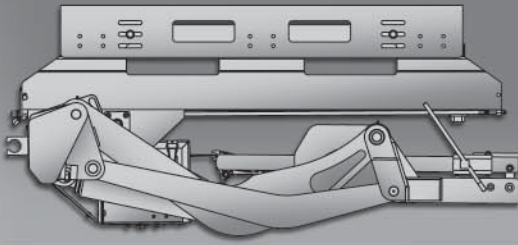


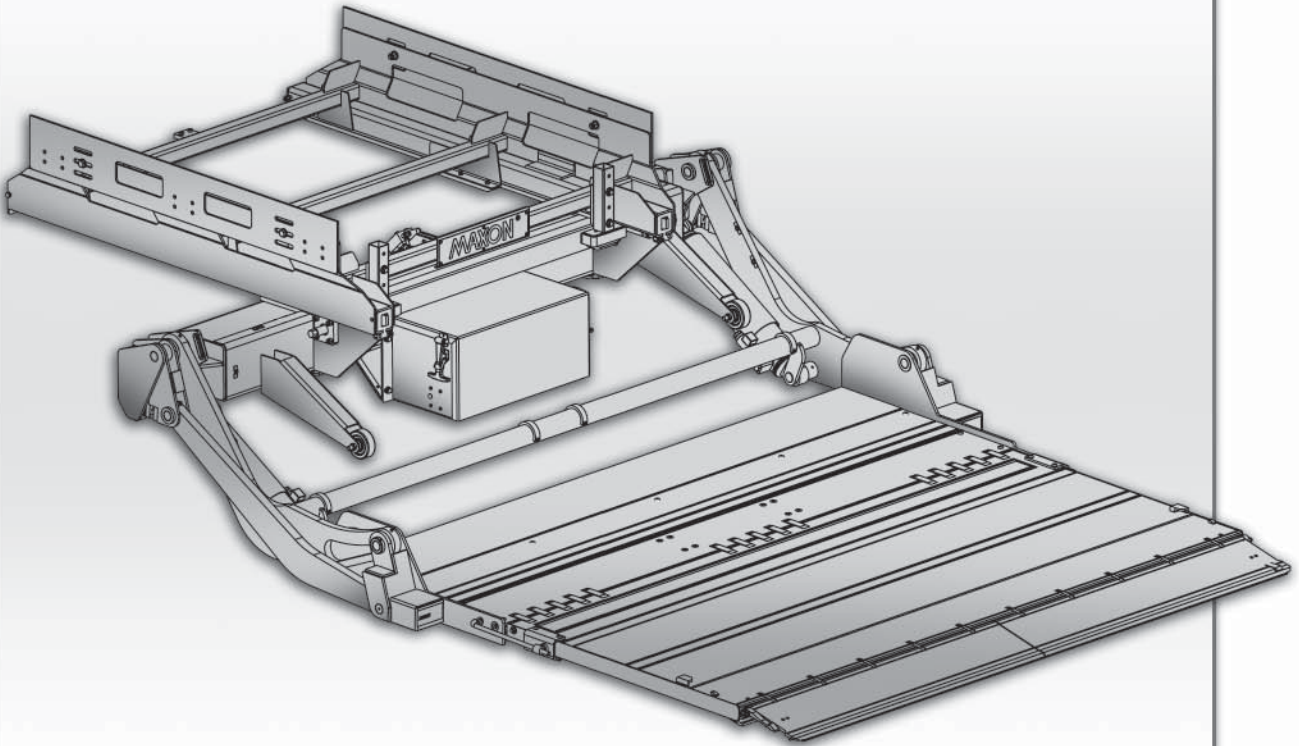
M-08-14  
REV. E  
SEPTEMBER 2014



# MAXON<sup>®</sup> GPSLR Series

## MAINTENANCE MANUAL

GPSLR-33 & GPSLR-44; GPSTLR-33 & GPSTLR-44





# MAXON<sup>®</sup>

## LIFT CORP.

11921 Slauson Ave.  
Santa Fe Springs, CA. 90670

### CUSTOMER SERVICE:

TELEPHONE (562) 464-0099 TOLL FREE (800) 227-4116

FAX: (888) 771-7713

NOTE: For latest version of all Manuals (and replacements), download the Manuals from Maxon's website at [www.maxonlift.com](http://www.maxonlift.com).

## WARRANTY/ RMA POLICY & PROCEDURE

### LIFTGATE WARRANTY

Type of Warranty: Full Parts and Labor

Term of Warranty: Standard Liftgates - 2 years from ship date or 6,000 cycles  
Premium Liftgates - 2 years from ship date or 10,000 cycles

This warranty shall not apply unless the product is installed, operated and maintained in accordance with MAXON Lift's specifications as set forth in MAXON Lift's Installation, Operation and Maintenance manuals. This warranty does not cover normal wear, maintenance or adjustments, damage or malfunction caused by improper handling, installation, abuse, misuse, negligence, or carelessness of operation. In addition, this warranty does not cover equipment that has had unauthorized modifications or alterations made to the product.

MAXON agrees to replace any components which are found to be defective during the first 2 years of service, and will reimburse for labor based on MAXON's Liftgate Warranty Flat Rate Schedule. (Copy of the Flat Rate is available at [www.maxonlift.com](http://www.maxonlift.com).)

All warranty repairs must be performed by an authorized MAXON warranty facility. For any repairs that may exceed \$500, including parts and labor, MAXON's Technical Service Department must be notified and an "Authorization Number" obtained.

All claims for warranty must be received within 30 Days of the repair date, and include the following information:

1. Liftgate Model Number and Serial Number
2. The End User must be referenced on the claim
3. Detailed Description of Problem
4. Corrective Action Taken, and Date of Repair
5. Parts used for Repair, Including MAXON Part Number(s)
6. MAXON R.M.A. # and/or Authorization # if applicable (see below)
7. Person contacted at MAXON if applicable
8. Claim must show detailed information i.e. Labor rate and hours of work performed

Warranty claims can also be placed online at [www.maxonlift.com](http://www.maxonlift.com). Online claims will be given priority processing.

All claims for warranty will be denied if paperwork has not been received or claim submitted via Maxon website for processing by MAXON's Warranty Department within 30 days of repair date.

All components may be subject to return for inspection, prior to the claim being processed. MAXON products may not be returned without prior written approval from MAXON's Technical Service Department. Returns must be accompanied by a copy of the original invoice or reference with original invoice number and are subject to a credit deduction to cover handling charges and any necessary reconditioning costs. **Unauthorized returns will be refused and will become the responsibility of the returnee.**

Any goods being returned to MAXON Lift must be pre-approved for return, and have the R.M.A. number written on the outside of the package in plain view, and returned freight prepaid. All returns are subject to a 15% handling charge if not accompanied by a detailed packing list. Returned parts are subject to no credit and returned back to the customer. Defective parts requested for return must be returned within 30 days of the claim date for consideration to:

MAXON Lift Corp.  
10321 Greenleaf Ave., Santa Fe Springs, CA 90670  
Attn: RMA# \_\_\_\_\_

MAXON's warranty policy does not include the reimbursement for travel time, towing, vehicle rental, service calls, oil, batteries or loss of income due to downtime. Fabrication or use of non Maxon parts, which are available from MAXON, are also not covered.

MAXON's Flat Rate Labor Schedule takes into consideration the time required for diagnosis of a problem.

All Liftgates returned are subject to inspection and a 15% restocking fee. Any returned Liftgates or components that have been installed or not returned in new condition will be subject to an additional reworking charge, which will be based upon the labor and material cost required to return the Liftgate or component to new condition.

### PURCHASE PART WARRANTY

Term of Warranty: 1 Year from Date of Purchase.

Type of Warranty: Part replacement only. MAXON will guarantee all returned genuine MAXON replacement parts upon receipt and inspection of parts and original invoice.

All warranty replacements parts will be sent out via ground freight. If a rush shipment is requested, all freight charges will be billed to the requesting party.

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## SUMMARY OF CHANGES: M-08-14, REVISION E

PAGE	DESCRIPTION OF CHANGE
COVER	Updated REV, date of release and cover image.
	Redesigned platform support shown throughout manual.
28, 30, 34, 50 & 54	Added coverage for GPSTLR models.
10, 90, 91, 92	Revised Internal Control Switch mounting bracket.
22-23	Added Drive Chain adjustment procedure.
24 - 31	Increased quantity (6) for thrust bearing, P/N 908078-02.
40, 41, 44, 45, 48, 49, 52, 53, 56 & 57	Added callouts for Drive Chain Sprocket set screws & Hydraulic Motor key.
40, 41, 44, 45, 48, 49, 52, 53, 56, 57	Revised slide assembly shaft and bearing roller components.
59-63	Added MAXGRIP Decal.
73-83	Added MAXGRIP part numbers for platforms and flipovers.
94-95	Added coil and valve part numbers for hydraulic valves on the 12 VDC Power Unit.
96-99	Revised optional battery box assembly.
102	Added external control switch decals.
102, 104	Changed appearance of UP/Down control switch decal.
	Removed Haldex pump information from Maintenance and Parts Explosions.

Comply with the following **WARNINGS** and **SAFETY INSTRUCTIONS** while maintaining Liftgates. See Operation Manual for operating safety requirements.

## **WARNING**

- Do not stand, or allow obstructions, under the platform when lowering the Liftgate. **Be sure your feet are clear of the Liftgate.**
- **Keep fingers, hands, arms, legs, and feet clear of moving Liftgate parts (and platform edges) when operating the Liftgate.**
- **Correctly stow platform when not in use. Extended platforms could create a hazard for people and vehicles passing by.**
- **Disconnect Liftgate power cable from battery** before repairing or servicing Liftgate.
- If it is necessary to stand on the platform while maintaining the Liftgate, keep your feet and any objects clear of the inboard edge of the platform. Your feet or objects on the platform can become trapped between the platform and the Liftgate extension plate.
- Recommended practices for welding on steel parts are contained in the current **AWS (American Welding Society) D1.1 Structural Welding Code - Steel**. Damage to Liftgate and/or vehicle, and personal injury could result from welds that are done incorrectly.
- Recommended practices for welding on aluminum parts are contained in the current **AWS (American Welding Society) D1.2 Structural Welding Code - Aluminum**. Damage to Liftgate and/or vehicle, and personal injury could result from welds that are done incorrectly.

## **SAFETY INSTRUCTIONS**

- Read and understand the instructions in this **Maintenance Manual** before performing maintenance on the Liftgate.
- Before operating the Liftgate, read and understand the operating instructions in **Operation Manual**.
- Comply with all **WARNING** and instruction decals attached to the Liftgate.
- Keep decals clean and legible. If decals are illegible or missing, replace them. Free replacement decals are available from **Maxon Customer Service**.
- Consider the safety and location of bystanders and location of nearby objects when operating the Liftgate. Stand to one side of the platform while operating the Liftgate
- Do not allow untrained persons or children to operate the Liftgate.
- Wear appropriate safety equipment such as protective eyeglasses, faceshield and clothing while performing maintenance on the Liftgate and handling the battery. Debris from drilling and contact with battery acid may injure unprotected eyes and skin.
- Be careful working by an automotive type battery. Make sure the work area is well ventilated and there are no flames or sparks near the battery. Never lay objects on the battery that can short the terminals together. If battery acid gets in your eyes, immediately seek first aid. If acid gets on your skin, immediately wash it off with soap and water.

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- If an emergency situation arises (vehicle or Liftgate) while operating the Liftgate, release the control switch to stop the Liftgate.
- A correctly installed Liftgate operates smoothly and reasonably quiet. The only noticeable noise during operation comes from the power unit while the platform is raised. Listen for scraping, grating and binding noises and correct the problem before continuing to operate Liftgate.
- Use only **Maxon Authorized Parts** for replacement parts. Provide Liftgate model and serial number information with your parts order. Order replacement parts from:

**MAXON LIFT CORP. Customer Service**  
**11921 Slauson Ave., Santa Fe Springs, CA 90670**

**Online: [www.maxonlift.com](http://www.maxonlift.com)**

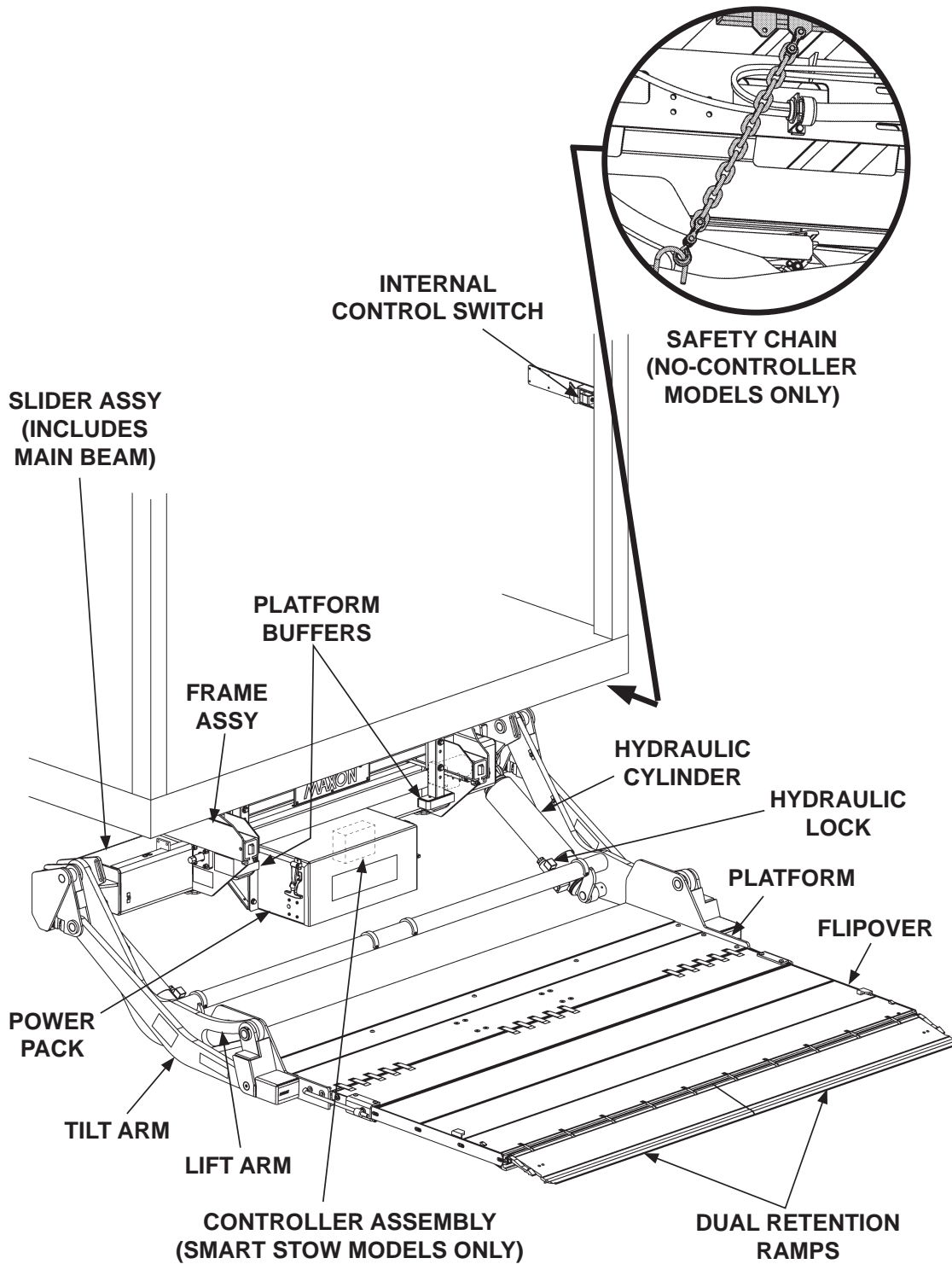
**Express Parts Ordering: Phone (800) 227-4116 ext. 4345**

**Email: Ask your Customer Service representative**

# LIFTGATE TERMINOLOGY

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# PERIODIC MAINTENANCE

## PERIODIC MAINTENANCE CHECKS

### ⚠ WARNING

Never operate the Liftgate if parts are loose or missing.

**NOTE:** Make sure vehicle is parked on level ground while performing the maintenance checks.

### Quarterly or 1250 Cycles (whichever occurs first)

Check the hydraulic fluid level in the pump reservoir. Refer to the **CHECKING HYDRAULIC FLUID** procedure in the **PERIODIC MAINTENANCE** section.

If hydraulic fluid appears contaminated, refer to the **CHANGING HYDRAULIC FLUID** procedure in the **PERIODIC MAINTENANCE** section.

Keep track of the grade of hydraulic fluid in the pump reservoir and never mix two different grades of fluid.

Check all hoses and fittings for chafing and fluid leaks. Tighten loose fittings or replace parts as required.

Check electrical wiring for chafing and make sure wiring connections are tight and free of corrosion. Use dielectric grease to protect electrical connections.

Check that all **WARNING and instruction decals** are in place. Also, make sure decals are legible, clean and undamaged.

Check that all bolts, nuts, and roll pins are in place. Make sure roll pins protrude evenly from both sides of hinge pin collar. Replace fasteners and roll pins if necessary.

Check for debris and dirt buildup on the slider rollers and rails. Clean out any buildup of dirt and debris.

### CAUTION

**Damaged cylinder seals and contaminated hydraulic fluid can result from painting the polished portion of the cylinder rod. To prevent damage, protect the exposed polished portion of the cylinder rod while painting.**

Check for rust and oily surfaces on Liftgate. If there is rust or oil on Liftgate, clean it off. Touch up the paint where bare metal is showing. MAXON recommends using the aluminum primer touchup paint kit, P/N 908134-01.

Check that safety chain and snap hook are in place on models with no controller.

### Semi-annually or 2500 Cycles (whichever occurs first)

Visually check the platform hinge pins for excessive wear and broken welds. See **PARTS BREAKDOWN** section for replacement parts. Also, do the **Quarterly or 1250 Cycles** maintenance checks.

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## PERIODIC MAINTENANCE CHECKLIST

**NOTE:** Make sure vehicle is parked on level ground while performing maintenance checks.

### Quarterly or 1250 Cycles (whichever occurs first)

- Check the level and condition of the hydraulic fluid.
- Visually check all hoses and fittings for chafing and fluid leaks. Tighten loose fittings or replace parts as required.
- Check electrical wiring for chafing and make sure wiring connections are tight and free of corrosion. Use dielectric grease to protect electrical connections.
- Check that all **WARNING and instruction decals** are in place. Also, make sure decals are legible, clean, and undamaged.
- Check that all bolts, nuts, and roll pins are in place. Make sure roll pins protrude evenly from both sides of hinge pin collar. Replace fasteners and roll pins if necessary.
- Check for debris and dirt buildup on the slider rollers and rails. Clean out any buildup of dirt and debris.
- Check for rust and oily surfaces on Liftgate. If there is rust or oil on Liftgate or if the Liftgate is dirty, clean it off. Touch up the paint where bare metal is showing. Refer to the paint system **CAUTION** and recommended touchup kit on the preceding page.
- Check that safety chain and snap hook are in place on models with no controller.

