

ANTHONY
LIFTGATES, INC.®

MTU-GLR

MTU-GLR-WR-3
MTU-GLR-WR-4

PARTS BOOK



QUALITY, RELIABILITY, CUSTOMER SERVICE

MADE IN THE USA 

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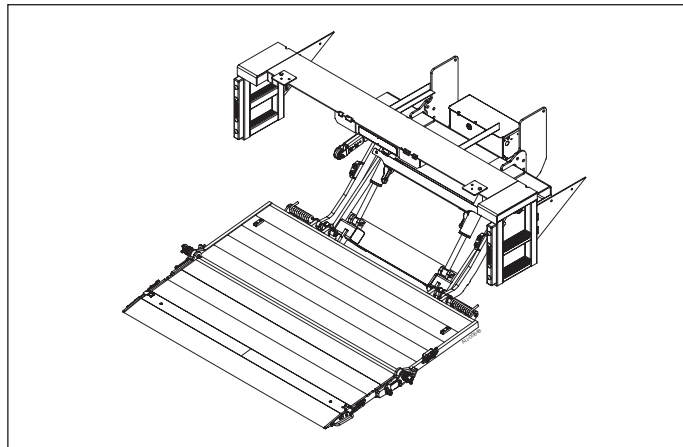
1. General Information Section MTU-GLR-WR Only

1.1 Introduction

Congratulations on selecting an Anthony Liftgates TuckUnder™ liftgate.

All Anthony tuckunder model liftgates are factory assembled, energized, and tested to ensure the highest quality performance standards. MTU-GLR-WR models and MTU-GLR-WR liftgates ship completely assembled for fast, clean, and easy installation.

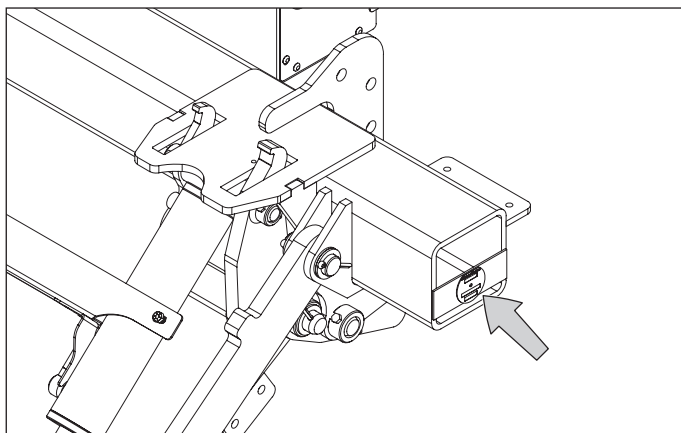
To ensure your liftgate will perform to your expectations, we have provided this Installation Manual, which is designed to provide you with the necessary installation instructions and safety precautions for the installation of the MTU-GLR-WR TuckUnder™ liftgates.



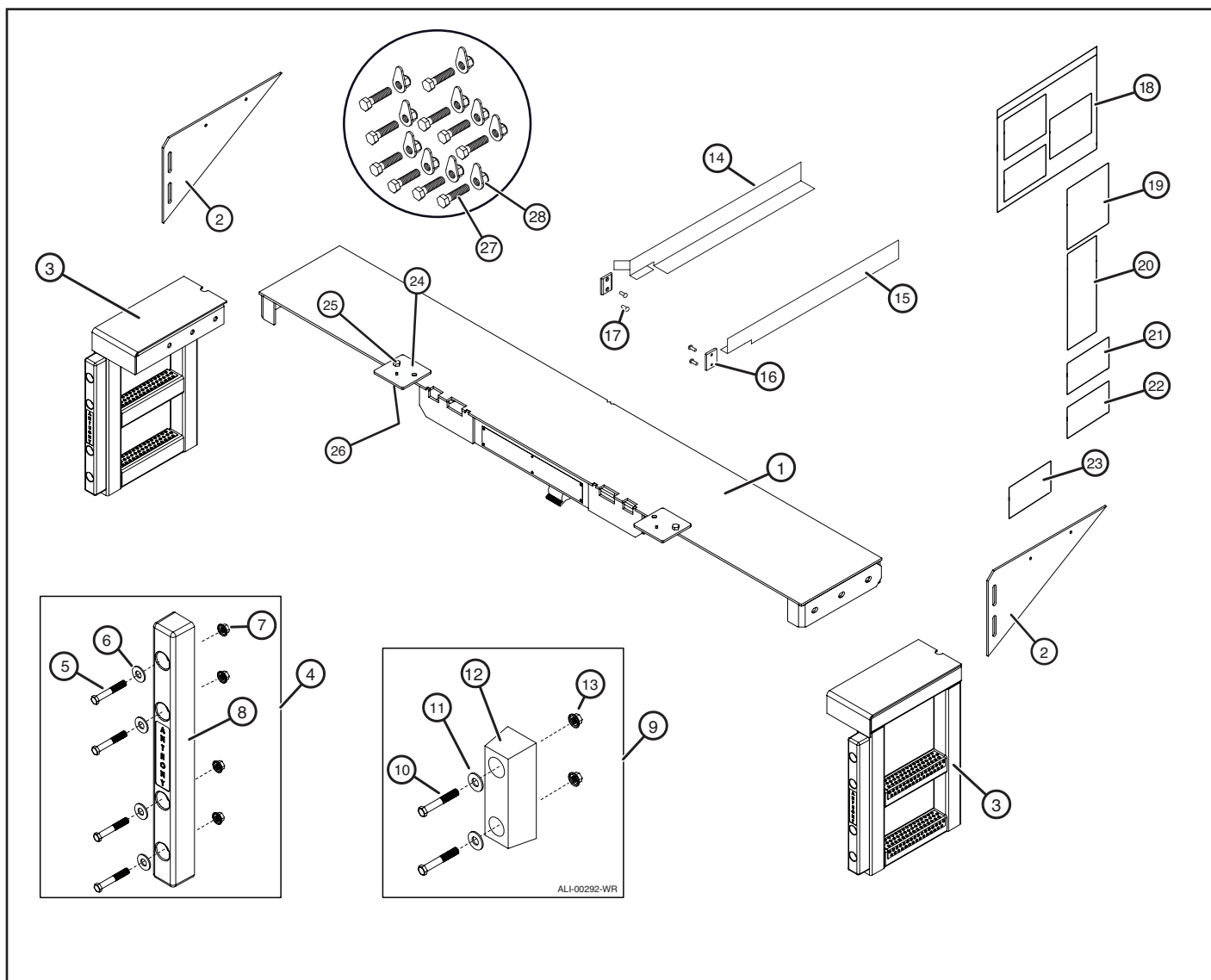
1.2 Serial Number

Before calling for warranty or other product information, have the serial number, model number, and lift capacity of your liftgate available. This information is stamped into the identification plate on the curbside of the tube frame adaptor and will help us verify your warranty information and your specific liftgate.

Record the serial number, model number, date of installation, and load capacity in the Operation Manual for easy reference when contacting your authorized dealer with questions.



2. Dock Bumper and Decals



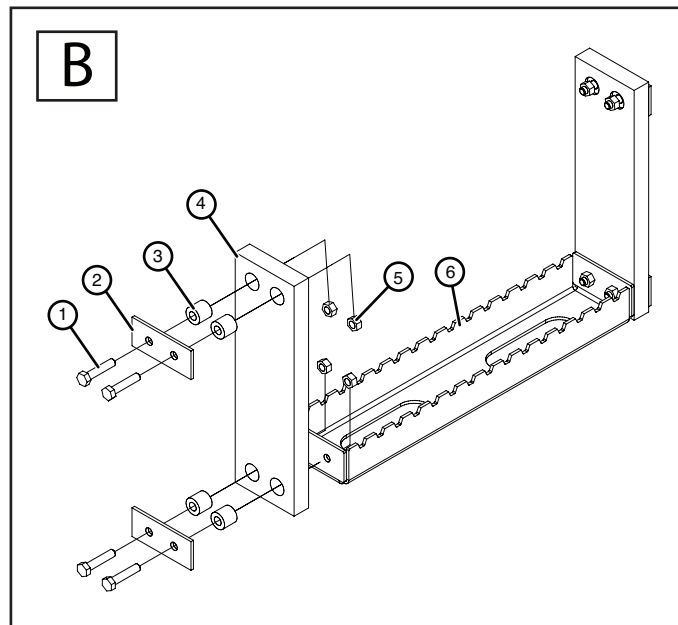
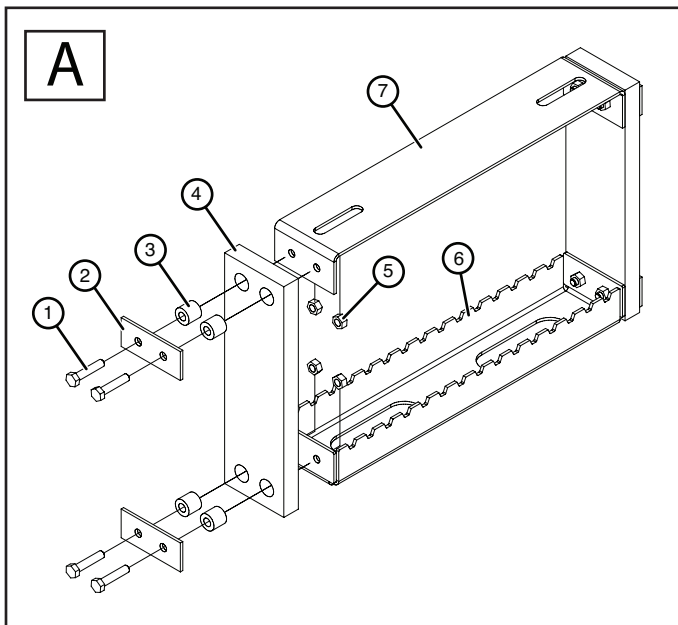
Item	Part Number	Description	Qty.
1	A-140473*	96" FLOOR EXTENSION ASSY - WR GATE (1/4" DECK)	1
	A-140474*	102" FLOOR EXTENSION ASSY - WR GATE	
	A-141007*	102" X 18" FLOOR EXTENSION ASSY	
2	ATU-200*	GUSSET-FOR DOCK BUMPER/STEPS	2
	A-140685-R*	GUSSET-FOR XD DOCK BUMPER/STEPS	1
	A-140685-L*	GUSSET-FOR XD DOCK BUMPER/STEPS	1
3	A-140452*	DOCK BUMPER SET WITH PADS AND GUSSETS (96" ONLY) WALKRAMP	1
	A-140430*	DOCK BUMPER SET WITH PADS AND GUSSETS (102" ONLY) 16" DEEP	
	A-140940*	DOCK BUMPER 1-STEP WITH FLEXI-STEP SET WITH PADS AND GUSSETS (102" ONLY) 16" DEEP	
	A-141012*	DOCK BUMPER 3-STEP WITH PADS AND GUSSETS (102" ONLY) 22" DEEP FOR 18" FLOOR EXTENSION	
	A-141056*	DOCK BUMPER 2-STEP AND FLEX (96") 16" DEEP	
	A-141057*	DOCK BUMPER 2 STEP AND FLEX (102") 11" DEEP	
	A-141078*	REPLACEMENT FLEX STEP KIT 16"	
4	ATU-1119	DOCK BUMPER PAD KIT (20")	1
5	ATU-259	1/2-13 X 2" GRADE 8 BOLT	4
6	A-150065	1/2" FLAT WASHER	4
7	A-132301	1/2-13 NYLOCK GR8 NUT ZP	2

Item	Part Number	Description	Qty.
8	ATU-798	DOCK BUMPER PAD (20")	2
9	ATU-126	DOCK BUMPER PAD KIT (8")	1
10	2019	3/8-16 X 1.75" BOLT	4
11	2058	3/8" FLAT WASHER	4
12	ATU-793	DOCK BUMPER PAD (8")	1
13	A-132038	3/8-16 FLANGE NUT, WHIZ-LOCK	4
14	A-140442	WALKRAMP GUIDE ASSY - LH	1
15	A-140441	WALKRAMP GUIDE ASSY - RH	1
16	AR-18-229	PLASTIC SLIDE	2
17	A-132030	RIVET	4
18	A-140120	DECAL/INSTALL KIT (3000LB CAPACITY) ¹	1
	A-140121	DECAL/INSTALL KIT (4000LB CAPACITY) ¹	
19	A-131115	DECAL: PERSONAL INJURY ¹	1
20	ATU-423	DECAL: OPERATING INSTRUCTIONS ¹	1
21	A-150238	DECAL: PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER ¹	1
22	ATU-141	DECAL: AFTER USING LIFTGATE ¹	1
23	ATU-147	DECAL: 3000LB ¹	1
	A-171433	DECAL: 4000LB ¹	
24	A-140959	INSTALL BRACKET W/M	2
25	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	2
26	3139	1/2-13 HEX NUT GR8 ZP	2
27	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	10
28	ATU-1445	NUT LOBE WELDMENT (BOLT-ON FLOOR EXTENSIONS)	10

¹ Refer to "16. Safety and Instructional Decals" on page 31 for a complete list and picture of the decals.

* Available in galvanized finish by adding a "-G" to the part number when ordering.

