

ANTHONY
LIFTGATES, INC.®

PARTS BOOK

MTU-GLR

MTU-GLR-5-6
MTU-GLR-5-6



QUALITY, RELIABILITY, CUSTOMER SERVICE

MADE IN THE USA 

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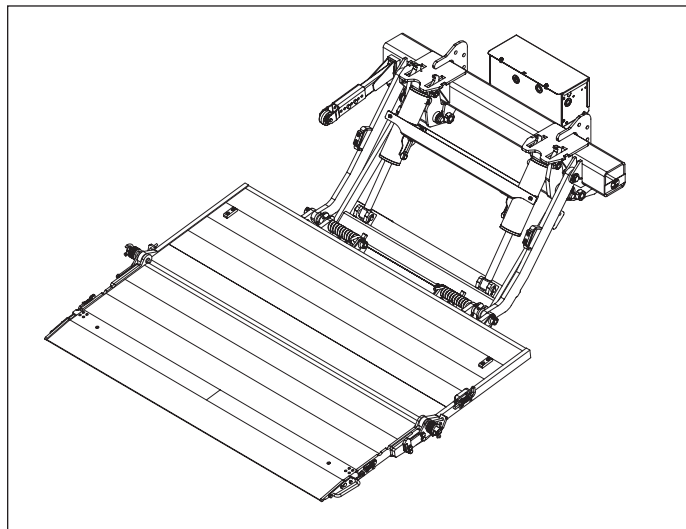
1. General Information Section MTU-GLR 5-6 Only

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 5-6 models and MTU-GLR 5-6 liftgates ship completely assembled for fast, clean, and easy installation.

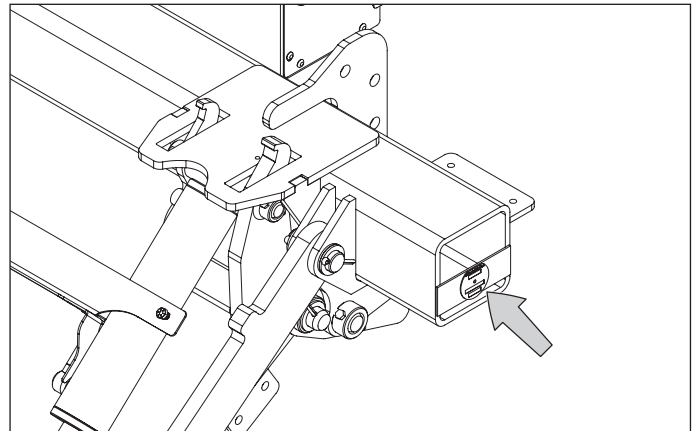
To ensure your liftgate will perform to your expectations, we have provided this Installation Manual, which is designed to provide you with the necessary installation instructions and safety precautions for the installation of the MTU-GLR 5-6 TuckUnder™ liftgates.



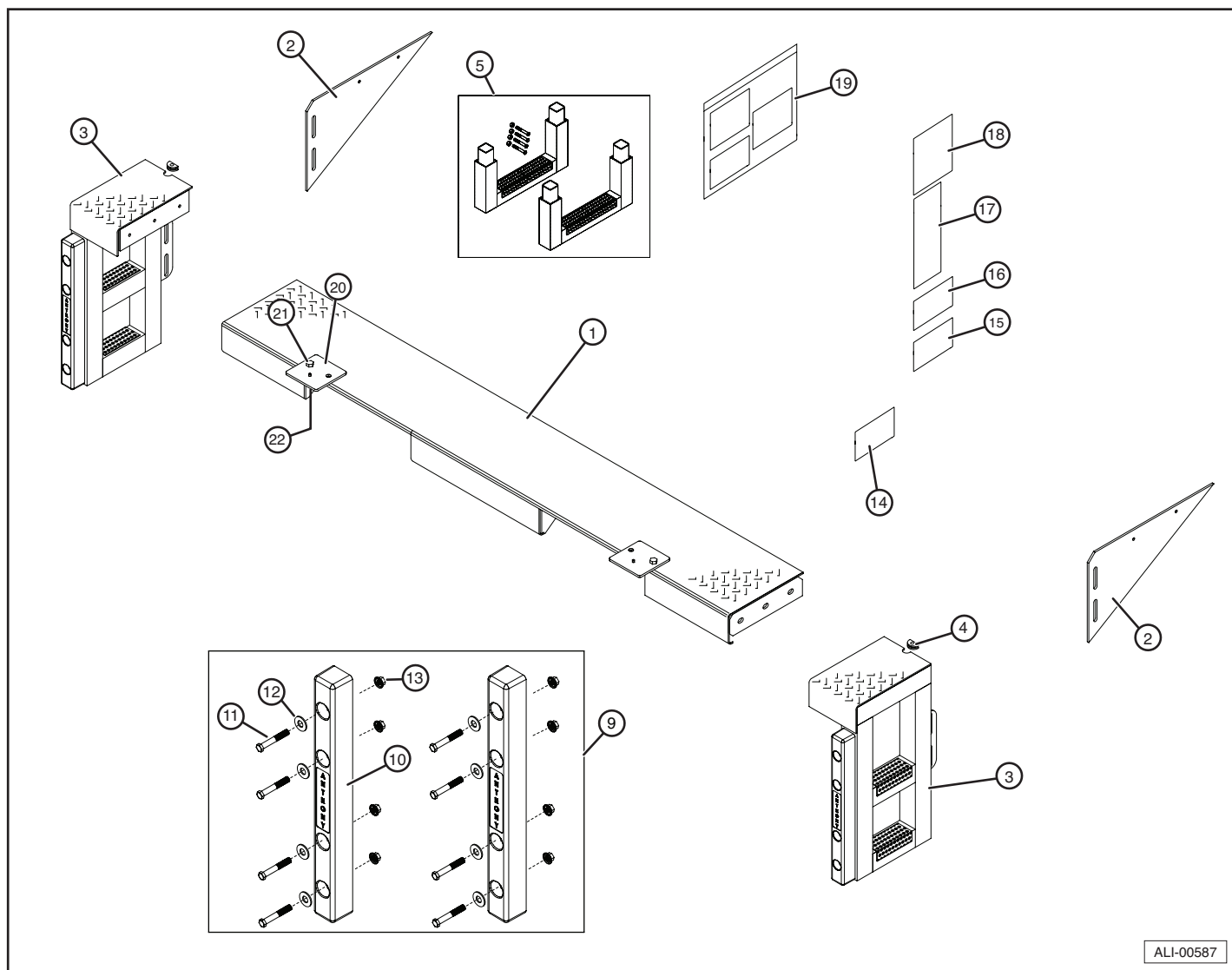
1.2 Serial Number

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



ALI-00587

Item	Part Number	Description	Qty.
1	A-140028*	FLOOR EXTENSION WELDMENT - 96" (3/16" DECK)	1
	A-140247*	FLOOR EXTENSION WELDMENT - 96" (1/4" DECK)	
	A-140805*	FLOOR EXTENSION WELDMENT - 96" (3/8" DECK)	
	A-140710*	FLOOR EXTENSION WELDMENT - 96" X 18" DEEP (1/4" DECK)	
	A-140056	FLOOR EXTENSION WELDMENT - 102" (3/16" DECK)	
	A-140246*	FLOOR EXTENSION WELDMENT - 102" (1/4" DECK)	
	A-140806*	FLOOR EXTENSION WELDMENT - 102" (3/8" DECK)	
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
	ATU-1442	BOLT-ON GUSSET KIT	1

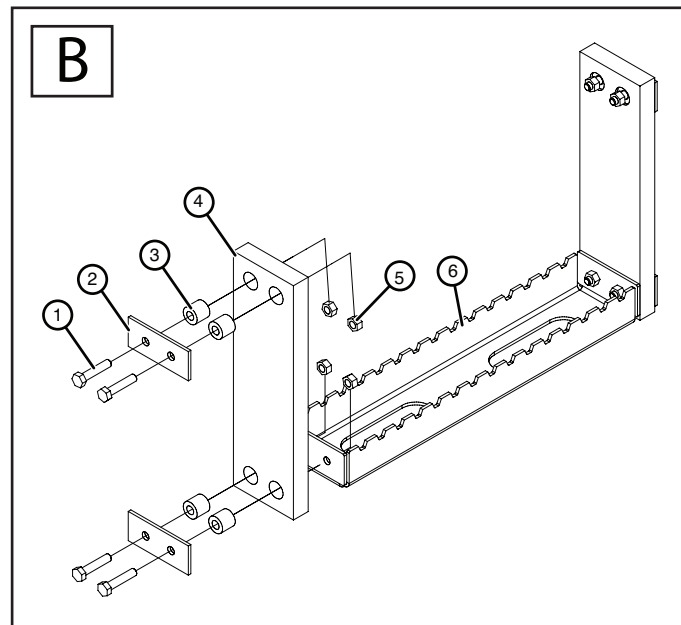
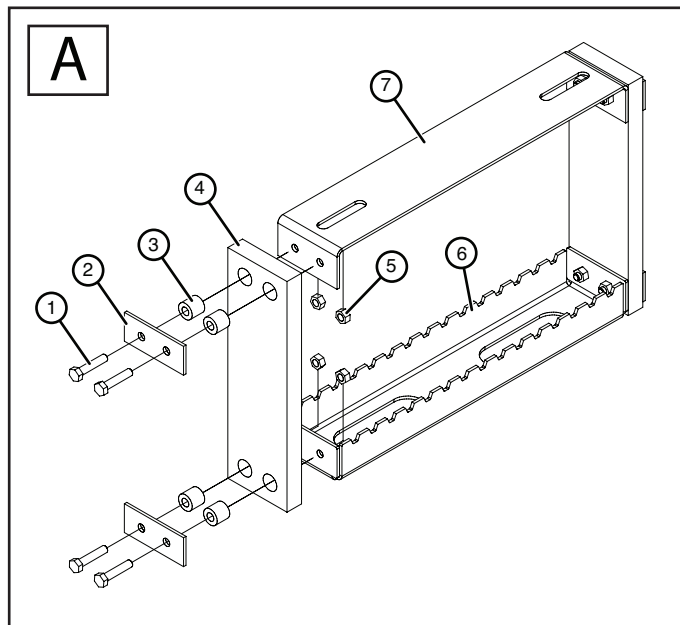
Item	Part Number	Description	Qty.
3	A-140772*	DOCK BUMPER SET WITH PADS AND GUSSETS (96" ONLY)	1
	A-140547*	XD DOCK BUMPER SET 2 STEP+FLEX W/UMHW PADS AND GUSSETS, 12" (96")	
	A-140548*	XD DOCK BUMPER SET W/UMHW PADS AND GUSSETS, 12" (96")	
	A-140793	DOCK BUMPER SET WITH EXTENSION PRE-WELDED, WITH PADS AND GUSSETS	
	A-140920*	DOCK BUMPER SET WITH PADS AND GUSSETS (96" ONLY)	
	ATU-867*, **	DOCK BUMPER SET WITH 20" PADS AND GUSSETS (102" ONLY)	
	A-140898*	XD DOCK BUMPER SET WITH UHMW PADS AND GUSSETS (102" ONLY)	
	A-140555*	XD DOCK BUMPER SET 2 STEP+FLEX W/UMHW PADS AND GUSSETS, 12" (102")	
	A-140112*	DOCK BUMPER SET WITH GUSSETS, NO PADS (102" ONLY)	
	A-140899*	DOCK BUMPER SET WITH LIGHTS, PADS, AND GUSSETS (102" ONLY)	
	A-140966*	DOCK BUMPER SET FOR LIGHTS	
	A-140743*	DOCK BUMPER SET WITH EXTENSION PRE-WELDED, WITH PADS AND GUSSETS	
	A-140913*	XD DOCK BUMPER SET WITH EXTENSION PRE-WELDED, WITH PAD AND GUSSETS	
	A-140762*	DOCK BUMPER SET 2 STEP+FLEX WITH PADS AND GUSSETS, 12" (102")	
	A-140939*	DOCK BUMPER 1-STEP WITH FLEXI-STEP SET WITH PADS AND GUSSETS (102" ONLY) 12" DEEP	
	A-141067*	DOCK BUMPER SET W/ 20" PADS AND GUSSETS (102" ONLY) 18" DEEP	
	A-141721*	DOCK BUMPER SET W/ PADS, GUSSETS + FLEX (102" ONLY) 18" DEEP	
	A-141690*	XD DOCK BUMPER SET W/ PADS, GUSSETS + FLEX (102" ONLY) 18" DEEP	
	ATU-866*	DOCK BUMPER WELDMENT COMPLETE ASSEMBLY WITH 20" PAD (CURBSIDE, 102" ONLY)	1
	A-140062*	DOCK BUMPER WELDMENT-CURBSIDE (102" ONLY)	
	ATU-865*	DOCK BUMPER WELDMENT COMPLETE ASSEMBLY WITH 20" PAD (STREETSIDE, 102" ONLY)	1
	A-140063*	DOCK BUMPER WELDMENT-STREETSIDE (102" ONLY)	
4	A-140116	GROMMET, RUBBER	2
5	A-140791	STEP EXTENSION KIT (96" ONLY)	1
	A-140119*	STEP EXTENSION KIT (102" ONLY) 12" DEEP	
	A-140916*	XD STEP EXTENSION KIT (102" ONLY) 12" DEEP	
6	A-140959	MTU INSTALL BRACKET W/M	2
7	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	2
8	3139	1/2-13 HEX NUT GR8 ZP	2
9	ATU-1555	XD DOCK BUMPER PAD KIT (20" UHMW)	1
	ATU-1119	DOCK BUMPER PAD KIT (20")	
10	ATU-798	DOCK BUMPER PAD (20")	2
11	ATU-259	1/2-13 X 2" GRADE 8 BOLT	8
12	A-150065	1/2" FLAT WASHER	8
13	A-132301	1/2-13 NYLOCK GR8 NUT ZP	8
14	A-131120	DECAL: 5000LB ¹	1
	A-131119	DECAL: 6000LB ¹	
15	ATU-141	DECAL: AFTER USING LIFTGATE ¹	1
16	A-150238	DECAL: PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER ¹	1
17	ATU-423	DECAL: OPERATING INSTRUCTIONS ¹	1
18	A-131115	DECAL: PERSONAL INJURY ¹	1
19	A-140658	DECAL/INSTALL KIT (5000LB CAPACITY) ¹	1
	A-140659	DECAL/INSTALL KIT (6000LB CAPACITY) ¹	
20	A-132085	1/2-13 X 1.0 GR8 HEX BOLT	10
21	ATU-1445	NUT LOBE WELDMENT (BOLT-ON FLOOR EXTENSIONS)	10

