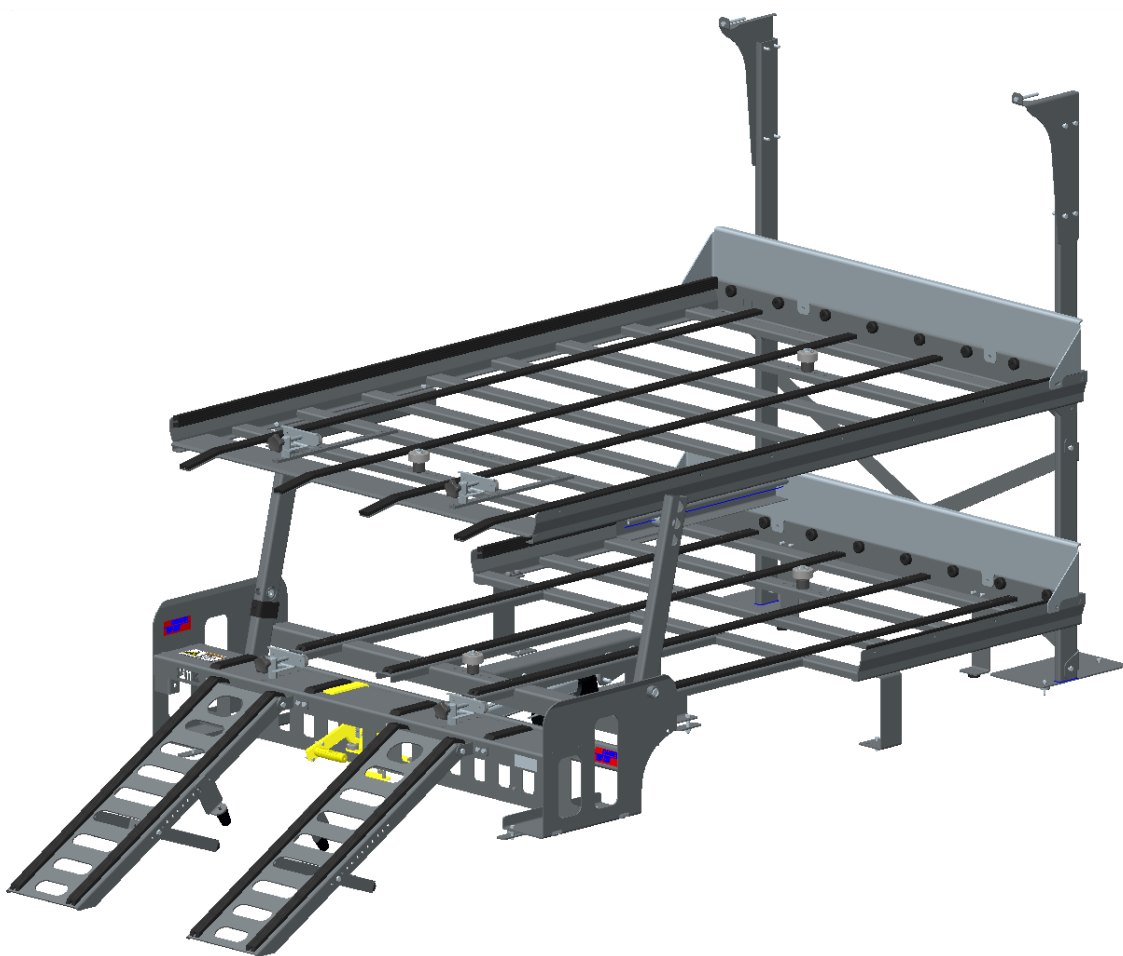


# Link<sup>®</sup> MORTUARY EQUIPMENT

# INSTALLATION INSTRUCTIONS

## DD4000 (7225D001)



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Sioux Center, IA USA  
51250-2120  
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**QUESTIONS?  
CALL CUSTOMER  
SERVICE  
1-800-248-3057**

The **Link DD4000** fits 2013 and newer Nissan NV vans.

Link Mortuary Equipment, a division of Link Mfg., Ltd.  
[www.linkmortuaryequipment.com](http://www.linkmortuaryequipment.com)

72250068  
AUG 3, 2023

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







## 1. INTRODUCTION

Thank you for choosing a Link Mortuary Equipment DD4000. We want to help you get the best results from this deck system and to operate it safely. This manual contains information to assist in the installation and operation of your Link Mortuary Equipment DD4000. This instruction is intended solely for use with this product.

All information in this instruction 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.


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


## 2. SAFETY SYMBOLS, TORQUE SYMBOL, and NOTES


 <b>DANGER</b>	<b>DANGER</b> indicates a hazardous situation which if not avoided, will result in death or serious injury.
 <b>WARNING</b>	<b>WARNING</b> indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
 <b>CAUTION</b>	<b>CAUTION</b> indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.
 <b>NOTICE</b>	<b>NOTICE</b> indicates a potentially hazardous situation which, if not avoided, may result in property damage.
 <b>TORQUE</b>	<b>TORQUE</b> indicates named fasteners are to be tightened to a specified torque value.
<b>NOTE:</b>	A Note provides information or suggestions that help you correctly perform a task.
	The electrical symbol indicates the presence of electric shock hazards which, if not avoided, may result in injury to personnel or damage to equipment.

## 3. SAFE WORKING PRACTICES

 **CAUTION** When handling parts, wear appropriate gloves, eyeglasses, ear protection, and other safety equipment.


 **CAUTION** Practice safe lifting procedures.

 **CAUTION** The deck weldments are heavy, and can cause injury if lifted improperly or dropped. Consider size, shape, and weight of objects being moved.

 **CAUTION** Obtain help or the assistance of a crane when lifting heavy assemblies. Make certain the path of travel is clear.

## 4. OPERATION GUIDELINES

- 4.1. Vehicle must have a bulkhead installed contact Link Mortuary Equipment at (800)-248-3057 to order one if your vehicle is not equipped with one.
- 4.2. In order for this deck to operate properly, it must operate in the parameters specified by Link.
- 4.3. The installer must verify the vehicle is configured properly for the deck being added.
- 4.4. No alterations of any Link deck component is permitted without proper authorization from qualified Link personnel.
- 4.5. No welding of any deck component is permitted except when specified by Link.

 **CAUTION** The vehicle manufacturer should be consulted before any modifications are made to the frame of the vehicle.

 **CAUTION** Cutting or altering the frame in certain areas may affect the manufacturer's warranty.

 **WARNING** Proper tightening of fasteners is important to the performance and safety of the deck.

 **WARNING** Improperly tightened fasteners may cause unsafe conditions and accelerate wear .

## 5. PRE-INSTALLATION CHECKLIST

- ☐ Make certain the vehicle is placed on a level flat surface and that the parking brake is engaged.

**⚠ WARNING** ⚠ Follow the vehicle manufacturer recommendations located in the owner's manual pertaining to accidental air bag deployment whenever performing service on system wiring.

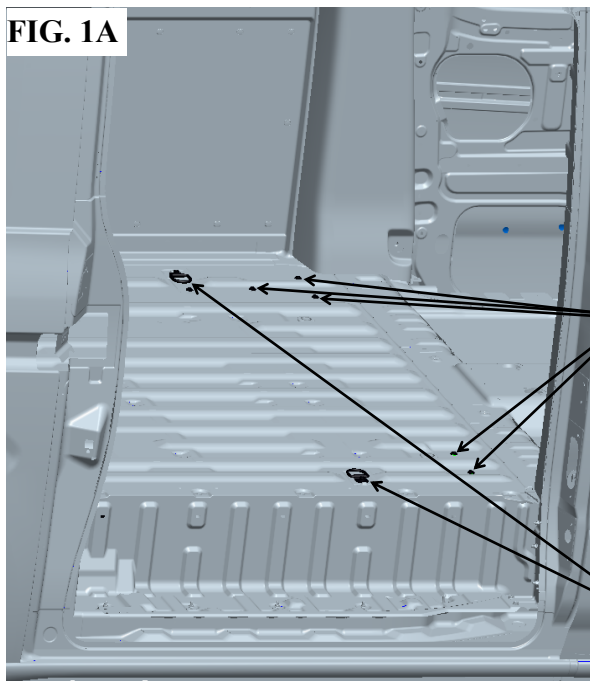
**⚠ WARNING** ⚠ If in doubt, contact the vehicle manufacturer.