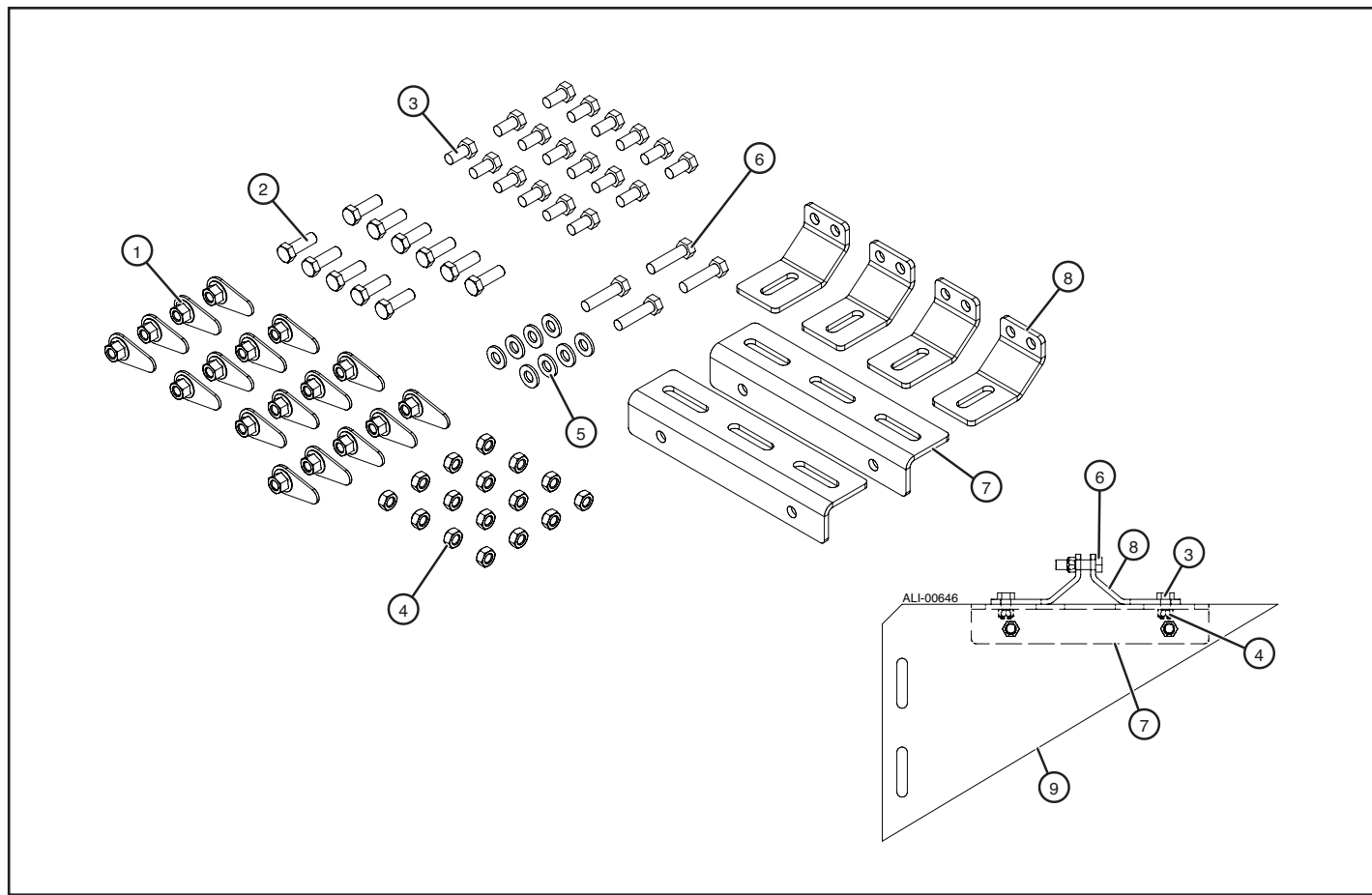
2.1 Flex Step Kits



Item	Part Number	Description	Qty.
A	A-141078*	FLEX STEP REPLACEMENT KIT – 16"	1
B	A-141067*	FLEX STEP RETRO KIT – 16"	1
1	A-132321	5/16-18 X 1.50" HEX BOLT	8
2	A-140997-P	FLEX STEP COMPRESSION PLATE	4
3	A-140999-P	FLEX STEP SPACER	8
4	A-140995	3.25" FLEX STEP RUBBER	2
5	862	5/16-18 LOCKNUT	8
6	A-141065*	FLEX STEP FORMED STEP - 16"	1
7	A-141064	FLEX STEP MOUNTING BRACKET - 16"	1
—	A-141049	FLEX STEP SERVICE INSTALL INSTR 3.25"	1

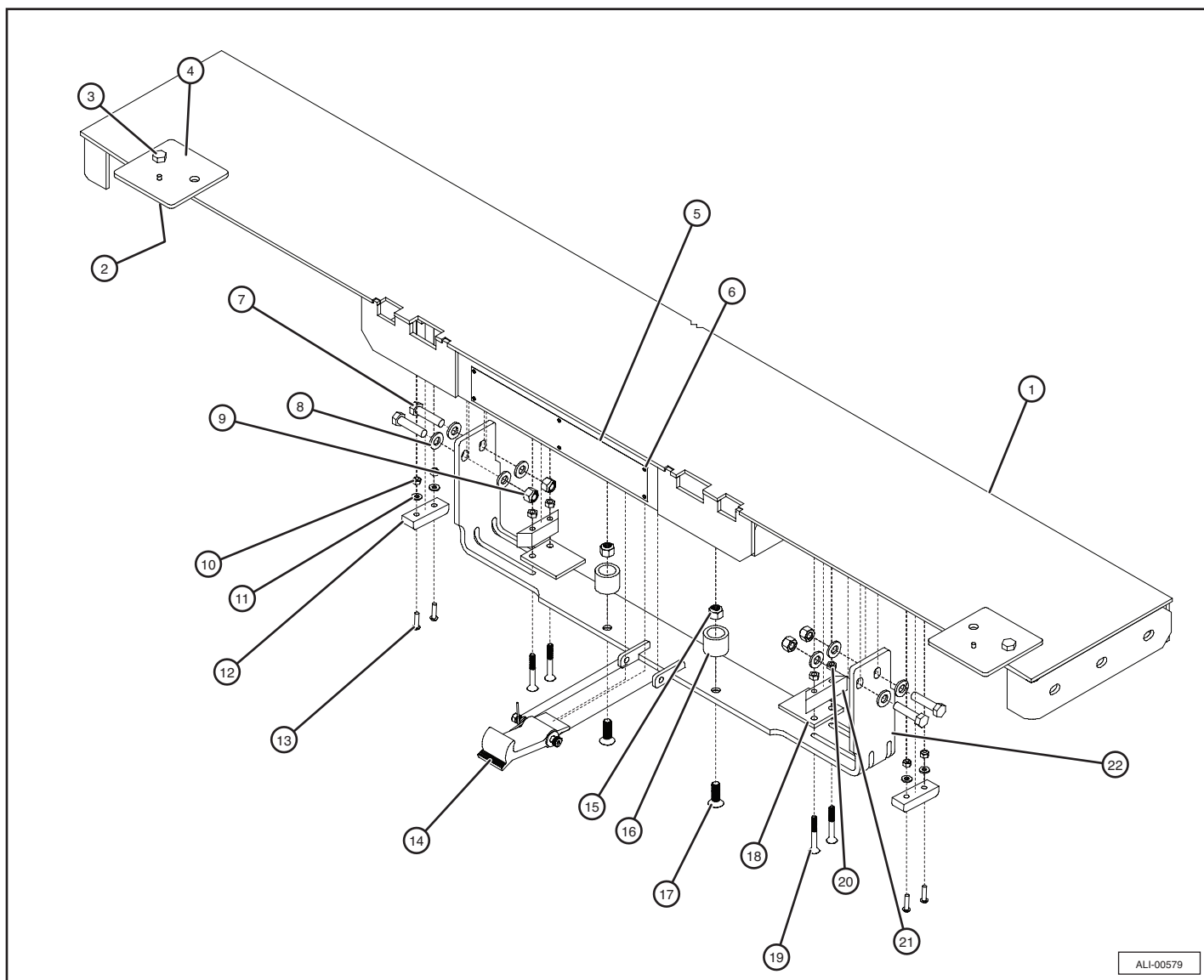
* Available in galvanized finish by adding a "-G" to the part number when ordering.

2.2 Bolt-on Floor Extension Parts



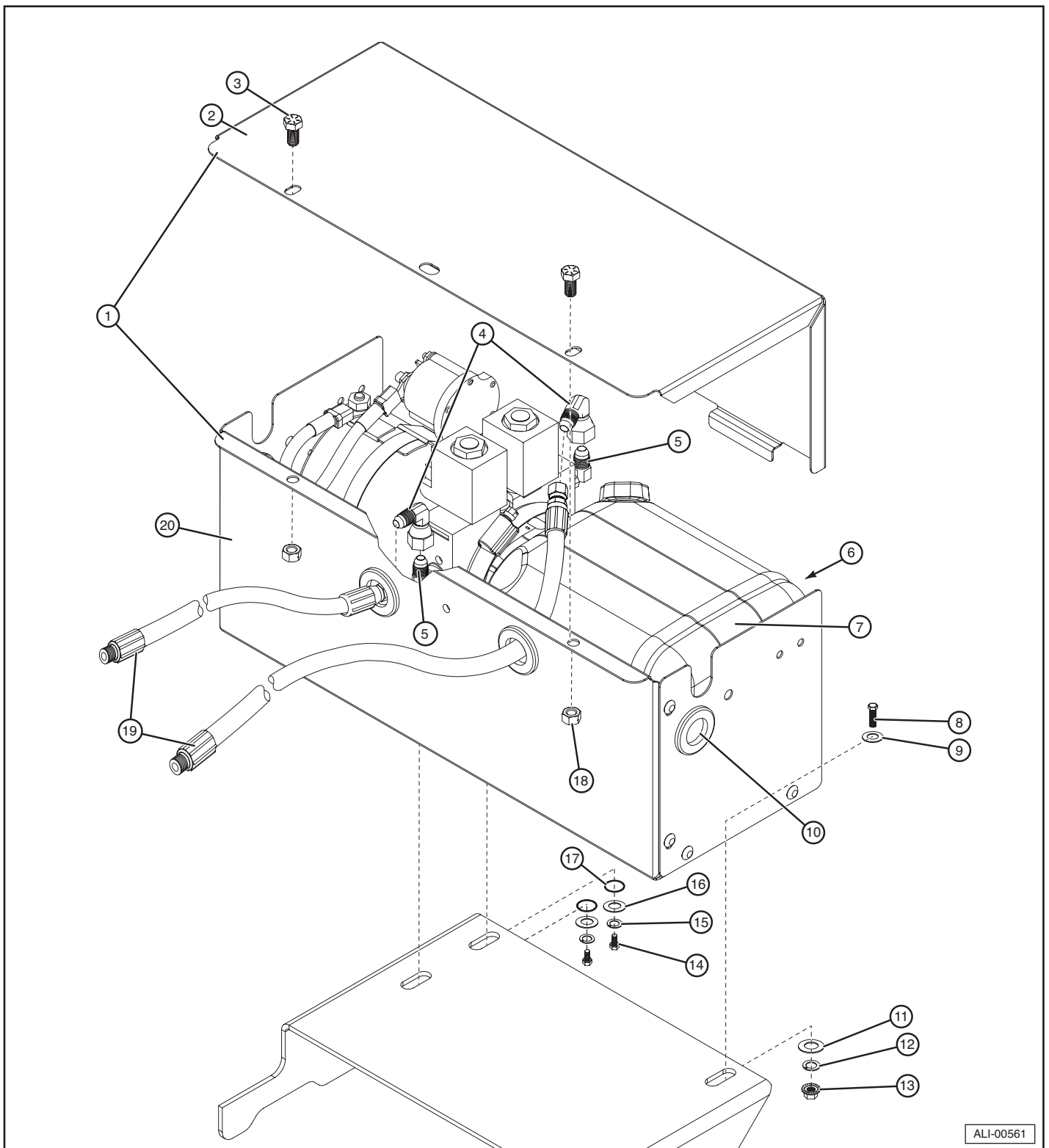
Item	Part Number	Description	Qty.
1	ATU-1445	NUT LOBE WELDMENT (BOLT-ON FLOOR EXTENSIONS)	17
2	A-150072	1/2-13 X 1.5" H/H C/S GR.8 ZP	11
3	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	18
4	A-132024	1/2-13 LOCKNUT	16
5	A-150065	1/2" SAE F/W 17/32" ID X 1-1/16" OD ZP	8
6	ATU-259	1/2-13 X 2" H/H C/S GR. 8 ZP	4
7	ATU-1651	BOLT ON GUSSET MOUNT	2
8	A-140911	MOUNTING BOLT-ON BRKT	4
---	A-140996	SIDE GUSSET	1