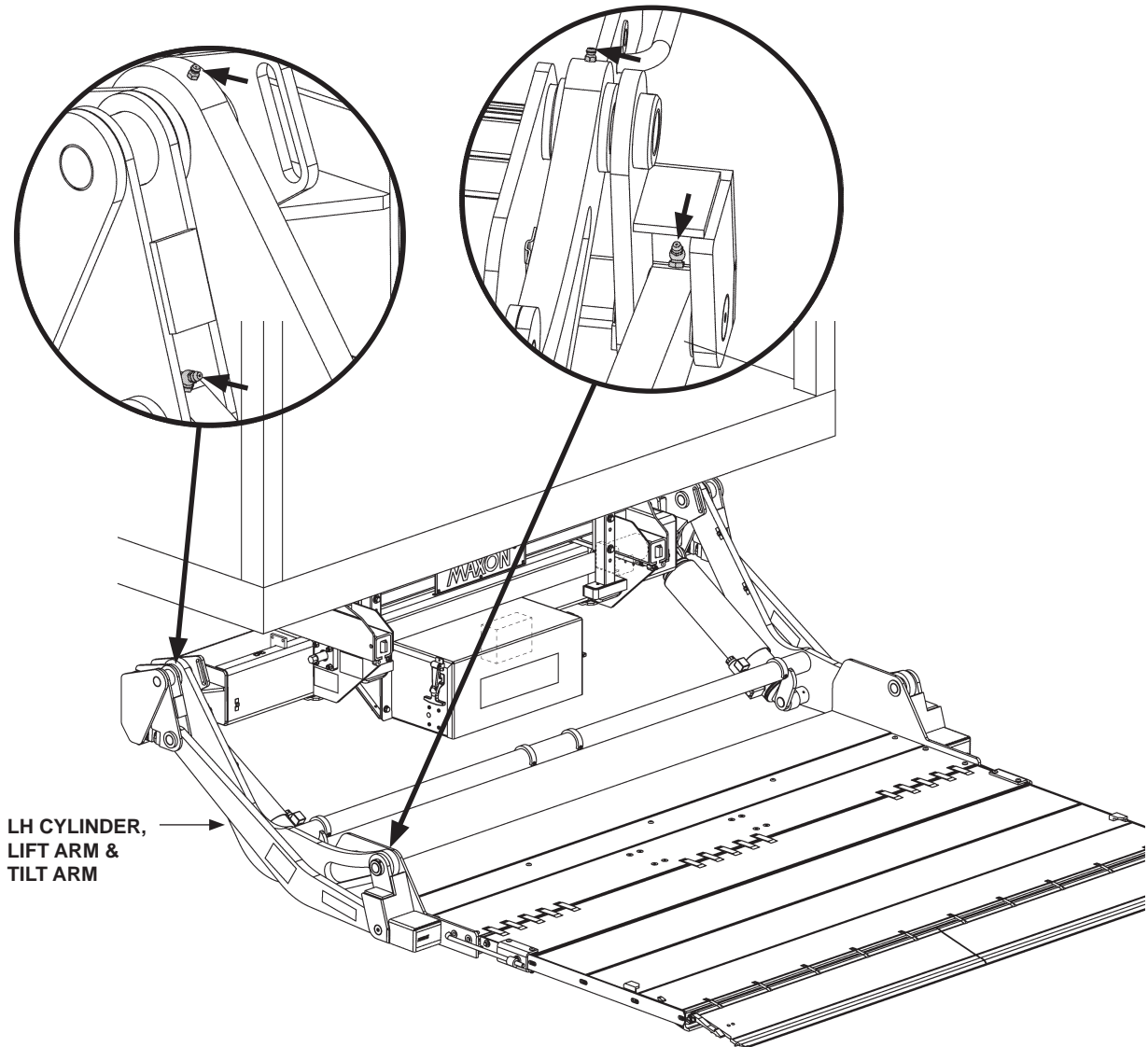
### Semi-annually or 2500 Cycles (whichever occurs first)

- Visually check the platform hinge pins for excessive wear and broken welds.
- Do the **Quarterly or 1250 Cycles Checks** on this checklist.

## PERIODIC MAINTENANCE CHECKLIST

**NOTE:** Lube fittings are shown for the LH cylinder, lift arm, and tilt arm. There are also lube fittings at the same places on the RH cylinder, lift arm, and tilt arm.

Refer to lubrication diagram (**FIG. 14-1**) to find the lube fittings on cylinders and arms. Pump EP chassis grease in each lube fitting on the cylinders and arms until grease starts oozing from ends of the bearings. Then, wipe off excess grease with a clean lint-free cloth.



**GPSLR LUBRICATION DIAGRAM  
FIG. 14-1**

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## CHECKING HYDRAULIC FLUID

### CAUTION

Keep dirt, water and other contaminants from entering the hydraulic system. Before opening the hydraulic fluid reservoir filler cap, drain plug and hydraulic lines, clean up contaminants that can get in the openings. Also, protect the openings from accidental contamination.

**NOTE:** Use correct grade of hydraulic fluid for your location.

**+50 to +120 Degrees F - Grade ISO 32**

**Below +70 Degrees F - Grade ISO 15 or MIL-H-5606**

See **TABLES 17-1 & 17-2** for recommended brands.

1. Unstow and lower Liftgate to ground.
2. Unlatch and open pump cover (**FIG. 16-1**).
3. Check the hydraulic fluid level in reservoir as follows. With Liftgate on ground, level should be as shown in **FIG. 16-2**.

**NOTE:** If the hydraulic fluid in the reservoir is contaminated, do the **CHANGING HYDRAULIC FLUID** procedure in this section.

### CAUTION

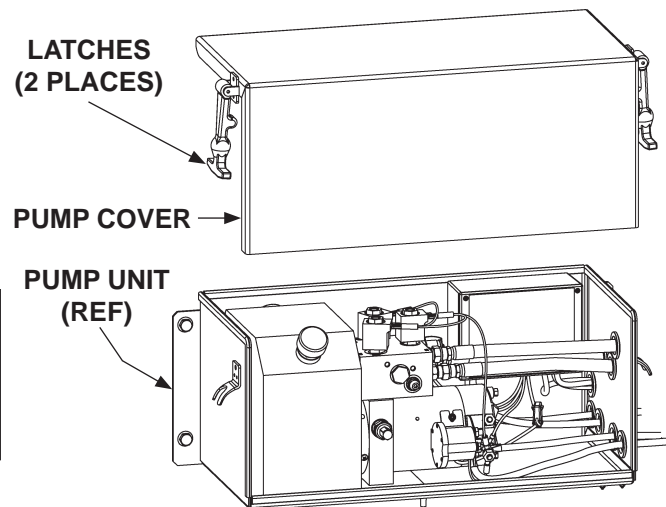
Do not fill reservoir to the **FULL** mark on the dipstick. Hydraulic fluid can overflow from the reservoir.

4. If needed, add hydraulic fluid to the reservoir as follows. Remove filler cap (**FIG. 16-2**). Fill the reservoir with hydraulic fluid to 3/4" above bottom of dipstick (**FIG. 16-2**). Reinstall filler cap (**FIG. 16-2**).

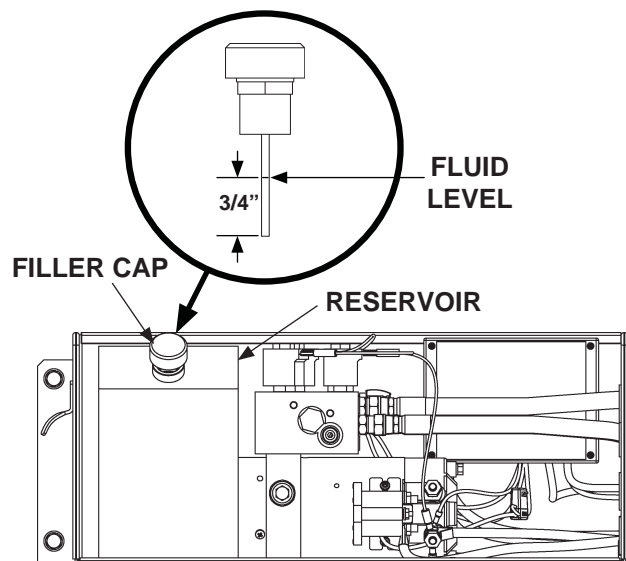
### CAUTION

Pump cover must be correctly secured to prevent it from becoming a hazard. Ensure pump cover is latched to pump box.

5. Close and latch the pump cover as shown in **FIG. 16-1**.



**UNLATCH/LATCH PUMP COVER**  
**FIG. 16-1**



**POWER UNIT FLUID LEVEL**  
**FIG. 16-2**



ISO 32 HYDRAULIC OIL	
RECOMMENDED BRANDS	PART NUMBER
AMSOIL	AWH-05
CHEVRON	HIPERSYN 32
KENDALL	GOLDEN MV
SHELL	TELLUS S2 V32
EXXON	UNIVIS N-32
MOBIL	DTE-13M, DTE-24, HYDRAULIC OIL-13

**TABLE 17-1**

ISO 15 OR MIL-H-5606 HYDRAULIC OIL	
RECOMMENDED BRANDS	PART NUMBER
AMSOIL	AWF-05
CHEVRON	FLUID A, AW-MV-15
KENDALL	GLACIAL BLU
SHELL	TELLUS S2 V15
EXXON	UNIVIS HVI-13
MOBIL	DTE-11M
ROSEMEAD	THS FLUID 17111

**TABLE 17-2**

## CHANGING HYDRAULIC FLUID

### CAUTION

Keep dirt, water and other contaminants from entering the hydraulic system. Before opening the hydraulic fluid reservoir filler cap, drain plug and hydraulic lines, clean up contaminants that can get in the openings. Also, protect the openings from accidental contamination.

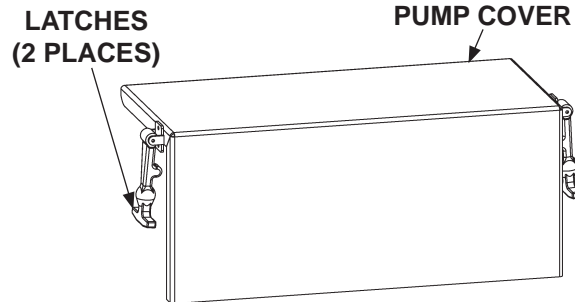
**NOTE:** Use correct grade of hydraulic fluid for your location.

**+50 to +120 Degrees F - Grade ISO 32**

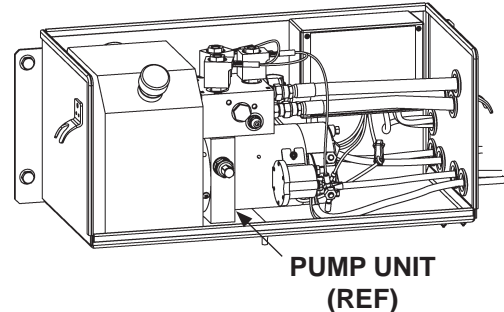
**Below +70 Degrees F - Grade ISO 15 or MIL-H-5606**

See **TABLES 17-1 & 17-2** for recommended brands.

1. Unstow and lower Liftgate to ground.

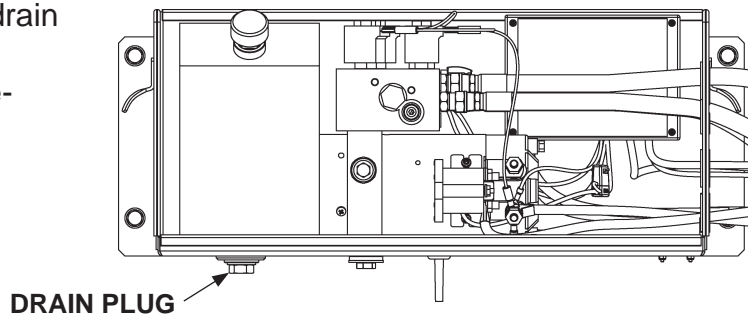


2. Unlatch and open the pump cover (**FIG. 18-1**).



**UNLATCH PUMP COVER  
FIG. 18-1**

3. Place empty 5 gallon bucket under drain plug (**FIG. 18-2**). Remove drain plug (**FIG. 18-2**). Drain hydraulic fluid. Re-install drain plug (**FIG. 18-2**).



**POWER UNIT  
FIG. 18-2**

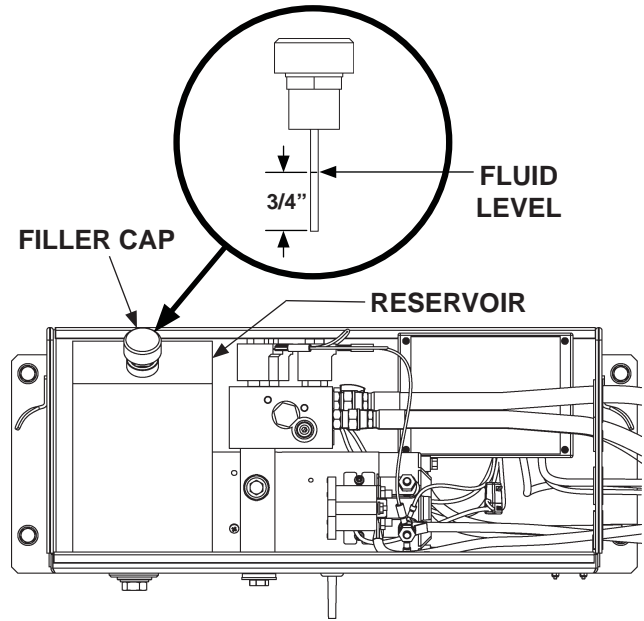
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## CAUTION

Do not fill reservoir to the FULL mark on the dipstick. Hydraulic fluid can overflow from the reservoir.

4. Remove filler cap (FIG. 19-1). Add 1 gallon of hydraulic fluid to the reservoir. Hydraulic fluid level should be 3/4" above bottom of dipstick (FIG. 19-1). Reinstall filler cap (FIG. 19-1).
5. Stow the lift and do the **CHECKING HYDRAULIC FLUID** procedure in this section of the manual.

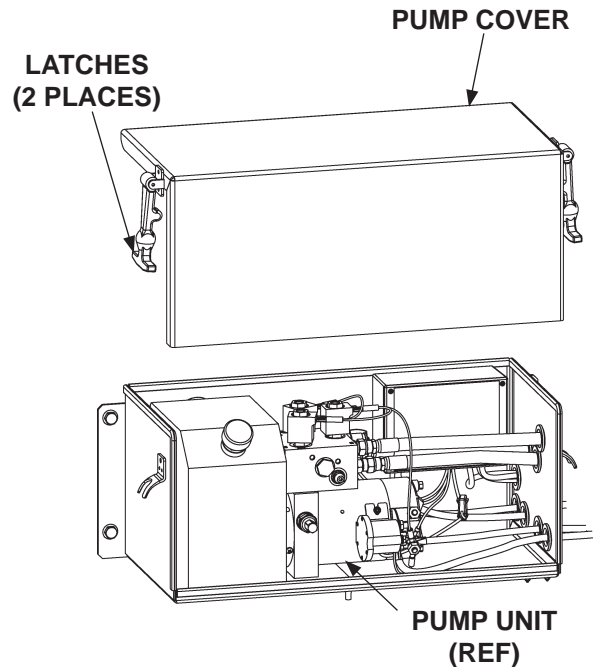


POWER UNIT  
FIG. 19-1

## CAUTION

Pump cover must be correctly secured to prevent it from becoming a hazard. Ensure pump cover is latched to pump box.

6. Close and latch the pump cover as shown in FIG. 19-2.

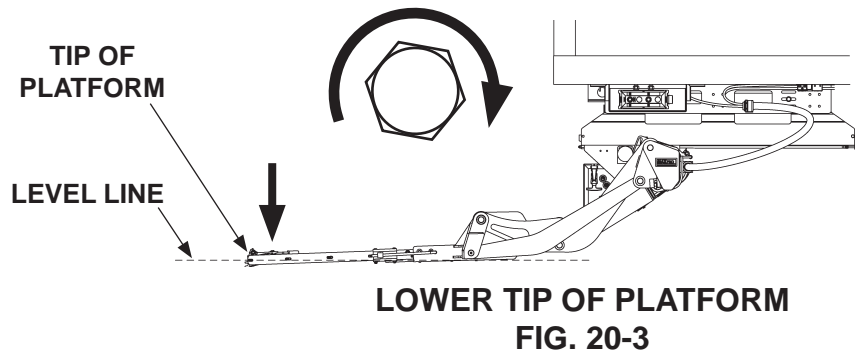
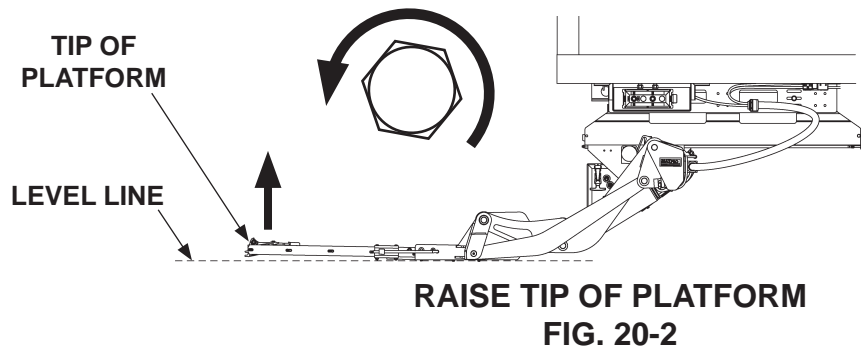
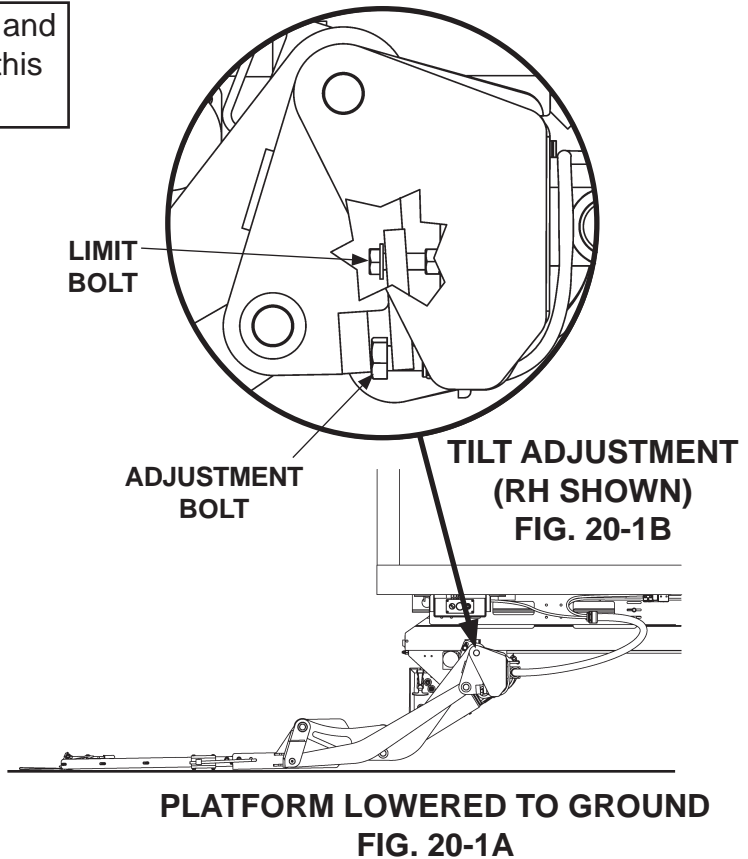


UNLATCH PUMP COVER  
FIG. 19-2

## PLATFORM ADJUSTMENT

**NOTE:** Park vehicle on level ground and unload vehicle before doing this procedure.

1. Lower platform to ground and unfold flipover (**FIG. 20-1A**).
2. Loosen adjustment and limit bolts on both sides of platform (**FIG. 20-1B**).
3. Turn adjustment bolts counterclockwise to tilt the tip of platform up (**FIG. 20-2**), or turn clockwise to tilt down (**FIG. 20-3**).
4. Once platform is adjusted, tighten limit bolts securely on both sides of platform (**FIG. 20-1B**).



