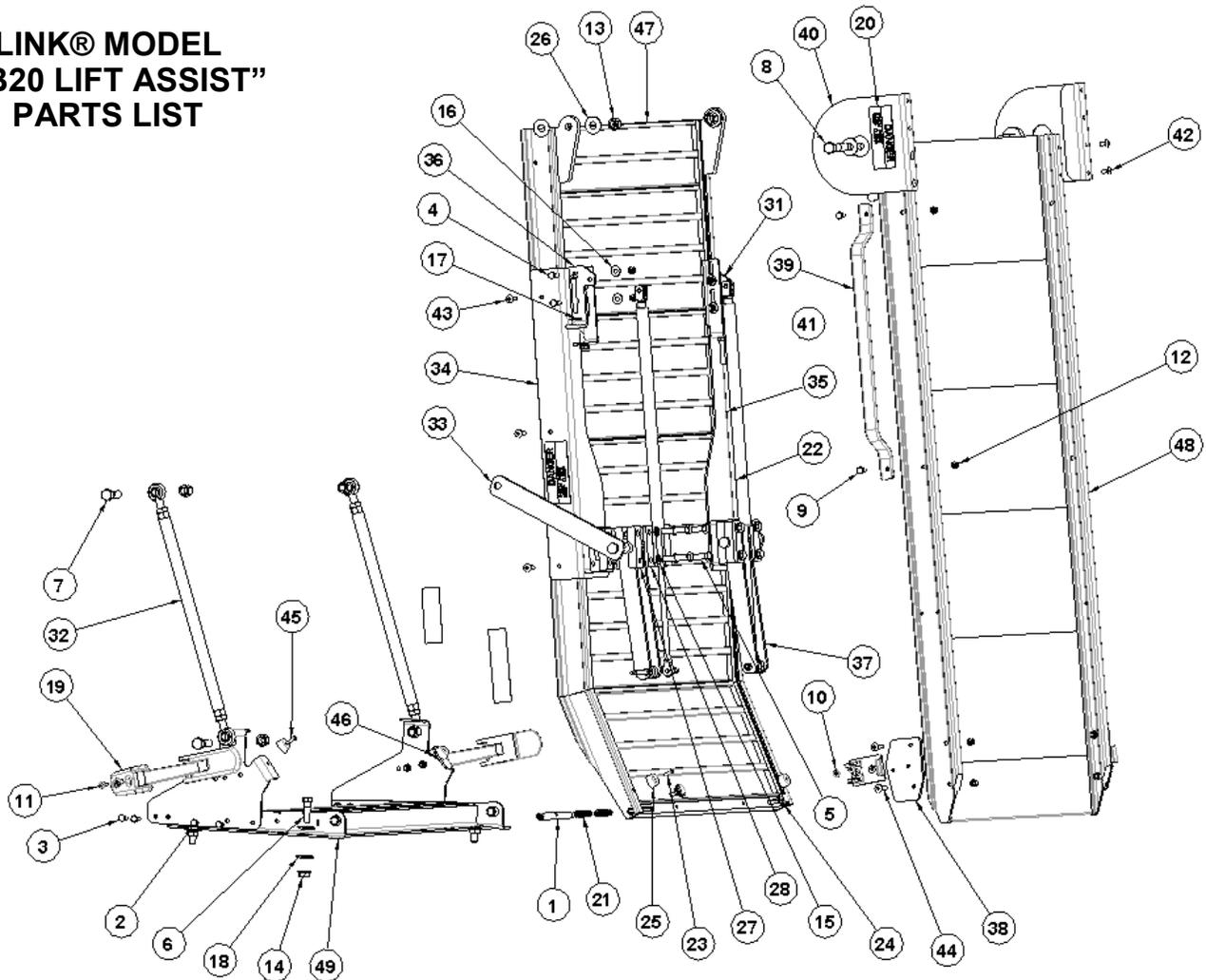




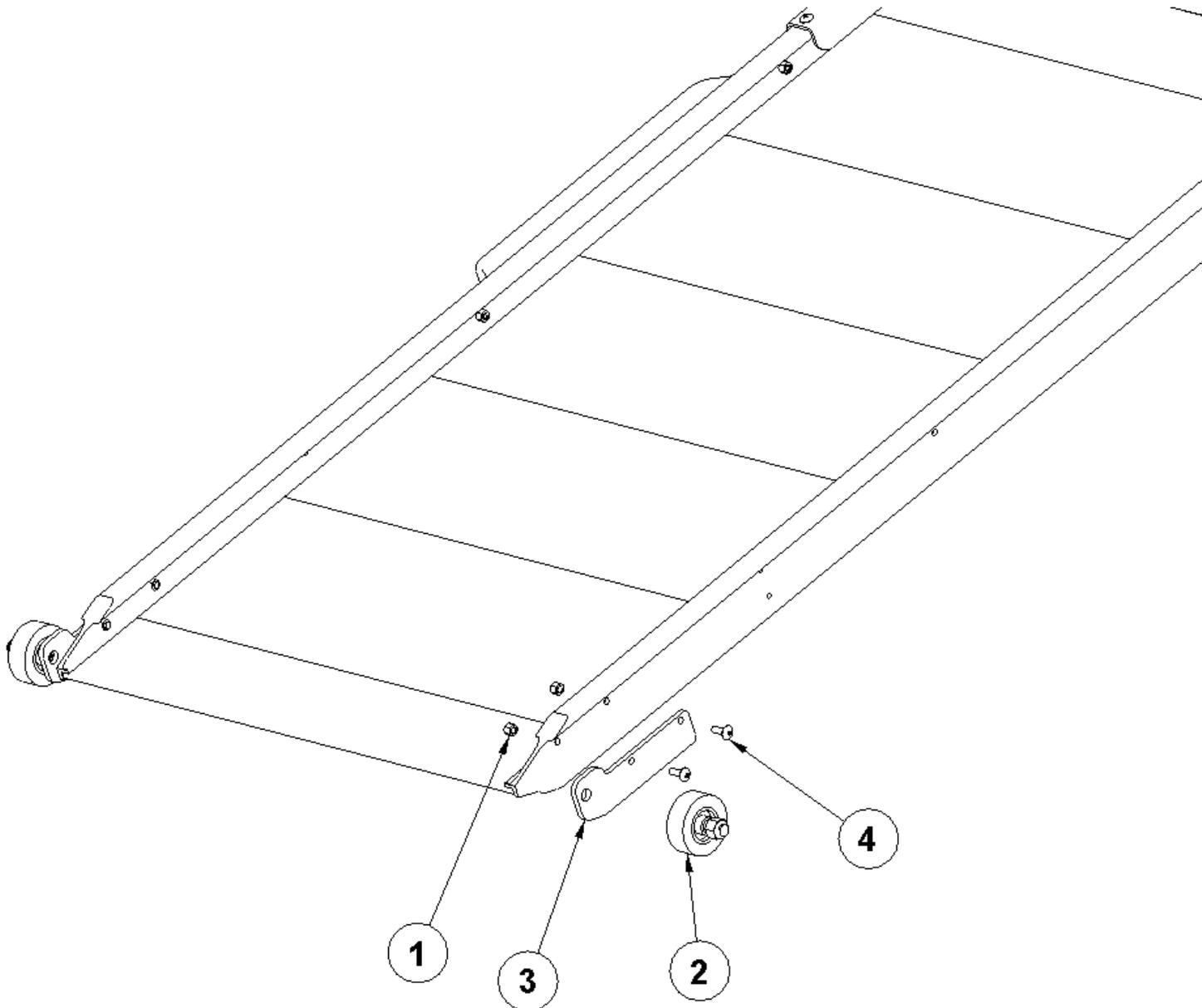
**LINK® MODEL
"LB20 LATCH BRACKET"
PARTS LIST**

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	BOLT-HINGE ARM	2	14	COMPRESSION SPRING	4
2	1/4 X 1/2 UNC HEX CAP SCR	2	15	#10 X 3/4 SS FLAT HD TYPE B TAP SCR	2
3	7/16 X 1 1/2 UNC HEX CAP SCR	4	16	PLASTIC FLUTED KNOB, 1/4-20 X 9/16	2
4	1/2 X 2 1/2 UNC HEX CAP SCR	2	17	RUBBER-BUMPER, 1.00 O.D. X .28	2
5	1/4 X 3/4 UNC HEX CAP SCR	2	18	WASHER-PLASTIC, .53 ID X 1.25 OD X .063 THK	6
6	1/4 X 3/4 UNC PAN HD PH MACH SCR	2	19	HANDLE-LB10	1
7	1/4 UNC HEX NYLOCK NUT	5	20	GUARD-PINCH POINT	2
8	1/2 UNC HEX NYLOCK NUT	2	21	PLATE-BUMPER	1
9	7/16 UNC SERRATED FLANGE NUT	4	22	1/4 X 1/2 UNC TRUSS HD PH MACH SCR	4
10	1/4 TYPE A PLAIN WASHER	2	23	DECK-UPPER	1
11	7/16 TYPE A PLAIN WASHER	8	24	DECK-LOWER	1
12	AEROLATCH-LEVER ASSISTED	1	25	PLATE - MOUNT, REAR	1
13	DECAL-PINCH POINT	2	-	-	-