3. Walk Ramp Assembly



Item	Part Number	Description	Qty.
1	A-140425 A-140426	FLOOR EXTENSION W/M: MTU-GLR-WR 96" FLOOR EXTENSION W/M: MTU-GLR-WR 102"	1
2	3139	1/2-13 HEX NUT GR8 ZP	2
3	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	2
4	A-140959	MTU INSTALL BRACKET W/M	2
5	ATU-1506	ALUMINUM ANTHONY NAMEPLATE	1
6	A-132325	1/8" ALUM RIVET, .188-.250 GRIP	6
7	ATU-259	1/2-13 X 2" H/H C/S GR. 8 ZP	4
8	A-150065	1/2" SAE F/W 17/32" ID X 1-1/16" OD ZP	8
9	A-132024	1/2-13 LOCKNUT	4
10	ATU-359	1/4-20 TOP L/N GR. C ZP	4
11	2051	1/4" F/W ZP	4
12	A-140090	WEAR PAD/BUMPER	2
13	S-047004	1/4-20 X 1" SLOTTED RDHD M/S ZP	4
14	A-140475	MTU-GLR-WR LATCH KIT	1
15	A-132301	1/2-13 NYLOCK GR8 NUT ZP (NOT NORMALLY USED FOR STANDARD INSTALLATION)	2
16	A-140463	WALKRAMP STOP BUSHING (NOT NORMALLY USED FOR STANDARD INSTALLATION)	2
17	A-132331	1/2-13 x 1.5" FH S/C/S ZP (NOT NORMALLY USED FOR STANDARD INSTALLATION)	2
18	A-140437	WALKRAMP GLIDE PAD	2
19	A-132326	5/16-18 X 2.5" FH S/C/S ZP	4
20	862	5/16-18 LOCKNUT	4
21	A-140466	RAMP GUIDE-PLASTIC	2
22	A-140464	WALKRAMP SUPPORT WELDMENT	1

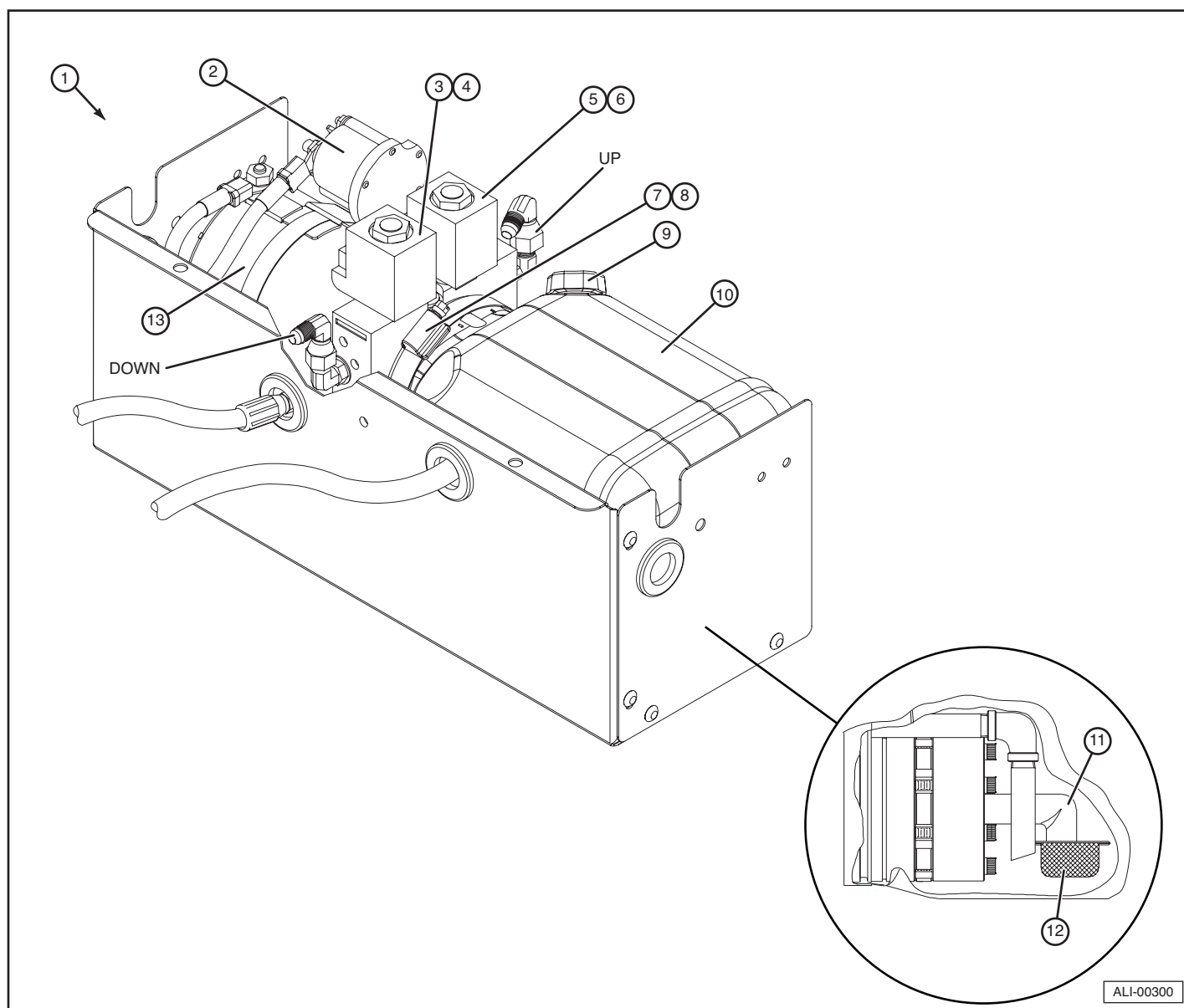
4. Pump Box



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Item	Part Number	Description	Qty.
1	ATU-586	PUMP BOX-COMplete	1
2	ATU-533	PUMP BOX COVER	1
3	764	3/8-16 X 3/4" HEX BOLT	2
4	A-130142	90DEG ELBOW (MALE JIC#6 TO FEMALE JIC#6)	2
5	A-130140	FITTING: 90DEG ADAPTER (MALE SAE#6 TO MALE JIC#6)	2
6	A-130166	MTU POWER PACK UNIT (COMPLETE, 3000LB CAPACITY)	1
	A-130214	MTU POWER PACK UNIT (COMPLETE, 4000-6000LB CAPACITY)	
7	A-150635	RESERVOIR (INCLUDES FILLER/VENT CAP)	1
8	874	3/8-16 X 1" HEX BOLT	1
9	2058	3/8" FLAT WASHER	1
10	ATU-137	RUBBER GROMMET	4
11	2058	3/8" FLAT WASHER	1
12	2054	3/8" LOCKWASHER	1
13	A-132038	3/8-16 FLANGE NUT, WHIZ-LOCK	1
14	25	3/8-16 X 1.5" HEX BOLT	2
15	2054	3/8" LOCKWASHER	2
16	2058	3/8" FLAT WASHER	2
17	A-132011	3/8" EXTERNAL STAR WASHER	2
18	A-132364	3/8-16 NYLOCK NUT	2
19	A-140380	HYDRAULIC HOSE ASSY (POWER PACK TO TRAY, "DOWN", 24")	1
	A-130381	HYDRAULIC HOSE ASSY (POWER PACK TO TRAY, "UP", 35")	
20	ATU-531	PUMP BOX ENCLOSURE	1
—	ATU-637	SPACER (UNDER PUMP) (NOT SHOWN)	1

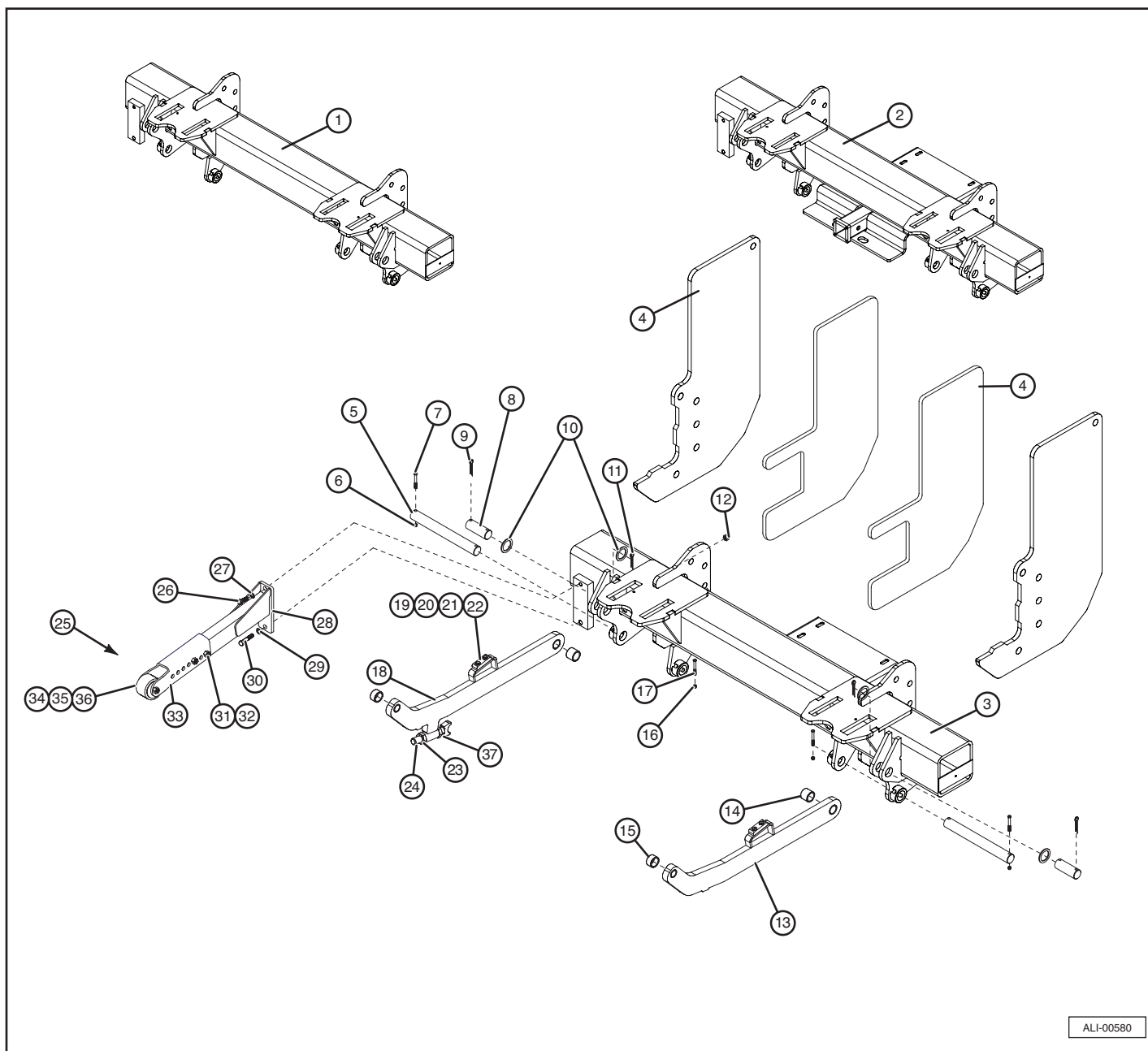
5. Hydraulic Power Pack



Item	Part Number	Description	Qty.
1	A-130166	MTU POWER PACK UNIT (COMPLETE, 3000LB CAPACITY) W/O ENCLOSURE	1
	A-130214	MTU POWER PACK UNIT (COMPLETE, 4000-6000LB CAPACITY) W/O ENCLOSURE	
2	ATU-120	SOLENOID RELAY, 12VDC MOTOR RUN	1
3	A-176315	COIL ONLY, 12VDC	1
4	A-130216	VALVE/12VDC COIL/CARTRIDGE COMBINATION (LOWER, SINGLE O-RING, GREEN WIRE)	1
5	—	—	—
6	A-130215	VALVE/12VDC COIL/CARTRIDGE COMBINATION (RAISE, TRIPLE O-RING, RED WIRE)	1
7	ATU-565	RESERVOIR ATTACHMENT CLAMP	1
8	A-150019	RESERVOIR ATTACHMENT O-RING	1
9	A-150546	FILLER/VENT CAP	1
10	A-150635	RESERVOIR (INCLUDES FILLER/VENT CAP)	1
11	A-150015	FILTER NIPPLE	1
12	A-150016	FILTER SCREEN	1
13	A-150018	MOTOR, 12VDC, NO THERMAL SWITCH	1