¹ Refer to "13. Safety and Instructional Decals" on page 32 for a complete list and picture of the decals.

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

** Available in stainless steel finish by adding a "-SS" to the part number when ordering.

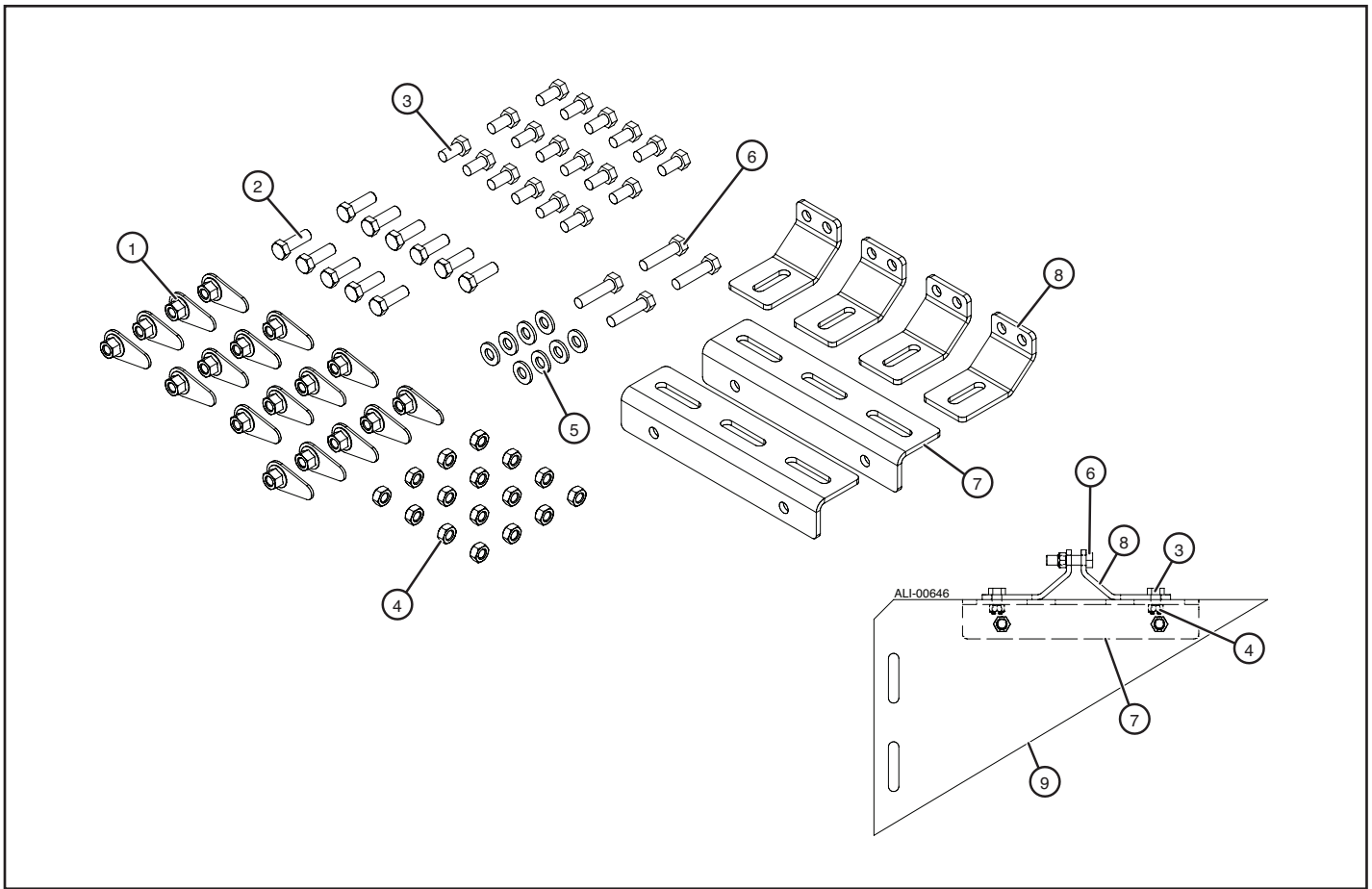
2.1 Flex Step Kits



Item	Part Number	Description	Qty.
A	A-140994*	FLEX STEP REPLACEMENT KIT – 12"	—
	A-141079*	FLEX STEP REPLACEMENT KIT – 18"	
B	A-141050*	FLEX STEP RETRO KIT – 12"	—
	A-141077*	FLEX STEP RETRO KIT – 18"	
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-140998*	FLEX STEP FORMED STEP - 12"	1
	A-141075*	FLEX STEP FORMED STEP - 18"	
7	A-140996	FLEX STEP MOUNTING BRACKET - 12"	1
	A-141074	FLEX STEP MOUNTING BRACKET - 18"	
—	A-141049	FLEX STEP SERVICE INSTALL INSTR 3.25"	1