## 6. INSTALLATION PROCEDURE

The following steps are instructions for installing the DD4000C system. Refer to pictures and **Parts Lists** for details.

- 6.1 Remove the rear cargo mat, the six rear cargo loops, five specified bolts, and jack and hardware mounting brackets. **(FIG. 1)**

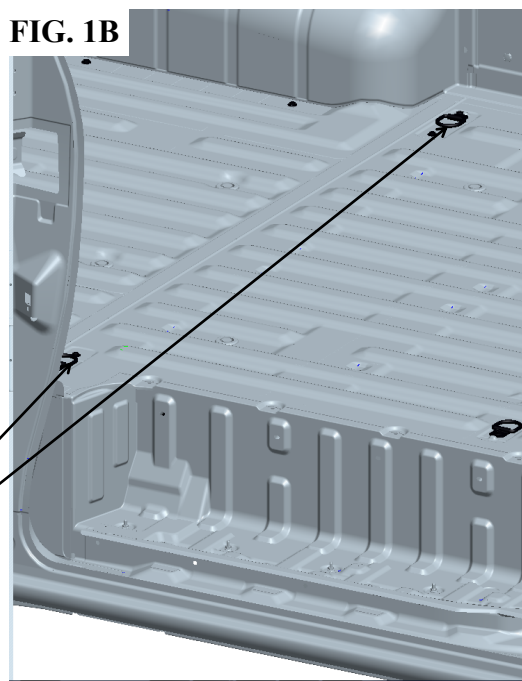
**FIG. 1A**



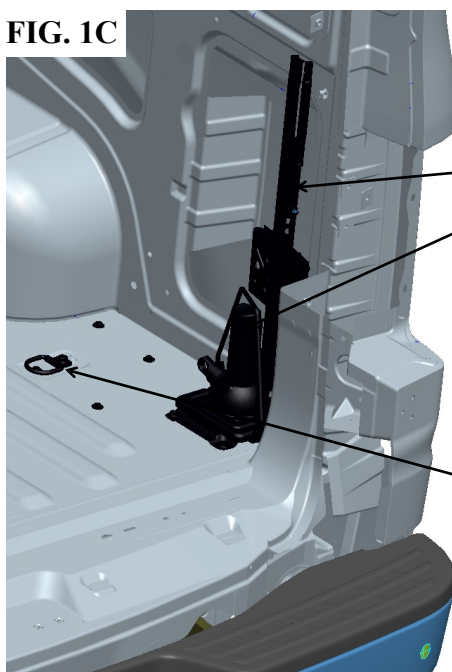
Remove all  
five bolts

Remove  
cargo loops

**FIG. 1B**



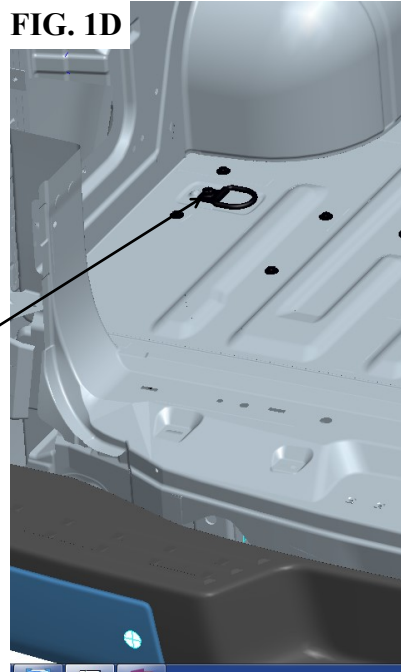
**FIG. 1C**



Remove  
jack and  
hardware

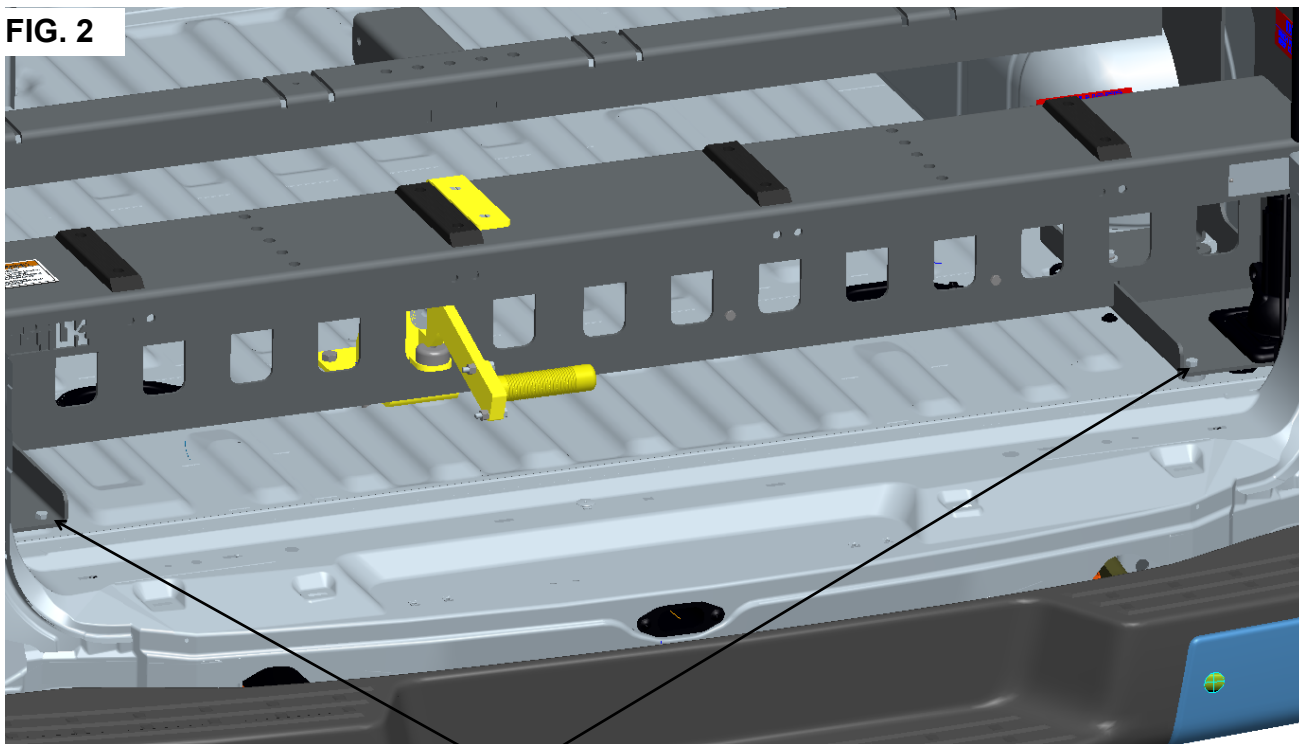
Remove  
cargo loops

**FIG. 1D**



## 6. INSTALLATION PROCEDURE (CONT')

**FIG. 2**



Drill two 3/8" holes and paint raw edges with etching primer

- 6.2 Set the main rear weldment in place. Center it about the 2 cargo loop holes. Loosely install the two supplied 8mm bolts and washers. Square the rear section with the rear of the van and tighten bolts. DO NOT OVER TIGHTEN.
- 6.3 Drill two 3/8" holes into floor for rear mount tie downs. (FIG. 2)
- 6.4 Tighten into place DO NOT OVER TIGHTEN