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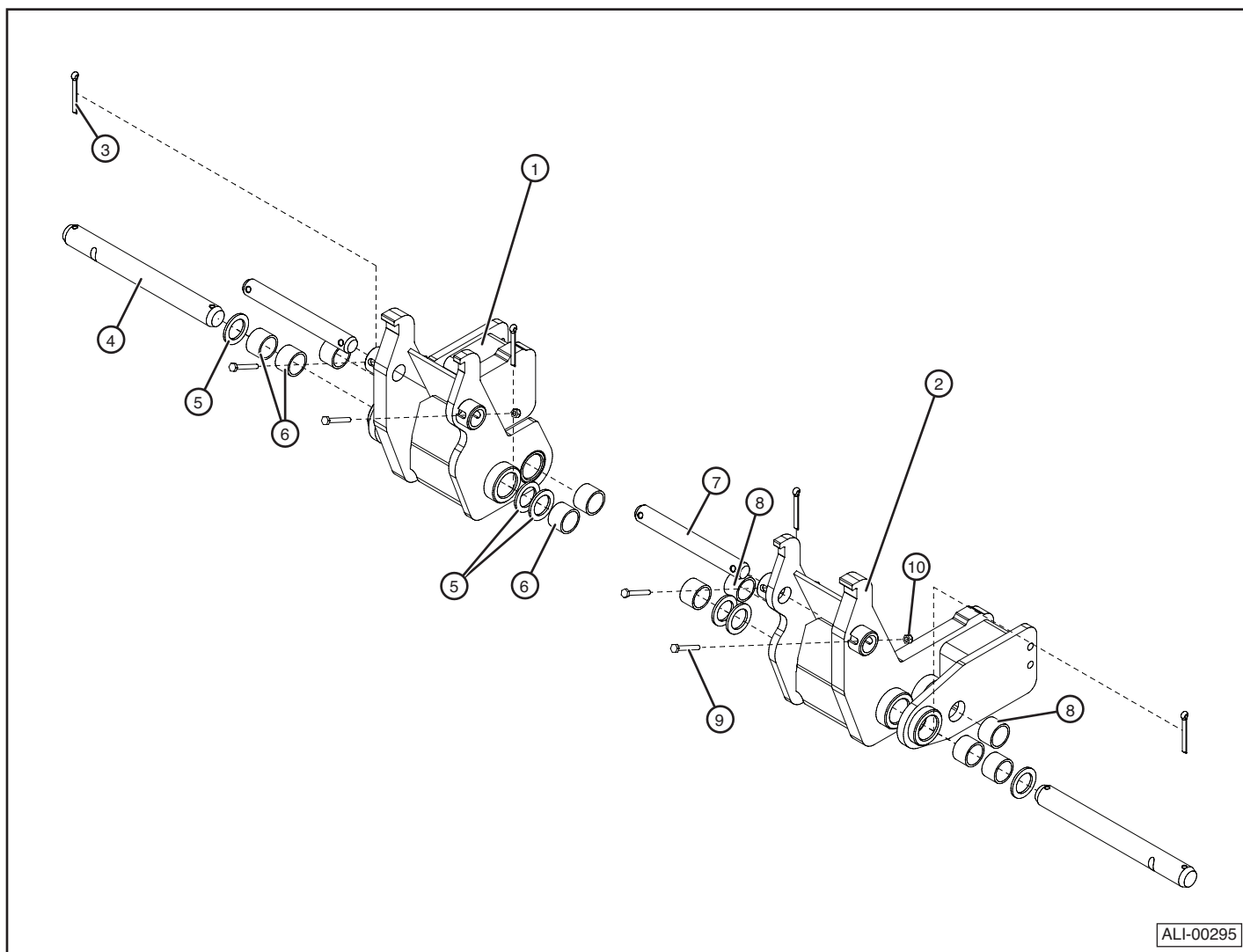
6. Frame Mounting Assembly



Item	Part Number	Description	Qty.
1	A-140871*	ADAPTER FRAME WELDMENT-LESS PUMP BOX - WR (FLAT ROCKER STOP-GEN3)	1
2	A-140936	ADAPTER FRAME WELDMENT WITH HITCH (GEN3)	1
3	A-140870*	ADAPTER FRAME WELDMENT - WR (FLAT ROCKER STOP-GEN3)	1
4	A-140365* A-140022*	MOUNTING PLATE - EX (BOLT ON GALVANIZED ADAPTER FRAME) MOUNTING PLATE (WELD ON STEEL ADAPTER FRAME)	2
5	A-140175	PIN: ROCKER TO ADAPTER FRAME (DIAM: 1.25", 11.875" LONG)	2
6	862	5/16-18 LOCKNUT	2
7	A-132132	5/16-18 X 2.5" HEX BOLT	2
8	A-140046	PIN: RADIUS ARM TO ADAPTER FRAME (DIAM.: 1.25", 3.5" LONG)	2
9	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	2
10	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	4
11	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	2
12	3139	1/2-13 NUT	1

Item	Part Number	Description	Qty.
13	A-140947	RADIUS ARM ASSY RH W/PLATFORM STOP	2
14	ATU-428	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1" LONG	2
15	ATU-426	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1" LONG	2
16	862	5/16-18 LOCKNUT	2
17	A-132132	5/16-18 X 2.5" HEX BOLT	2
18	A-140948	RADIUS ARM ASSY LH W/GATE LATCH & PLATFORM STOP	2
19	S-047004	1/4-20 X 1" SLOTTED ROUND HEAD BOLT	8
20	ATU-359	1/4-20 LOCKNUT	8
21	2051	1/4" FLAT WASHER	4-8
22	A-140090	BUMPER PAD	2-4
23	A-132337	1"-8 JAM NUT	2
24	A-140891	LATCH PIN	1
25	A-140419	WHEEL ARM ASSY - WR	1
26	ATU-260	1/2-13 X 1.25" GRADE 8 BOLT	1
27	1691	1/2" LOCKWASHER	1
28	A-140420	WHEEL ARM BASE WELDMENT - WR	1
29	A-150065	1/2" FLAT WASHER	1
30	ATU-259	1/2-13 X 2" GRADE 8 BOLT	1
31	A-132024	1/2-13 LOCKNUT	2
32	A-132112	1/2-13 X 2.5" GRADE 8 BOLT	2
33	A-140422	WHEEL ARM CHANNEL - WR	1
34	A-132039	3/8-24 X 3" GRADE 8 BOLT	1
35	2184	3/8-24 LOCKNUT	1
36	ATU-123	WHEEL ARM WHEEL (INCL. NUT AND BOLT; A-132039 & 2184)	1
37	A-132342	NYLOCK NUT	1

7. Rocker Assembly

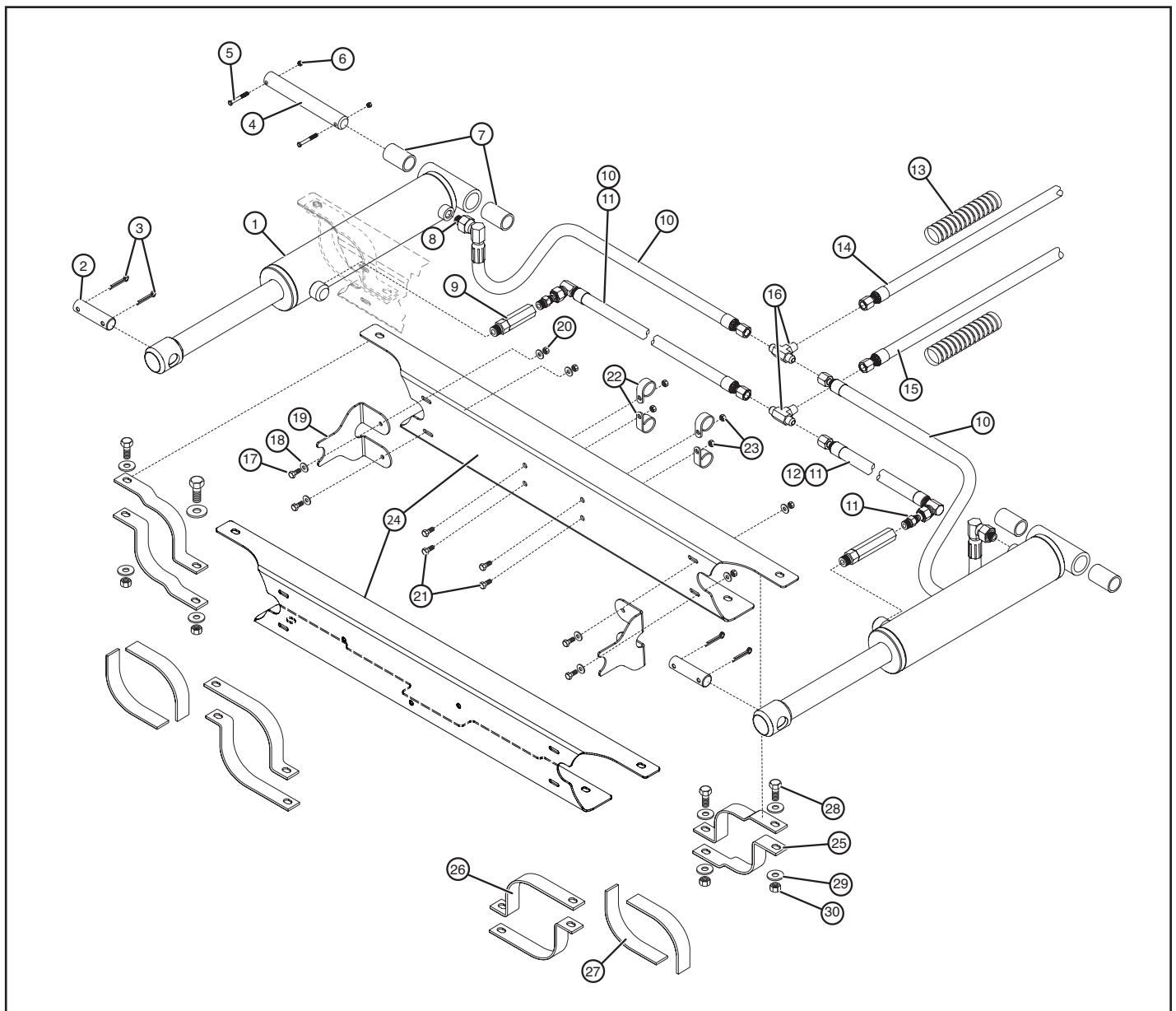


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Item	Part Number	Description	Qty.
1	A-140874*	LH ROCKER WITH BUSHINGS - FLAT TOP STOP-GEN3	1
2	A-140873*	RH ROCKER WITH BUSHINGS - FLAT TOP STOP-GEN3	1
3	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	4
4	A-140176	PIN: ROCKER TO LIFTFRAME (DIAM: 1.25", 11.875" LONG)	2
5	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	6
6	ATU-428	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1" LONG	8
7	A-140225	BUSHING	8
8	A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG) GEN3	2
9	ATU-358	1/4-20 X 2" GRADE 8 BOLT	4
10	ATU-359	1/4-20 LOCKNUT	4

* Available in galvanized finish by adding a "-G" to the part number when ordering.

8. Hydraulic Cylinders

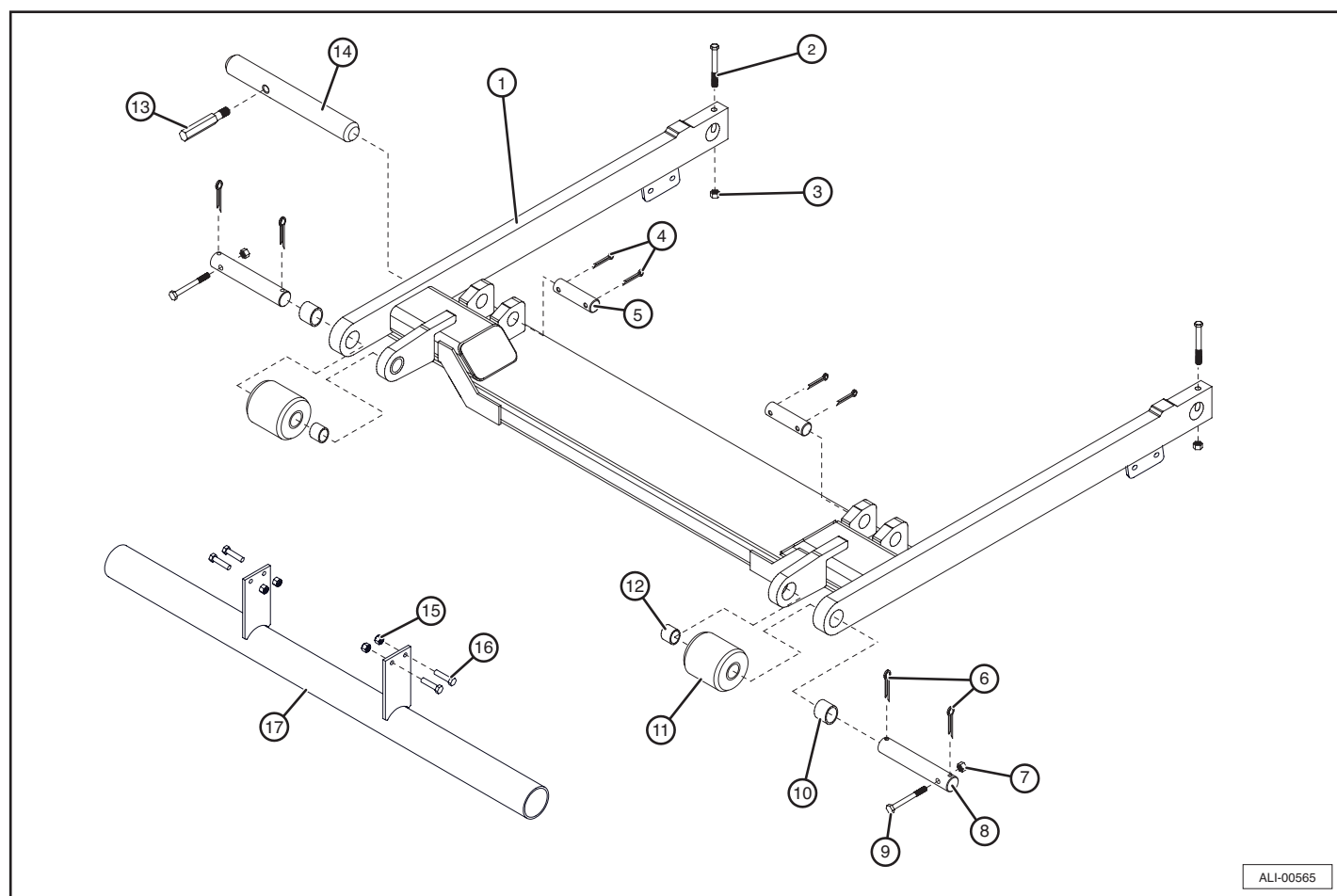


Item	Part Number	Description	Qty.
1	A-130113	HYDRAULIC CYLINDER ASSY 3000LB CAPACITY, INCL. BUSHINGS	2
	A-130114	HYDRAULIC CYLINDER ASSY 4000-6000LB CAPACITY, INCL. BUSHINGS	
2	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
3	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	4
4	A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG)	2
5	ATU-358	1/4-20 X 2" GRADE 8 BOLT	4
6	ATU-359	1/4-20 LOCKNUT	8
7	ATU-427	COMPOSITE BUSHING, 1" ID X 1.25" OD X 2" LONG	4
8	A-130198	FITTING: STRAIGHT ADAPTER (MALE SAE#6 TO MALE JIC#6)	2
9	A-130101	RESTRICTOR VALVE (2.25 GPM, 4000-6000LB CAPACITY)	2
	A-130104	RESTRICTOR VALVE (1.0 GPM, 3000LB CAPACITY)	
10	A-130383	HYDRAULIC HOSE ASSY (TRAY TO UPPER CYLINDER PORT, 18") (USE 3 ON HITCH MODELS)	2-3
11	A-130382	HYDRAULIC HOSE ASSY (TRAY TO LOWER CYLINDER PORT, 15") (NOT ON HITCH MODELS)	2
12	A-130391	HYDRAULIC HOSE ASSY (TRAY TO LOWER CYLINDER PORT, 11.5") (HITCH MODELS ONLY)	1
13	A-130339	HOSE GUARD	2