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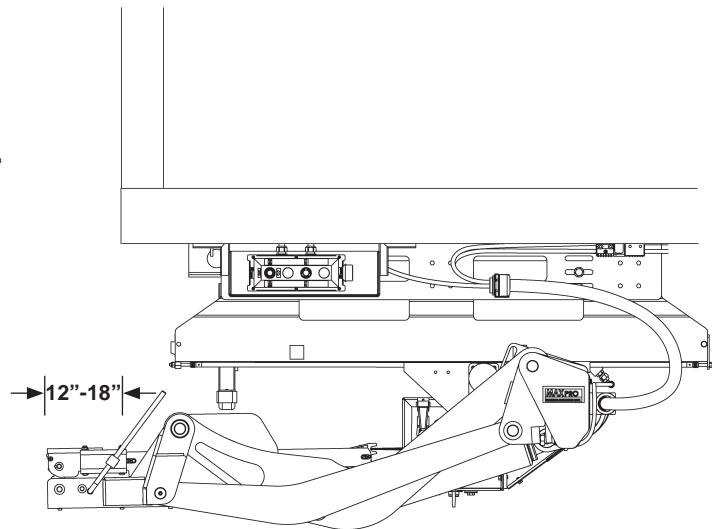
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## DRIVE CHAIN ADJUSTMENT

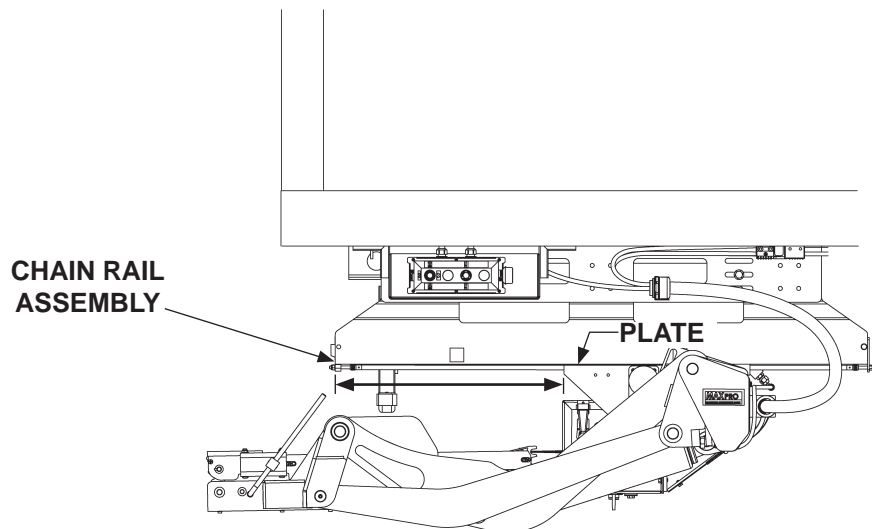
**NOTE:** Improperly adjusted drive chains cause slide frame binding. Normal slide frame runout speed is from 5-8 seconds.

1. Lower the slide frame so it can be moved out. See **GPSLR/GPSTLR Operations Manual (M-08-13)**.
2. Move the slide frame out (**FIG. 22-1**). See **GPSLR/GPSTLR Operations Manual (M-08-13)**.



**POSITION SLIDE FRAME  
FIG. 22-1**

3. Measure and record the distance from the front edge of the plate below the chain roller wheels, to the end of the chain rail assembly (**FIG. 22-2**). Repeat measurement for both chains.

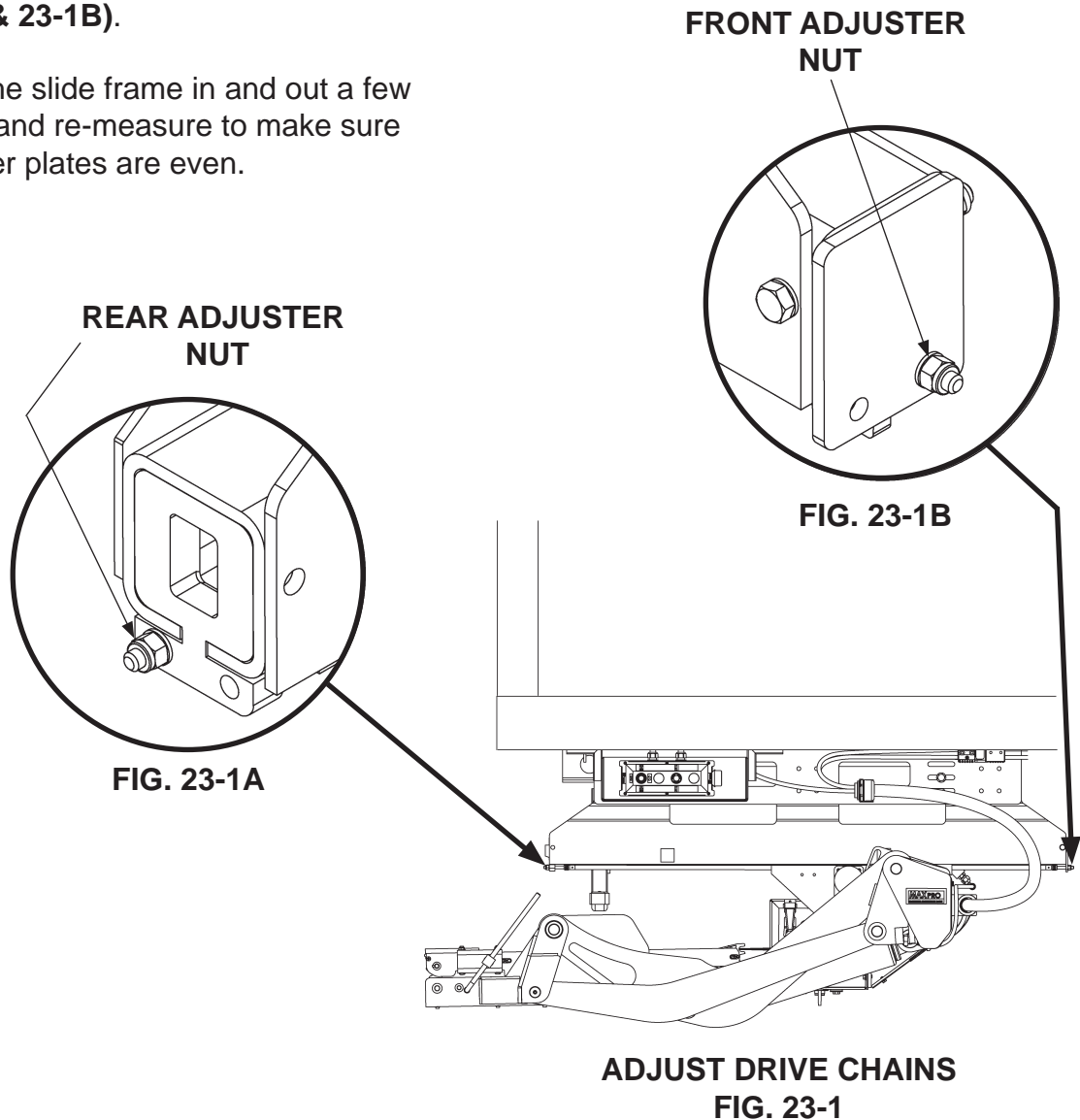


**MEASURE DRIVE CHAIN DIMENSIONS  
FIG. 22-2**

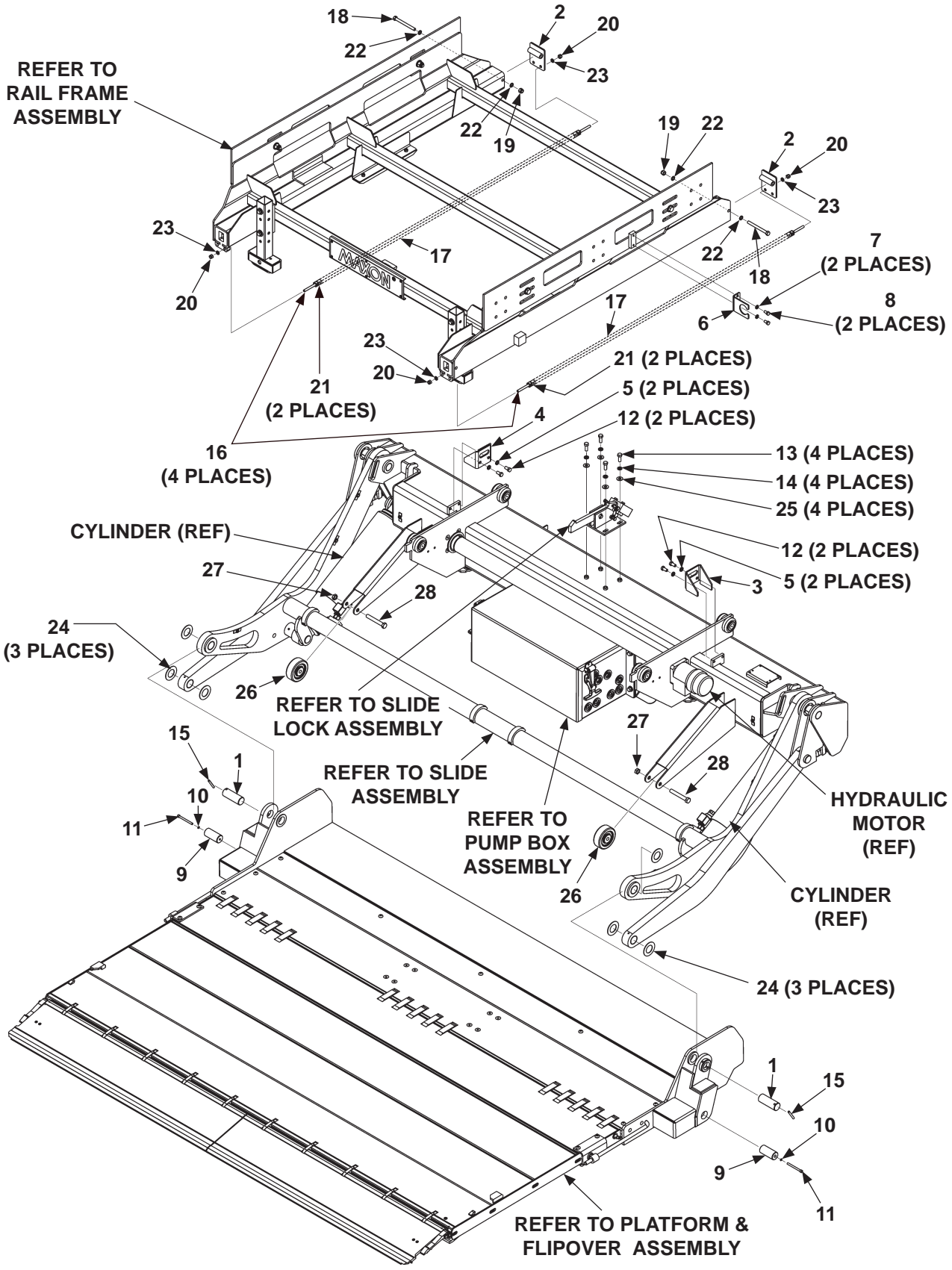
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4. Adjust the chain with smallest measured dimension, to match the chain with longest measured dimension, as follows. Loosen chain adjuster nut at the rear of the chain rail assembly. Then, turn the front adjuster nut clockwise to extend the shortest chain to match the longest chain dimension (**FIGS. 23-1A & 23-1B**).
5. Measure the distance of the 2 chains. When dimension is the same for both chains, tighten the adjuster nuts (**FIGS. 23-1A & 23-1B**).
6. Move the slide frame in and out a few inches and re-measure to make sure the roller plates are even.



# PARTS BREAKDOWN MAIN ASSEMBLY WITH SMART STOW (GPSLR)

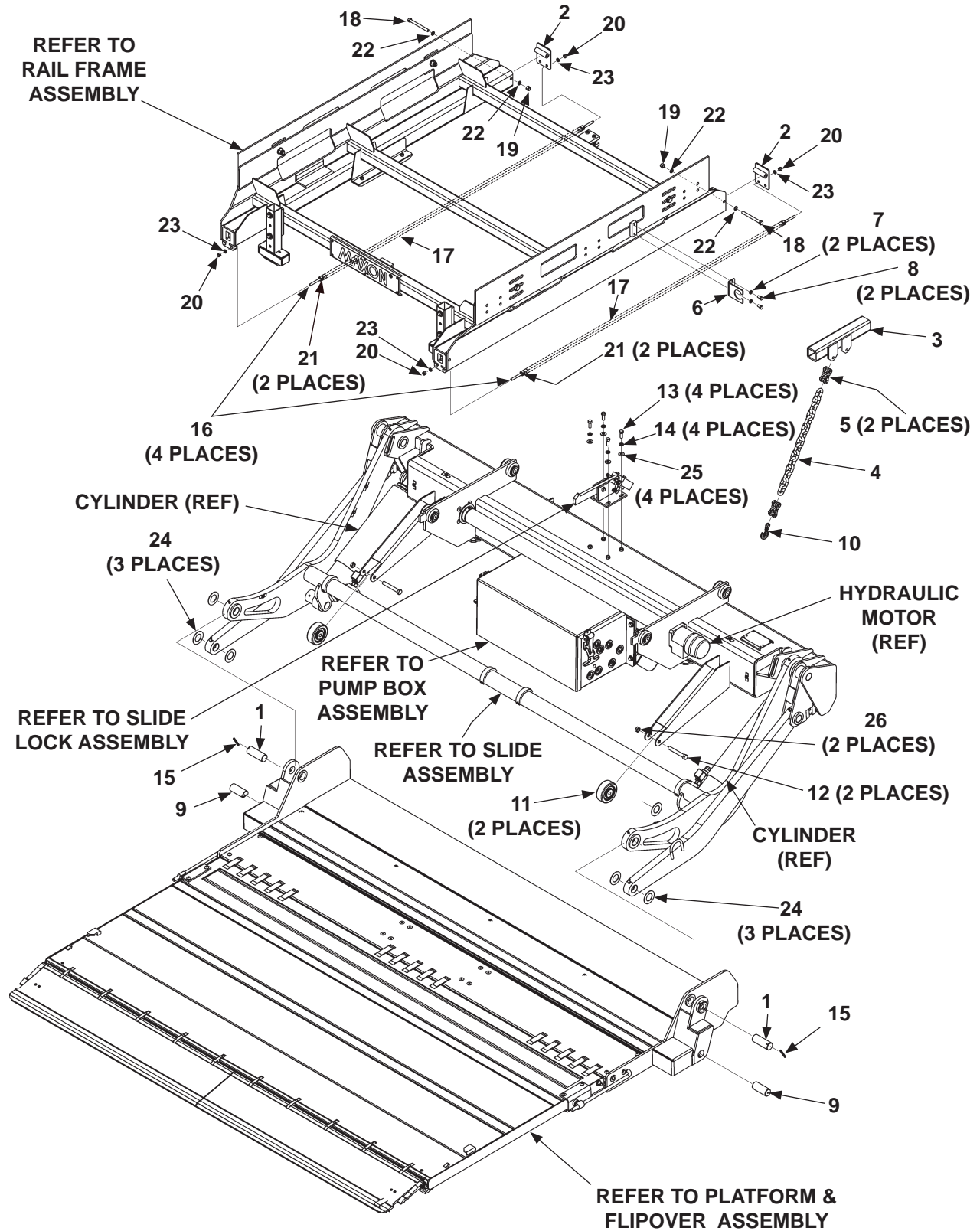


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ITEM	QTY.	PART NO.	DESCRIPTION
1	2	RSM0052	DRILLED PIN, 3-13/32" LG.
2	2	RSM0110	FRAME CAP WELDMENT
3	1	283341-01	PROXIMITY SWITCH OUT BRACKET (SMART STOW ONLY)
4	1	283341-02	PROXIMITY SWITCH IN BRACKET (SMART STOW ONLY)
5	4	903435-06	LOCK WASHER, NORD-LOCK, 3/8" (M10) (SMART STOW ONLY)
6	1	268514-01	CONDUIT BRACKET
7	4	902011-3	LOCK WASHER, 5/16"
8	2	900009-1	CAP SCREW, 5/16"-18 X 5/8" LG.
9	2	RSM0051	PIN, 2-11/16" LG.
10	2	903440-01	LOCK WASHER, 1/4"
11	2	900025-11	SOCKET SCREW, 1/4"-20 X 2-3/4" LG.
12	4	900000-3	HEX BOLT, 1/4"-20 X 3/4" GRADE 8 (SMART STOW ONLY)
13	4	900014-4	CAP SCREW, 3/8"-16 X 1" LG.
14	4	902011-4	LOCK WASHER, 3/8"
15	2	905033-5	ROLL PIN, 1/4" X 2" LG.
16	4	RSM0017	CHAIN ADJUSTER
17	2	268262-03	CHAIN, ANSI #50, 85 LINKS (58" SLIDE RAIL)
		268262-09	CHAIN, ANSI #50, 90 LINKS (62" SLIDE RAIL)
18	2	900014-14	CAP SCREW, 3/8"-16 X 4" LG.
19	2	901002	LOCK NUT, 3/8"-16
20	4	901001	LOCK NUT, 5/16"-18
21	4	268263-01	CONNECTING LINK, ANSI #50
22	4	902000-10	FLAT WASHER, 3/8"
23	4	902000-8	FLAT WASHER, 5/16"
24	6	908078-02	THRUST BEARING, 1-1/4" I.D.
25	4	902001-2	FLAT WASHER, 3/8"
26	2	280082-01	ROLLER, OPENER, 3-1/2" X 1-1/4" X 1/2" (58" & 62" MODELS ONLY)
27	2	901008	NYLON NUT, 1/2"-20 (58" & 62" MODELS ONLY)
28	2	900033-10	CAP SCREW, 1/2"-20 X 3-1/2", GRADE 8 (58" & 62" MODELS ONLY)