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

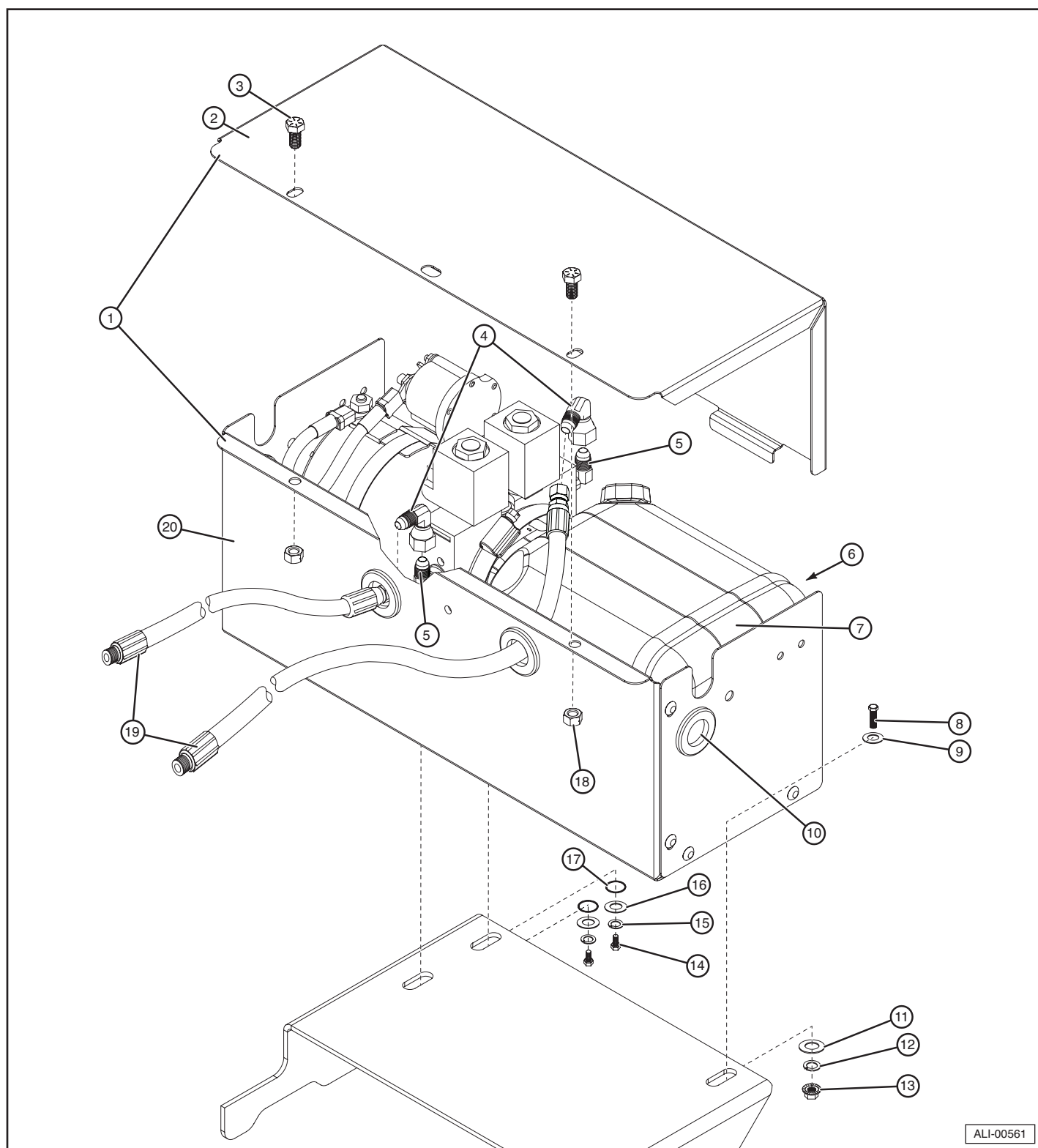
2.2 Bolt-on Floor Extension Parts



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

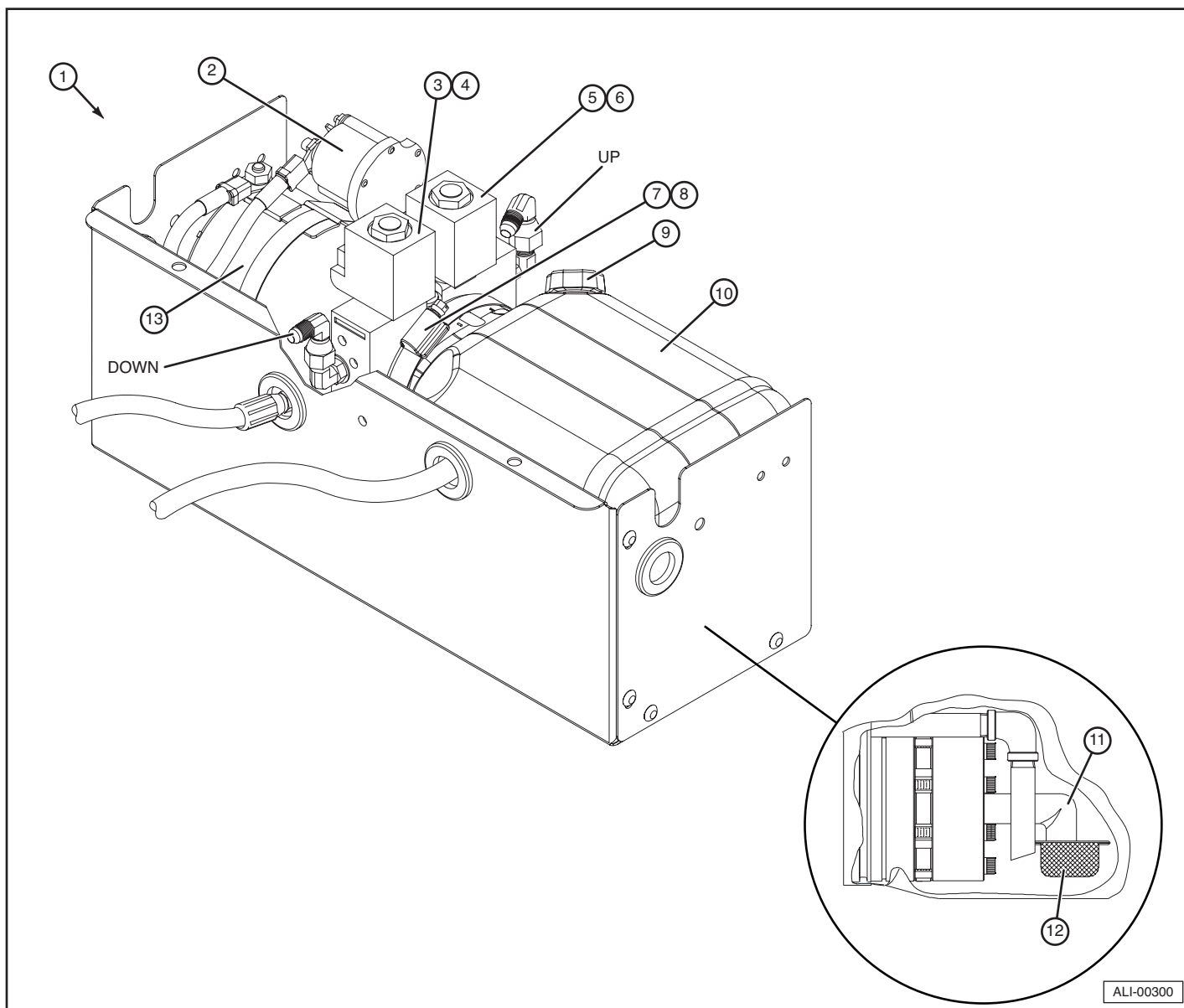
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3. Pump Box



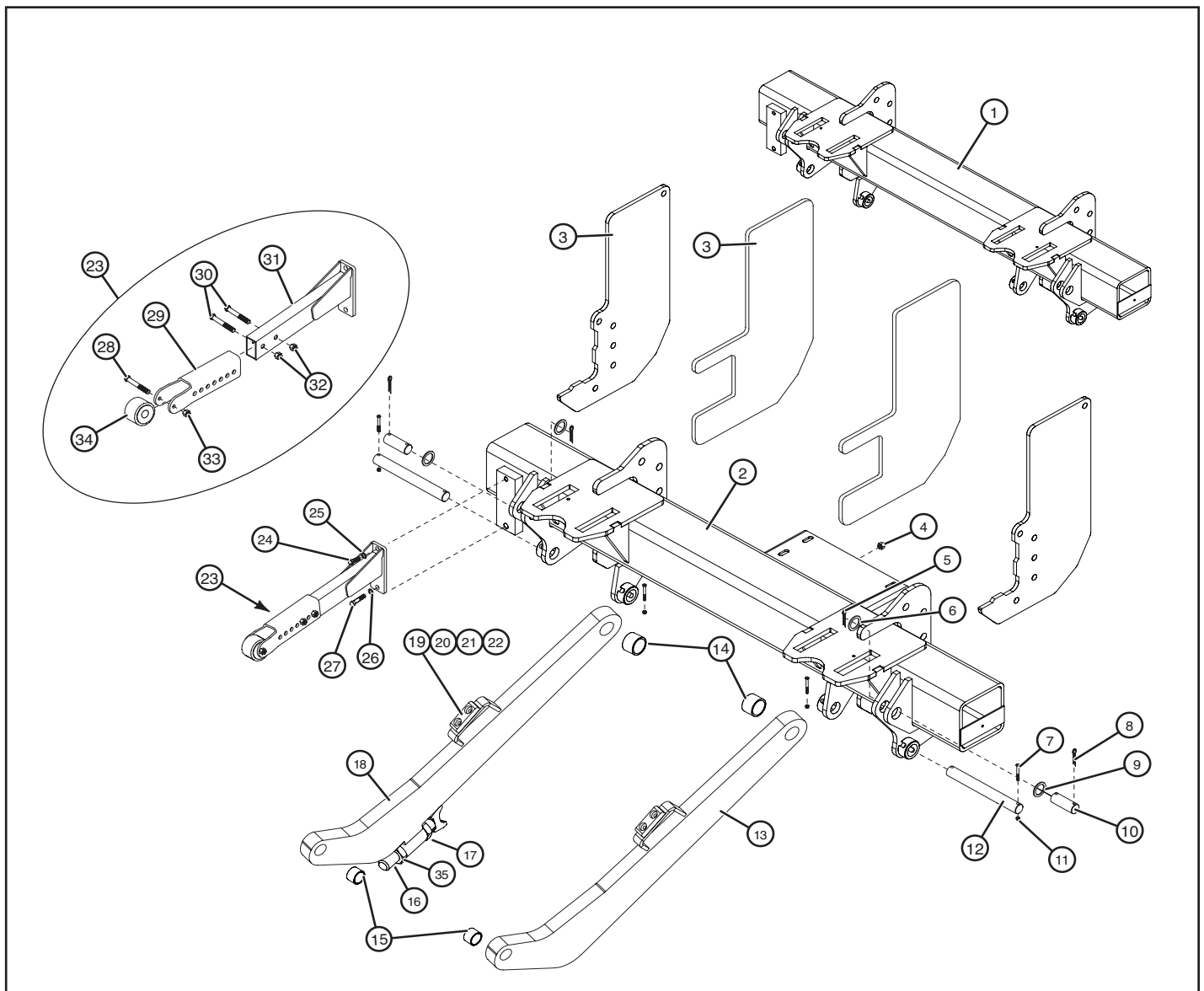
Item	Part Number	Description	Qty.
1	ATU-586	PUMP BOX-COMplete	1
2	ATU-533	PUMP BOX COVER	1
3	764	3/8-16 X 3/4" HEX BOLT	2
4	A-130142	90DEG ELBOW (MALE JIC#6 TO FEMALE JIC#6)	2
5	A-130140	FITTING: 90DEG ADAPTER (MALE SAE#6 TO MALE JIC#6)	2
6	A-130214	MTU POWER PACK UNIT (COMPLETE, 4000-6000LB CAPACITY)	1
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

4. Hydraulic Power Pack



Item	Part Number	Description	Qty.
1	A-130214	MTU POWER PACK UNIT (COMPLETE, 4000-6000LB CAPACITY)	1
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