Item	Part Number	Description	Qty.
14	A-140380	HYDRAULIC HOSE ASSY (POWER PACK TO TRAY, "DOWN", 24")	1
15	A-130381	HYDRAULIC HOSE ASSY (POWER PACK TO TRAY, "UP", 35")	1
16	A-130205	TEE FITTING: 06MJ-06MJ-06MJ	2
17	A-132035	1/4-20 HEX BOLT	4
18	2051	1/4" FLAT WASHER	8
19	A-140861	HOSE TRAY SUPPORT	2
20	ATU-359	1/4-20 LOCKNUT	4
21	2145	5/16-18 X .75" FLANGE BOLT	4
22	A-132115	HYDRAULIC HOSE CLAMP, 5/8" STEEL/VINYL COATED	4
23	2114	5/16-18 FLANGE NUT, WHIZ-LOCK	4
24	A-140835*	HOSE TRAY	1
	A-140886	HOSE TRAY FOR HITCH ADAPTER FRAME (OPTIONAL)	
25	A-140833	3" CYLINDER CLAMP	4
26	A-140834	4" CYLINDER CLAMP	4
27	A-132333	RUBBER TAPE W/ADHESIVE	4
28	874	3/8-16 X 1" HEX BOLT	4
29	2058	3/8" FLAT WASHER	8
30	2064	3/8-16 LOCKNUT	4

* Available in galvanized finish by adding a "-G" to the part number when ordering.

9. Lift Frame

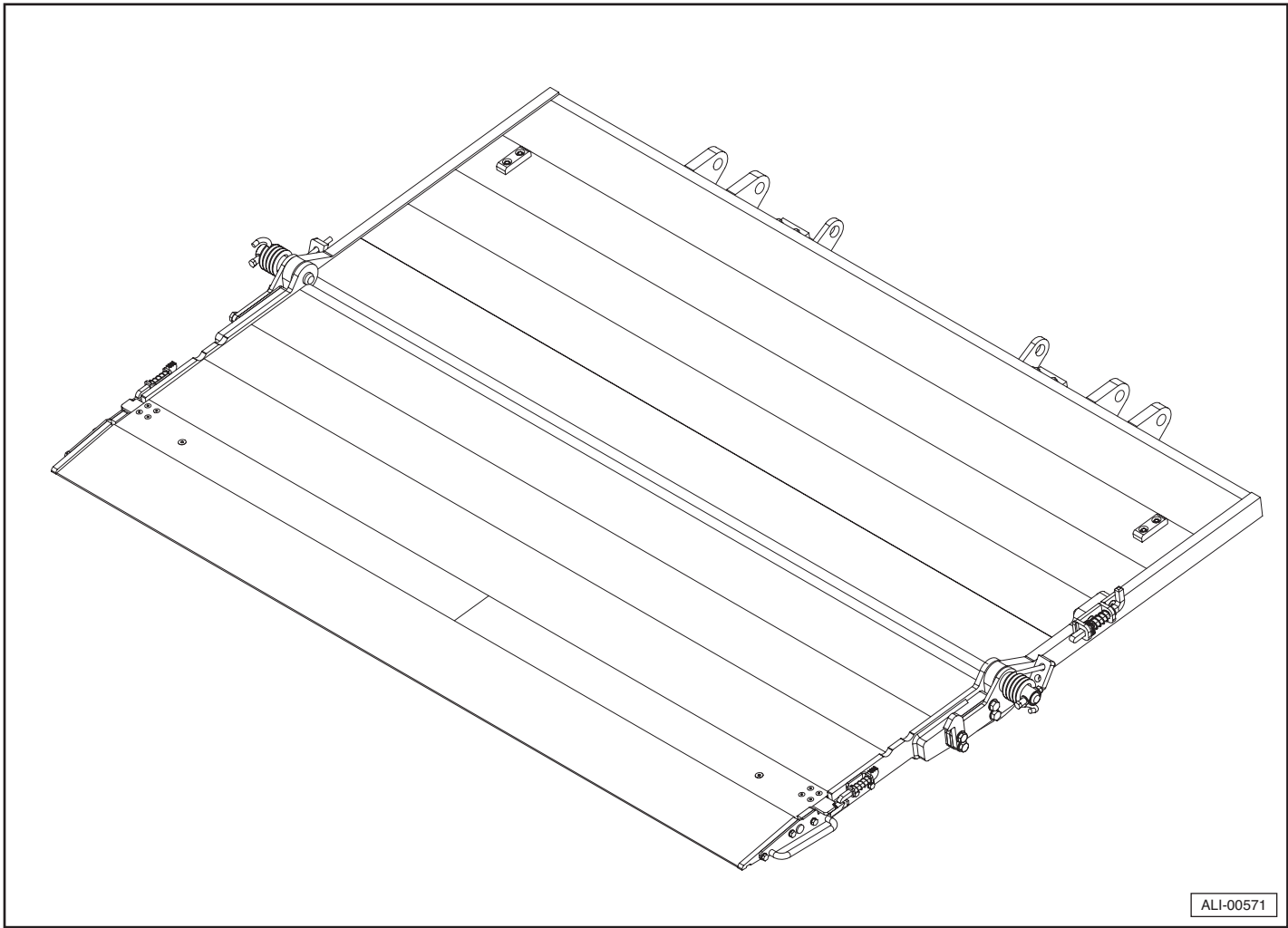


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Item	Part Number	Description	Qty.
1	A-140824*	LIFTFRAME WELDMENT - WR (WITH BUSHINGS)	1
	A-140403*	LIFTFRAME WELDMENT - WR (NO BUSHINGS)	
2	A-132039	3/8-24 X 3" GRADE 8 BOLT	2
3	2184	3/8-24 LOCKNUT	2
4	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	8
5	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
6	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	8
7	862	5/16-18 LOCKNUT	2
8	A-140418	PIN: CAM AND ROLLER TO LIFTFRAME - WR	2
9	869	5/16-18 X 2" HEX BOLT	2
10	ATU-426	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1" LONG	2
11	A-140423	ROLLER - MED (STEEL INCL. BUSHINGS) - WR	2
12	ATU-429	COMPOSITE BUSHING, 1" ID X 1.25" OD X .75" LONG	2
13	ATU-557	LATCH HANDLE	1
14	ATU-556	LATCH PIN	1
15	A-132301	1/2-13 NYLOCK GR8 NUT ZP	4
16	ATU-259	1/2-13 X 2" H/H C/S GR. 8 ZP	4
17	ATU-5163	ICC BUMPER ATTACHMENT W/M DCT	1

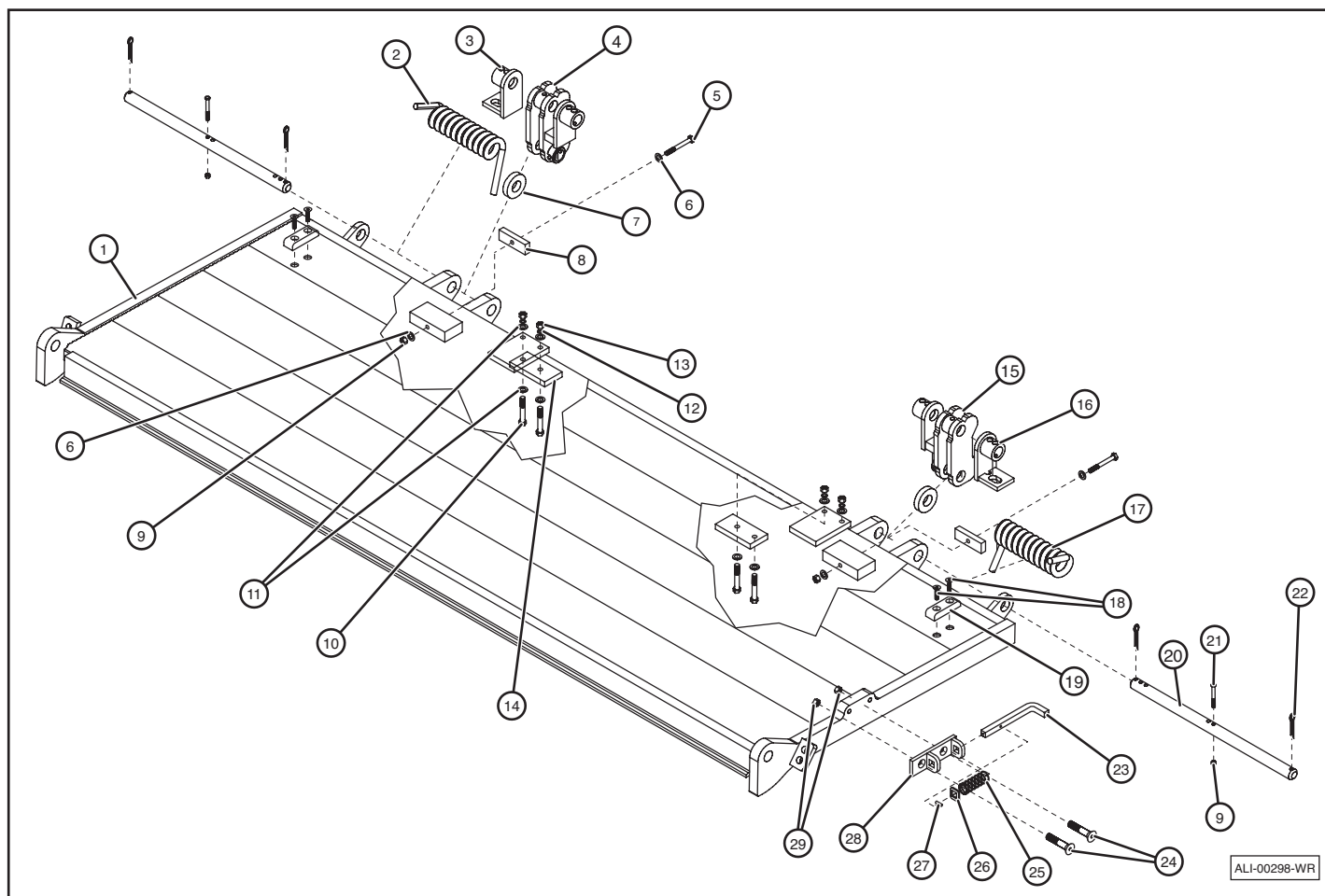
* Available in galvanized finish by adding a "-G" to the part number when ordering.