# MAIN ASSEMBLY - NO CONTROLLER (GPSLR)



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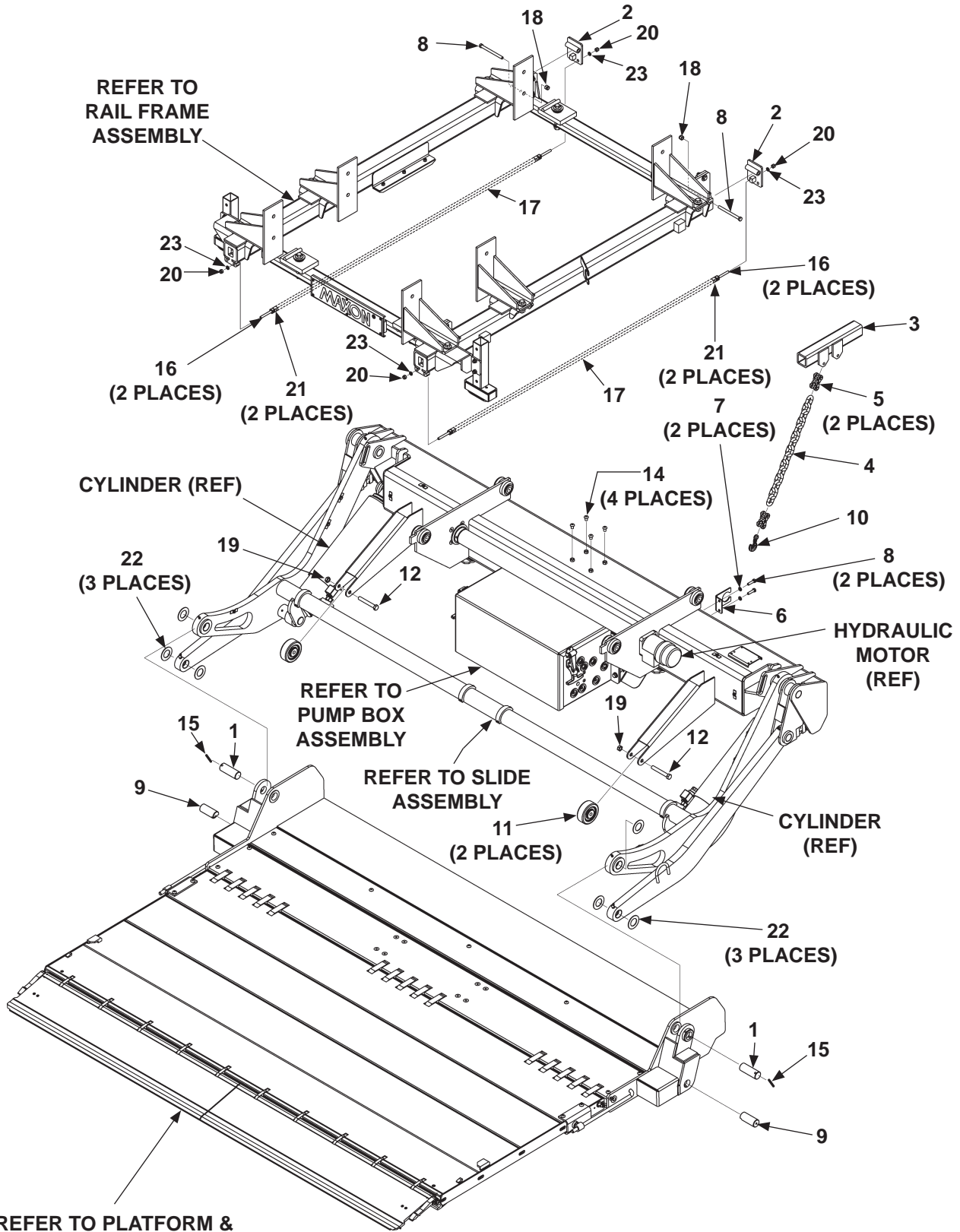
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ITEM	QTY.	PART NO.	DESCRIPTION
1	2	RSM0052	DRILLED PIN, 3-13/32" LG.
2	2	RSM0110	FRAME CAP WELDMENT
3	1	287133-01	LATCH CHAIN MOUNTING WELDMENT
4	1	282866-07	CHAIN, GALVANIZED, 3/8" X 18" LG.
5	2	285989-01	CHAIN SHACKLE
6	1	268514-01	CONDUIT BRACKET
7	4	902011-3	LOCK WASHER, 5/16"
8	2	900009-1	CAP SCREW, 5/16"-18 X 5/8" LG.
9	2	285217-01	TILT ARM PIN , 15/16"
10	1	225990	SNAP HOOK, 3/4" X 4" LG.
11	2	280082-01	ROLLER, OPENER, 3-1/2" X 1-1/4" X 1/2" (58" & 62" MODELS ONLY)
12	2	900033-10	CAP SCREW, 1/2"-20 X 3-1/2", GRADE 8 (58" & 62" MODELS ONLY)
13	4	900014-4	CAP SCREW, 3/8"-16 X 1" LG.
14	4	902011-4	LOCK WASHER, 3/8"
15	2	905033-5	ROLL PIN, 1/4" X 2" LG.
16	4	RSM0017	CHAIN ADJUSTER
17	2	268262-03	CHAIN, ANSI #50, 85 LINKS (58" SLIDE RAIL)
		268262-09	CHAIN, ANSI #50, 90 LINKS (62" SLIDE RAIL)
		268262-05	CHAIN, ANSI #50, 105 LINKS (70" SLIDE RAIL)
18	2	900014-14	CAP SCREW, 3/8"-16 X 4" LG.
19	2	901002	LOCK NUT, 3/8"-16
20	4	901001	LOCK NUT, 5/16"-18
21	4	268263-01	CONNECTING LINK, ANSI #50
22	4	902000-10	FLAT WASHER, 3/8"
23	4	902000-8	FLAT WASHER, 5/16"
24	6	908078-02	THRUST BEARING, 1-1/4" I.D.
25	4	902001-2	FLAT WASHER, 3/8"
26	2	901008	NYLON NUT, 1/2"-20 (58" & 62" MODELS ONLY)



ITEM	QTY.	PART NO.	DESCRIPTION
1	2	RSM0052	DRILLED PIN, 3-13/32" LG.
2	2	RSM0110	FRAME CAP WELDMENT
3	4	901001	LOCK NUT, 5/16"-18
4	4	268263-01	CONNECTING LINK, ANSI #50
5	6	908078-02	THRUST BEARING, 1-1/4" I.D.
6	1	268514-01	CONDUIT BRACKET
7	2	902011-3	LOCK WASHER, 5/16"
8	2	900014-15	CAP SCREW, 3/8"-16 X 4-1/2" LG.
9	2	285217-01	TILT ARM PIN , 15/16"
10	4	902000-8	FLAT WASHER, 5/16"
11	2	280082-01	ROLLER, OPENER, 3-1/2" X 1-1/4" X 1/2"
12	2	900033-10	CAP SCREW, 1/2"-20 X 3-1/2", GRADE 8
13	2	900014-4	CAP SCREW, 3/8"-16 X 1" LG.
14	4	900064-01	CAP SCREW, BUTTON, 3/8"-16 X 1/2" LG.
15	2	905033-5	ROLL PIN, 1/4" X 2" LG.
16	4	RSM0017	CHAIN ADJUSTER
17	2	268262-08	CHAIN, ANSI #50, 90.8 LINKS (61" SLIDE RAIL)
18	8	901002	NYLON NUT, 3/8"-16
19	2	901008	NYLON NUT, 1/2"-20

# MAIN ASSEMBLY - NO CONTROLLER (GPSTLR)

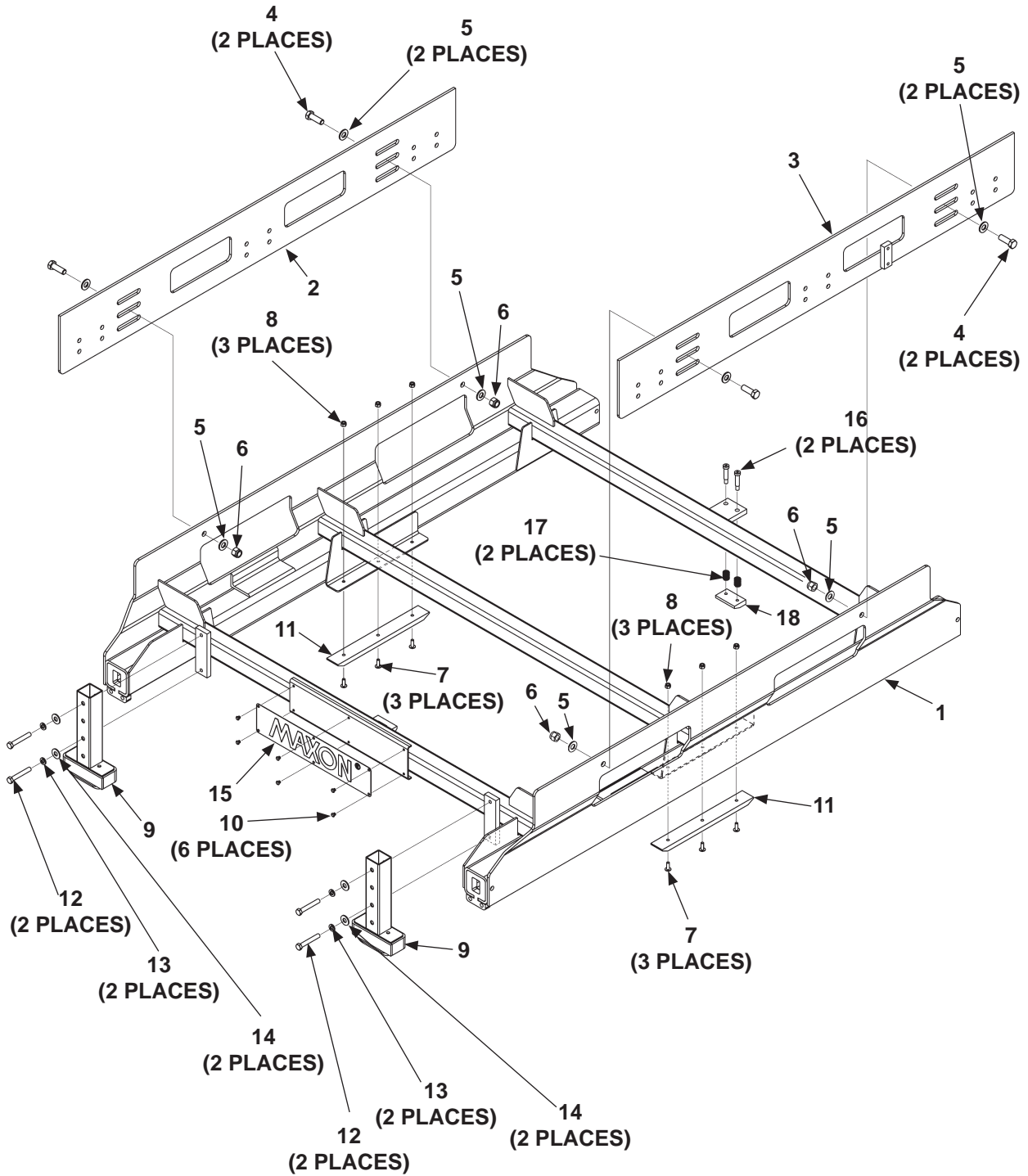


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ITEM	QTY.	PART NO.	DESCRIPTION
1	2	RSM0052	DRILLED PIN, 3-13/32" LG.
2	2	RSM0110	FRAME CAP WELDMENT
3	1	287133-01	LATCH CHAIN MOUNTING WELDMENT
4	1	282866-07	CHAIN, GALVANIZED, 3/8" X 18" LG.
5	2	285989-01	CHAIN SHACKLE
6	1	268514-01	CONDUIT BRACKET
7	2	902011-3	LOCK WASHER, 5/16"
8	2	900014-15	CAP SCREW, 3/8"-16 X 4-1/2" LG.
9	2	285217-01	TILT ARM PIN , 15/16"
10	1	225990	SNAP HOOK, 3/4" X 4" LG.
11	2	280082-01	ROLLER, OPENER, 3-1/2" X 1-1/4" X 1/2"
12	2	900033-10	CAP SCREW, 1/2"-20 X 3-1/2", GRADE 8
13	2	900014-4	CAP SCREW, 3/8"-16 X 1" LG.
14	4	900064-01	CAP SCREW, BUTTON, 3/8"-16 X 1/2" LG.
15	2	905033-5	ROLL PIN, 1/4" X 2" LG.
16	4	RSM0017	CHAIN ADJUSTER
17	2	268262-08	CHAIN, ANSI #50, 90.8 LINKS (61" SLIDE RAIL)
18	8	901002	NYLON NUT, 3/8"-16
19	2	901008	NYLON NUT, 1/2"-20
20	4	901001	LOCK NUT, 5/16"-18
21	4	268263-01	CONNECTING LINK, ANSI #50
22	6	908078-02	THRUST BEARING, 1-1/4" I.D.
23	4	902000-8	FLAT WASHER, 5/16"

# SLIDE RAIL FRAME ASSEMBLY (GPSLR)



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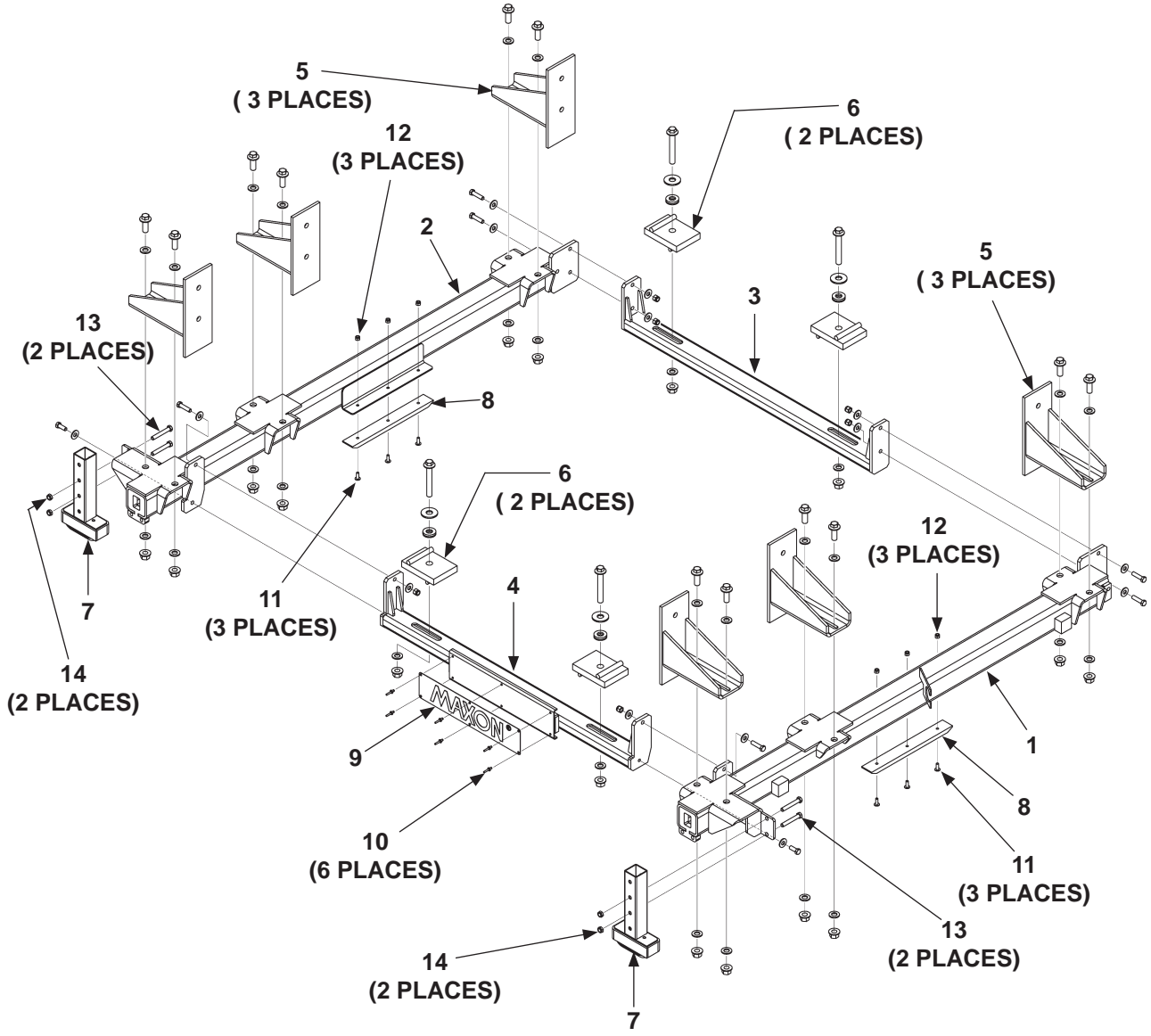


ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268495-01	SLIDE RAIL FRAME ASSEMBLY WITH MOUNTING PLATE, 58"
		268495-01G	SLIDE RAIL FRAME ASSEMBLY WITH MOUNTING PLATE, 58", GALVANIZED
		268495-03	SLIDE RAIL FRAME ASSEMBLY WITH MOUNTING PLATE, 62"
		268495-3G	SLIDE RAIL FRAME ASSEMBLY WITH MOUNTING PLATE, 62", GALVANIZED
		285350-01	SLIDE RAIL FRAME ASSEMBLY WITH MOUNTING PLATE, 70"
1	1	268490-01	RAIL FRAME WELDMENT, 58"
		268490-01G	RAIL FRAME WELDMENT, 58", GALVANIZED
		268490-03	RAIL FRAME WELDMENT, 62"
		268490-03G	RAIL FRAME WELDMENT, 62", GALVANIZED
		285351-01	RAIL FRAME WELDMENT, 70"
2	1	268477-01	FRAME MOUNT PLATE, LH, 48"
		268477-03	FRAME MOUNT PLATE, LH, 52"
		285355-01	FRAME MOUNT PLATE, LH, 60"
3	1	268518-01	FRAME MOUNT PLATE, RH, 48"
		268518-03	FRAME MOUNT PLATE, RH, 52"
		285354-01	FRAME MOUNT PLATE, RH, 60"
4	4	900033-2	CAP SCREW, 1/2"-20 X 1-1/4" LG.
5	8	903443-10	WASHER, 1/2"
6	4	901016-1	LOCK NUT, 1/2"-20
7	6	900725-03	FLANGE SCREW, 1/2"-20 X 3/4" LG.
8	6	901000	LOCK NUT, 1/4"-20
9	2	268508-02	PARK STOP ASSEMBLY, WITH BUFFER
		268508-02G	PARK STOP ASSEMBLY, WITH BUFFER, GALVANIZED
10	6	207644-01	POP RIVET, 3/16" X .45" DOME
11	2	268492-01	CHAIN GUARD BAR
12	4	900014-10	CAP SCREW, 3/8"-16 X 2-1/2", GRADE 8
13	4	902011-4	LOCK WASHER, 3/8"
14	4	903442-03	FLAT WASHER, 3/8", GRADE 8
15	1	050175	MAXON PLATE
16	2	900723-07	SHOULDER SCREW, 3/8" X 1-1/4" LG.
17	2	283528-01	LATCH SPRING
18	1	283527-02	MECHANICAL LATCH PLATE

# SLIDE RAIL FRAME ASSEMBLY (GPSTLR)

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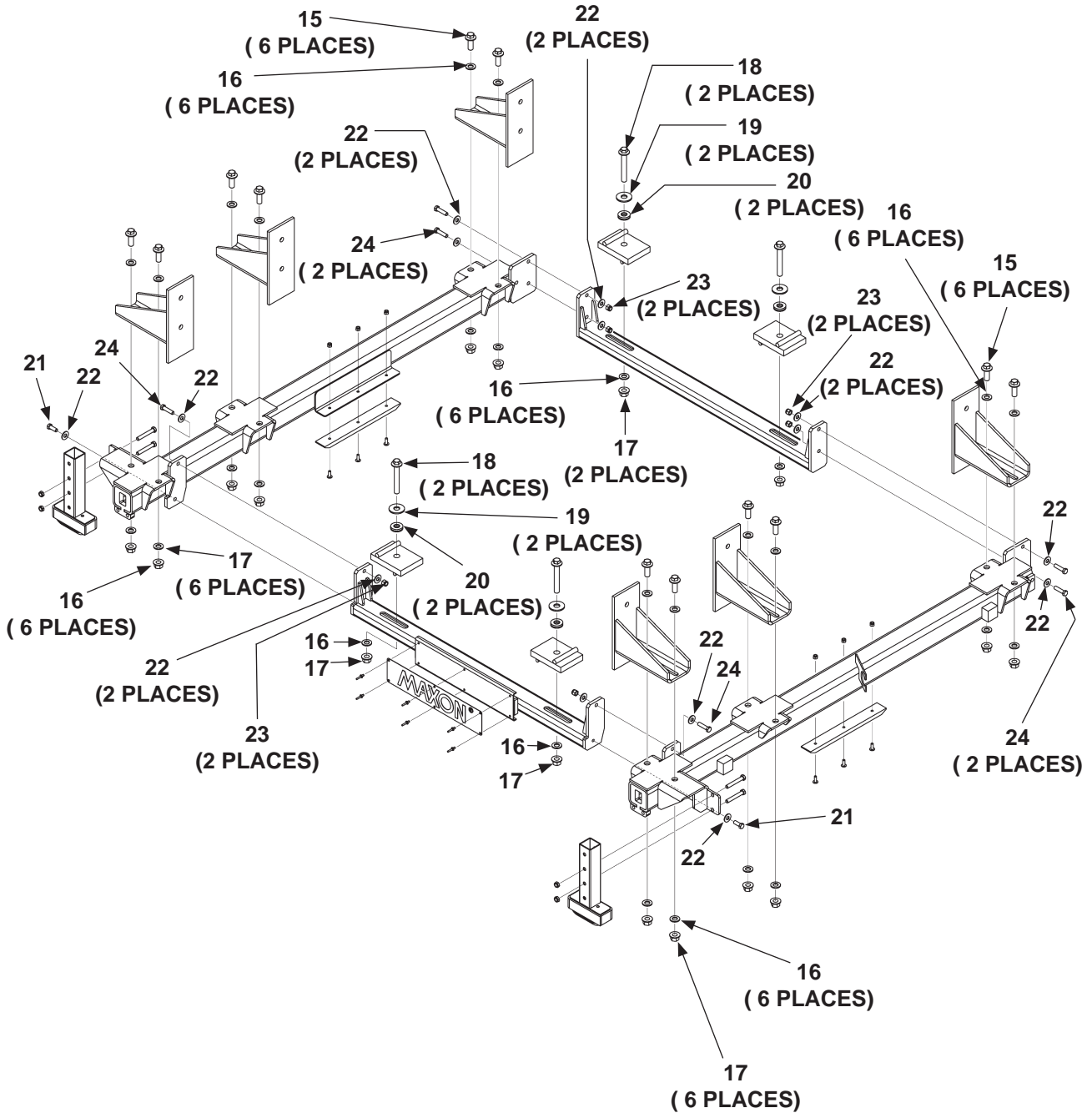


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	286626-03	SLIDER WELDMENT ASSEMBLY, LH
2	1	286626-04	SLIDER WELDMENT ASSEMBLY, RH
3	1	288839-01	REAR WELDMENT FIXTURE
4	1	288840-01	FRONT WELDMENT FIXTURE
5	6	286624-01	TRUCK MOUNTING BRACKET WELDMENT
6	4	268584-01	FRAME CLIP BRACKET WELDMENT
7	2	268508-02	PARK STOP ASSEMBLY, WITH BUFFER
8	2	268492-01	CHAIN GUARD BAR
9	1	050175	MAXON PLATE
10	6	207644-01	POP RIVET, 3/16" X .45" DOME
11	6	900725-03	FLANGE SCREW, 1/2"-20 X 3/4" LG.
12	6	901000	LOCK NUT, 1/4"-20
13	4	900014-10	CAP SCREW, 3/8"-16 X 2-1/2", GRADE 8
14	4	901016-4	LOCKING HEX NUT, THIN HEAD, 3/8"-16

# SLIDE RAIL FRAME ASSEMBLY (GPSTLR) - Continued

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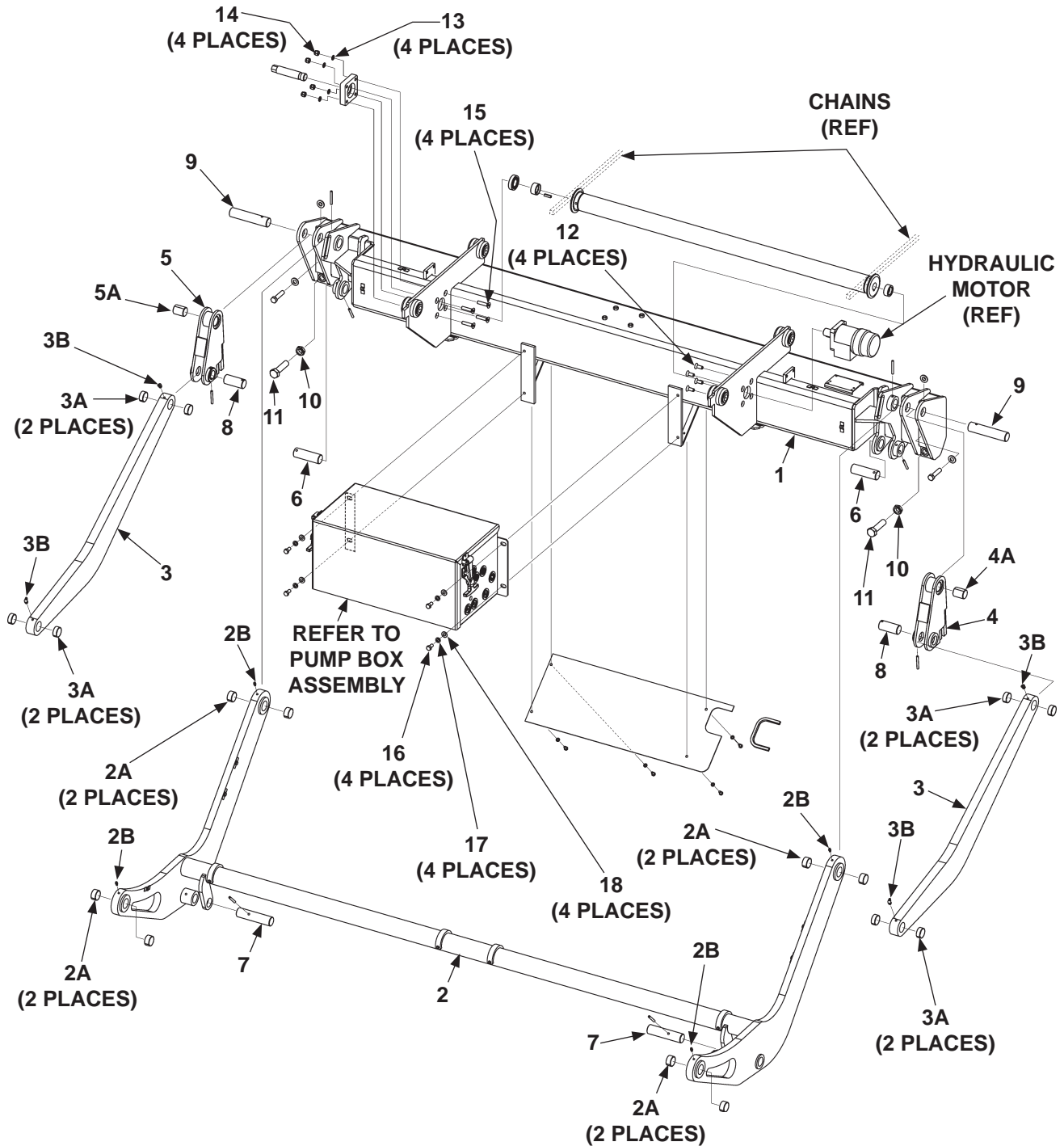
ITEM	QTY.	PART NO.	DESCRIPTION
15	12	901613-02	HEX FLANGE BOLT, M14 X 40
16	24	903425-13	FLAT WASHER, M14
	28		FLAT WASHER, M14 (LIFTGATE INSTALLATION ITEM)
17	12	903124-05	HEX FLANGE LOCK NUT, M14
	16		HEX FLANGE LOCK NUT, M14 (LIFTGATE INSTALLATION ITEM)
18	4	901613-09	HEX FLANGE BOLT, M14 X 100
19	4	903442-07	FLAT WASHER, 5/8", GRADE 8
20	4	903441-05	SELF-ALIGNING WASHER, 5/8"
21	2	900014-4	HEX CAP SCREW, 3/8"-16 X 1", GRADE 8
22	14	903442-03	FLAT WASHER, 3/8", GRADE 8
23	8	901002	NYLON NUT, 3/8 -16
24	6	90014-6	HEX CAP SCREW, 3/8"-16 X 1-1/2", GRADE 8

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# SLIDE ASSEMBLY WITH SMART STOW, NO OPENER (GPSLR)

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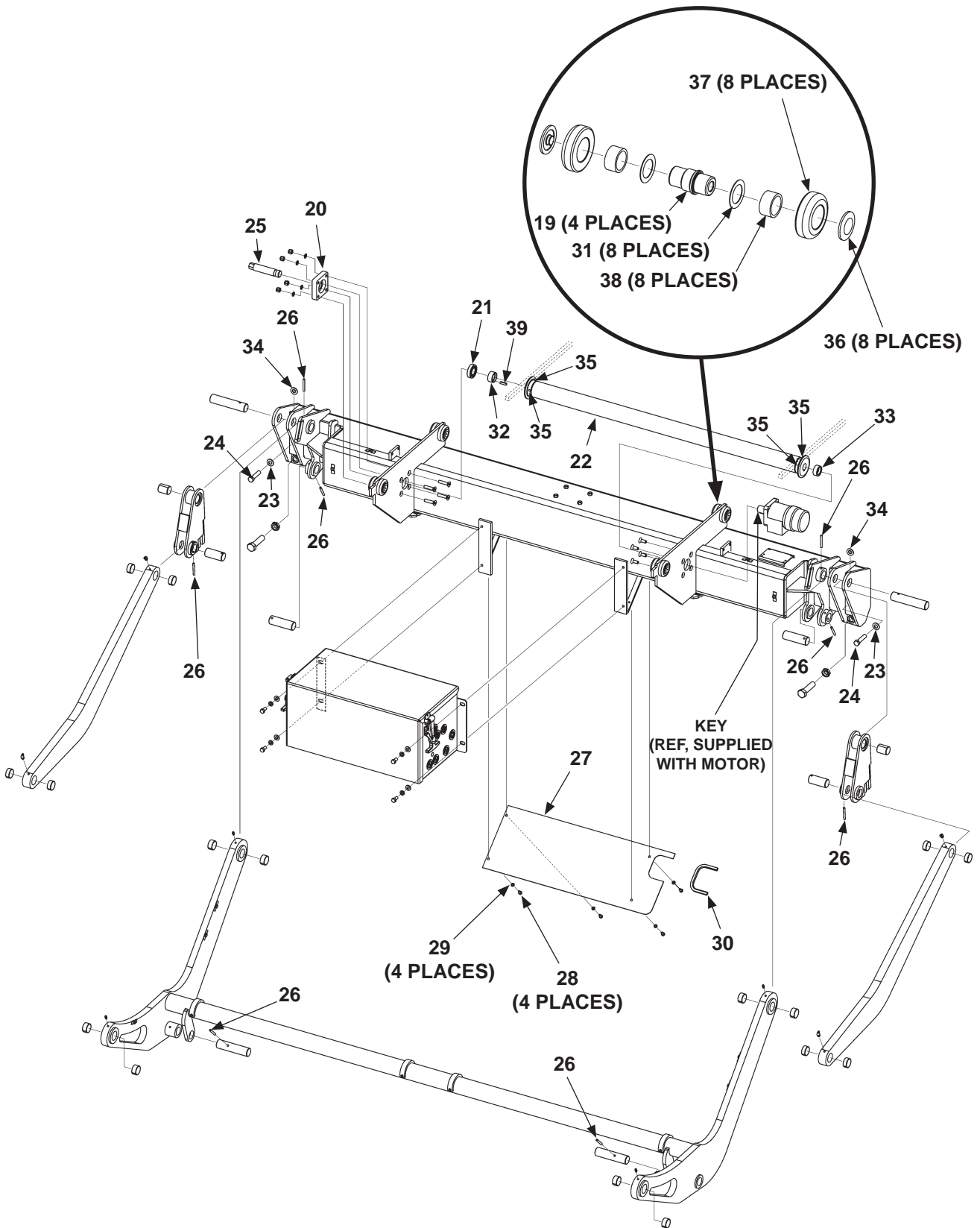


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	RSM0007	BEAM ASSEMBLY
2	1	RSM0005	LIFT ARM ASSEMBLY
2A	8	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
2B	4	NPI6	GREASE NIPPLE, KNOCK IN
3	2	RSM0006	TILT ARM ASSEMBLY
3A	8	908046-03	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/4" LG.
3B	4	906796-01	LUBE FITTING, 45°
4	1	RSM0060-01	SWING BRACKET, RH
4A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
5	1	RSM0060-02	SWING BRACKET, LH
5A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
6	2	RSM0054	LIFT ARM PIN, 3-15/32" LG.
7	2	RSM0057	LIFT RAM PIN, 5-1/8" LG.
8	2	RSM0055	LIFT ARM PIN, 2-13/16" LG.
9	2	RSM0053	LIFT ARM PIN, 5-3/4" LG.
10	2	251288	THIN LOCK NUT, 3/4"-10
11	2	900032-4	HEX SCREW, 3/4"-10 X 3" LG.
12	4	900040-4	SOCKET SCREW, 3/8"-16 X 1" LG.
13	4	902000-9	FLAT WASHER, 3/8"
14	4	901002	LOCK NUT, 3/8"-16
15	4	900040-7	SOCKET SCREW, 3/8"-16 X 1-3/4" LG.
16	4	900014-3	CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
17	4	902011-4	LOCK WASHER, 3/8"
18	4	903443-08	FLAT WASHER, 3/8"