5. Frame Mounting Assembly

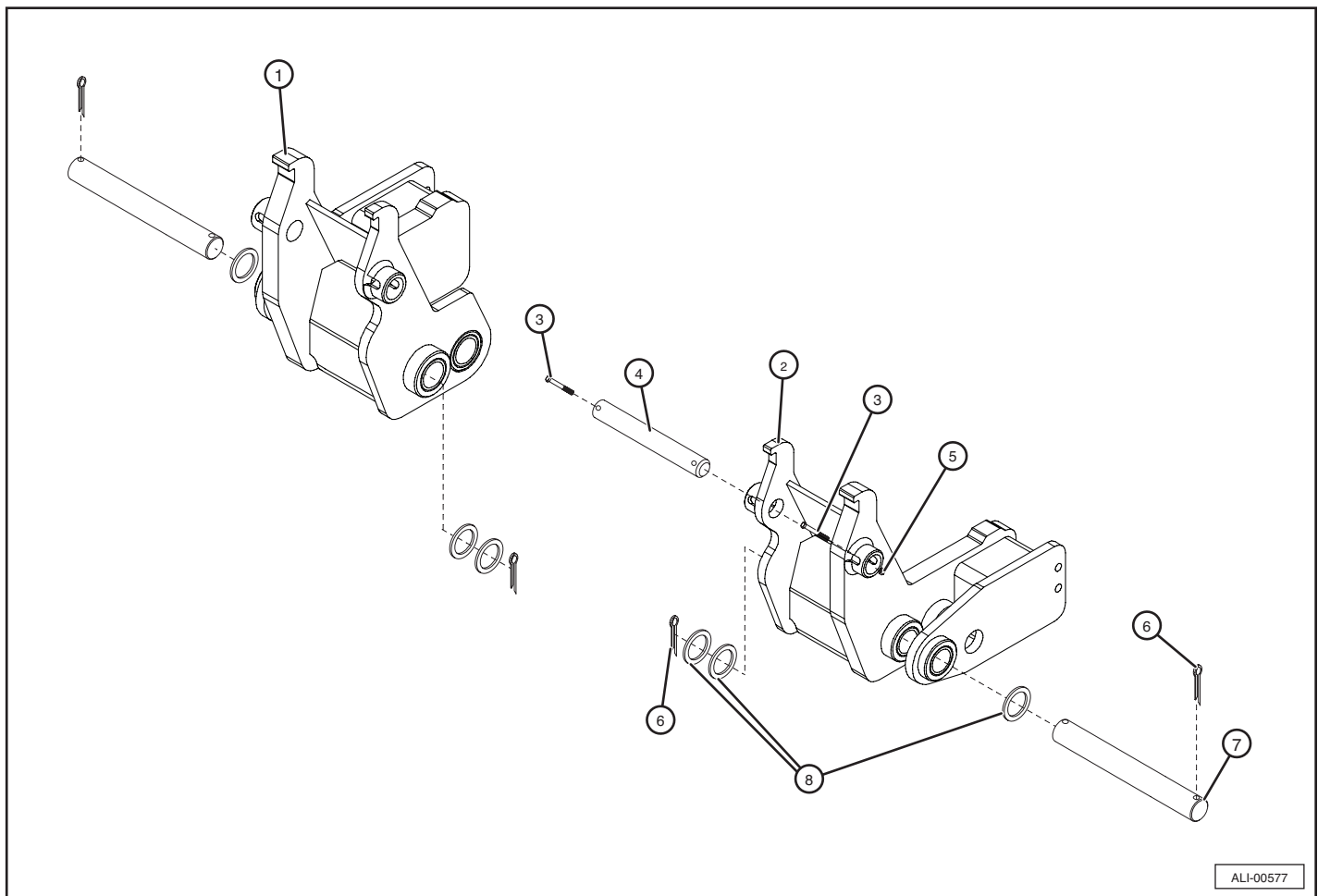


Item	Part Number	Description	Qty.
1	A-140599*	ADAPTER FRAME WELDMENT - HD (FLAT ROCKER STOP-GEN3)	1
2	A-140598*	ADAPTER FRAME WELDMENT - HD - LESS PUMP BOX (FLAT ROCKER STOP-GEN3)	1
3	A-140582* A-140022*	MOUNTING PLATE - EX (BOLT ON GALVANIZED ADAPTER FRAME) MOUNTING PLATE (WELD ON STEEL ADAPTER FRAME) (NOT SHOWN)	2
4	3139	1/2-13 NUT	1
7	A-132132	5/16-18 X 2.5" HEX BOLT	4
8	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	4
9	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	4
10	A-140601	PIN: RADIUS ARM TO ADAPTER FRAME - HD (DIAM.: 1.25", 4.125" LONG)	2
11	862	5/16-18 LOCKNUT	4
12	A-140603	PIN: ROCKER TO ADAPTER FRAME - HD (DIAM: 1.25", 12.688" LONG)	2
13	A-140950	RADIUS ARM ASSY RH W/PLATFORM STOP	1
14	ATU-444	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1.375" LONG	2
15	ATU-443	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1.375" LONG	2
16	A-140891	LATCH PIN	1
17	A-132337	1"-8 JAM NUT	2

Item	Part Number	Description	Qty.
18	A-140951	RADIUS ARM ASSY LH W/GATE LATCH & PLATFORM STOP	1
19	A-140090	BUMPER PAD	2-4
20	2051	1/4" FLAT WASHER	8
21	ATU-359	1/4-20 LOCKNUT	8
22	S-047004	1/4-20 X 1" SLOTTED ROUND HEAD BOLT	8
23	ATU-881*	WHEEL ARM ASSY (ARM W/M, CHANNEL, WHEEL)	1
24	ATU-260	1/2-13 X 1.25" GRADE 8 BOLT	1
25	1691	1/2" LOCKWASHER	1
26	A-150065	1/2" FLAT WASHER	2
27	ATU-259	1/2-13 X 2" GRADE 8 BOLT	1
28	A-132039	3/8-24 X 3" GRADE 8 BOLT	1
29	ATU-886* ATU-888	WHEEL ARM CHANNEL * WHEEL ARM ASSY (ARM W/M, CHANNEL, NO WHEEL) (NOT SHOWN)	1
30	A-132112	1/2-13 X 2.5" GRADE 8 BOLT	2
31	ATU-882*	WHEEL ARM BASE WELDMENT	1
32	A-132024	1/2-13 LOCKNUT	2
33	2184	3/8-24 LOCKNUT	1
34	ATU-123	WHEEL ARM WHEEL (INCL. NUT AND BOLT; A-132039 & 2184)	1
35	A-132342	1"-8 NYLOCK NUT	1

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

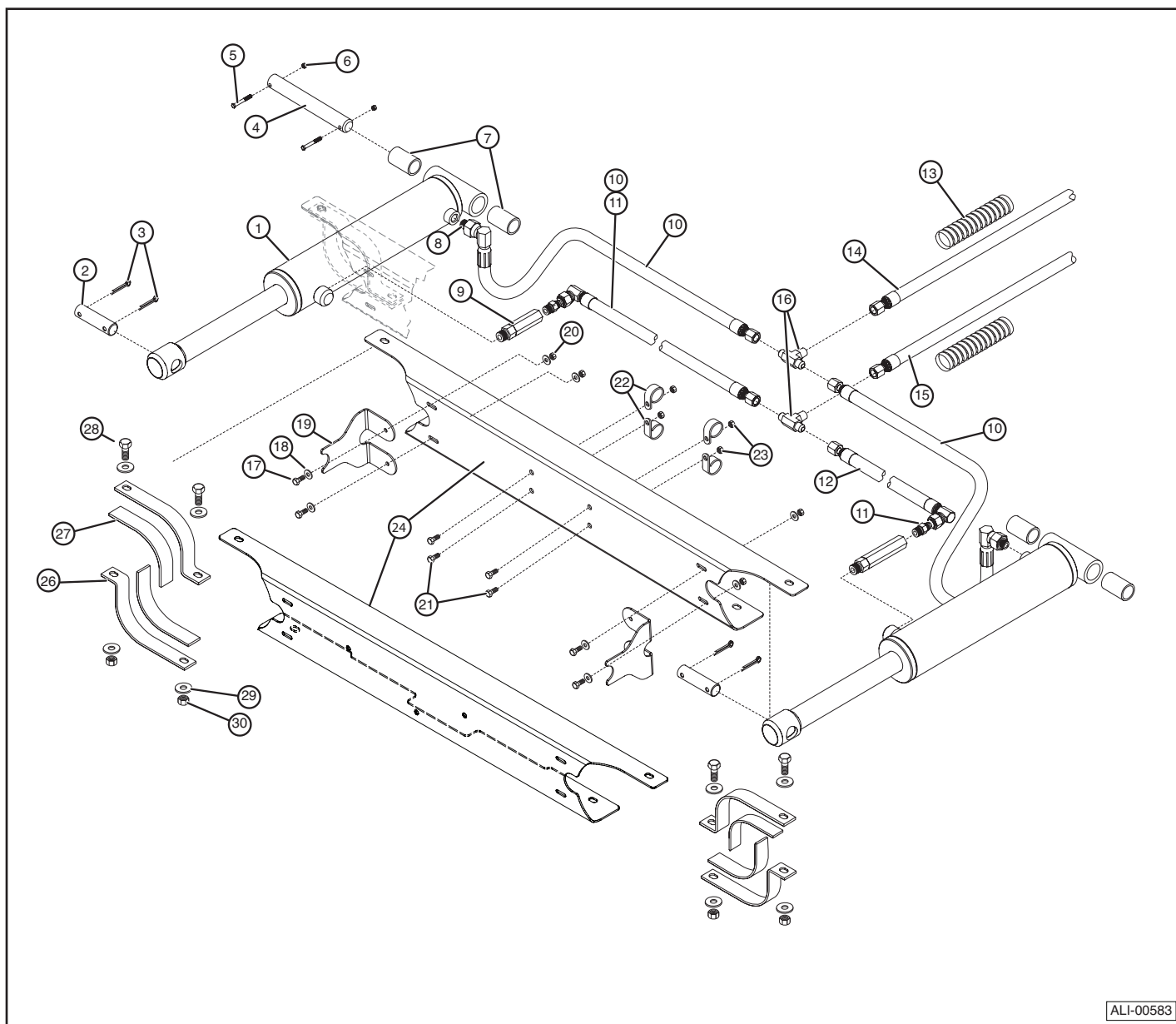
6. Rocker Assembly



Item	Part Number	Description	Qty.
1	A-140596*	LH ROCKER WITH BUSHINGS - HD - GEN3	1
2	A-140597*	RH ROCKER WITH BUSHINGS - HD - GEN3	1
3	ATU-358	1/4-20 X 2" GRADE 8 BOLT	4
4	A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG) GEN3	2
5	ATU-359	1/4-20 LOCKNUT	4
6	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	4
7	A-140589	PIN: ROCKER TO LIFTFRAME - HD (DIAM: 1.25", 12.313" LONG) GEN3	2
8	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	6
—	ATU-444	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1.375" LONG (NOT SHOWN)	2
—	ATU-443	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1.375" LONG (NOT SHOWN)	2

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

7. Hydraulic Cylinders

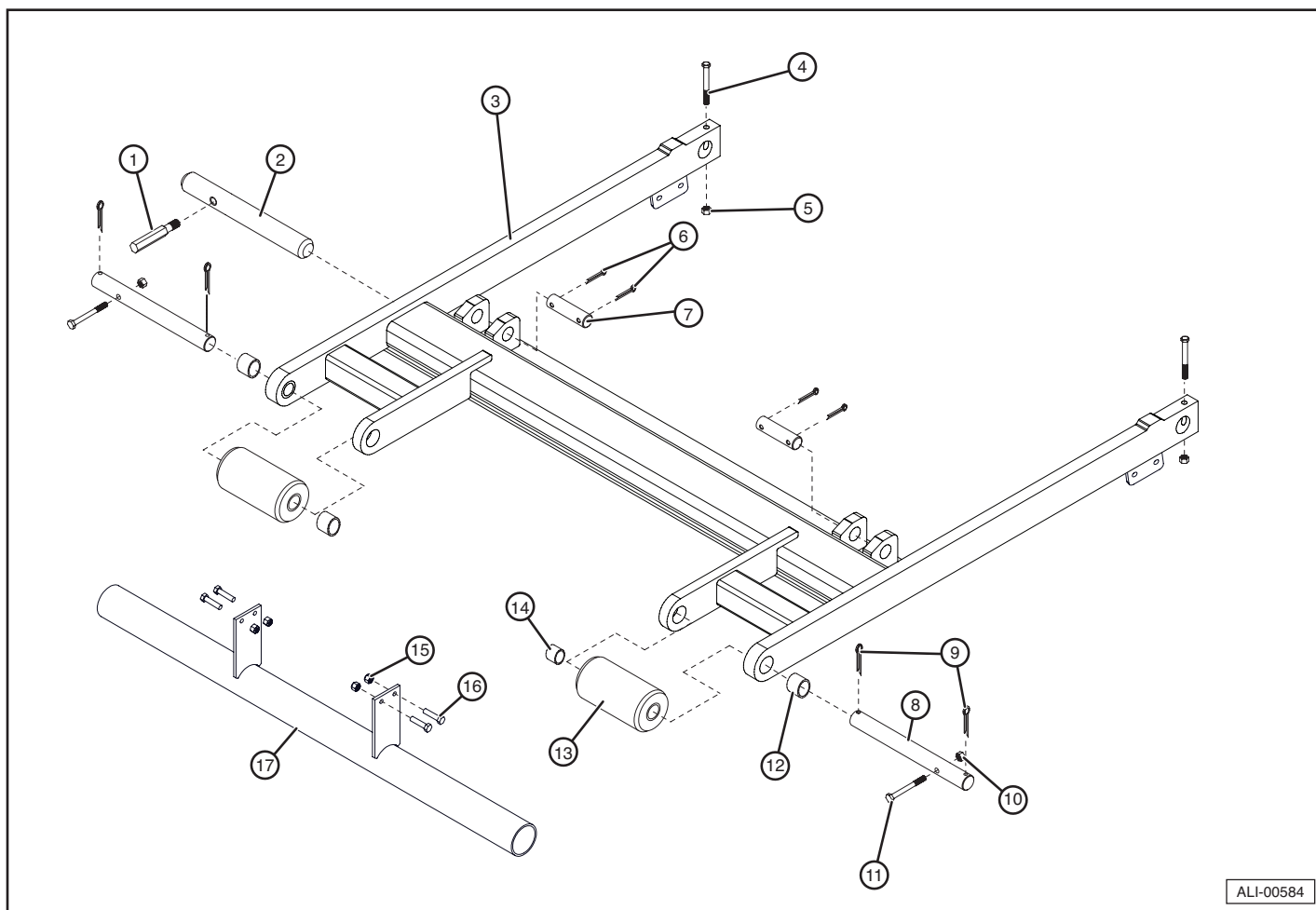


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Item	Part Number	Description	Qty.
1	A-130114	HYDRAULIC CYLINDER ASSY 4000-6000LB CAPACITY, INCL. BUSHINGS	2
2	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
3	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	4
4	A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG) (AFTER JUNE 2017) GEN3	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
10	A-130383	HYDRAULIC HOSE ASSY (TRAY TO UPPER CYLINDER PORT, 18")	2
11	A-130382	HYDRAULIC HOSE ASSY (TRAY TO LOWER CYLINDER PORT, 15")	2
12	A-130391	HYDRAULIC HOSE ASSY (TRAY TO LOWER CYLINDER PORT, 11.5") (HITCH MODELS ONLY)	1
13	A-130339	HOSE GUARD	2
14	A-140380	HYDRAULIC HOSE ASSY (POWER PACK TO TRAY, "DOWN", 24")	1