10. Platform Assemblies



Item	Part Number	Description	Qty.
90	A-140468	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, WALKRAMP, NO CARTSTOPS, O/B WHEEL (ALL ALUM: A-140408 & A-140467)	1
	A-141035	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, WALKRAMP, WITH GEN 2 CARTSTOPS, O/B WHEEL (ALL ALUM: A-140408 & A-140971)	

11. Main Platform

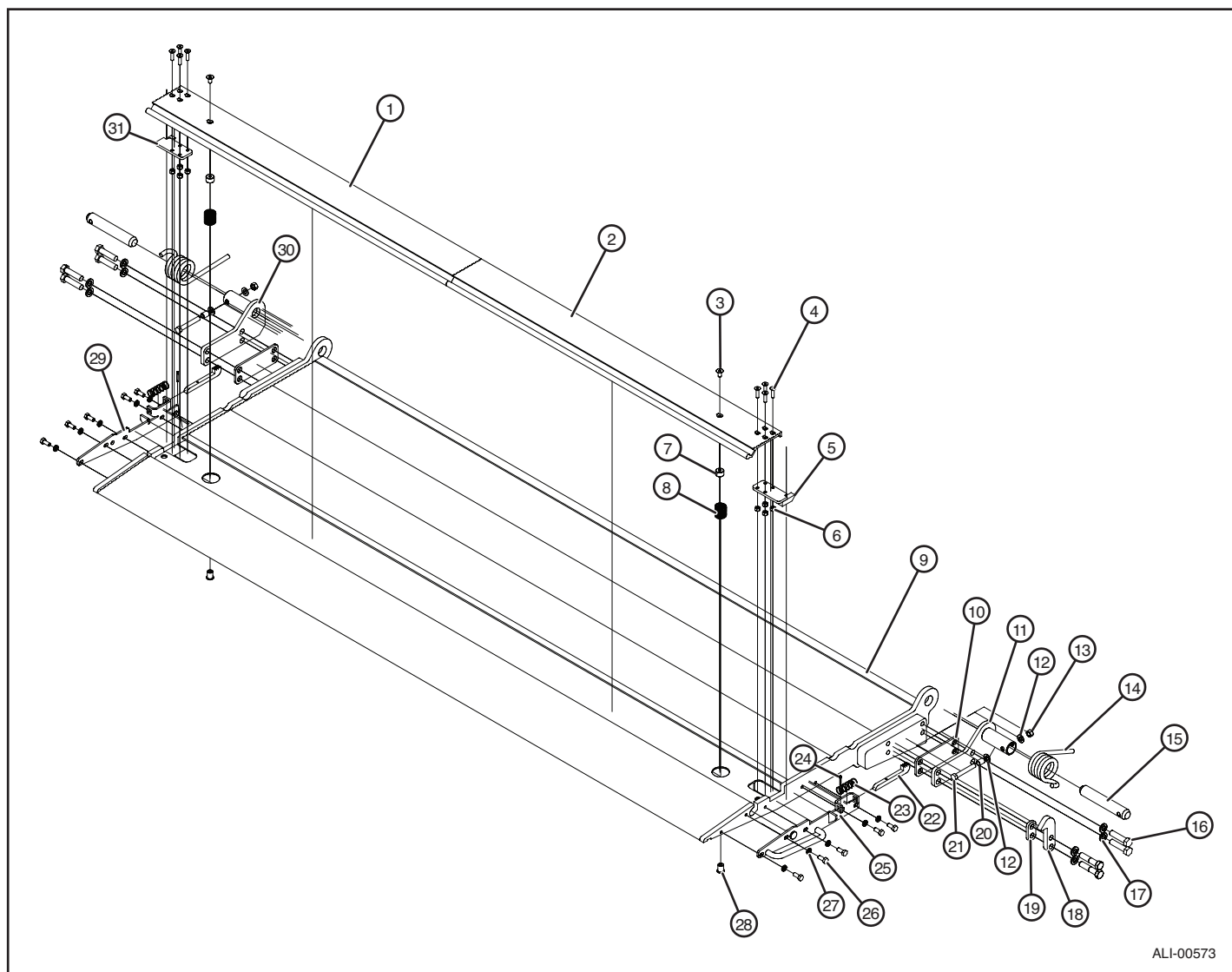


Item	Part Number	Description	Qty.
1	A-140408	MAIN PLATFORM WELDMENT, ALUM, LOW PROFILE, WALKRAMP, OUTBOARD SPRINGS	1
2	ATU-100-R	SPRING, ALUM MAIN PLATFORM, CURBSIDE (STREETSIDE ON THIS PLATFORM)	1
3	A-140416	SPRING LOCK WELDMENT - LH, WR	1
4	A-140410*	CAM WELDMENT-STREETSIDE - WR	1
5	A-132266	5/16-18 X 3" HEX BOLT GRADE 8	2
6	2110	5/16" FLAT WASHER	4
7	A140882-P	SPACER	2
8	A-140302	CAM PLATE	2
9	862	5/16-18 LOCKNUT	2
10	2019	3/8-16 X 1.75" BOLT	6
11	2058	3/8" FLAT WASHER	8
12	2054	3/8" LOCKWASHER	4
13	P-162	3/6-16 HEX NUT	4
14	A-140316	SPRING PLATE	2
15	A-140409*	CAM WELDMENT-CURBSIDE - WR	1
16	A-140415	SPRING LOCK WELDMENT - RH, WR	1
17	ATU-518-L	SPRING, STEEL OR ALUM MAIN PLATFORM, STREETSIDE (CURBSIDE ON THIS PLATFORM)	1
18	A-150159	1/4-14 X 1 SELF-TAPPING SCREW	4
19	A-140090	BUMPER PAD	2
20	A-140417	PIN: ALUM PLATFORM TO LIFTFRAME - WR	2
21	A-132148	5/16-18 X 2" SOCKET CAP SCREW	2
22	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	4

Item	Part Number	Description	Qty.
23	ATU-926	LATCHPIN	1
24	A-132276	3/8-16 X 1.75" FLATHEAD BOLT	2
25	ATU-929	SPRING	1
26	ATU-975	SQUARE WASHER	1
27	A-132283	3/16 X 1" STAINLESS ROLL PIN	1
28	A-140292	LATCHPLATE WELDMENT	1
29	2064	3/8-16 LOCKNUT	4

* Available in galvanized finish by adding a "-G" to the part number when ordering.

12. Flip-Over Platform (Aluminum)

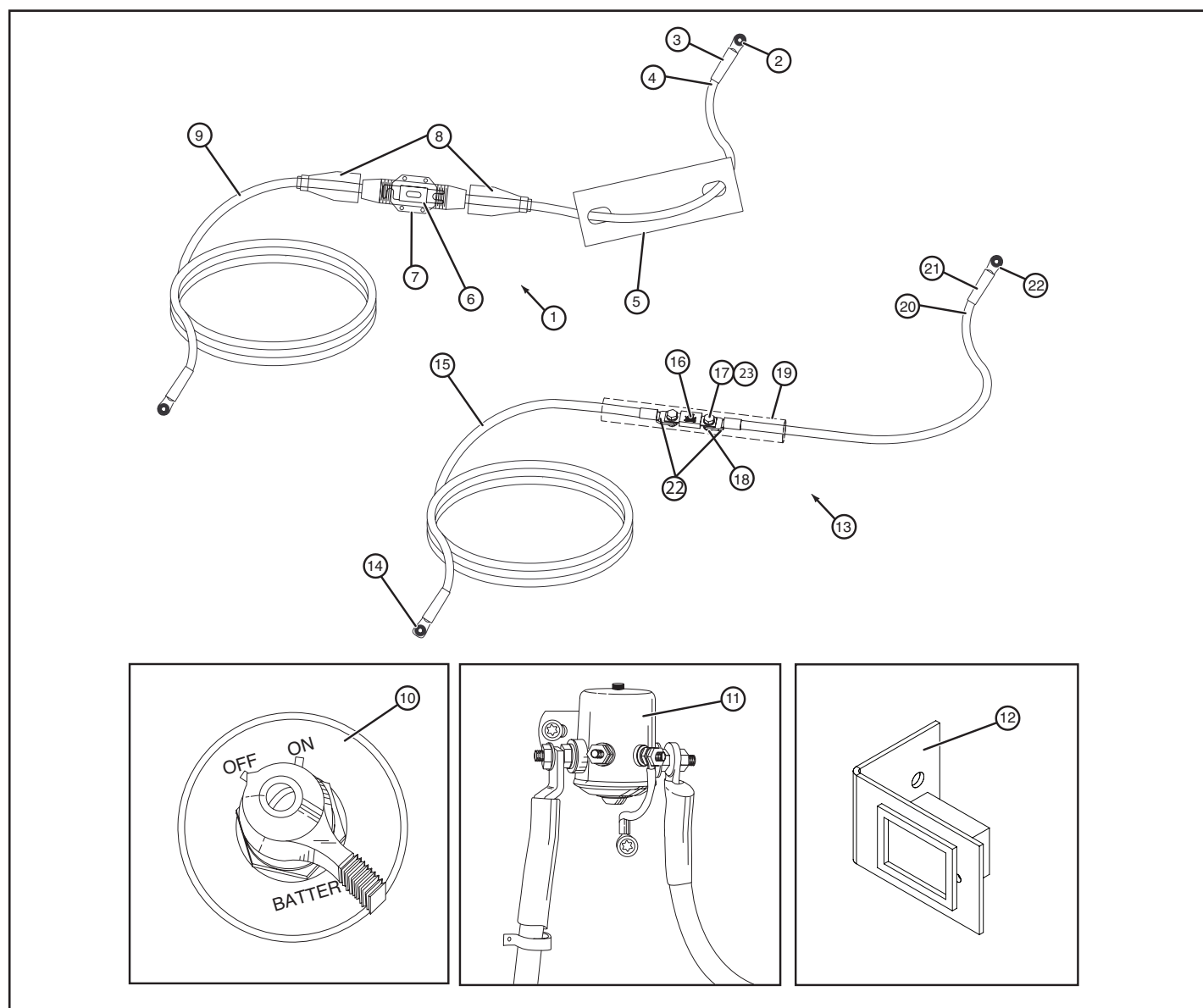


ALI-00573

Item	Part Number	Description	Qty.
—	A-141176	CARTSTOP PARTS GROUP GEN2 - RH	1
	A-141177	CARTSTOP PARTS GROUP GEN2 - LH	
1	A-140975	CART STOP FLIPPER-LH GEN2 LATCH 80" P/F	1
2	A-140974	CART STOP FLIPPER-RH GEN2 LATCH 80" P/F	1
3	A-132350	5/16-18 x 3/4" FH S/C/S ZP	2
4	A-132259	1/4-20 X 1" F/H S/C/S ZP	8
5	A-140977	CARTSTOP LATCH WELDMENT - RH	1
6	ATU-359	1/4-20 TOP L/N GR. C ZP	8
7	A-150910	SPRING STEM	2
8	A-150911	SPRING, COMPRESSION - CART STOP FLIPPER	2

Item	Part Number	Description	Qty.
9	A-140467	FLIP-OVER PLATFORM WELDMENT - ALUM, LOW PROFILE, NO CARTSTOPS, OUTBOARD WHEEL ARM	1
	A-140971	FLIP-OVER PLATFORM WELDMENT - ALUM, LOW PROFILE, WITH GEN 2 CARTSTOPS, OUTBOARD WHEEL ARM	
10	A-140239	HINGE SPACER - FOR RETRO FITMENT	2
11	A-140816	HINGE WELDMENT-CURB SIDE,LOW PROFILE	1
12	A-132251	UNHARDENED FLAT WASHER M10	4
13	2184	3/8-24 REVERSIBLE HEX L/N GR. 8 ZP	2
14	ATU-326-M	PLATFORM ASSIST SPRING	2
15	ATU-647	PIN: FLIP TO MAIN PLATFORM	2
16	ATU-259	1/2-13 X 2" H/H C/S GR. 8 ZP	6
17	1691	1/2" LOCK WASHER	8
18	A-140366	MTU PLATFORM LATCH-LOW PROFILE	1
19	A-140546	MTU PLATFORM LATCH SPACER	1
20	A-132150	SPACER .375" X .625" LG.	2
21	A-132146	3/8-24 X 2-1/2" H/H BOLT GR8 ZP	2
22	A-140976	CARTSTOP LATCH	2
23	A-150066	SPRING, COMPRESSION - LATCH HOOK FOR POP-UP C/S	2
24	A-150067	1/8 X 3/4 COTTER PIN	2
25	A-140987	RH SIDEBAR LATCH WELDMENT	1
26	5434	5/16-18 X .75" HEX BOLT	10
27	6611	5/16 SPLIT LOCKWASHER	10
28	A-132099	5/16 - 18 THREADED INSERT	2
29	A-140986	LH SIDEBAR LATCH WELDMENT	1
30	A-140815	HINGE WELDMENT-STREET SIDE,LOW PROFILE	1
31	A-140978	CARTSTOP LATCH WELDMENT - LH	1