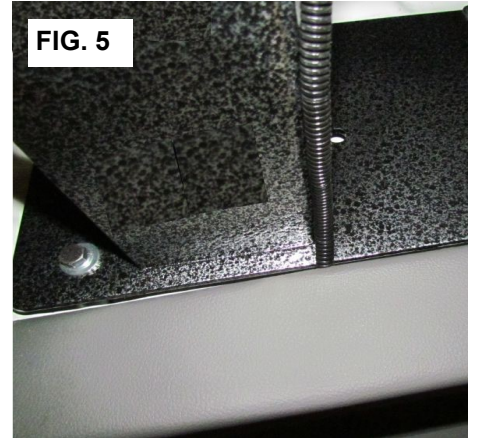
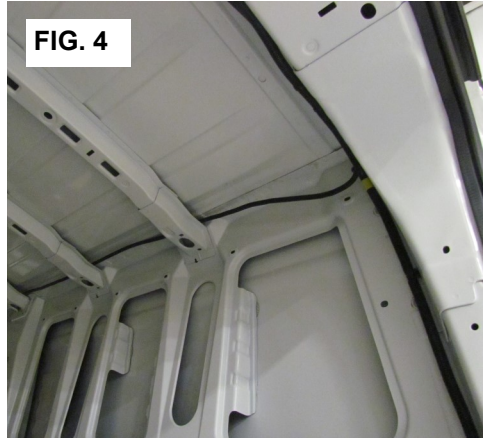
FASTENER TORQUE TABLE	
FASTENER	TORQUE
1/4-UNC NUTS	10-15 FT-LBS
M8 X 1.25 BOLTS	20-25 FT-LBS
5/16-UNC NUTS	20-25 FT-LBS
3/8-UNC NUTS	35-40 FT-LBS
7/16-UNC NUTS	55-60 FT-LBS

## 6. INSTALLATION PROCEDURE (CONT')

### 6.5 Wiring: part 1

6.5.1 Using the supplied self tapping screw attach the black ground to the vehicle using the prewired ring terminal.

6.5.2 String the system's red power wire from the switch (located on the lower deck on the drivers side) up the rear pillar to the roof. **(FIG. 3)** Then follow the existing wire loom across the rear of van to the passenger side and up to the front mount bracket behind the passenger seat. **(FIG. 4)**

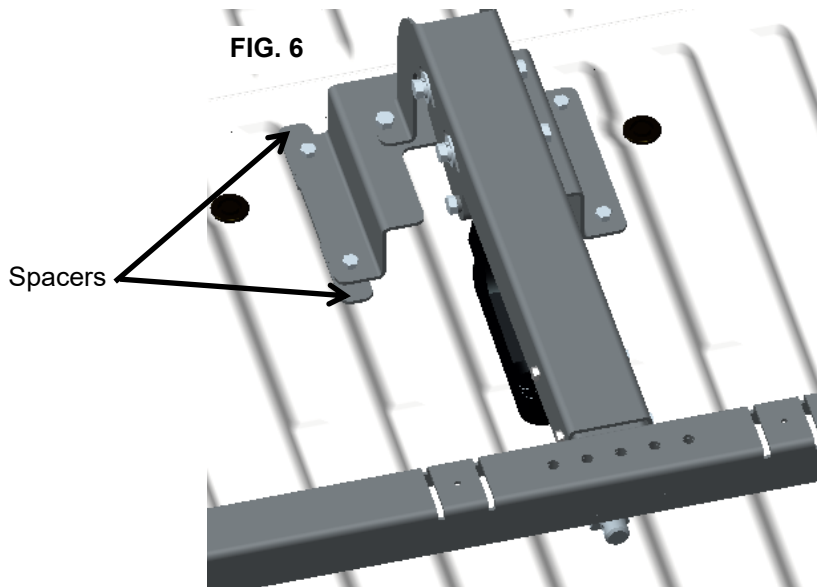


6.5.3 Then run the wire to the floor attaching it to the front mount bracket using the supplied plastic loops.

6.5.4 Route the wire through the plastic step cover to the rubber grommet behind the b-pillar on the passengers side . Then route it along the frame and to the front of vehicle being sure that it is clear of moving parts and heat sources. **(FIG. 5)**

**Do not attach to power supply at this time.**

6.6 Attach the channel with the actuator (loosely pre-installed) to the rear weldment using the 4 provided fasteners. Drill (4x) 29/64" holes through the floor and mount in place. **(FIG. 6)**

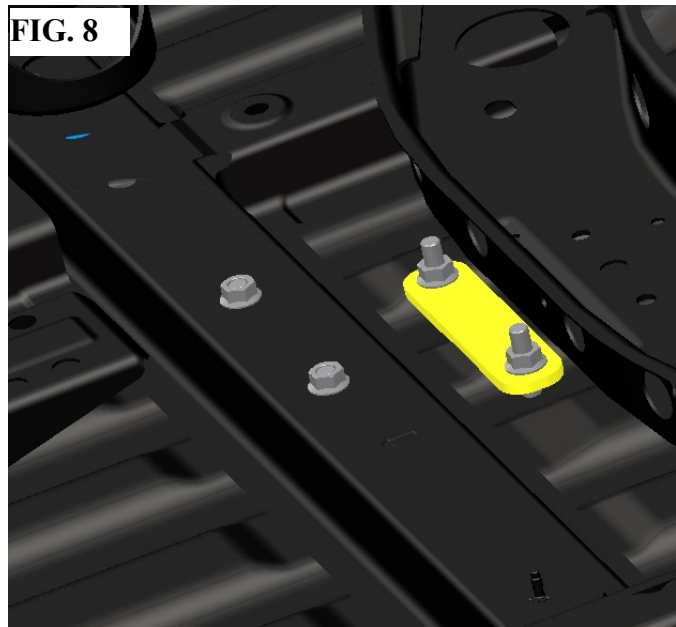
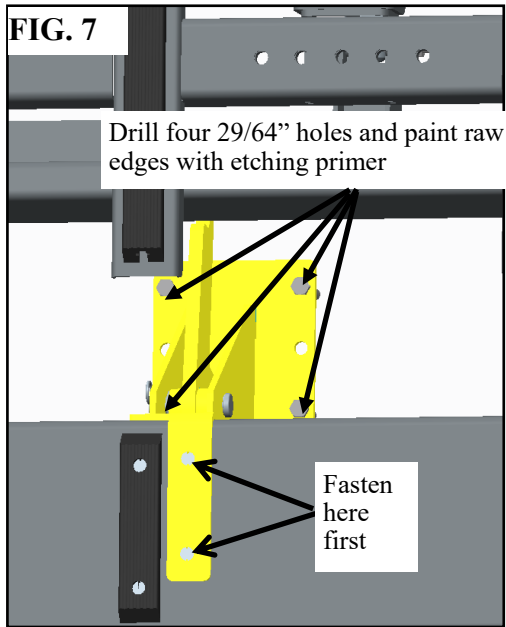




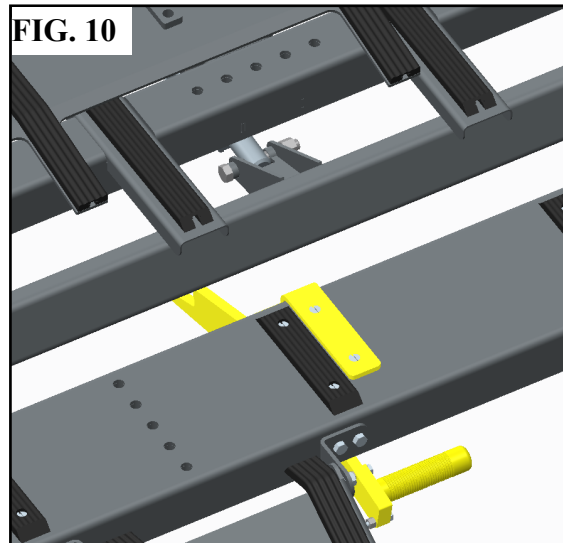
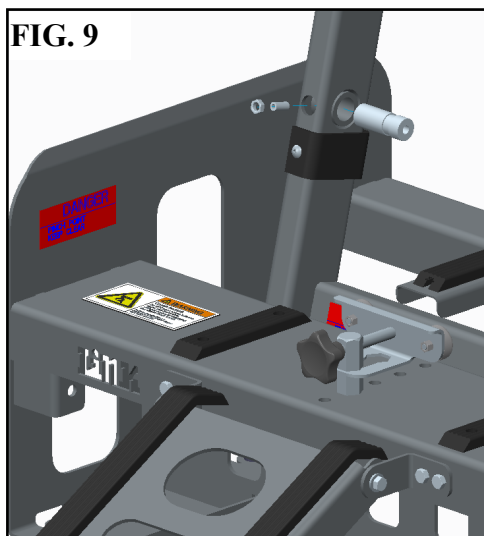
## 6. INSTALLATION PROCEDURE (CONT')

6.7 Fasten the yellow top deck latch assembly to the van floor. **(FIG.7)** Drill (4x) 29/64" holes through the floor and mount in place with provided fasteners and under-floor backer plate. **(FIG.8)**

**⚠ CAUTION** Spare tire is mounted under floor in this area. Lower spare tire before drilling to avoid damage to rim and tire.