# SLIDE ASSEMBLY WITH SMART STOW, NO OPENER (GPSLR) - Continued

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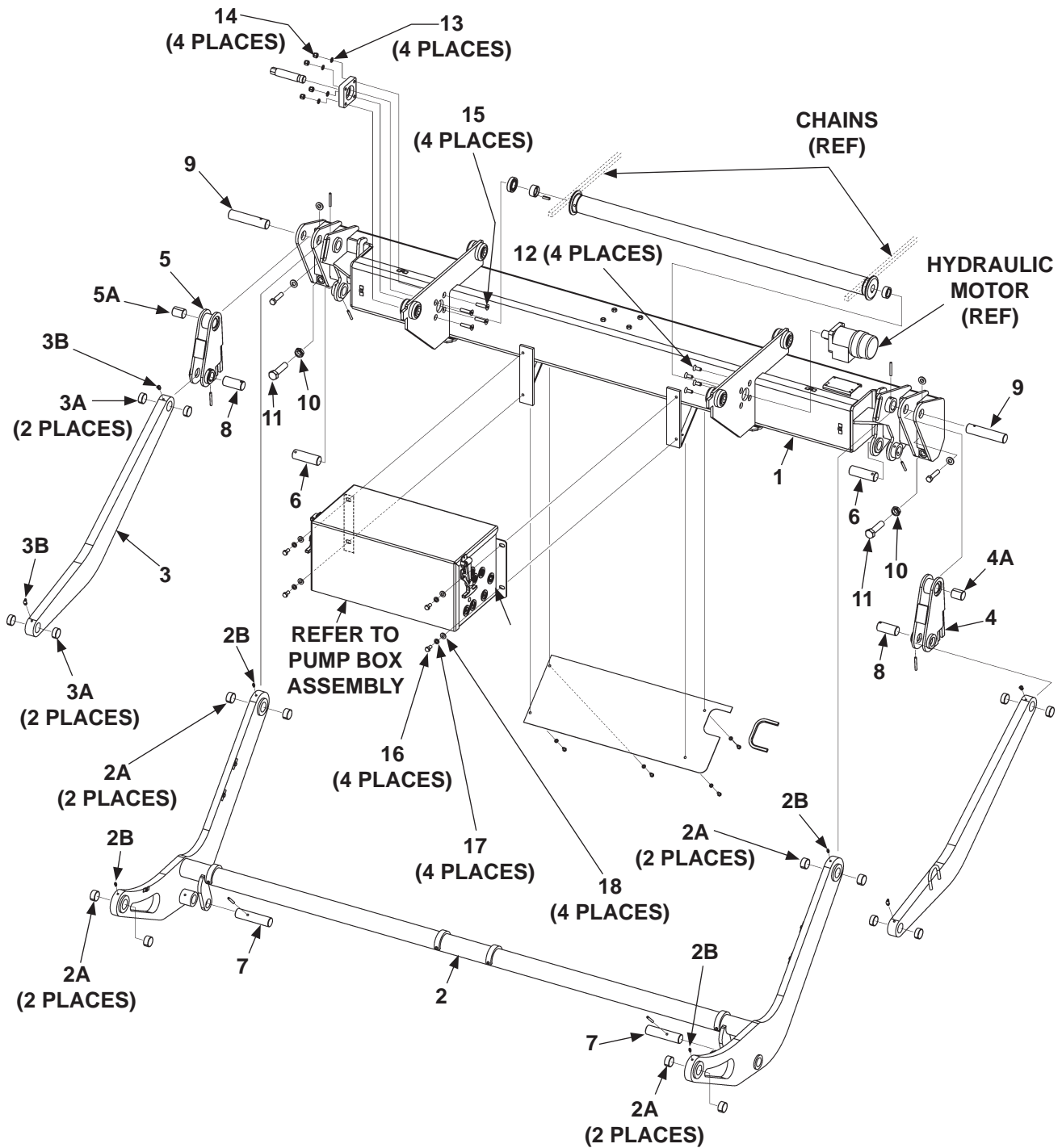


ITEM	QTY.	PART NO.	DESCRIPTION
19	4	289236-01	SHAFT
20	1	RSM0107	BEARING HOUSING
21	1	268265-01	ROLLER BEARING
22	1	RSM0059	SPROCKET ASSEMBLY
23	2	902013-13	FLAT WASHER, 1/2"
24	2	900035-6	CAP SCREW, 1/2"-13 UNC-2A X 2-1/4"
25	1	268294-01	MANUAL DRIVE SHAFT
26	8	905033-5	ROLL PIN, 1/4" X 2" LG.
27	1	268521-01	KICK PANEL PLATE
28	4	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG.
29	4	902011-2	LOCK WASHER, 1/4"
30	1	093209-10	EDGE TRIM
31	8	903460-01	SHIM WASHER, 1" I.D. X 1-1/2" O.D.
32	1	268561-02	SPROCKET ALIGN BUSHING, LH
33	1	268561-01	SPROCKET ALIGN BUSHING, RH
34	2	908022-06	PLUG
35	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.
36	8	289251-01	ROLLER INSERT
37	8	289238-01	BEARING ROLLER CASE
38	8	289237-01	BUSHING, HIGH STRESS, 1/8"
39	1	285803-01	BLOCK

# SLIDE ASSEMBLY - NO CONTROLLER, NO OPENER (GPSLR)

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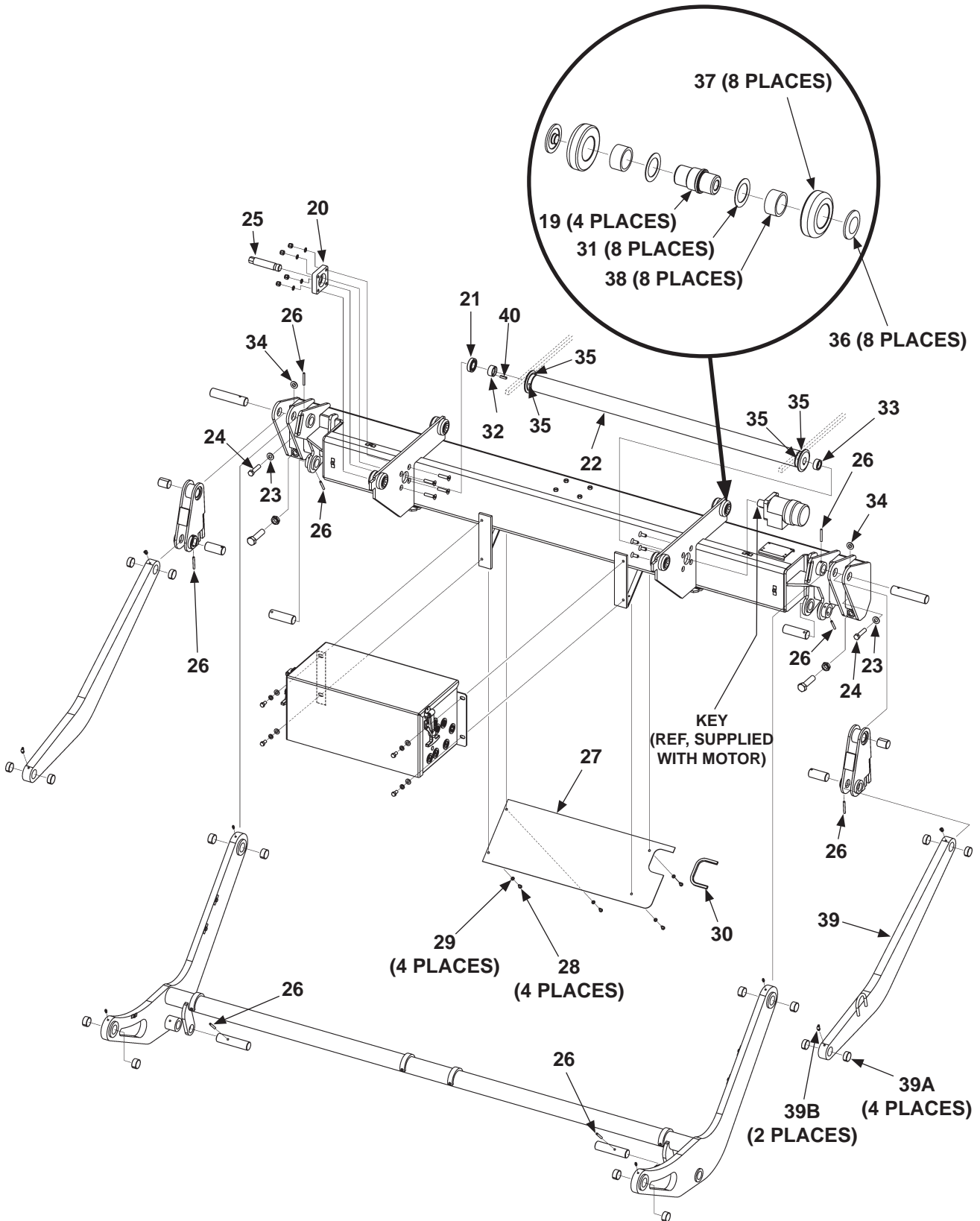


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	RSM0007	BEAM ASSEMBLY
2	1	RSM0005	LIFT ARM ASSEMBLY
2A	8	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
2B	4	NPI6	GREASE NIPPLE, KNOCK IN
3	1	RSM0006	TILT ARM ASSEMBLY
3A	4	908046-03	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/4" LG.
3B	2	906796-01	LUBE FITTING, 45°
4	1	RSM0060-01	SWING BRACKET, RH
4A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
5	1	RSM0060-02	SWING BRACKET, LH
5A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
6	2	RSM0054	LIFT ARM PIN, 3-15/32" LG.
7	2	RSM0057	LIFT RAM PIN, 5-1/8" LG.
8	2	RSM0055	LIFT ARM PIN, 2-13/16" LG.
9	2	RSM0053	LIFT ARM PIN, 5-3/4" LG.
10	2	251288	THIN LOCK NUT, 3/4"-10
11	2	900032-4	HEX SCREW, 3/4"-10 X 3" LG.
12	4	900040-4	SOCKET SCREW, 3/8"-16 X 1" LG.
13	4	902000-9	FLAT WASHER, 3/8"
14	4	901002	LOCK NUT, 3/8"-16
15	4	900040-7	SOCKET SCREW, 3/8"-16 X 1-3/4" LG.
16	4	900014-3	CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
17	4	902011-4	LOCK WASHER, 3/8"
18	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.

**SLIDE ASSEMBLY - NO CONTROLLER, NO OPENER (GPSLR)**  
**- Continued**

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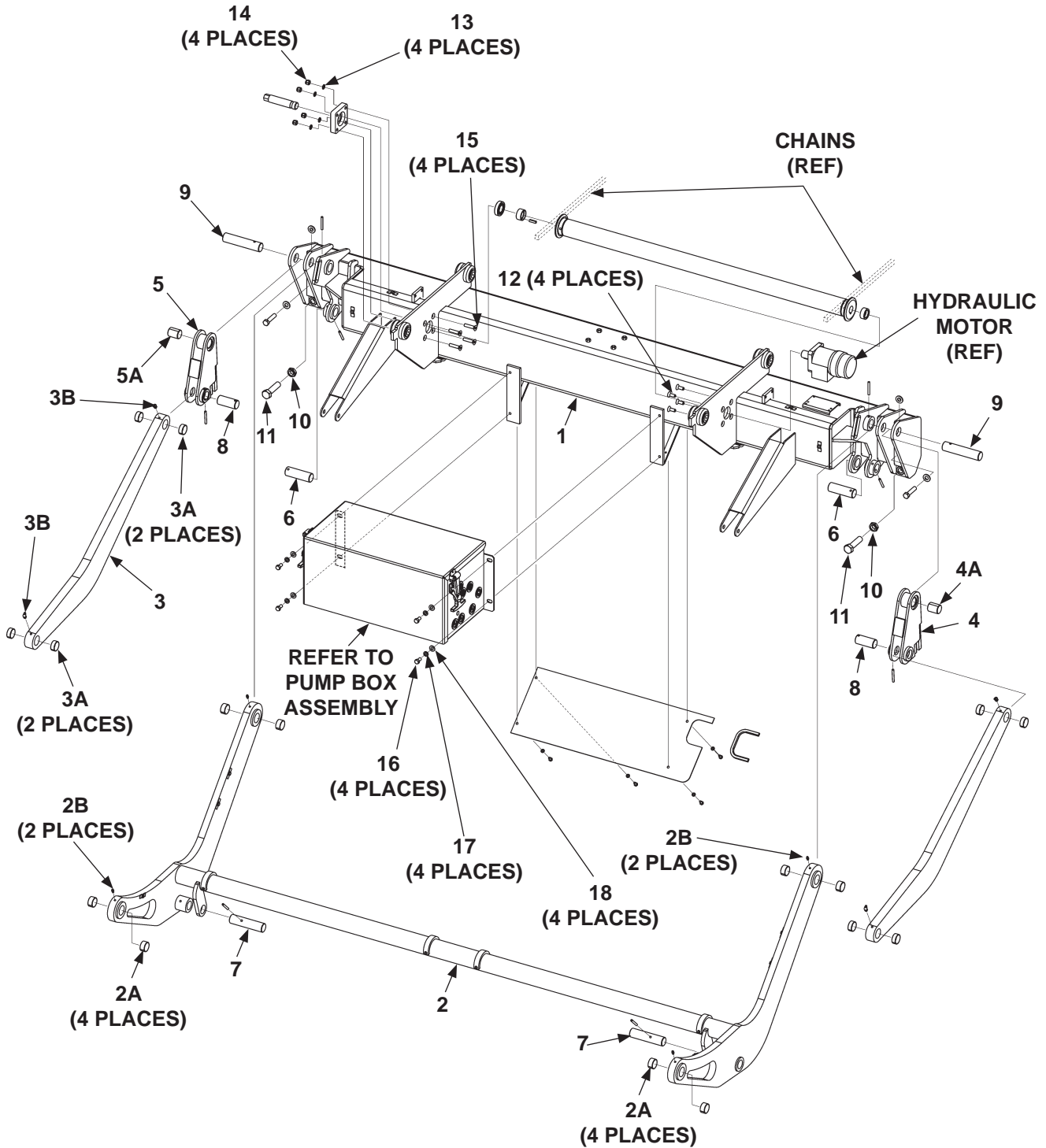


ITEM	QTY.	PART NO.	DESCRIPTION
19	4	289236-01	SHAFT
20	1	RSM0107	BEARING HOUSING
21	1	268265-01	ROLLER BEARING
22	1	RSM0059	SPROCKET ASSEMBLY
23	2	902013-13	FLAT WASHER, 1/2"
24	2	900035-6	CAP SCREW, 1/2"-13 UNC-2A X 2-1/4"
25	1	268294-01	MANUAL DRIVE SHAFT
26	8	905033-5	ROLL PIN, 1/4" X 2" LG.
27	1	268521-01	KICK PANEL PLATE
28	4	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG.
29	4	902011-2	LOCK WASHER, 1/4"
30	1	093209-10	EDGE TRIM
31	8	903460-01	SHIM WASHER, 1" I.D. X 1-1/2" O.D.
32	1	268561-02	SPROCKET ALIGN BUSHING, LH
33	1	268561-01	SPROCKET ALIGN BUSHING, RH
34	2	908022-06	PLUG
35	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.
36	8	289251-01	ROLLER INSERT
37	8	289238-01	BEARING ROLLER CASE
38	8	289237-01	BUSHING, HIGH STRESS, 1/8"
39	1	287137-01	TILT ARM ASSEMBLY WITH HOOK
39A	4	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
39B	2	906796-01	LUBE FITTING, 45°
40	1	285803-01	BLOCK

# SLIDE ASSEMBLY - NO CONTROLLER, WITH OPENER (GPSLR)

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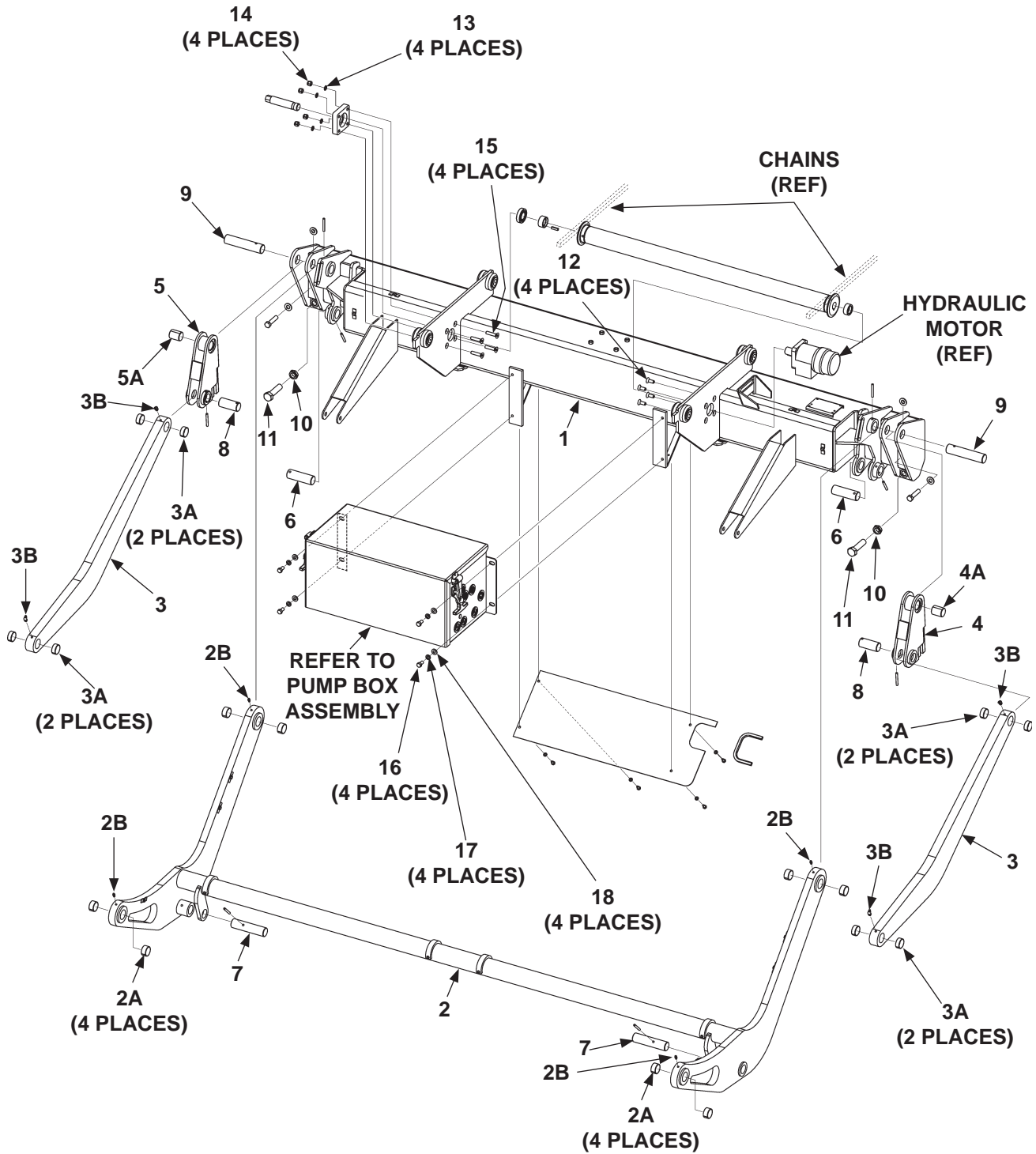
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	285537-01	BEAM WELDMENT ASSEMBLY WITH OPENER
		285537-01G	BEAM WELDMENT ASSEMBLY WITH OPENER, GALVANIZED
2	1	RSM0005	LIFT ARM ASSEMBLY
		RSM0005G	LIFT ARM ASSEMBLY, GALVANIZED
2A	8	908046-07	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 11/16"
2B	4	NPI6	GREASE NIPPLE, KNOCK IN
3	1	RSM0006	TILT ARM
3A	4	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
3B	2	906796-01	LUBE FITTING, 45°
4	1	RSM0060-01	SWING BRACKET, RH
		RSM0060-01G	SWING BRACKET, RH, GALVANIZED
4A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
5	1	RSM0060-02	SWING BRACKET, LH
		RSM0060-02G	SWING BRACKET, LH, GALVANIZED
5A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
6	2	RSM0054	LIFT ARM PIN, 3-15/32" LG.
7	2	RSM0057	LIFT RAM PIN, 5-1/8" LG.
8	2	RSM0055	LIFT ARM PIN, 2-13/16" LG.
9	2	RSM0053	LIFT ARM PIN, 5-3/4" LG.
10	2	251288	THIN LOCK NUT, 3/4"-10
11	2	900032-4	HEX SCREW, 3/4"-10 X 3" LG.
12	4	900040-4	SOCKET SCREW, 3/8"-16 X 1" LG.
13	4	902000-9	FLAT WASHER, 3/8"
14	4	901002	LOCK NUT, 3/8"-16
15	4	900040-7	SOCKET SCREW, 3/8"-16 X 1-3/4" LG.
16	4	900014-3	CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
17	4	902011-4	LOCK WASHER, 3/8"
18	4	903443-08	FLAT WASHER, 3/8"