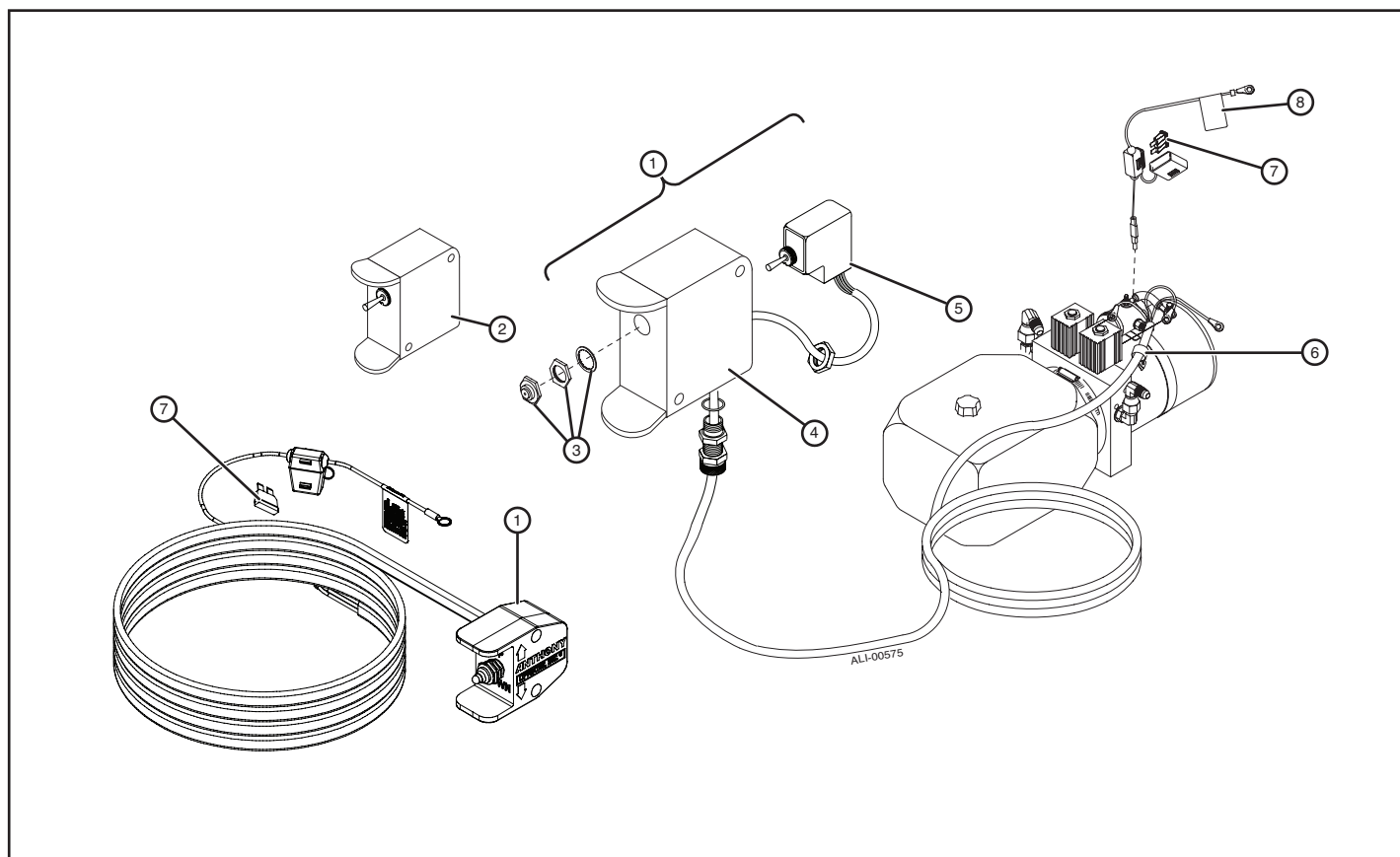
13. Fuse Assembly and Miscellaneous Accessories



200 AMP OPTION			
Item	Part Number	Description	Qty.
1	A-133105	POWER CABLE WITH 200A FUSE ASSY	1
2	A-133003	3/8" ANTI-ROTATIONAL LUG	2
3	A-150990	HEAT SHRINK TUBING	2
4	A-150608	#2 RED POWER CABLE (30" AND 30' PIECES)	1
5	A-131036	WIRE DECAL: FUSE REPLACEMENT INSTRUCTIONS	1
6	A-133063	FUSE, 200A	1
7	A-133062	FUSE HOLDER, IN-LINE	1
8	A-133048	BOOT, WEATHER SEAL, RUBBER	2
9	A-150608	#2 RED POWER CABLE (30" AND 30' PIECES)	—
10	A-133038 A-150031	CUT-OFF SWITCH KIT-MANUALLY OPERATING SWITCH, CUT-OFF - MANUALLY OPERATING	1
11	A-133036 A-150263	SWITCH, CUT-OFF - SOLENOID KIT CUT-OFF SOLENOID	1
12	A-133354	CYCLE COUNTER KIT	1

175 AMP OPTION			
Item	Part Number	Description	Qty.
13	A-133604	36' 2/0 POWER CABLE W/FUSE ASSY. 175 AMP	1
14	A-133003	3/8" ANTI-ROTATIONAL LUG	1
15	A-150608-010	2/0 CABLE	1
16	A-133603	HI-AMP FUSE, 175A	1
17	5435	5/16-18 X .75" HEX BOLT	2
18	4614	5/16-18 FINISHED H/N ZP	2
19	A-133606	HEAT SHRINK (8")	1
20	A-150608-420	2/0 CABLE	1
21	A-150990	HEAT SHRINK (2.5")	2
22	A-133605	5/16" ANTI-ROTATIONAL LUG - #4 CABLE	3
23	6611	5/16 SPLIT LOCKWASHER	2

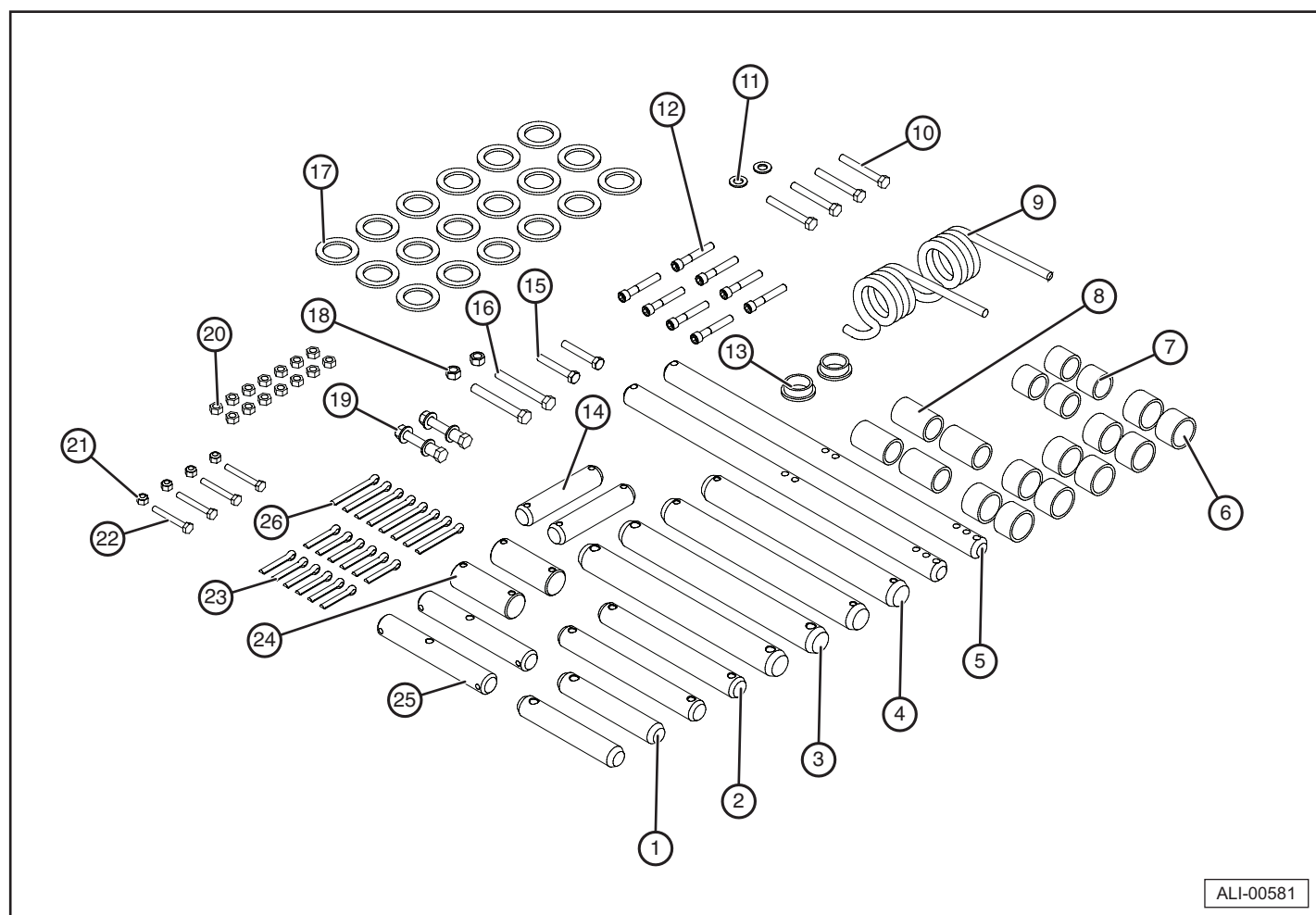
14. Control Switch Assembly



Item	Part Number	Description	Qty.
1	ATU-133553	SWITCH ASSY: POWER DOWN SWITCH ASSY W/CABLE, PLASTIC BOX (2.5 X 3 X 1) (PRIOR TO MAY 2019)	1
	A-133619	GRAVITY DOWN SWITCH ASSY W/CABLE (AFTER MAY 2019, NO SERVIABLE PARTS)	
	A-133620	POWER DOWN SWITCH ASSY W/CABLE (AFTER MAY 2019, NO SERVIABLE PARTS)	
2	ATU-1221	SWITCH: PLASTIC BOX AND SWITCH, NO CABLE	1
3	A-133144	SWITCH ONLY: RAISE/LOWER TOGGLE (POTTED ASSY)	1
4	ATU-1215	PLASTIC SWITCH BOX	1
5	A-133144	SWITCH ONLY: RAISE/LOWER TOGGLE (POTTED ASSY)	1
6	A-150472	CABLE CLAMP, 1/2" (STEEL/VINYL COATED)	1
7	A-150438	FUSE, 10A	1
8	A-131001	DECAL: 10A FUSE & HOLDER	1

[illegible]

15. Pin and Bushing Kits



ALI-00581

Item	Part Number	Description	Qty.
—	A-140935	PIN KIT: MTU-GLR-WR-A GEN3 (ALL ALUM PLATFORM)	1
1	ATU-647	PIN: FLIP TO MAIN PLATFORM (DIAM: 1", 5.935" LONG)	2
2	A-140174 A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.125" LONG) (GEN1 & 2 ROCKERS) PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG) (GEN3 ROCKERS)	2
3	A-140175	PIN: ROCKER TO ADAPTER FRAME (DIAM: 1.25", 11.875" LONG)	2
4	A-140176	PIN: ROCKER TO LIFTFRAME (DIAM: 1.25", 11.875" LONG)	2
5	A-140417	PIN: ALUM PLATFORM TO LIFTFRAME - WR	2
6	ATU-428	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1" LONG	10
7	ATU-426	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1" LONG	4
8	ATU-427	COMPOSITE BUSHING, 1" ID X 1.25" OD X 2" LONG	4
9	ATU-326-M	SPRING, PLATFORM ASSIST - FLIP TO MAIN	2
10	A-132132	5/16-18 X 2.5" HEX BOLT	4
11	A-132251	M10 FLAT WASHER	2
12	A-132148	5/16-18 X 2" SOCKET CAP SCREW	8
13	A-176844	BRONZE BUSHING	2
14	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
15	869	5/16-18 X 2" HEX BOLT	2
16	A-132039	3/8-24 X 3" GRADE 8 BOLT	2
17	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	18
18	2184	3/8-24 LOCKNUT	2
19	ATU-944	FASTENER KIT	2

Item	Part Number	Description	Qty.
20	862	5/16-18 LOCKNUT	14
21	ATU-359	1/4-20 LOCKNUT	4
22	ATU-358	1/4-20 X 2" GRADE 8 BOLT	4
23	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	12
24	A-140046	PIN: RADIUS ARM TO ADAPTER FRAME (DIAM.: 1.25", 3.5" LONG)	2
25	A-140418	PIN: CAM AND ROLLER TO LIFTFRAME - WR	2
26	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	8

16. Safety and Instructional Decals

SAFETY INSTRUCTIONS



To prevent personal injury from not being aware of safety recommendations, make sure all decals are attached to the liftgate and/or truck and are legible at all times!

Item	Part Number	Description	Qty.
1	ATU-147	DECAL: 3000LB MAXIMUM CAPACITY	1
2	A-171433	DECAL: 4000LB	1
3	A-131001	DECAL: 10A FUSE & HOLDER	1
4	A-131017	DECAL: NOTE - DISENGAGE LATCH	1
5	A-131028	DECAL: WELD WARNING	1
6	A-131034	DECAL: ANTHONY LABEL	1
7	A-131070	DECAL: LIFTGATE SECURITY	1
8	A-131071	DECAL: OPERATING INSTRUCTIONS FOR CONTROL MODULE	1
9	A-131072	LVC "QUICK START" SHEET	1
10	A-131075	DECAL: MTU HYDRAULIC OIL LEVEL	1
11	A-131106	DECAL: WARNING - REMOVE BOLTS AFTER INSTALLATION	2
12	A-150601	DECAL: MADE IN THE USA	1
13	ATU-141	DECAL: AFTER USING LIFTGATE	1
14	ATU-146	DECAL: STAND CLEAR	2
15	A-131045	DECAL: OPERATING INSTRUCTIONS	1
16	ATU-424	DECAL: WARNING - RESET CIRCUIT BREAKER	1
17	A-131115	DECAL: WARNING - PERSONAL INJURY	1
18	A-150238	DECAL: NOTICE - PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	
19	ATU-143	DECAL: SECURE LATCH WHILE IN TRANSIT	
20	A-131036	WIRE DECAL: WARNING - FUSE REPLACEMENT INSTRUCTIONS (200 AMP FUSE ONLY)	1

Decal Kits

Part Number	Description	Qty.
A-140120	DECAL/INSTALL KIT (3000LB CAPACITY)	1
A-140121	DECAL/INSTALL KIT (4000LB CAPACITY)	1
L-401	MTU-GLR INSTALLATION, MAINTENANCE, AND OPERATION MANUALS	1
A-140705	DECAL KIT ONLY (3000LB CAPACITY)	1
A-140706	DECAL KIT ONLY (4000LB CAPACITY)	1