**LINK® MODEL
“LB20 LIFT ASSIST”
PARTS LIST**



ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY
1	BOLT-HINGE ARM	2	26	WASHER-PLASTIC, .53 ID X 1.25 OD X.063 THK	6
2	1/4 X 1/2 UNC HEX CAP SCR	4	27	BEARING - HALF	8
3	1/4 X 3/4 UNC HEX CAP SCR	4	28	CAP - BEARING	4
4	1/4 X 1 UNC HEX CAP SCR	4	29	MOUNT PLATE-LATCH, RIGHT HAND	1
5	3/8 X 2 UNC HEX CAP SCR	8	30	MOUNT PLATE-LATCH, LEFT HAND	1
6	7/16 X 1 1/2 UNC HEX CAP SCR	4	31	PLATE-SPRING, ADJUSTER	1
7	1/2 X 1 3/4 UNC HEX CAP SCR	4	32	ASSEMBLY-TIE ROD	2
8	1/2 X 2 1/2 UNC HEX CAP SCR	2	33	ARM - TORQUE, LEFT	1
9	1/4 X 3/4 UNC HEX CAP SCR	2	34	WELDMENT-SPRING MOUNT, LEFT	1
10	1/4 X 3/8 UNC PAN HD PH MACH SCR	4	35	WELDMENT-SPRING MOUNT, RIGHT	1
11	1/4 X 3/4 UNC PAN HD PH MACH SCR	4	36	PLATE-SPRING, ADJUSTER	1
12	1/4 UNC HEX NYLOCK NUT	24	37	ARM - TORQUE, RIGHT	1
13	1/2 UNC HEX NYLOCK NUT	6	38	PLATE-MOUNT, STOWAGE LATCH	2
14	7/16 UNC SERRATED FLANGE NUT	4	39	HANDLE-LB10	1