6.8 Install the lift arm weldment. Assemble the flanged plastic bearings into the side plates. Hold the lift arm in place and slide the pivot pins through the lift arm into the bushings from the inside. Lock the pins in place using the set screws and jam nuts. **(FIG.9)** Then connect to the actuator using the provided bolt and lock nut. **(FIG.10)**



### 6.9 Wiring: Part 2

6.9.1 Using the provided ring terminal, hook up the power wire to positive side of the battery being sure that supplied fuse is no more than 12 inches away from connection.

6.9.2 Test the actuator for function by toggling the switch up and down.

**Be sure to raise and hold the yellow handle to disengage the top deck latch before running the lift arm down.**

6.10 Secure the actuator wires to the rear weldment using cable ties.

## 6. INSTALLATION PROCEDURE (CONT')

6.11 Attach the four legs to the bottom deck. **(FIG.11)**

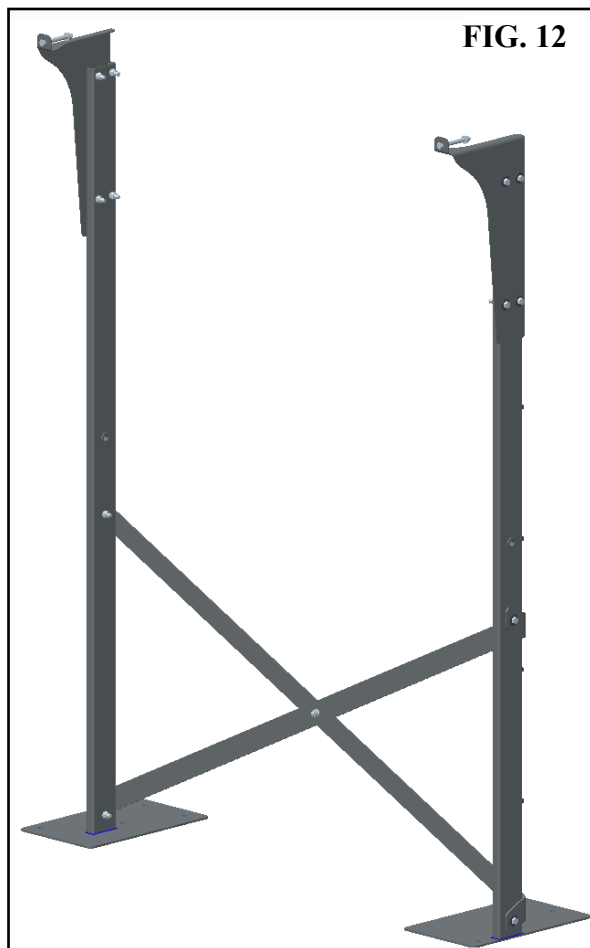
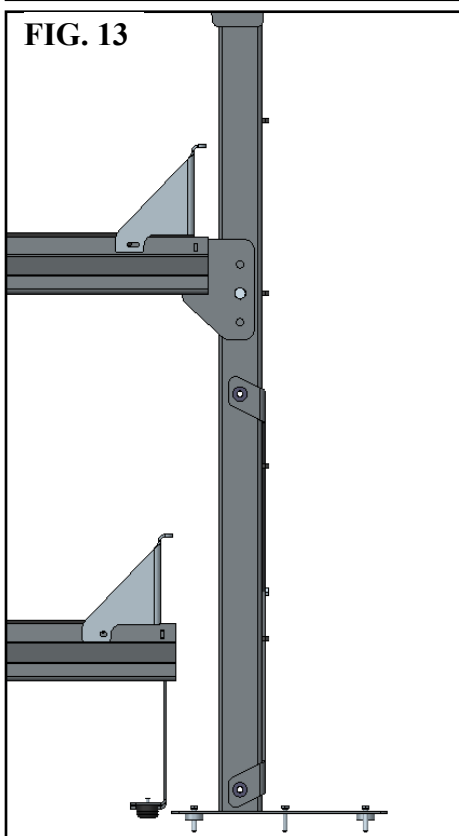
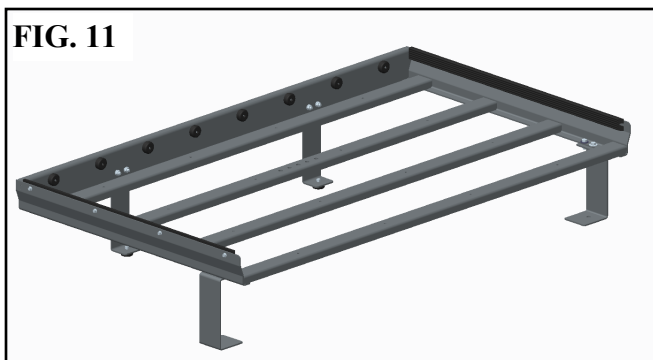
6.12 Set the bottom deck (**NOTE:** Do not bolt in place at this time.) and the four connecting channels into the van.

6.13 Install the glide strips on the bottom deck.

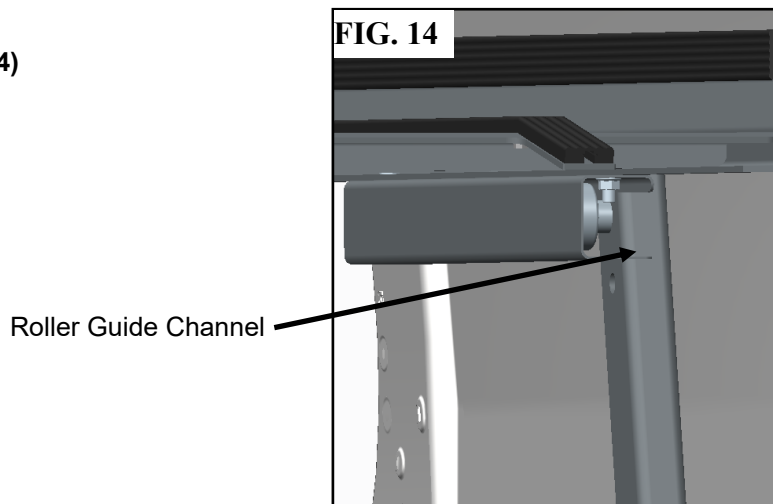
6.14 Attach the two side legs to the floor of the vehicle using the holes for the cargo loops and 8mm bolts supplied