Item	Part Number	Description	Qty.
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	4
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	—	—	—
26	A-140834	4" CYLINDER CLAMP	4
27	A-132333	RUBBER TAPE W/ADHESIVE 4"	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

8. Lift Frame

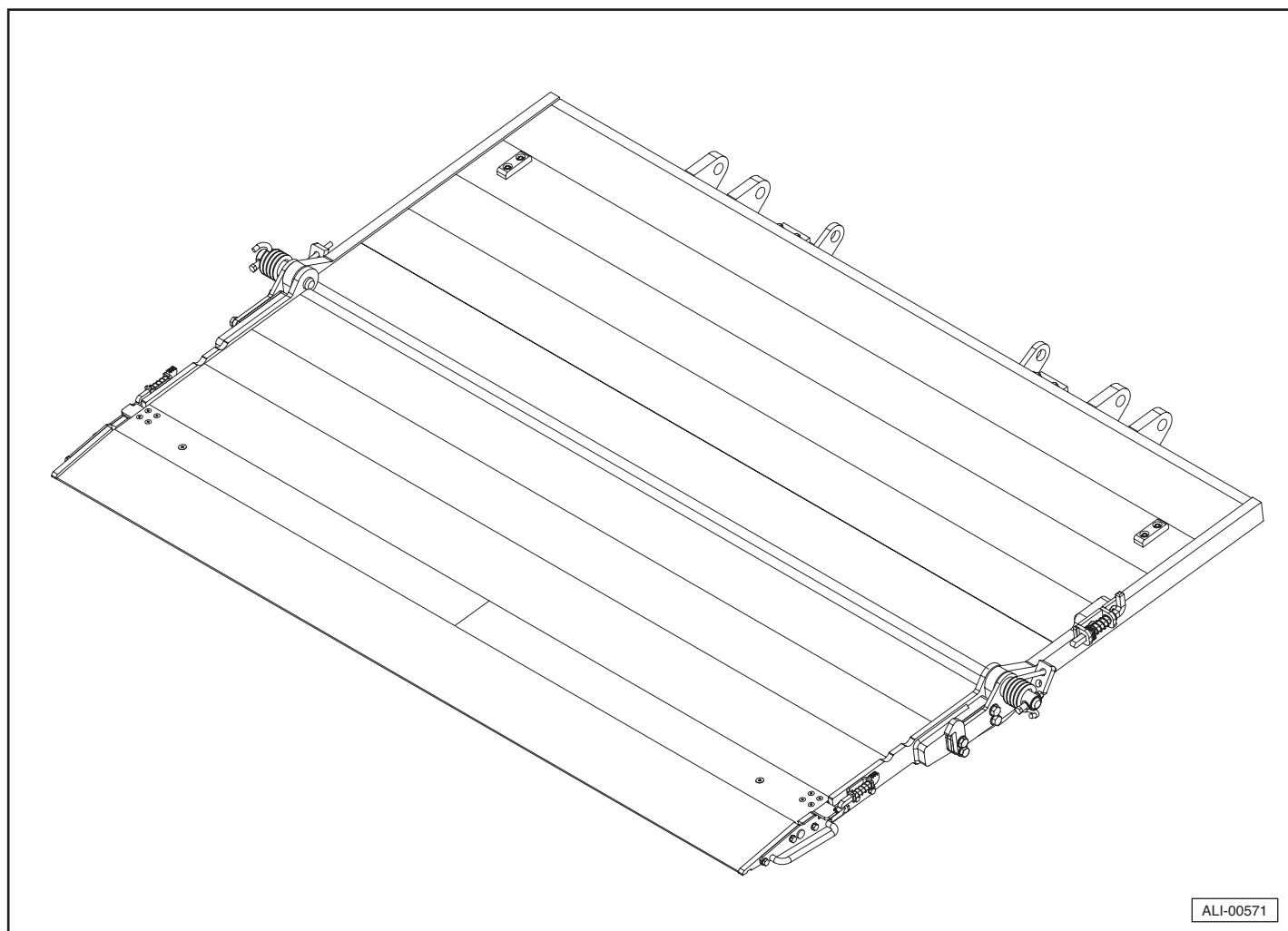


ALI-00584

Item	Part Number	Description	Qty.
1	ATU-557*	*old style - FOR NEW STYLE BOLTED PLATE HANDLE LATCH ORDER ATU-1176	1
2	ATU-556*	*old style - FOR NEW STYLE THREADED PIN HANDLE LATCH ORDER ATU-1171	1
3	A-140822* A-140621*	LIFTFRAME WELDMENT - HD (WITH BUSHINGS) LIFTFRAME WELDMENT - HD (NO BUSHINGS)	1
4	A-132039	3/8-24 X 3" GRADE 8 BOLT	2
5	2184	3/8-24 LOCKNUT	2
6	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	4
7	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
8	A-140605	PIN: CAM AND ROLLER TO LIFTFRAME - HD (DIAM: 1", 10.813" LONG)	2
9	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	4
10	862	5/16-18 LOCKNUT	2
11	869	5/16-18 X 2" HEX BOLT	2
12	ATU-443	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1.375" LONG	2
13	A-140228	ROLLER - LONG (STEEL INCL. BUSHINGS)	2
14	ATU-429	COMPOSITE BUSHING, 1" ID X 1.25" OD X .75" LONG	2
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

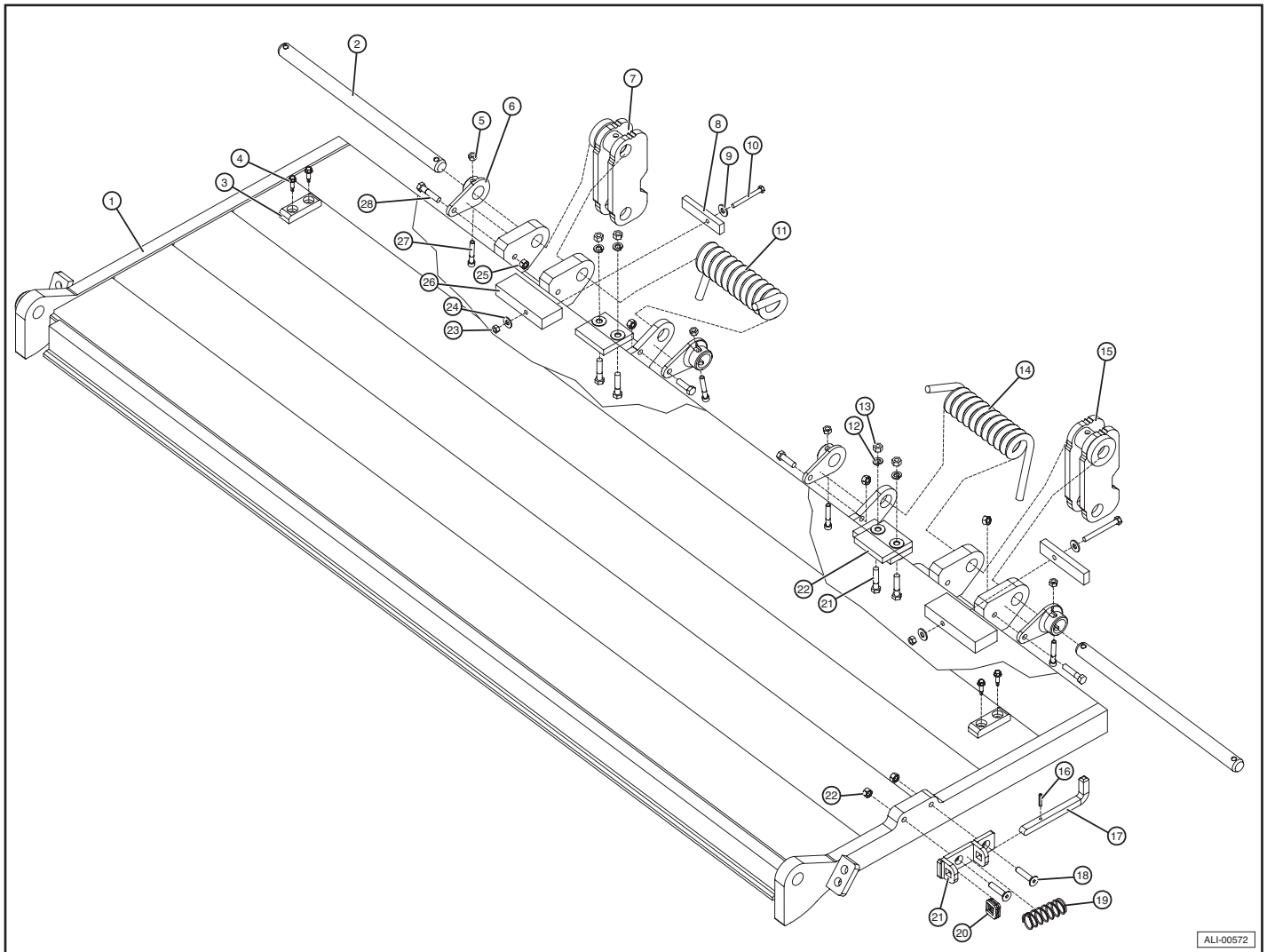
* Available in galvanized finish by adding a "-G" to the part number when ordering.