ITEM	QTY.	PART NO.	DESCRIPTION
19	4	289236-01	SHAFT
20	1	RSM0107	BEARING HOUSING
21	1	268265-01	ROLLER BEARING
22	1	RSM0059	SPROCKET ASSEMBLY
		RSM0059G	SPROCKET ASSEMBLY, GALVANIZED
23	2	902013-13	FLAT WASHER, 1/2"
24	2	900035-6	CAP SCREW, 1/2"-13 X 2-1/4"
25	1	268294-01	MANUAL DRIVE SHAFT
26	8	905033-5	ROLL PIN, 1/4" X 2" LG.
27	1	268521-01	KICK PANEL PLATE
		268521-01G	KICK PANEL PLATE, GALVANIZED
28	4	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG.
29	4	902011-2	LOCK WASHER, 1/4"
30	1	093209-10	EDGE TRIM
31	8	903460-01	SHIM WASHER, 1" I.D. X 1-1/2" O.D.
32	1	268561-02	SPROCKET ALIGN BUSHING, LH
33	1	268561-01	SPROCKET ALIGN BUSHING, RH
34	2	908022-06	PLUG
35	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.
36	8	289251-01	ROLLER INSERT
37	8	289238-01	BEARING ROLLER CASE
38	8	289237-01	BUSHING, HIGH STRESS, 1/8"
39	1	285803-01	BLOCK
40	1	287137-01	TILT ARM ASSEMBLY, WITH HOOK
		287137-01G	TILT ARM ASSEMBLY, WITH HOOK, GALVANIZED
40A	4	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
40B	2	906796-01	LUBE FITTING, 45°

# SLIDE ASSEMBLY WITH SMART STOW (GPSTLR)



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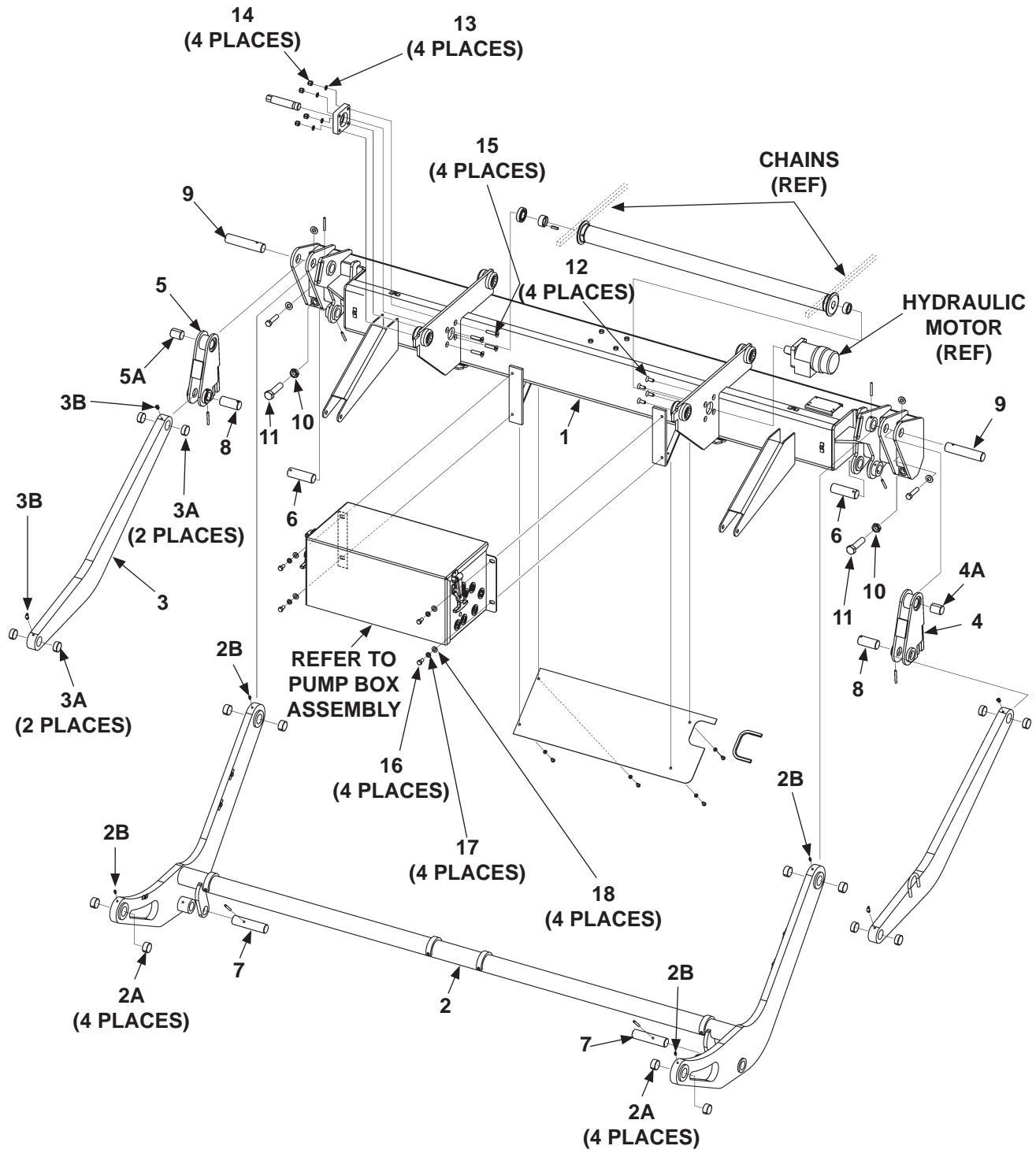
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	286628-01	BEAM WELDMENT ASSEMBLY
2	1	RSM0005	LIFT ARM ASSEMBLY
2A	8	908046-07	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 11/16"
2B	4	NPI6	GREASE NIPPLE, KNOCK IN
3	2	RSM0006	TILT ARM
3A	8	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
3B	4	906796-01	GREASE FITTING, 45°
4	1	RSM0060-01	SWING BRACKET, RH
4A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
5	1	RSM0060-02	SWING BRACKET, LH
5A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
6	2	RSM0054	LIFT ARM PIN, 3-15/32" LG.
7	2	RSM0057	LIFT RAM PIN, 5-1/8" LG.
8	2	RSM0055	LIFT ARM PIN, 2-13/16" LG.
9	2	RSM0053	LIFT ARM PIN, 5-3/4" LG.
10	2	251288	THIN LOCK NUT, 3/4"-10
11	2	900032-4	HEX SCREW, 3/4"-10 X 3" LG.
12	4	900040-4	SOCKET SCREW, 3/8"-16 X 1" LG.
13	4	902000-9	FLAT WASHER, 3/8"
14	4	901002	LOCK NUT, 3/8"-16
15	4	900040-7	SOCKET SCREW, 3/8"-16 X 1-3/4" LG.
16	4	900014-3	CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
17	4	902011-4	LOCK WASHER, 3/8"
18	4	903443-08	FLAT WASHER, 3/8"



ITEM	QTY.	PART NO.	DESCRIPTION
19	4	289236-01	SHAFT
20	1	RSM0107	BEARING HOUSING
21	1	268265-01	ROLLER BEARING
22	1	RSM0059	SPROCKET ASSEMBLY
23	2	902013-13	FLAT WASHER, 1/2"
24	2	900035-6	CAP SCREW, 1/2"-13 X 2-1/4"
25	1	268294-01	MANUAL DRIVE SHAFT
26	8	905033-5	ROLL PIN, 1/4" X 2" LG.
27	1	268521-01	KICK PANEL PLATE
28	4	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG.
29	4	902011-2	LOCK WASHER, 1/4"
30	1	093209-10	EDGE TRIM
31	8	903460-01	SHIM WASHER, 1" I.D. X 1-1/2" O.D.
32	1	268561-02	SPROCKET ALIGN BUSHING, LH
33	1	268561-01	SPROCKET ALIGN BUSHING, RH
34	2	908022-06	PLUG
35	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.
36	8	289251-01	ROLLER INSERT
37	8	289238-01	BEARING ROLLER CASE
38	8	289237-01	BUSHING, HIGH STRESS, 1/8"
39	1	285803-01	BLOCK

# SLIDE ASSEMBLY - NO CONTROLLER (GPSTLR)

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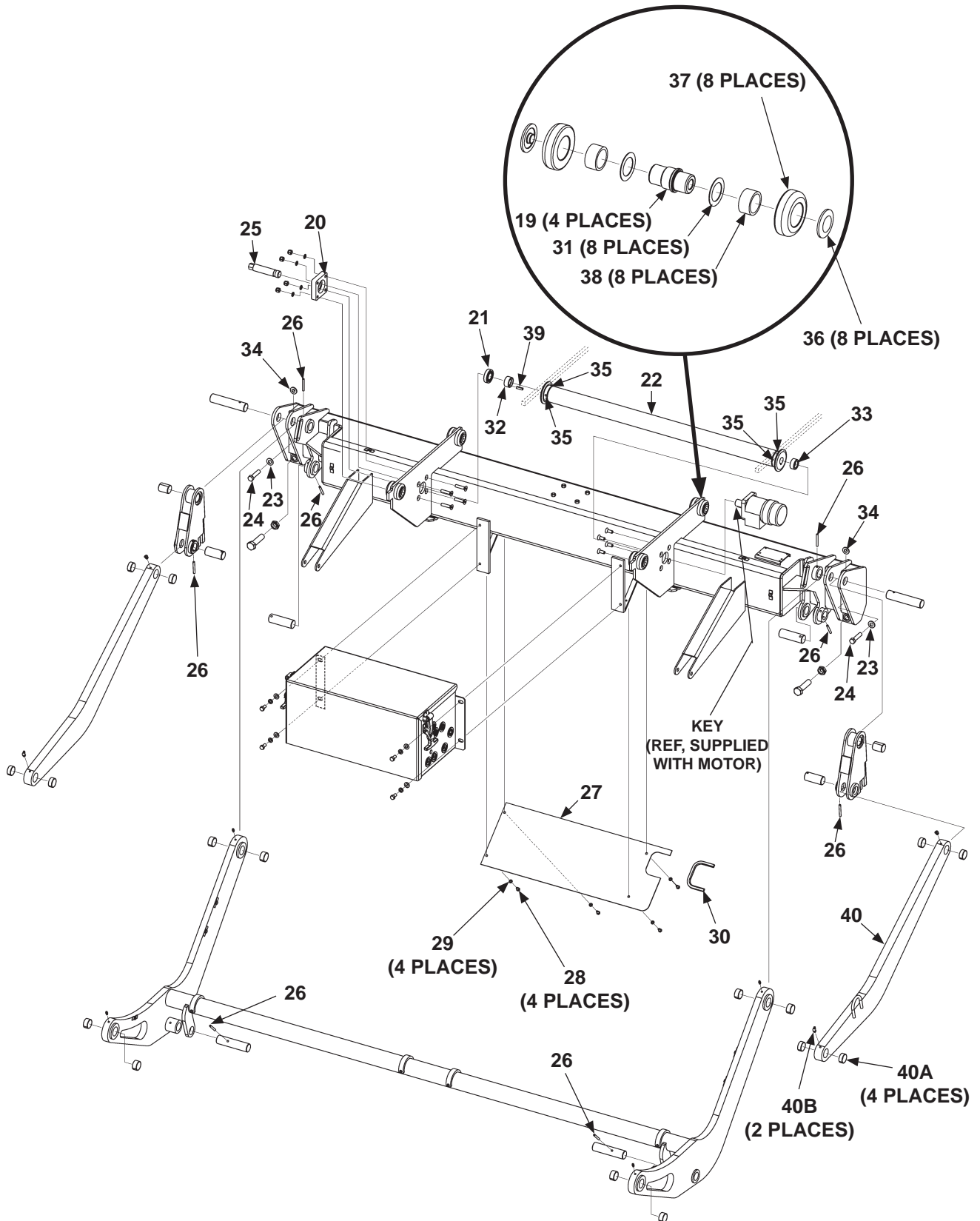
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	286627-03	BEAM WELDMENT ASSEMBLY
2	1	RSM0005	LIFT ARM ASSEMBLY
2A	8	908046-07	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 11/16"
2B	4	NPI6	GREASE NIPPLE, KNOCK IN
3	1	RSM0006	TILT ARM
3A	4	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
3B	2	906796-01	GREASE FITTING, 45°
4	1	RSM0060-01	SWING BRACKET, RH
4A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
5	1	RSM0060-02	SWING BRACKET, LH
5A	1	908046-04	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG.
6	2	RSM0054	LIFT ARM PIN, 3-15/32" LG.
7	2	RSM0057	LIFT RAM PIN, 5-1/8" LG.
8	2	RSM0055	LIFT ARM PIN, 2-13/16" LG.
9	2	RSM0053	LIFT ARM PIN, 5-3/4" LG.
10	2	251288	THIN LOCK NUT, 3/4"-10
11	2	900032-4	HEX SCREW, 3/4"-10 X 3" LG.
12	4	900040-4	SOCKET SCREW, 3/8"-16 X 1" LG.
13	4	902000-9	FLAT WASHER, 3/8"
14	4	901002	LOCK NUT, 3/8"-16
15	4	900040-7	SOCKET SCREW, 3/8"-16 X 1-3/4" LG.
16	4	900014-3	CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
17	4	902011-4	LOCK WASHER, 3/8"
18	4	903443-08	FLAT WASHER, 3/8"