6.15 Set in the front legs and bolt together with the cross straps. **(FIG.12)**

6.16 Set in the top deck and install the front pivot bolts in to the center hole **(FIG.13)**

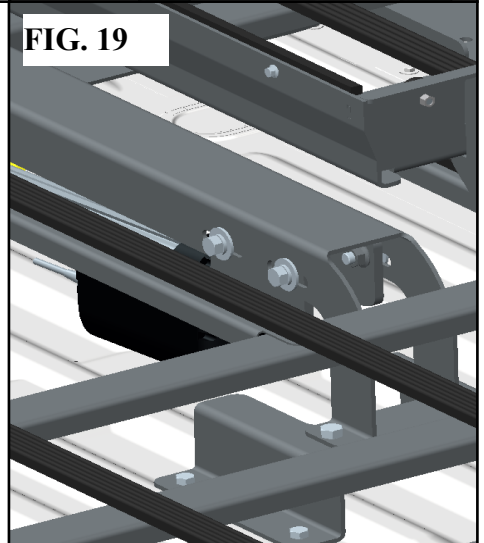
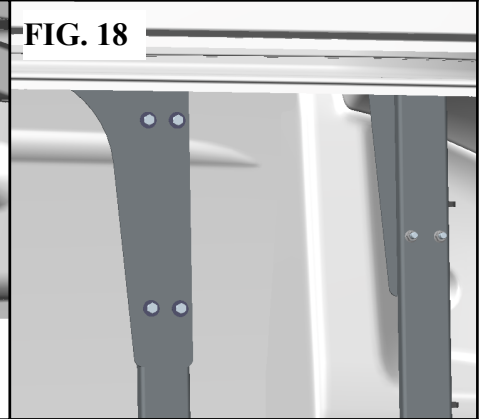
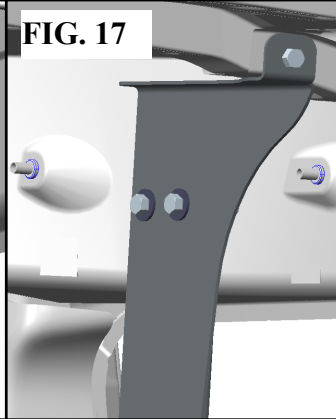
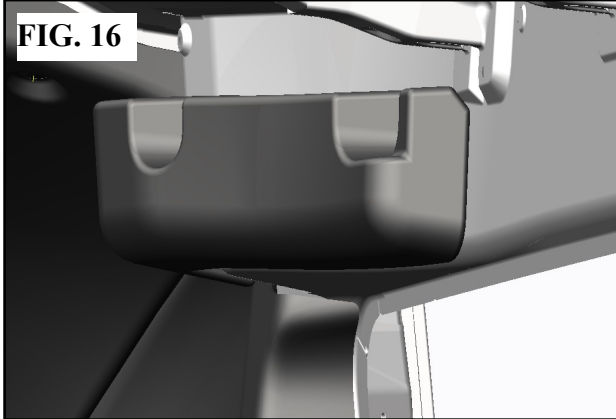
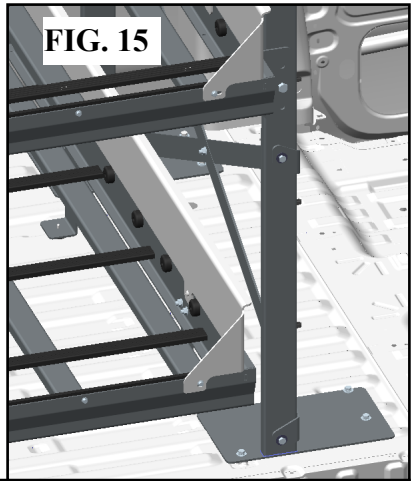


6.17 Install the top deck roller guide channels. **(FIG.14)**



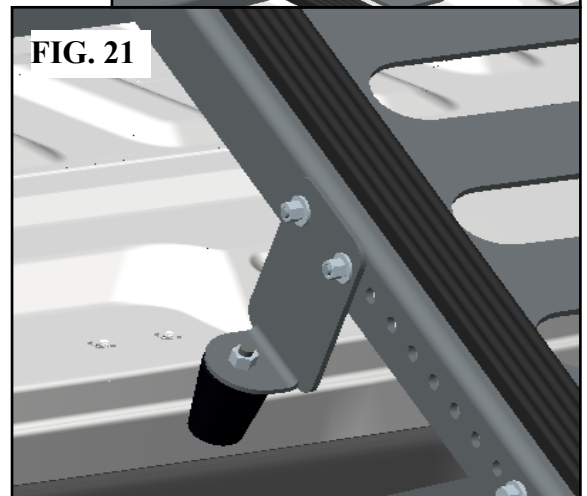
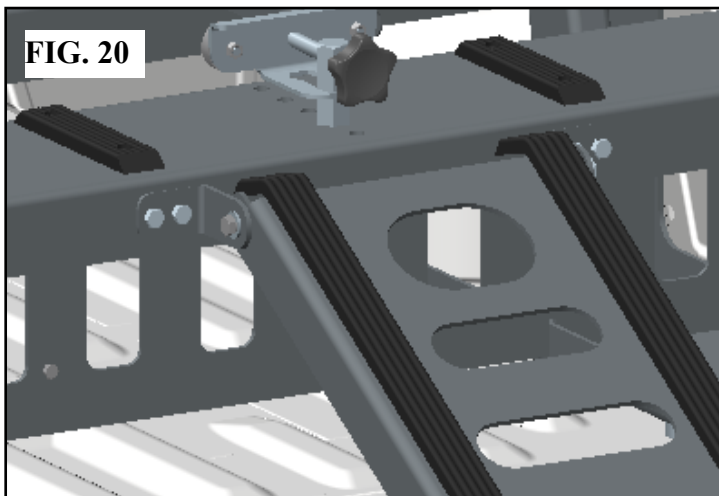
## 6. INSTALLATION PROCEDURE (CONT')

- 6.18 Attach the front legs to the van floor (**FIG. 15**) using the hole that you removed the bolts from in steps 6.1 (**FIGS. 1A & 1B**)
- 6.19 Remove the foam guard from above the side door to allow for clearance for the uprights. (**FIG.16**)
- 6.20 Loosely attach the front top brackets to the front legs, then attach to the roof cross member. Two 25/64" holes will need to be drilled. (**FIG.17**)
- 6.21 With the top deck lowered, align the rear of the deck correctly over the lower deck, then tighten the 4 fasteners that tie the roof brackets to the front legs. (**FIG.18**)
- 6.22 Adjust the actuator to the correct position (recommendation: Place a 1" thick spacer between the decks with the actuator fully extended) and tighten the 4 actuator bolts. (**FIG.19**)



**Ensure safety latch is functioning properly before tightening bolts.**

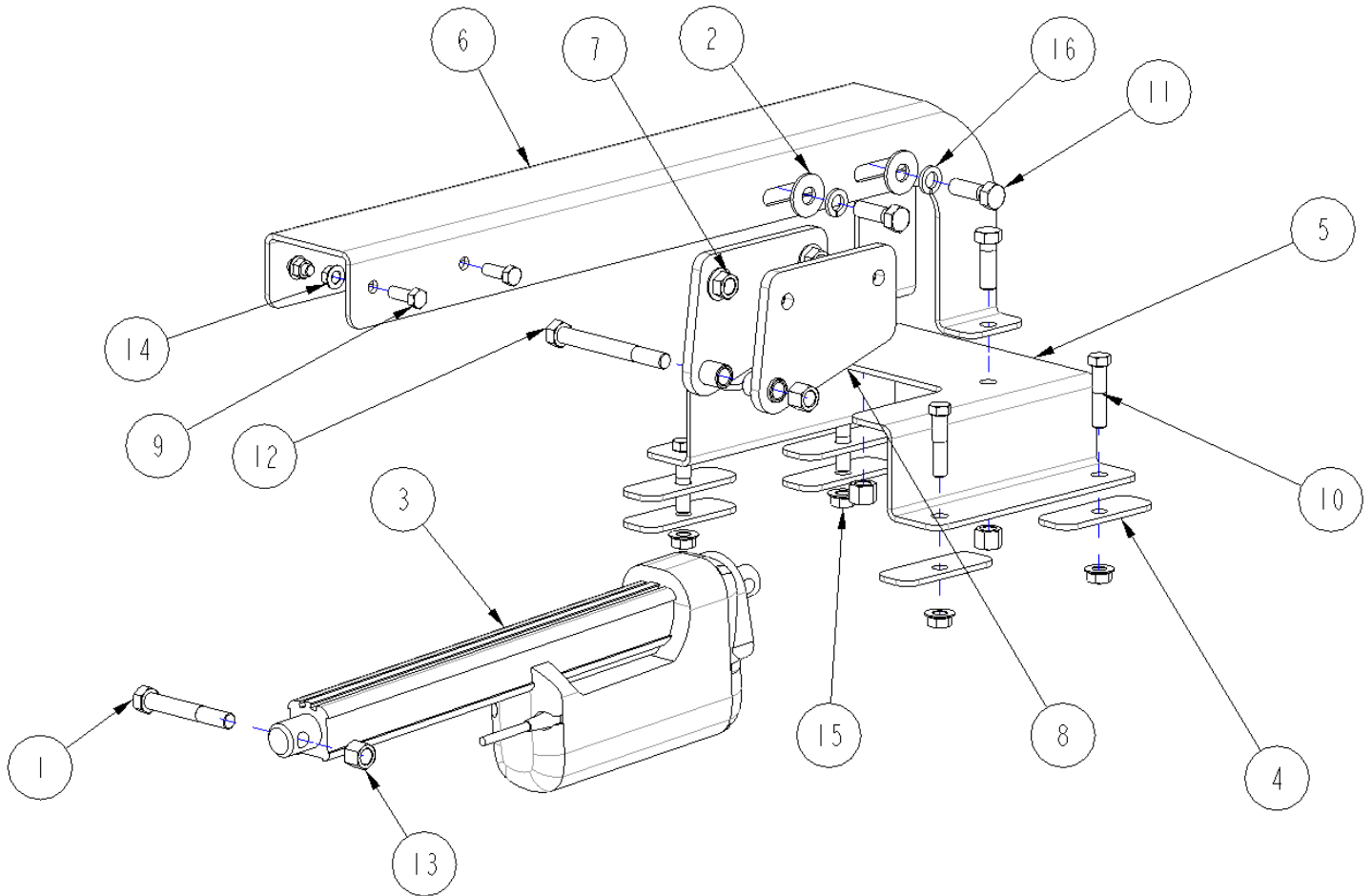
- 6.23 Attach the ramps to the rear of the bottom deck. (**FIG.20**)
- 6.24 Attach the bumpers to the ramps. Position the bumpers so the doors contact them when they are closed. (**FIG.21**)