9. Main Platform and Flip-Over Platform Assemblies



Item	Part Number	Description	Qty.
		ALL ALUMINUM	
	A-140853	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, NO CARTSTOPS, O/B WHEEL: MTU5 (ALUM MAIN A-140668 / ALUM FLIP A-140467)	
	A-141030	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, WITH GEN 2 CARTSTOPS, O/B WHEEL: MTU5 (ALUM MAIN A-140668 / ALUM FLIP A-140971)	
		STEEL / ALUMINUM	
	A-140697	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, NO CARTSTOPS, O/B WHEEL: MTU5/6 (STEEL MAIN A-140698 / ALUM FLIP A-140699)	
	A-141031	PLATFORM ASSY - 80X60 WEDGE LOW PROFILE, WITH GEN 2 CARTSTOPS, O/B WHEEL: MTU5/6 (STEEL MAIN A-140698 / ALUM FLIP A-141033)	

9.1 Main Platform (aluminum construction)

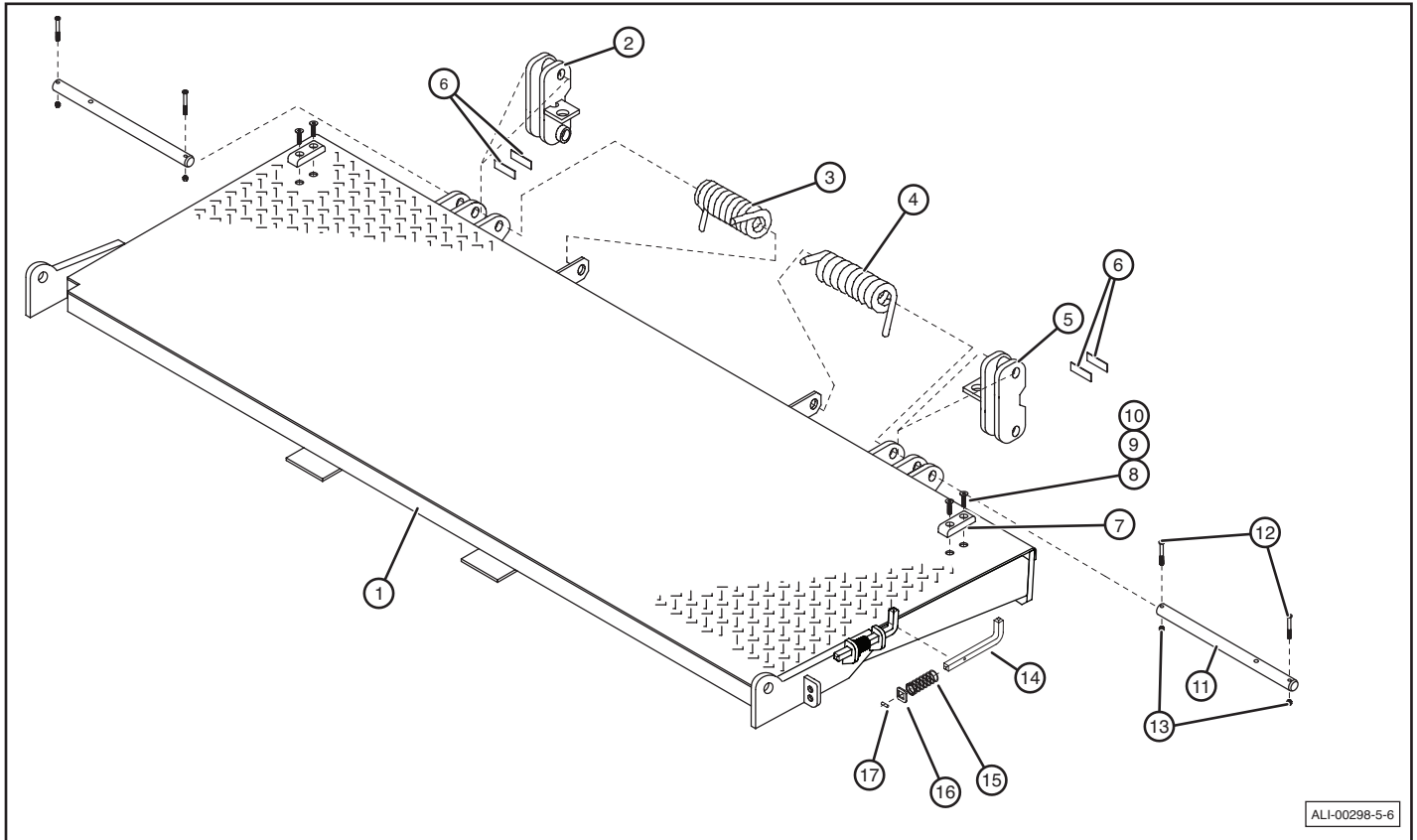


Item	Part Number	Description	Qty.
1	A-140668	MAIN PLATFORM WELDMENT, ALUM, HD, LOW PROFILE	1
2	A-140883	PIN: HD ALUM PLATFORM TO LIFTFRAME (DIAM: 1", 18" LONG) (no center hole at cam)	2
3	A-140090	BUMPER PAD	2
4	A-150159	1/4-14 X 1 SELF-TAPPING SCREW (ALUMINUM PLATFORMS)	4
5	A-132148	5/16-18 X 2" SOCKET CAP SCREW	4
6	862	5/16-18 LOCKNUT	2
7	—	—	—
8	2019	3/8-16 X 1.75" BOLT	4
9	2058	3/8" FLAT WASHER	8
10	A-140839	LOBE COLLAR WELDMENT	4
11	A-140619*	CAM WELDMENT-STREETSIDE - HD	1
12	A-140302	CAM PLATE	2
13	A-132266	5/16-18 X 3" HEX BOLT GRADE 8	2
14	2110	5/16" FLAT WASHER	4
15	—	—	—
16	ATU-518-L	SPRING, STEEL OR ALUM MAIN PLATFORM, STREETSIDE	1
17	ATU-100-R	SPRING, ALUM MAIN PLATFORM, CURBSIDE	1
18	A-140620*	CAM WELDMENT-CURBSIDE - HD	1
19	ATU-247	3/8-16 X 1.25" CAPSCREW	4

Item	Part Number	Description	Qty.
20	A-140316	SPRING PLATE	2
21	2019	3/8-16 X 1.75" BOLT	2
22	2058	3/8" FLAT WASHER	8
23	2054	3/8" LOCKWASHER	4
24	P-162	3/6-16 HEX NUT	4
25	A-140292	LATCHPLATE WELDMENT	1
26	A-132283	3/16 X 1" STAINLESS ROLL PIN	1
27	ATU-926	LATCHPIN	1
28	A-132276	3/8-16 X 1.75" FLATHEAD BOLT	2
29	ATU-929	SPRING	1
30	ATU-975	SQUARE WASHER	1

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

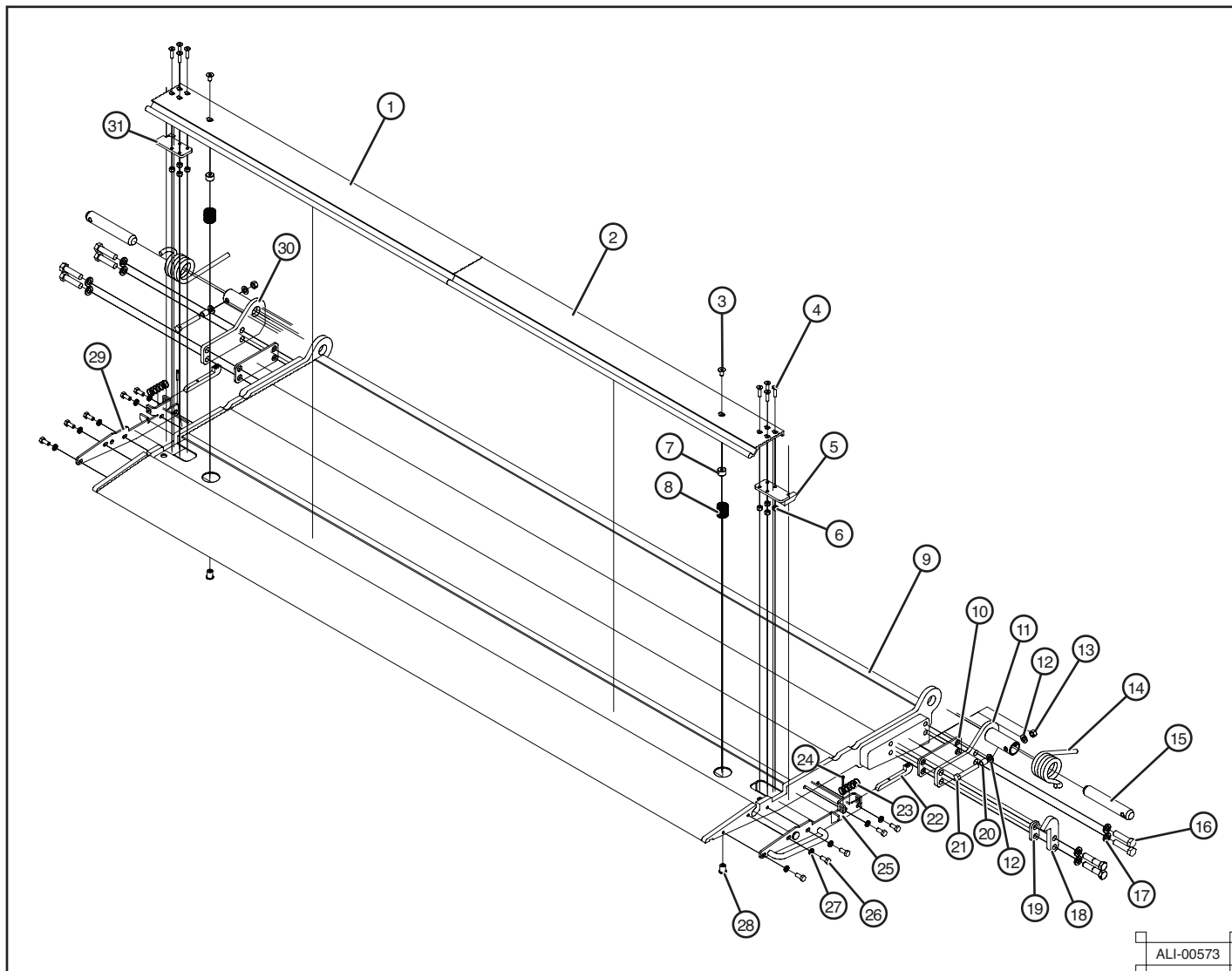
9.2 Main Platform (steel construction)



Item	Part Number	Description	Qty.
1	A-140698	MAIN PLATFORM WELDMENT, STEEL, HD, LOW PROFILE	1
	A-140698-G	MAIN PLATFORM WELDMENT, STEEL, HD, LOW PROFILE, GALVANIZED	
2	A-140619*	CAM WELDMENT-STREETSIDE - HD	1
3	A-140071	SPRING, STEEL MAIN PLATFORM, STREETSIDE, HD	1
4	A-140070	SPRING, STEEL MAIN PLATFORM, CURBSIDE, HD	1
5	A-140620*	CAM WELDMENT-CURBSIDE - HD	1
6	ATU-071	14GA SHIM FOR LEVELING STEEL PLATFORMS	—
7	A-140090	BUMPER PAD	2
8	2051	1/4" FLAT WASHER	4
9	S-047004	1/4-20 X 1" SLOTTED ROUND HEAD BOLT	4
10	2029	1/4-20 FLANGED LOCKNUT	4
11	A-140606	PIN: HD STEEL PLATFORM TO LIFTFRAME (DIAM: 1", 16.718" LONG)	2
12	A-132148	5/16-18 X 2" SOCKET CAP SCREW	4
13	862	5/16-18 LOCKNUT	4
14	ATU-926	LATCHPIN	1
15	ATU-929	SPRING	1
16	ATU-975	SQUARE WASHER	1
17	A-132283	3/16 X 1" STAINLESS ROLL PIN	1