15	3/8 LOCK WASHER	8	40	GUARD-PINCH POINT	2
16	1/4 TYPE A PLAIN WASHER	4	41	5/16 X 2 1/2 UNC HEX FULLY THREADED CAP SCR	2
17	5/16 TYPE A PLAIN WASHER	2	42	1/4 X 1/2 UNC TRUSS HD PH MACH SCR	4
18	7/16 TYPE A PLAIN WASHER	8	43	1/4 X 1 UNC TRUSS HD PH MACH SCR	6
19	AEROLATCH-LEVER ASSISTED	2	44	1/4 X 1 1/4 UNC TRUSS HD PH MACH SCR	4
20	DECAL-PINCH POINT	4	45	10-24 X 3/4 OVAL HD MACH SCR	2
21	COMPRESSION SPRING	4	46	10-24 UNC HEX NYLOCK NUT	2
22	ASSEMBLY- GAS SPRING	2	47	DECK-UPPER	1
23	#10 X 3/4 SS FLAT HD TYPE B TAP SCR	2	48	DECK-LOWER	1
24	PLASTIC FLUTED KNOB, 1/4-20 X 9/16	2	49	PLATE - MOUNT, REAR	1
25	RUBBER-BUMPER, 1.00 O.D. X .28	4	-	-	-



**LINK® MODEL
"LB20 WHEEL KIT"
PARTS LIST**

ITEM	DESCRIPTION	QTY
1	1/4 UNC HEX NYLOCK NUT	4
2	ROLLER-IDLER,ASSEMBLY	2
3	MOUNT, SUPPORT WHEEL	2
4	1/4 X 3/4 UNC TRUSS HD PH MACH SCR	4



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