# DD4000 PARTS

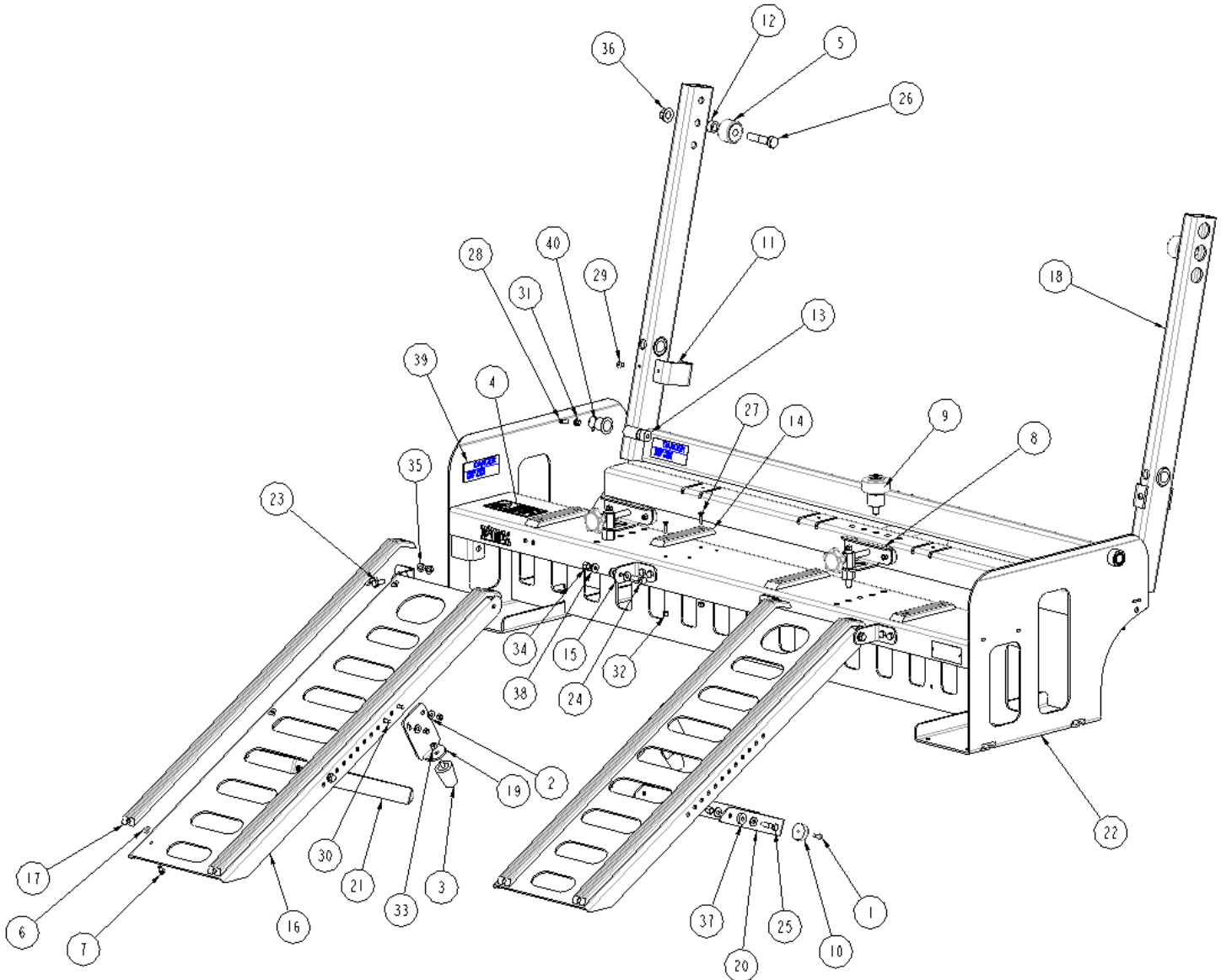
## Actuator Mount Assembly



ITEM	PART #	DESCRIPTION	QTY
1	14011628	1/2 X 3 1/2 UNC HEX CAP SCR (GR 5)	1
2	14871600	1/2 TYPE A PLAIN WASHER	4
3	15040314	ACTUATOR, 12V, 300MM STROKE, 6800N	1
4	72250052	PLATE-WASHER	6
5	72252018	BRACKET-MOUNT	1
6	72252030	CHANNEL-MOUNT, ACTUATOR	1
7	72252107	WELDMENT-MOUNT, ACTUATOR	1
8	72252108	WELDMENT-MOUNT, ACTUATOR	1
9	14011208	3/8 X 1 UNC HEX CAP SCR (GR 5)	4
10	14011416	7/16 X 2 UNC HEX CAP SCR (GR 5)	4
11	14011612	1/2 X 1 1/2 UNC HEX CAP SCR (GR 5)	6
12	14011636	1/2 X 4 1/2 UNC HEX CAP SCR (GR 5)	1
13	14781600	1/2 UNC HEX NYLOCK NUT (GR B)	4
14	14801200	3/8 UNC SERRATED FLANGE NUT	4
15	14801400	7/16 UNC SERRATED FLANGE NUT	4
16	14851600	1/2 LOCK WASHER	4