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9.3 Flip-Over Platform

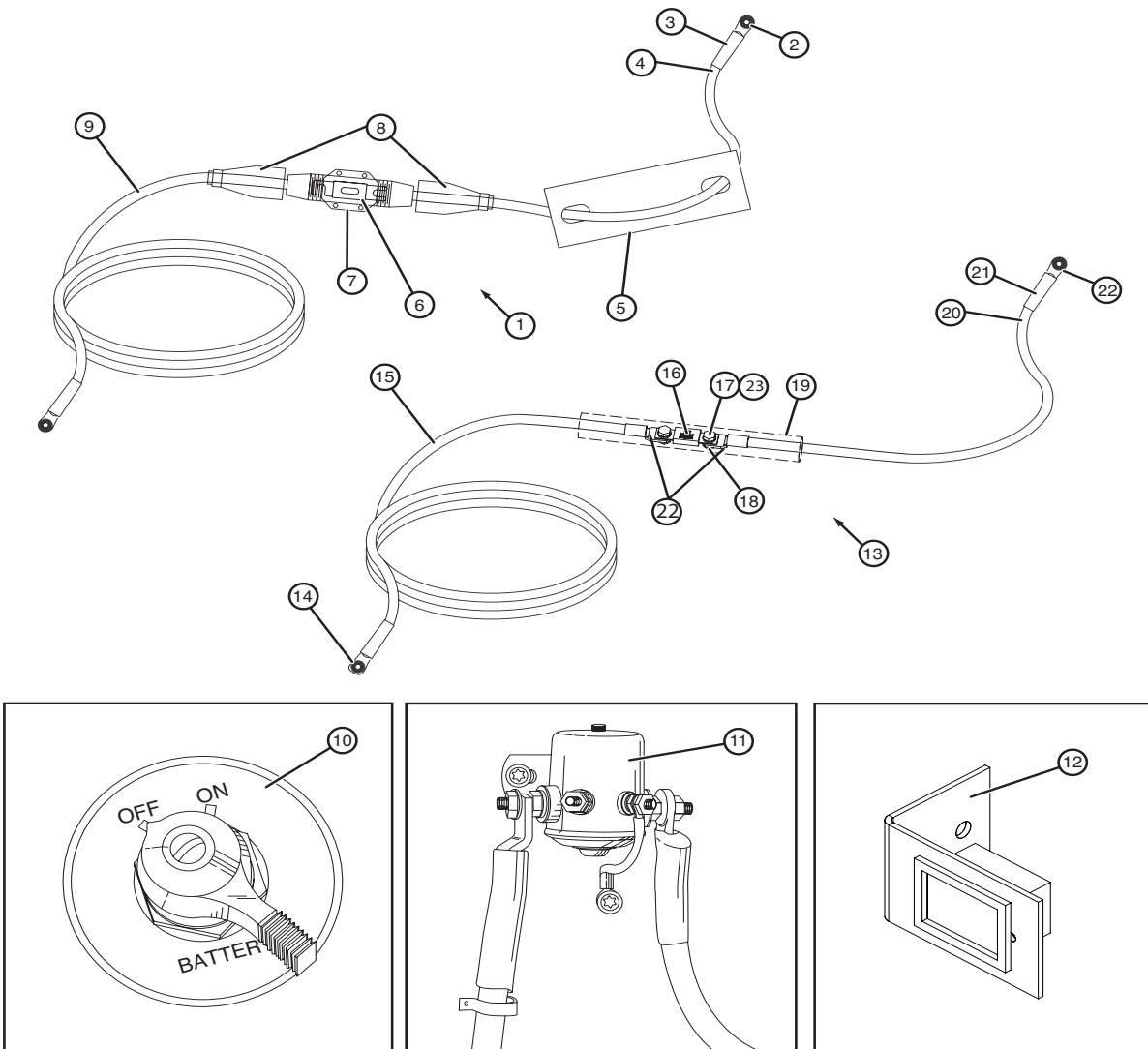


ALI-00573

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
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	
	A-140699	FLIP-OVER PLATFORM WELDMENT - ALUM, HD, LP, NO CARTSTOPS, OUTBOARD WHEEL ARM	
	A-141033	FLIP-OVER PLATFORM WELDMENT - ALUM, HD, LP, 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

Item	Part Number	Description	Qty.
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

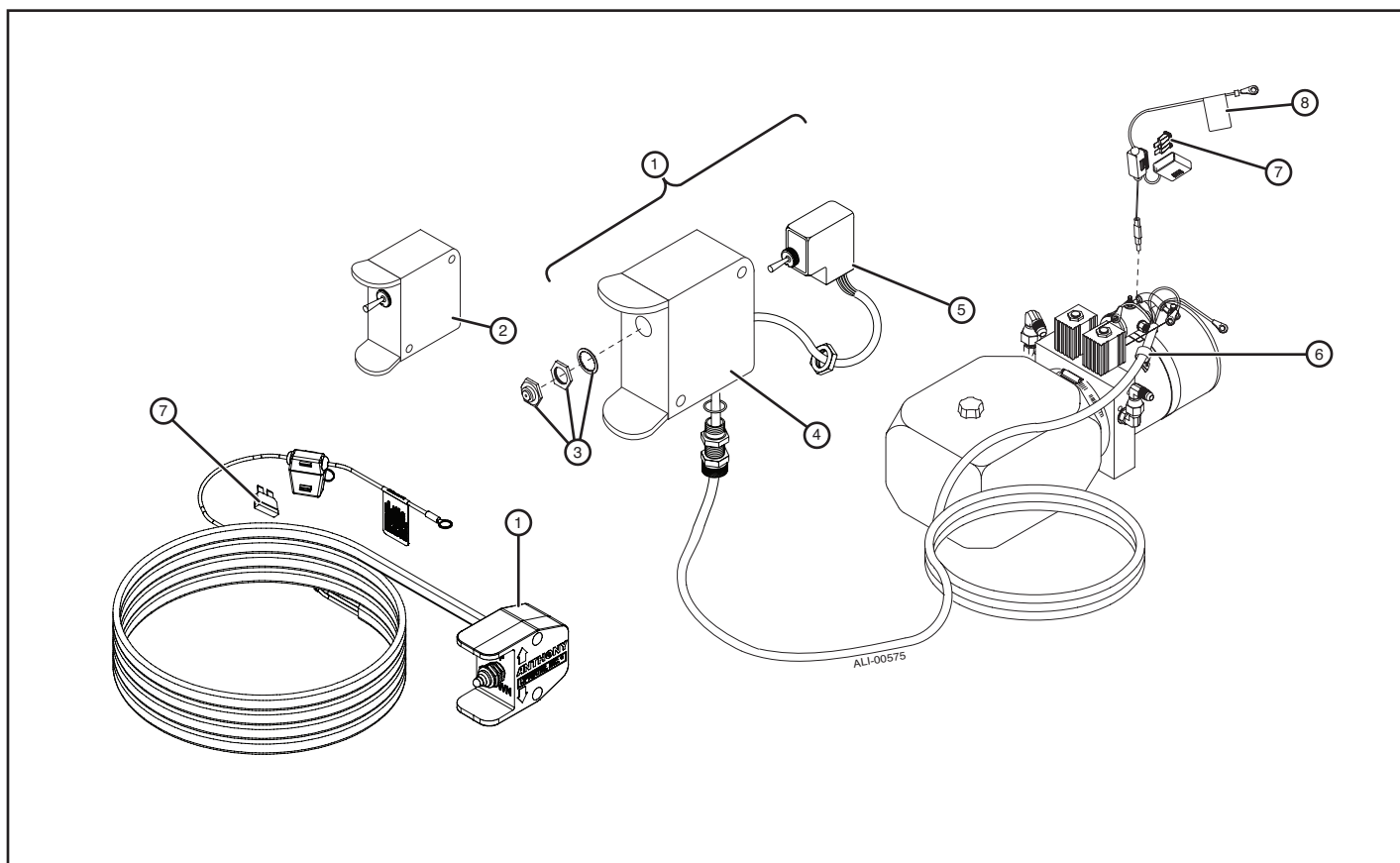
10. Fuse Assembly and Miscellaneous Accessories



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

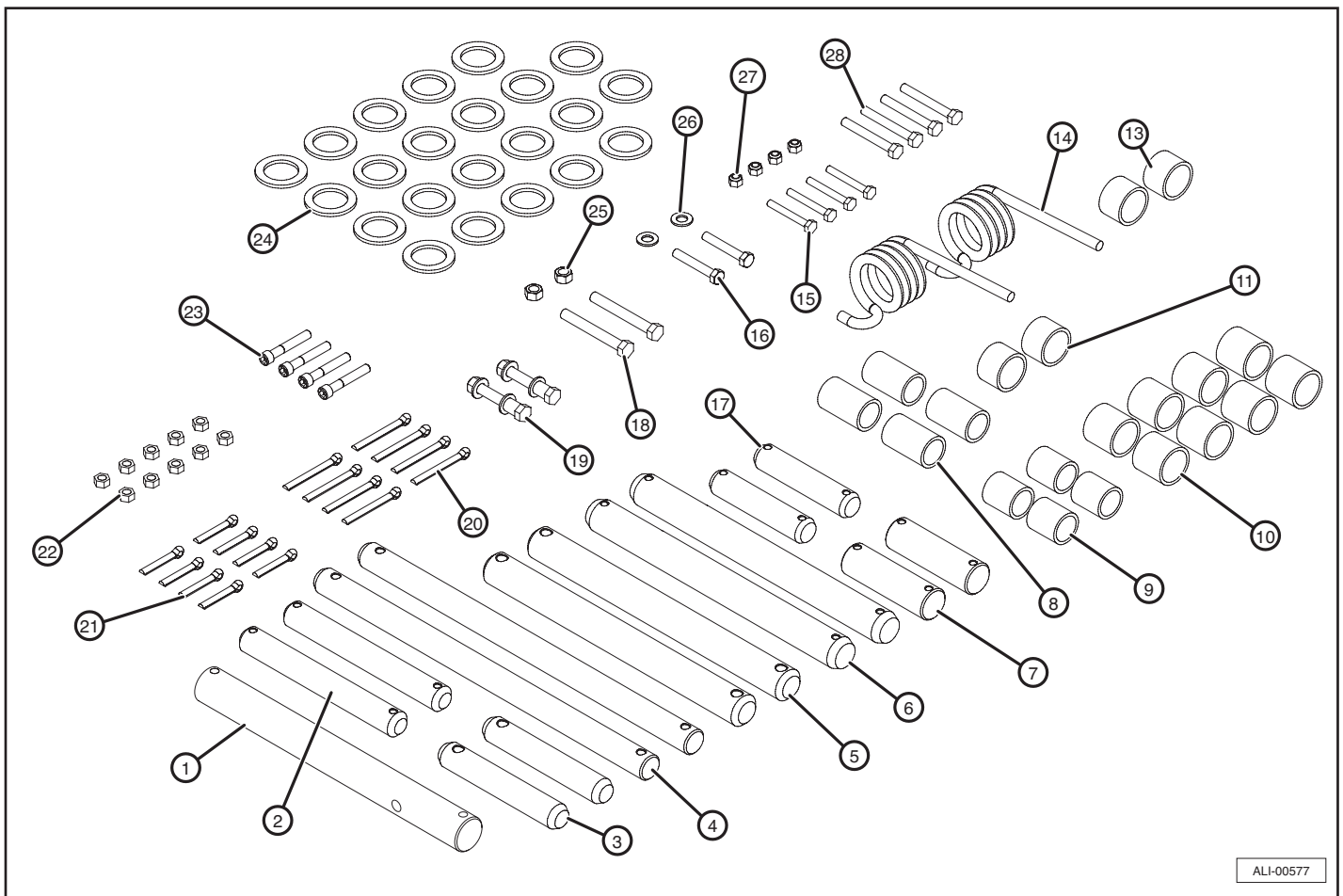
11. Control Switch Assembly



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: NEW STYLE 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]