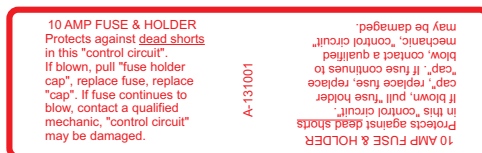
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2 — A-171433



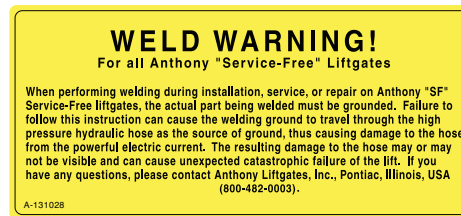
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4 — A-131017



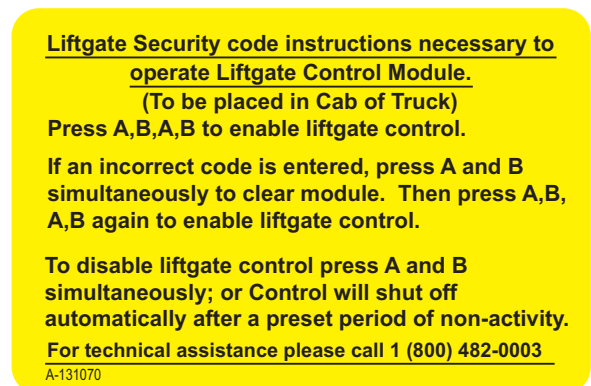
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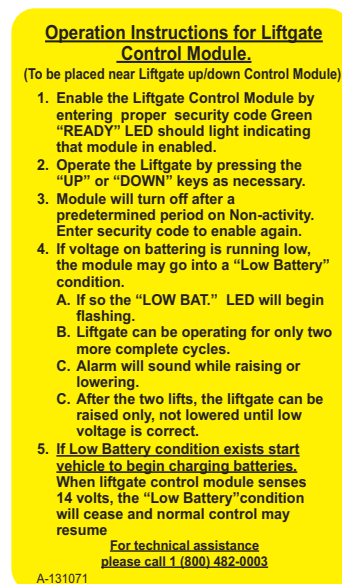
6 — A-131034



7 — A-131070



8 — A-131071



9 — A-131072

Anthony Liftgates Low Voltage Control (LVC) w/cycle counter
Important! This information is to be delivered to truck owner/operators.
Quick Start:

1. Enable the module by entering security code: Press A, R, A, R keys.
2. Green "READY" LED should light indicating that module is enabled. Note that when the "A" and "R" keys were being pressed the red "POWER ON" LED will light.
3. Operate the liftgate by pressing the "UP" or "DOWN" keys as necessary. If equipped, the optional "handheld remote control" up/down switch can also be used.
4. Module will turn off after 90 seconds of non-activity. Enter security code to enable again.
5. If the battery is running low, the module may go into a "Low Battery" condition.
 - a) If so, the "LOW BAT" LED will begin flashing.
 - b) Liftgate can be operated only two more complete cycles.
 - c) Alarm will sound while raising or lowering.
 - d) After the low batt, the liftgate can be "reset" only, and cannot be "lowered" until the low voltage condition is corrected.

See below for Wiring Legend

Wire Connections for the Low Voltage Control (LVC)

Wire Color	"Gravity" Down Liftgate	"Power" Down Liftgate
White	Wired as Gravity Down	Wired as Power Down
Red	Wired as Power Down	Wired as Gravity Down
Blue	Wired as "UP" (Lift)	Wired as "UP" (Lift)
Green	Wired as "DOWN" (Lower)	Wired as "DOWN" (Lower)
Black	Wired as "UP" (Lift)	Wired as "DOWN" (Lower)

When installing a second control on a liftgate with an LVC control:
1. Connect all terminals into a single 12V source. Do not place in the "Mast" wire from LVC.
2. The color type of remote control is used on both Gravity Down or Power Down Liftgates. A standard "gravity" down with the other application.
A-131072

10 — A-131075

Procedure for Checking Hydraulic Oil Level on all MTU Tuckunder Liftgates

Hydraulic oil level should be 2" from the top of the reservoir with the platform unfolded and in the fully raised position.

A-131075

11 — A-131106

WARNING
MUST REMOVE AND DISCARD
INSTALLATION BOLTS ON
"ROCKER ASSEMBLIES"
BEFORE OPERATING
LIFTGATE

A-131106

12 — A-150601

**PROUDLY
MADE IN USA**

A-150601

13 — ATU-141

**AFTER USING LIFTGATE, SECURE
LATCH AND, IF EQUIPPED WITH
POWER CUT OFF SWITCH, TURN
OFF POWER TO PREVENT
UNAUTHORIZED USE OF LIFTGATE.**

ATU-141

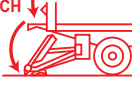
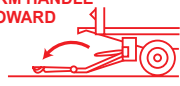
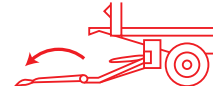
14 — ATU-146

STAND CLEAR
DO NOT RIDE
ON LIFT

ATU-146

15 — A-131045

**ANTHONY "MTU-GLR" SERIES LIFTGATE
OPERATING INSTRUCTIONS**

1. **UNLATCH LIFTGATE BY TWISTING, THEN SLIDING "LATCH PIN" IN DIRECTION OF ARROW.** 
2. **LOWER PLATFORM BY PUSHING CONTROL SWITCH TO "DOWN" POSITION.**
PLATFORM WILL BEGIN TO OPEN AS IT LOWERS 
3. **UNFOLD PLATFORM BY PULLING PLATFORM HANDLE OUTWARD AND TOWARD GROUND.** 
4. **UNFOLD "FLIP" SECTION** 
5. **TO RAISE THE PLATFORM:**
PRESS THE "UP" BUTTON, PLATFORM WILL TILT UP, THEN BEGIN TO RAISE.
-OR-
TO LOWER THE PLATFORM:
PRESS THE "DOWN" BUTTON, PLATFORM LOWERS UNTIL IT CONTACTS THE GROUND, THEN TILTS DOWNWARDS TOWARDS GROUND.
NOTE: PLATFORM RIDES THRU THE LIFTING AND LOWERING CYCLE. AS THE ROLLERS CONTACT THE GROUND WHEN LOWERING, THE PLATFORM BEGINS TILTING, CONTINUE UNTIL THE RAMP EDGE TOUCHES THE GROUND. LOAD/UNLOAD THE PLATFORM.
6. **TO PLACE LIFTGATE BACK TO STORED POSITION, LOWER PLATFORM TO GROUND AND REVERSE STEPS 1, 2, 3, & 4.**

ANTHONY LIFTGATES, INC
1037 WEST HOWARD ST. PONTIAC, IL 61764
A-131045

16 — ATU-424

WARNING

To avoid injury, be certain liftgate area is clear before resetting circuit breaker.

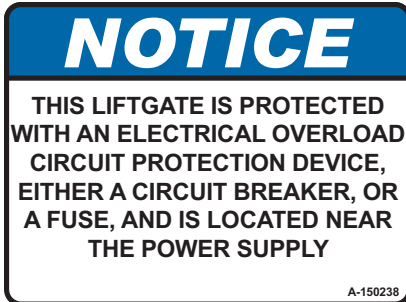
Circuit breaker must cool before resetting. Reset by pressing lever (or button). If circuit breaker continues to trip, contact a qualified mechanic.

ATU-424

17 — A-131115



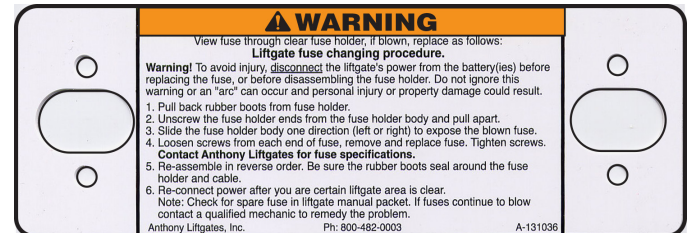
18 — A-150238



19 — ATU-143



20 — A-131036 (200 AMP FUSE ONLY)



A-140120 — DECAL/INSTALL KIT (3000LB CAPACITY)

Part Number	Description	Qty.
A-133063	FUSE, 200A (not shown)	1
L-401	MTU-GLR INSTALLATION AND OPERATION MANUAL (not shown)	1
ATU-147	DECAL: 3000LB MAXIMUM CAPACITY	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	1
A-131028	DECAL: WELD WARNING	1
ATU-141	DECAL: AFTER USING LIFTGATE	2
ATU-146	DECAL: STAND CLEAR	2
A-131045	DECAL: OPERATING INSTRUCTIONS	1
A-131115	DECAL: WARNING - PERSONAL INJURY	2
A-150238	DECAL: NOTICE - PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	1
ATU-071	LEVELING SHIM (not shown)	6

A-140705 — DECAL KIT ONLY (3000LB CAPACITY)]

Part Number	Description	Qty.
ATU-147	DECAL: 3000LB MAXIMUM CAPACITY	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	1
A-131028	DECAL: WELD WARNING	1
A-131034	DECAL: ANTHONY LABEL	1
A-131075	DECAL: MTU HYDRAULIC OIL LEVEL	1
A-150601	DECAL: MADE IN THE USA	1
ATU-141	DECAL: AFTER USING LIFTGATE	2
A-131045	DECAL: OPERATING INSTRUCTIONS	1
A-131115	DECAL: WARNING - PERSONAL INJURY	1
A-150238	DECAL: NOTICE - PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	1

A-140121 — DECAL/INSTALL KIT (4000LB CAPACITY)]

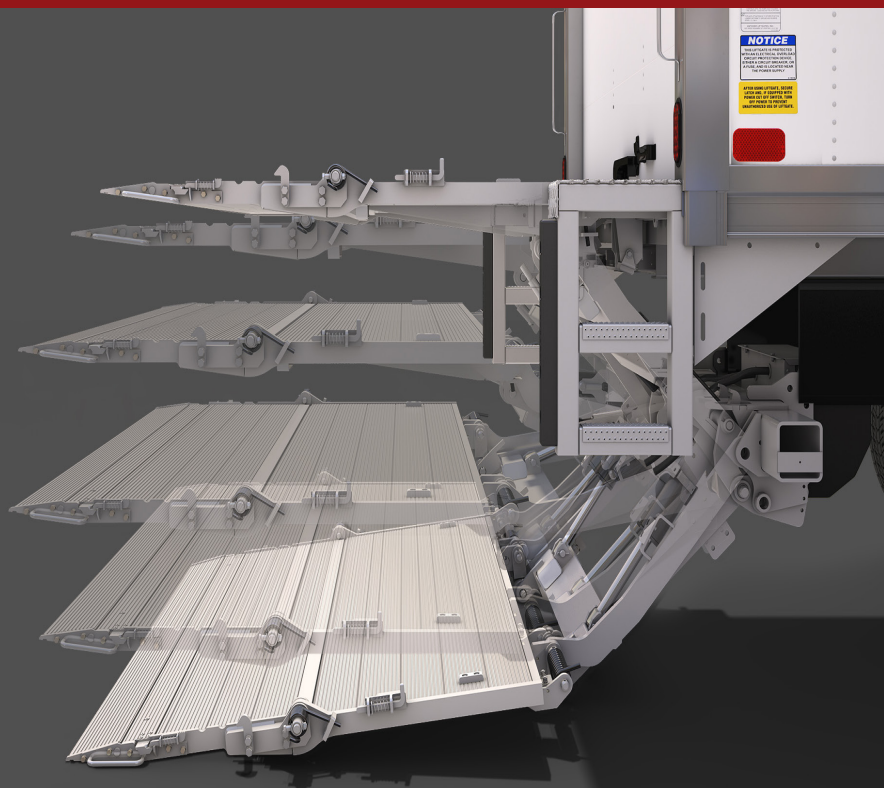
Part Number	Description	Qty.
A-133063	FUSE, 200A (not shown)	1
L-401	MTU-GLR INSTALLATION AND OPERATION MANUAL (not shown)	1
A-171433	DECAL: 4000LB MAXIMUM CAPACITY	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	1
A-131028	DECAL: WELD WARNING	1
ATU-141	DECAL: AFTER USING LIFTGATE	2
ATU-146	DECAL: STAND CLEAR	2
A-131045	DECAL: OPERATING INSTRUCTIONS	1
A-131115	DECAL: WARNING - PERSONAL INJURY	2
A-150238	DECAL: NOTICE - PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	1
ATU-071	LEVELING SHIM (not shown)	6

A-140706 — DECAL KIT ONLY (4000LB CAPACITY)]

Part Number	Description	Qty.
A-171433	DECAL: 4000LB MAXIMUM CAPACITY	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	1
A-131028	DECAL: WELD WARNING	1
A-131034	DECAL: ANTHONY LABEL	1
A-131075	DECAL: MTU HYDRAULIC OIL LEVEL	1
A-150601	DECAL: MADE IN THE USA	1
ATU-141	DECAL: AFTER USING LIFTGATE	2
A-131045	DECAL: OPERATING INSTRUCTIONS	1
A-131115	DECAL: WARNING, PERSONAL INJURY	2
A-150238	DECAL: NOTICE, PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	1

Gentle Level Ride (GLR)

Our platform maintains a smooth, level up and down operation until the platform reaches the ground and then tilts gently forward. The platform then re-levels itself at the start of the lifting cycle.



THE ORIGINAL NAME IN LIFTGATES - SINCE 1941

ANTHONY
LIFTGATES, INC.®

MTU-GLR

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