# DD4000 PARTS

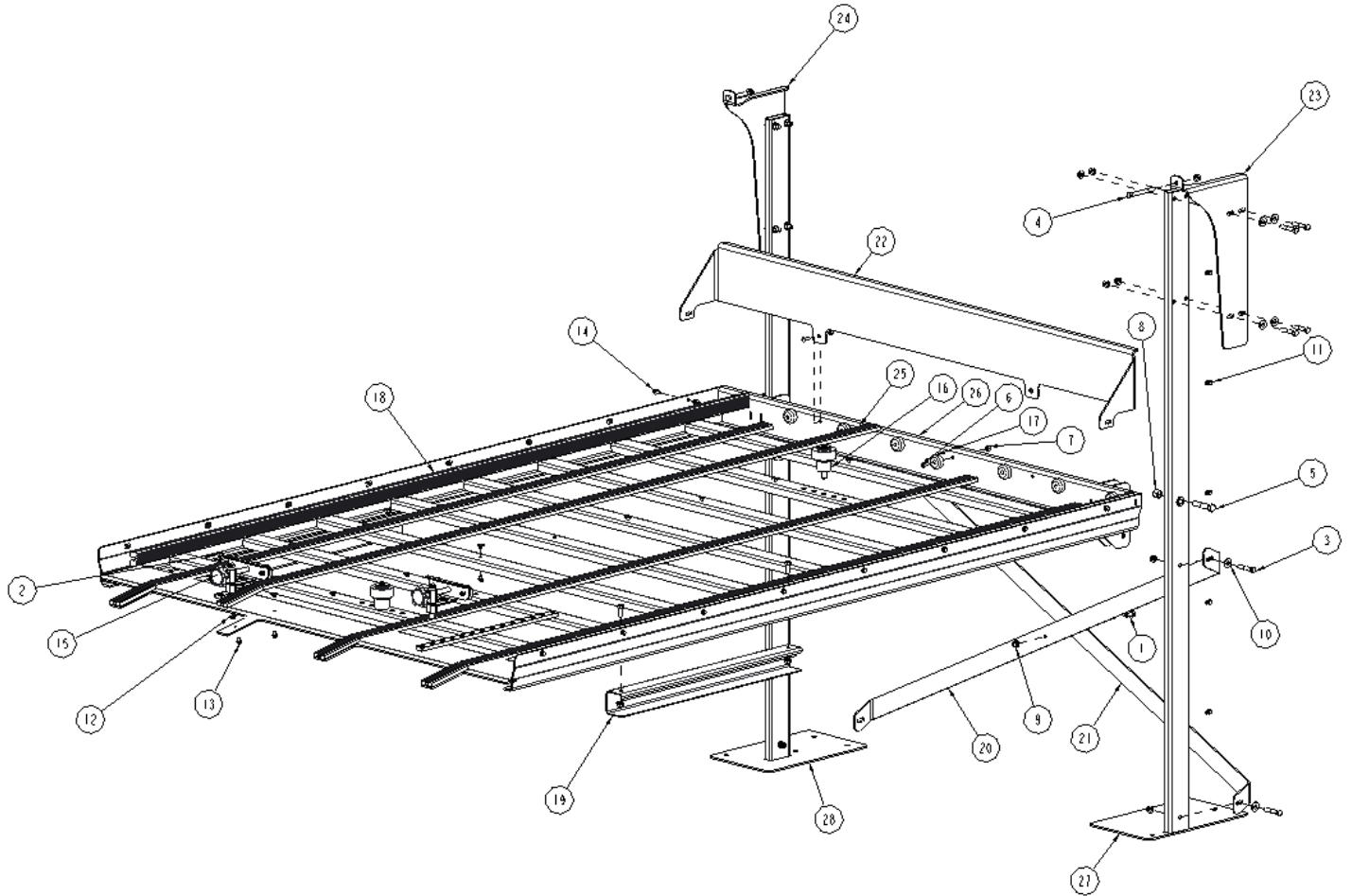
## Rear Weldment Assembly



ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	14420806	1/4 X 3/4 UNC PAN HD PH MACH SCR, ZINC	4	21	72253022	LEG-RAMP	1
2	14870800	1/4 TYPE A PLAIN WASHER	4	22	72253100	WELDMENT-BOTTOM	1
3	15000005	BUMPER-NEOPRENE RUBBER	2	23	14011208	3/8 X 1 UNC HEX CAP SCR (GR 5)	8
4	15001375	LABEL-WARNING, DOUBLE DECK	1	24	14011210	3/8 X 1 1/4 UNC HEX CAP SCR (GR 5)	4
5	15040312	ROLLER-TRACK	2	25	14011212	3/8 X 1 1/2 UNC HEX CAP SCR (GR 5)	4
6	15060054	1/4-20 X 1/4 SLAB BASE WELD NUT	16	26	14012022	5/8 X 2 3/4 UNC HEX CAP SCR (GR 5)	2
7	15060418	1/4 X 3/8 FLANGE HEAD BOLT	16	27	14150808	1/4 X 1 UNC SLTD FTHD CSK MACH SCR	8
8	15070275	PIN-BIER, ADJUSTABLE	2	28	14401207	3/8 X 7/8 UNC HEX SOCKET SET SCREW	2
9	15070303	ROLLER-BIER	1	29	144C0804	1/4 X 1/2 UNC TRUSS HD PH MACH SCR, SS	4
10	15070407	BUMPER-RECESSED, 1.50 O.D. X .63 H	4	30	144C0806	1/4 X 3/4 UNC TRUSS HD PH MACH SCR, SS	4
11	15070477	BUMPER-.25 X 2.00 X 5.63	2	31	14741200	3/8 UNC HEX JAM NUT	2
12	72250047	BUSHING-SPACER	2	32	14780800	1/4 UNC HEX NYLOCK NUT (GR B)	16
13	72250048	PIN-PIVOT	2	33	14781000	5/16 UNC HEX NYLOCK NUT (GR B)	2
14	72250065	GLIDE STRIP	4	34	14781200	3/8 UNC HEX NYLOCK NUT (GR B)	8
15	72252019	BRACKET-MOUNT, RAMP	4	35	14801200	3/8 UNC SERRATED FLANGE NUT	8
16	72252020	PLATE-RAMP	2	36	14802003	5/8 UNC TOP LOCK FL NUT (GR G)	2
17	72252022	GLIDE STRIP	4	37	14910003	NYLON WASHER	4
18	72252101	ARM-LIFT	1	38	14916405	WASHER-NYLON	20
19	72253006	BRACKET-BUMBER,RAMP	2	39	15001311	DECAL-PINCH POINT	4
20	72253021	LEG-RAMP	1	40	15040092	FLANGED BEARING (THOMSON TYPE 6)	2