12. Pin and Bushing Kits



ALI-00577

Item	Part Number	Description	Qty.
—	A-140933	PIN KIT: MTU-GLR 5/6 GEN3 (STEEL/ALUM PLATFORM)	1
	A-140934	PIN KIT: MTU-GLR 5 GEN3 (ALL ALUM PLATFORM)	
1	A-140605	PIN: CAM AND ROLLER TO LIFTFRAME - HD (DIAM: 1", 10.813" LONG)	2
2	A-140864	PIN: CYLINDER UPPER (DIAM: 1", 8.375" LONG) GEN3	2
3	ATU-647	PIN: FLIP TO MAIN PLATFORM (DIAM: 1", 5.935" LONG)	2
4	A-140883	PIN: HD ALUM PLATFORM TO LIFTFRAME (DIAM: 1", 18" LONG) (no center hole at cam)	2
	A-140606	PIN: HD STEEL PLATFORM TO LIFTFRAME (DIAM: 1", 16.718" LONG)	
5	A-140603	PIN: ROCKER TO ADAPTER FRAME - HD (DIAM: 1.25", 12.688" LONG)	2
6	A-140589	PIN: ROCKER TO LIFTFRAME - HD (DIAM: 1.25", 12.313" LONG) GEN3	2
7	A-140601	PIN: RADIUS ARM TO ADAPTER FRAME - HD (DIAM.: 1.25", 4.125" LONG)	2
8	ATU-427	COMPOSITE BUSHING, 1" ID X 1.25" OD X 2" LONG	4
9	ATU-443	COMPOSITE BUSHING, 1" ID X 1.25" OD X 1.375" LONG	4
10	ATU-444	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1.375" LONG	8
11	ATU-428	COMPOSITE BUSHING, 1.25" ID X 1.5" OD X 1" LONG	2
12	—	—	—
13	ATU-429	COMPOSITE BUSHING, 1" ID X 1.25" OD X .75" LONG	2
14	ATU-326-M	SPRING, PLATFORM ASSIST - FLIP TO MAIN	2
15	ATU-358	1/4-20 X 2" GRADE 8 BOLT	4
16	869	5/16-18 X 2" HEX BOLT	2
17	ATU-103	PIN: CYLINDER LOWER (DIAM: 1", 4.625" LONG)	2
18	A-132039	3/8-24 X 3" GRADE 8 BOLT	2
19	ATU-944	FASTENER KIT	2

Item	Part Number	Description	Qty.
20	A-132027	COTTER PIN: 1/4" DIAM X 2" LONG, STAINLESS STEEL	8
21	A-132026	COTTER PIN: 1/4" DIAM X 1.5" LONG, STAINLESS STEEL	8
22	862	5/16-18 LOCKNUT	10
23	A-132148	5/16-18 X 2" SOCKET CAP SCREW	4
24	ATU-134	RING WASHER: 1.25" ID X 1.875" OD X .125" THICK	22
25	2184	3/8-24 LOCKNUT	2
26	A-132251	M10 FLAT WASHER	2
27	ATU-359	1/4-20 LOCKNUT	4
28	A-132132	5/16-18 X 2.5" HEX BOLT	4

13. 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	A-131120	DECAL: 5000LB	1
2	—	—	—
3	A-131119	DECAL: 6000LB	1
4	A-131001	DECAL: 10A FUSE & HOLDER	1
5	A-131017	DECAL: NOTE - DISENGAGE LATCH	1
6	A-131028	DECAL: WELD WARNING	1
7	A-131034	DECAL: ANTHONY LABEL	1
8	A-131070	DECAL: LIFTGATE SECURITY	1
9	A-131071	DECAL: OPERATING INSTRUCTIONS FOR CONTROL MODULE	1
10	A-131072	LVC "QUICK START" SHEET	1
11	A-131075	DECAL: MTU HYDRAULIC OIL LEVEL	1
12	A-131106	DECAL: WARNING - REMOVE BOLTS AFTER INSTALLATION	2
13	A-150601	DECAL: MADE IN THE USA	1
14	ATU-141	DECAL: AFTER USING LIFTGATE	1
15	ATU-146	DECAL: STAND CLEAR	2
16	A-131045	DECAL: OPERATING INSTRUCTIONS	1
17	ATU-424	DECAL: WARNING - RESET CIRCUIT BREAKER	1
18	A-131115	DECAL: WARNING - PERSONAL INJURY	1
19	A-150238	DECAL: NOTICE - PROTECTED WITH ELECTRICAL OVERLOAD CIRCUIT BREAKER	
20	ATU-143	DECAL: SECURE LATCH WHILE IN TRANSIT	
21	A-131036	WIRE DECAL: WARNING - FUSE REPLACEMENT INSTRUCTIONS (200 AMP FUSE ONLY)	1

Decal Kits

Part Number	Description	Qty.
A-140658	DECAL/INSTALL KIT (5000LB CAPACITY)	1
A-140659	DECAL/INSTALL KIT (6000LB CAPACITY)	1
L-401	MTU-GLR INSTALLATION AND OPERATION MANUAL	1
A-140787	DECAL KIT ONLY (5000LB CAPACITY)	1

A-140658 — DECAL/INSTALL KIT (5000LB CAPACITY)

Part Number	Description	Qty.
A-133063	FUSE, 200A (not shown)	1
L-401	MTU-GLR INSTALLATION AND OPERATION MANUAL (not shown)	1
A-131120	DECAL: 5000LB	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	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
ATU-071	LEVELING SHIM (not shown)	6

A-140659 — DECAL/INSTALL KIT (6000LB CAPACITY)

Part Number	Description	Qty.
A-133063	FUSE, 200A (not shown)	1
L-401	MTU-GLR INSTALLATION AND OPERATION MANUAL (not shown)	1
A-131119	DECAL: 6000LB	1
A-131017	DECAL: NOTE - DISENGAGE LATCH	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
ATU-071	LEVELING SHIM (not shown)	6

A-140787 — DECAL KIT ONLY (5000LB CAPACITY)

Part Number	Description	Qty.
A-131120	DECAL: 5000LB	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
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

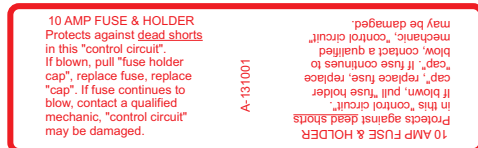
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3 — A-131119



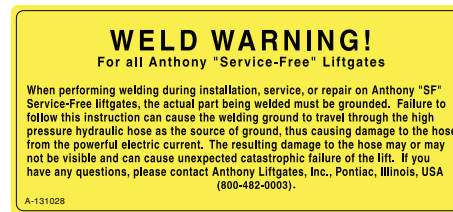
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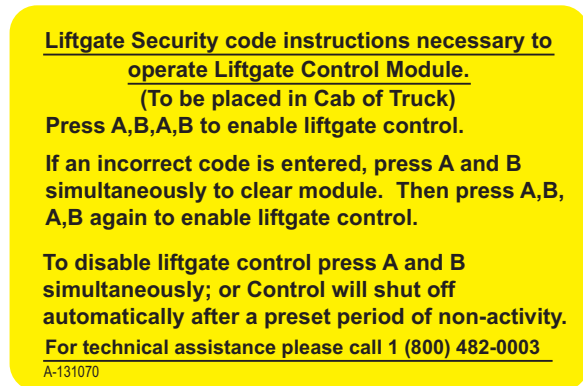
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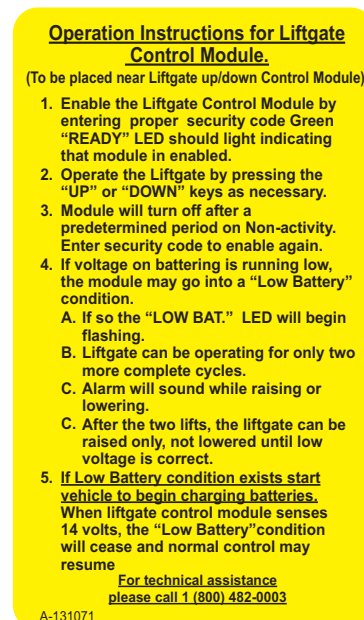
7 — A-131034



8 — A-131070



9 — A-131071



10 — 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 for only two more complete cycles.
 - c) Alarms will sound while raising or lowering.
 - d) After the two lifts, 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	Connect to Gravity Down	Power Down (reverse)
Red	Connect to Gravity Down	Power Down (reverse)
Blue	Connect to Gravity Down	"UP" LED/Control valve
Black	Connect to Gravity Down	Connect to ground
Green	Connect to Gravity Down	Connect to Gravity Down

When raising or lowering, ensure control is used with the LVC control.

1. Control and handling, after which, no further LVC control is required. Use only after the "READY" LED from LVC.

2. The color type of control is used on both Gravity Down or Power Down Liftgates. A standard "gravity" down with the other application.

A-131072

11 — 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

12 — A-131106

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

A-131106

13 — A-150601

PROUDLY MADE IN USA

A-150601

14 — 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

15 — ATU-146

STAND CLEAR
DO NOT RIDE ON LIFT

ATU-146

16 — 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.

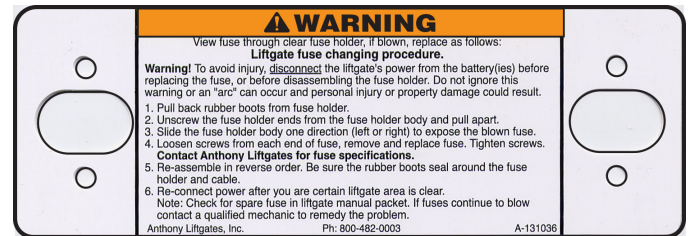
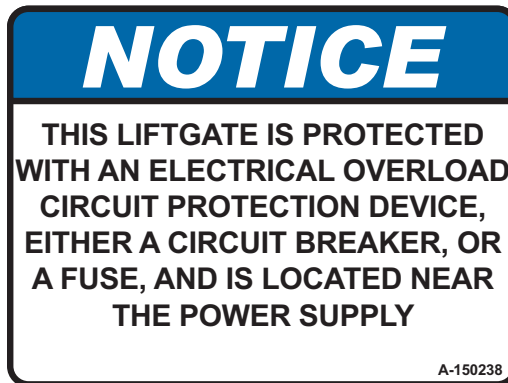
ANTHONY LIFTGATES, INC
1037 WEST HOWARD ST. PONTIAC, IL 61764
A-131045

17 — 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

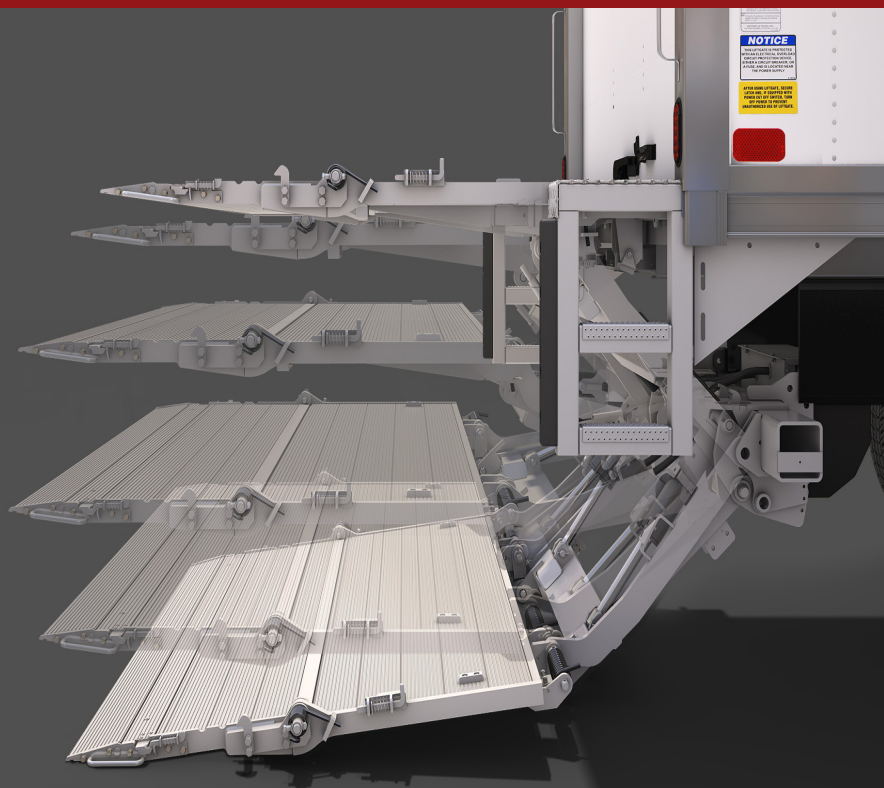


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Gentle Level Ride (GLR)

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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