# DD4000 PARTS

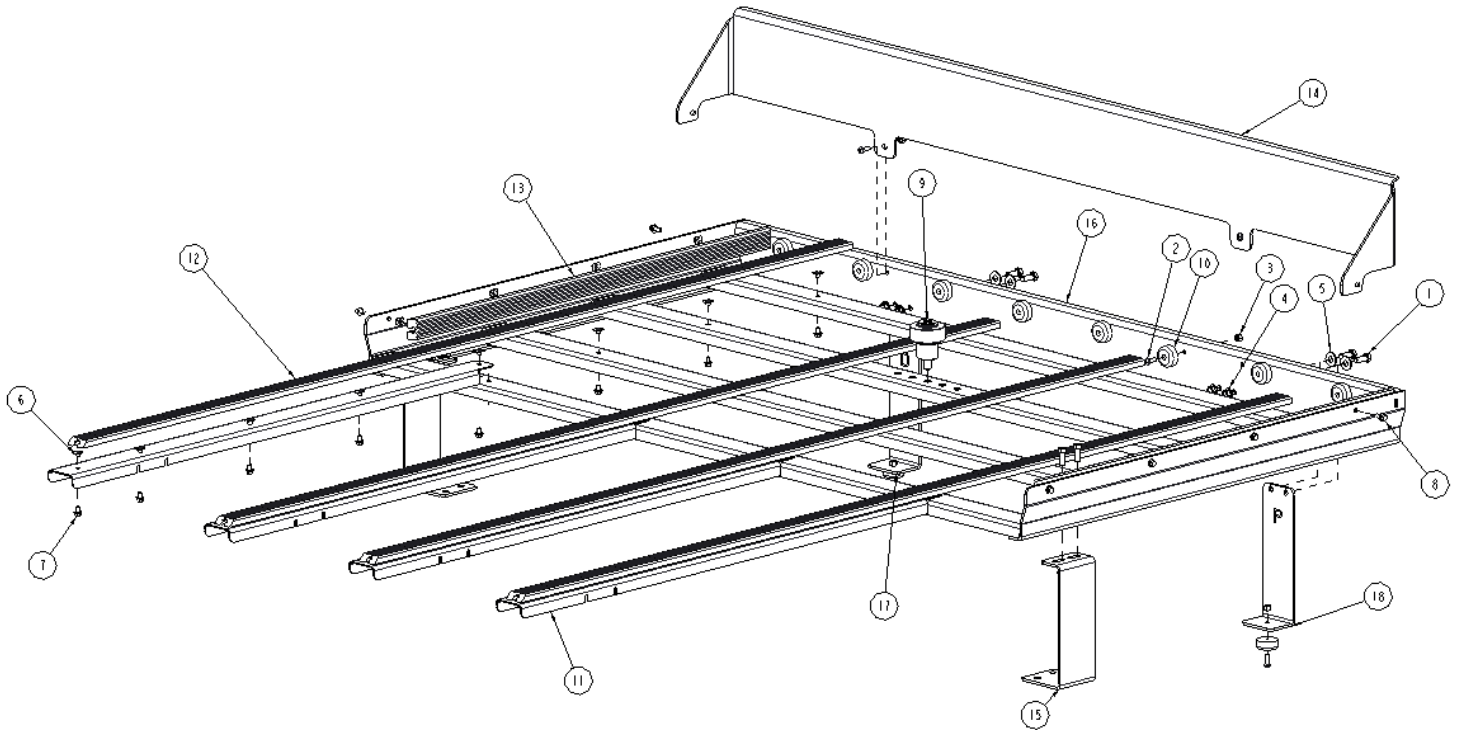
## Upper Deck Assembly



ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	14011206	3/8 X 3/4 UNC HEX CAP SCR (GR 5)	1	15	15070275	PIN-BIER, ADJUSTABLE	2
2	14011208	3/8 X 1 UNC HEX CAP SCR (GR 5)	4	16	15070303	ROLLER-BIER	2
3	14011216	3/8 X 2 UNC HEX CAP SCR (GR 5)	12	17	15070407	BUMPER-RECESSED, 1.50 O.D. X .63 H	8
4	14011228	3/8 X 3 1/2 UNC HEX CAP SCR (GR 5)	2	18	72250036	GLIDE STRIP	2
5	14011620	1/2 X 2 1/2 UNC HEX CAP SCR (GR 5)	2	19	72250045	CHANNEL-TRACK, ROLLER	2
6	14420806	1/4 X 3/4 UNC PAN HD PH MACH SCR, ZINC	10	20	72250070	STRAP-BRACE	1
7	14780800	1/4 UNC HEX NYLOCK NUT (GR B)	10	21	72250071	STRAP-BRACE	1
8	14781600	1/2 UNC HEX NYLOCK NUT (GR B)	2	22	72250074	CATCH-FRONT, UPPER	1
9	14801200	3/8 UNC SERRATED FLANGE NUT	19	23	72253014	BRACKET-ROOF	1
10	14871200	3/8 TYPE A PLAIN WASHER	12	24	72253015	BRACKET-ROOF	1
11	15000302	CLIP-LATCHING	5	25	72253063	GLIDE STRIP	4
12	15060054	1/4-20 X 1/4 SLAB BASE WELD NUT	56	26	72253109	WELDMENT-DECK, TOP	1
13	15060418	1/4 X 3/8 FLANGE HEAD BOLT	54	27	72253112	POST-SUPPORT, DECK	1
14	15060420	1/4 X 5/8 FLANGE HEAD BOLT	2	28	72253113	POST-SUPPORT, DECK	1

# DD4000 PARTS

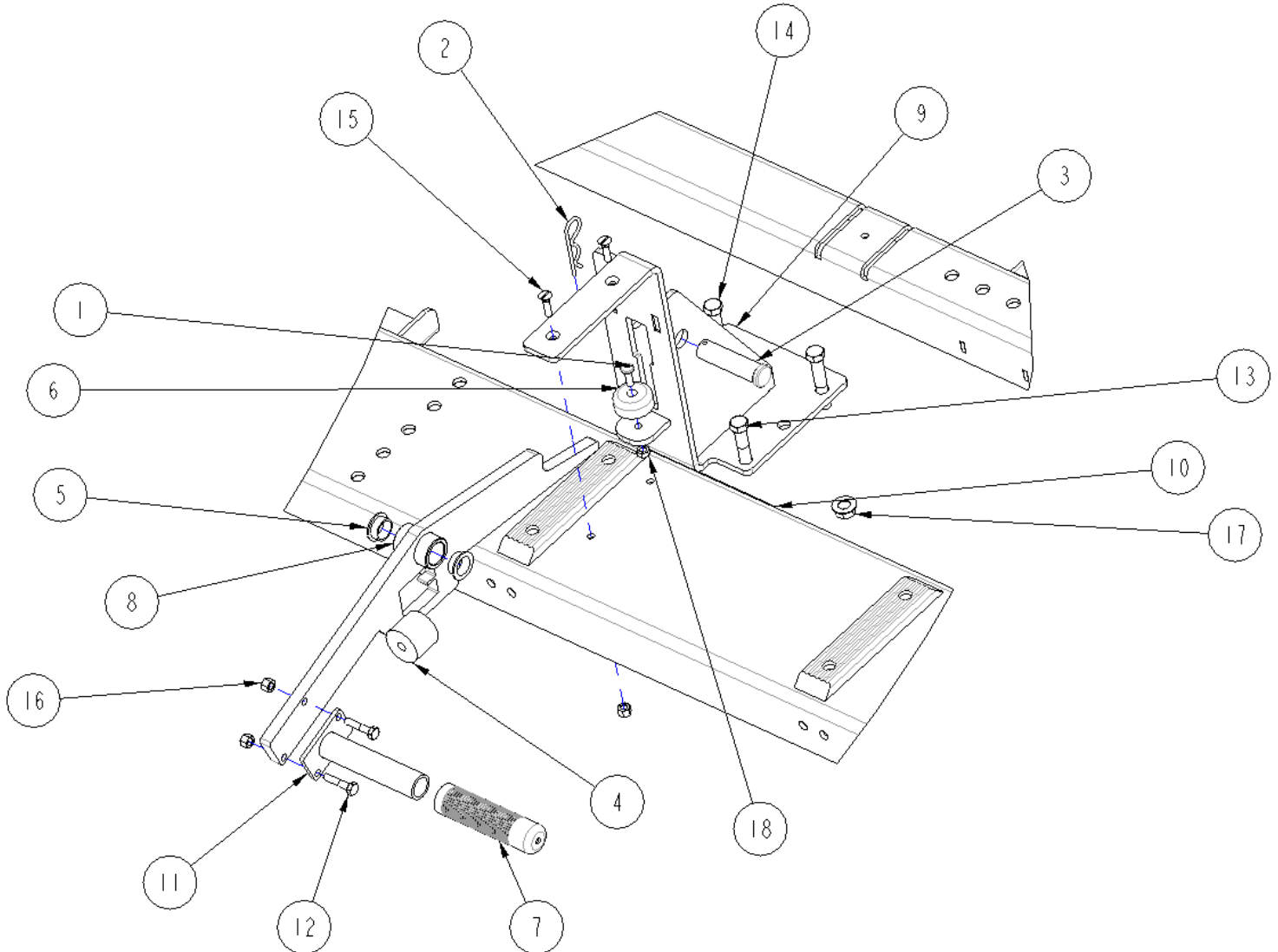
## Lower Deck Assembly



ITEM	PART #	DESCRIPTION	QTY	ITEM	PART #	DESCRIPTION	QTY
1	14011208	3/8 X 1 UNC HEX CAP SCR (GR 5)	8	10	15070407	BUMPER-RECESSED, 1.50 O.D. X .63 H	10
2	14420806	1/4 X 3/4 UNC PAN HD PH MACH SCR, ZINC	12	11	72250039	CHANNEL-SUPPORT, GLIDE	4
3	14780800	1/4 UNC HEX NYLOCK NUT (GR B)	12	12	72250049	GLIDE STRIP	4
4	14801200	3/8 UNC SERRATED FLANGE NUT	8	13	72250050	GLIDE STRIP	2
5	14871200	3/8 TYPE A PLAIN WASHER	8	14	72250075	CATCH-FRONT, LOWER	1
6	15060054	1/4-20 X 1/4 SLAB BASE WELD NUT	40	15	72252016	BRACKET	2
7	15060418	1/4 X 3/8 FLANGE HEAD BOLT	38	16	72252105	DECK-BOTTOM	1
8	15060420	1/4 X 5/8 FLANGE HEAD BOLT	2	17	72253017	BRACKET-SUPPORT, DECK	1
9	15070303	ROLLER-BIER	1	18	72253018	BRACKET-SUPPORT, DECK	1

# DD4000 PARTS

## Deck Latch Assembly



ITEM	PART #	DESCRIPTION	QTY
1	14420806	1/4 X 3/4 UNC PAN HD PH MACH SCR, ZINC	1
2	14490002	PIN-COTTER, 1/8 X 2 1/2	1
3	14510004	PIN-CLEVIS, 3" X 3/4"	1
4	15000929	BUMPER-SPRING	1
5	15040098	BUSHING-PIVOT, NYLON, 3/8	2
6	15070407	BUMPER-RECESSED, 1.50 O.D. X .63 H	1
7	15070476	GRIP-VINYL, ROUND	1
8	72251031	WELDMENT-HANDLE, LATCH	1
9	72251032	WELDMENT-MOUNT, LATCH	1
10	72253033	PLATE-BACKING	1
11	78552213	HANDLE-RAMP	1
12	14010810	1/4 X 1 1/4 UNC HEX CAP SCR (GR 5)	2
13	14011416	7/16 X 2 UNC HEX CAP SCR (GR 5)	2
14	14011420	7/16 X 2 1/2 UNC HEX CAP SCR (GR 5)	2
15	14150808	1/4 X 1 UNC SLTD FTHD CSK MACH SCR	2
16	14780800	1/4 UNC HEX NYLOCK NUT (GR B)	4
17	14801400	7/16 UNC SERRATED FLANGE NUT	4
18	14840810	1/4 UNC HEX CTR LOCK NUT, SS	1





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