# SLIDE ASSEMBLY - NO CONTROLLER (GPSTLR)

## - Continued

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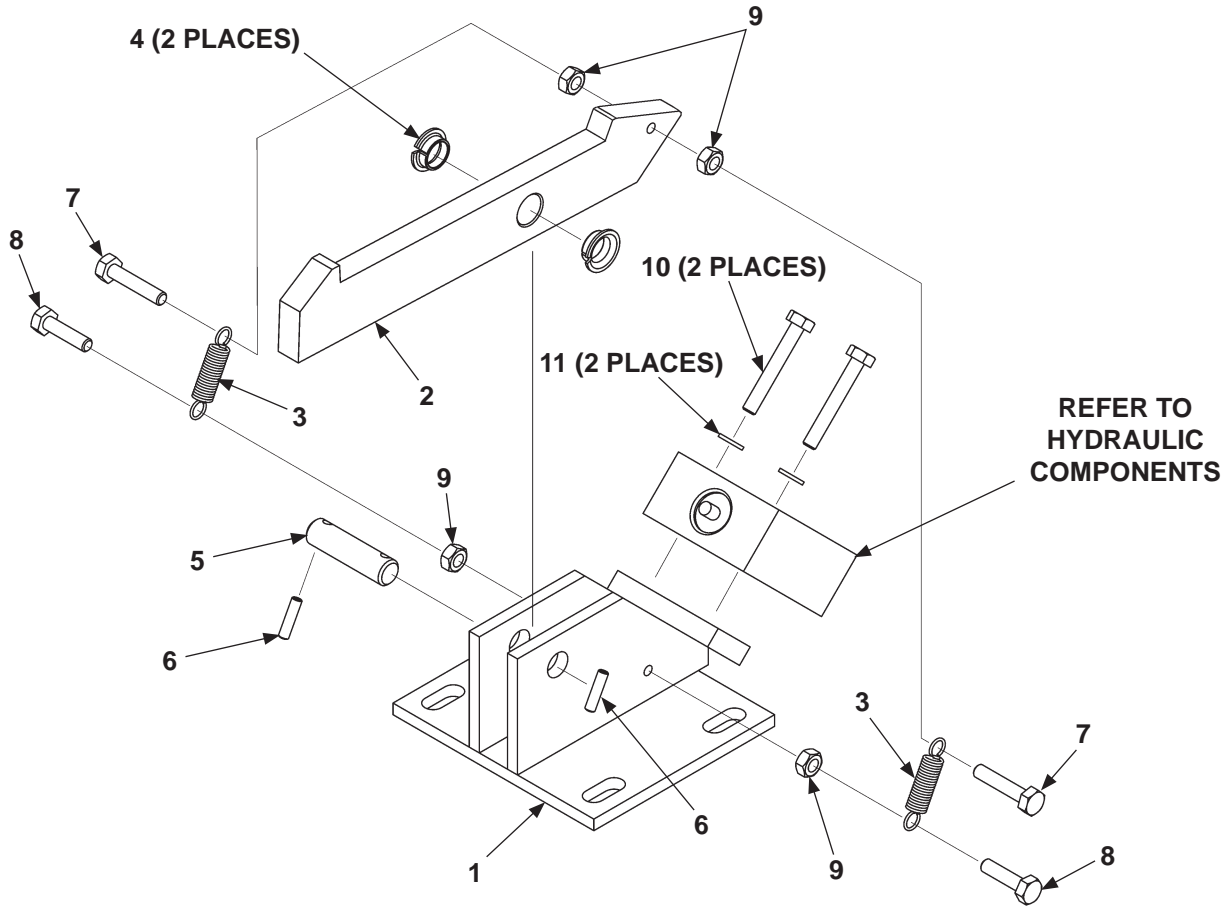
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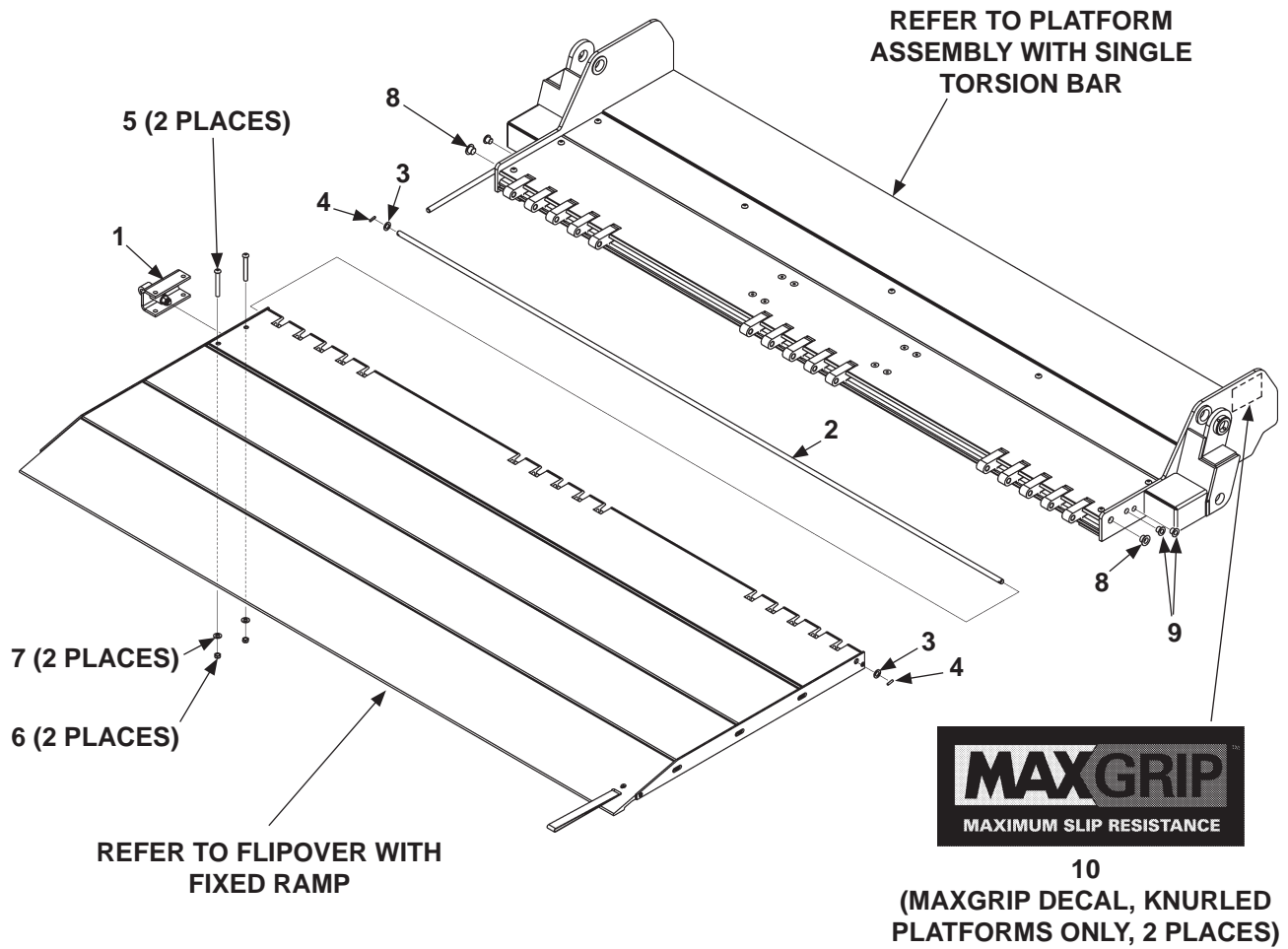
ITEM	QTY.	PART NO.	DESCRIPTION
19	4	289236-01	SHAFT
20	1	RSM0107	BEARING HOUSING
21	1	268265-01	ROLLER BEARING
22	1	RSM0059	SPROCKET ASSEMBLY
23	2	902013-13	FLAT WASHER, 1/2"
24	2	900035-6	CAP SCREW, 1/2"-13 X 2-1/4"
25	1	268294-01	MANUAL DRIVE SHAFT
26	8	905033-5	ROLL PIN, 1/4" X 2" LG.
27	1	268521-01	KICK PANEL PLATE
28	4	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG.
29	4	902011-2	LOCK WASHER, 1/4"
30	1	093209-10	EDGE TRIM
31	8	903460-01	SHIM WASHER, 1" I.D. X 1-1/2" O.D.
32	1	268561-02	SPROCKET ALIGN BUSHING, LH
33	1	268561-01	SPROCKET ALIGN BUSHING, RH
34	2	908022-06	PLUG
35	4	903006-2	HEX SET SCREW, FLAT PT, 5/16"-18 X 1/4" LG.
36	8	289251-01	ROLLER INSERT
37	8	289238-01	BEARING ROLLER CASE
38	8	289237-01	BUSHING, HIGH STRESS, 1/8"
39	1	285803-01	BLOCK
40	1	287137-01	TILT ARM ASSEMBLY, WITH HOOK
40A	4	908046-06	SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16"
40B	2	906796-01	GREASE FITTING, 45°

### SLIDE LOCK ASSEMBLY



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268529-01	SLIDE LOCK ASSEMBLY
		268529-01G	SLIDE LOCK ASSEMBLY, GALVANIZED
1	1	268524-01	SLIDE LOCK BASE WELDMENT
		268524-01G	SLIDE LOCK BASE WELDMENT, GALVANIZED
2	1	268527-01	SLIDE LOCK LATCH BRACKET
		268527-01G	SLIDE LOCK LATCH BRACKET, GALVANIZED
3	2	268531-01	SLIDE LOCK SPRING
4	2	908062-05	SELF LUBE BEARING, 1/2" X 1/4"
5	1	268532-01	SLIDE LOCK PIN
6	2	905015-1	ROLL PIN, 3/16" X 3/4" LG.
7	2	900004-5	SOCKET SCREW, 1/4"-20 X 1-1/4" LG.
8	2	900004-3	CAP SCREW, 1/4"-20 X 1" LG.
9	4	901011-1	NUT, 1/4"-20, UNC-2B
10	2	900004-7	CAP SCREW, 1/4"-20 X 1-3/4" LG.
11	2	902011-2	LOCK WASHER, 1/4"

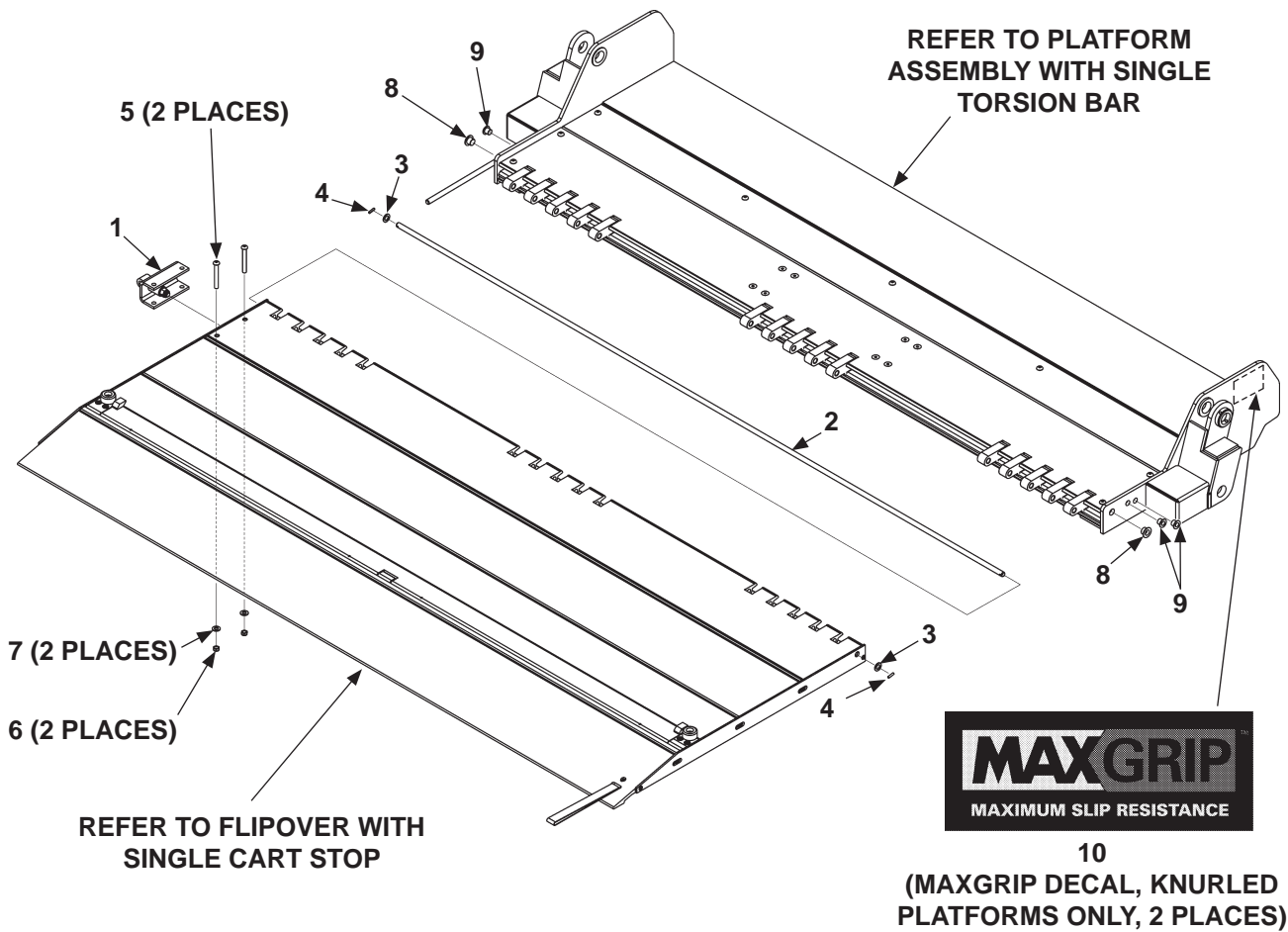
## PLATFORM & FLIPOVER ASSEMBLY (FIXED RAMP)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268505-09	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP
		268505-109	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP, KNURL (MAXGRIP)
1	1	268392-01	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4"
5	2	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	2	901016-4	THIN LOCK NUT, 3/8"-16
7	2	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	3	908022-05	FLEXIBLE PLUG
10	2	283293-01	MAXGRIP DECAL (KNURLED PLATFORMS, ONLY)

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## PLATFORM & FLIPOVER ASSEMBLY (SINGLE CART STOP)



REFER TO FLIPOVER WITH  
SINGLE CART STOP

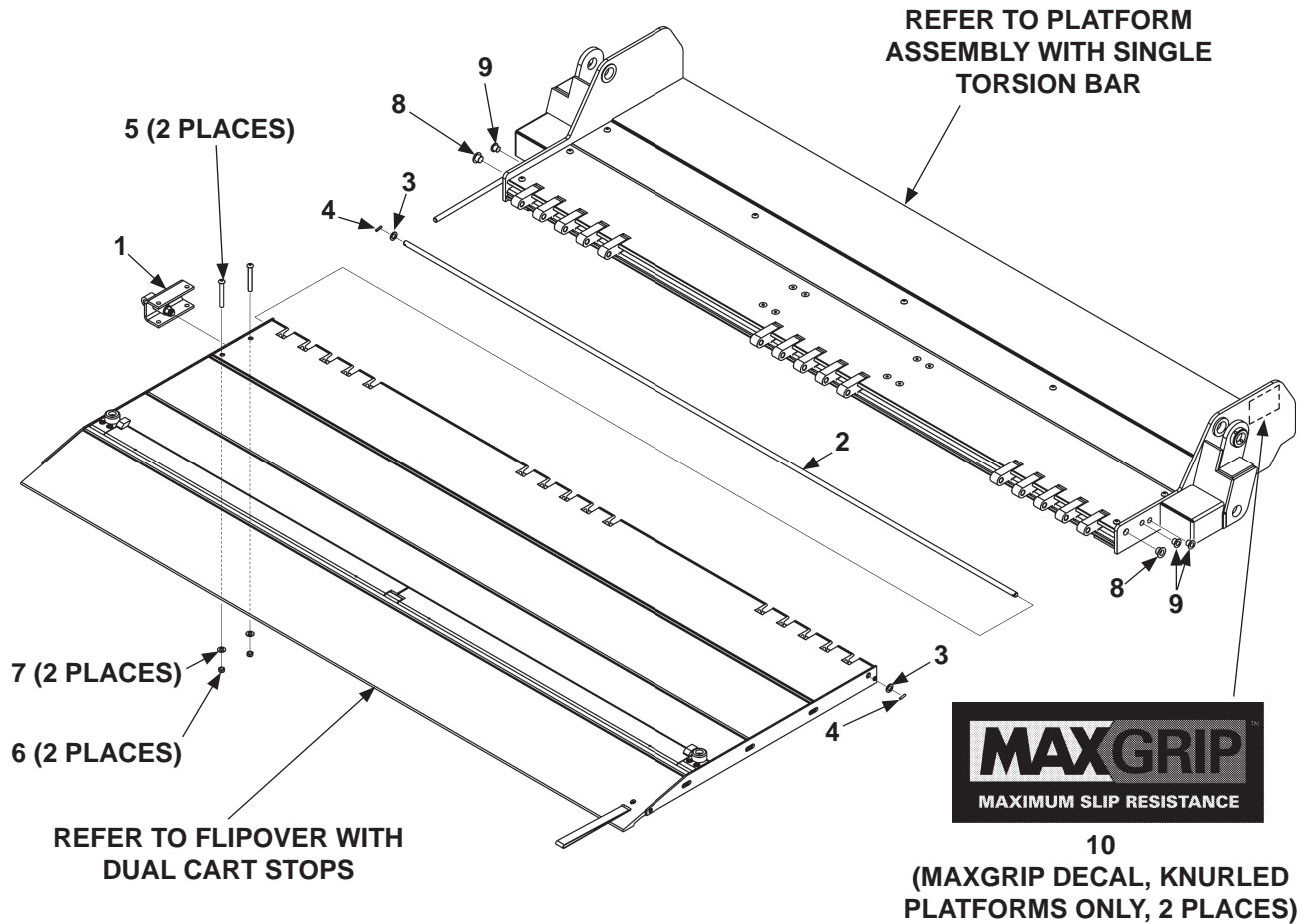
10  
(MAXGRIP DECAL, KNURLED  
PLATFORMS ONLY, 2 PLACES)

ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268505-10	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & SINGLE CART STOP
		268505-110	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & SINGLE CART STOP, KNURL (MAXGRIP)
1	1	268392-01	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4"
5	2	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	2	901016-4	THIN LOCK NUT, 3/8"-16
7	2	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	3	908022-05	FLEXIBLE PLUG
10	2	283293-01	MAXGRIP DECAL (KNURLED PLATFORMS, ONLY)

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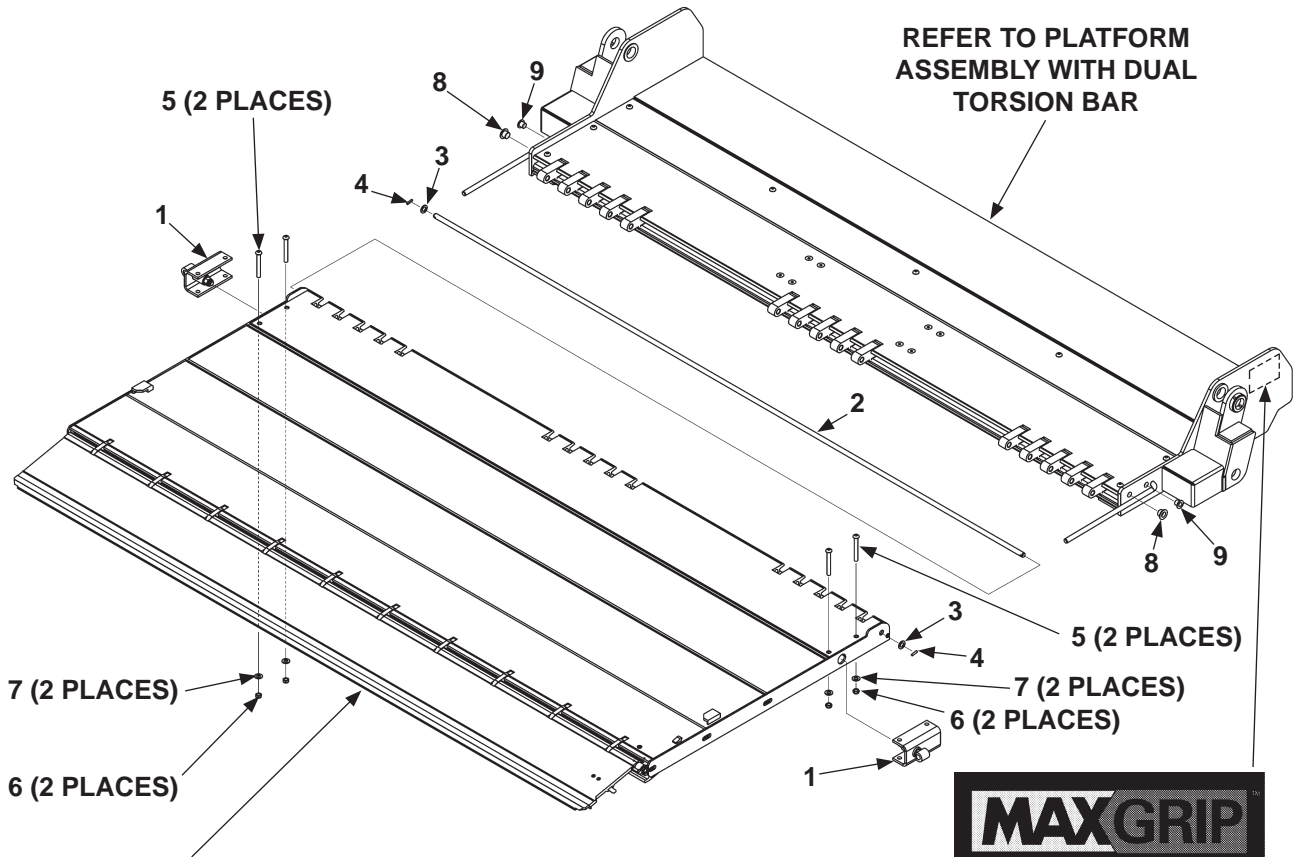
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## PLATFORM & FLIPOVER ASSEMBLY (DUAL CART STOP)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268505-11	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & DUAL CART STOPS
		268505-111	PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & DUAL CART STOPS, KNURL (MAXGRIP)
1	1	268392-01	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4"
5	2	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	2	901016-4	THIN LOCK NUT, 3/8"-16
7	2	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	3	908022-05	FLEXIBLE PLUG
10	2	283293-01	MAXGRIP DECAL (KNURLED PLATFORMS, ONLY)

**PLATFORM & FLIPOVER ASSEMBLY  
(SINGLE RETENTION RAMP)**



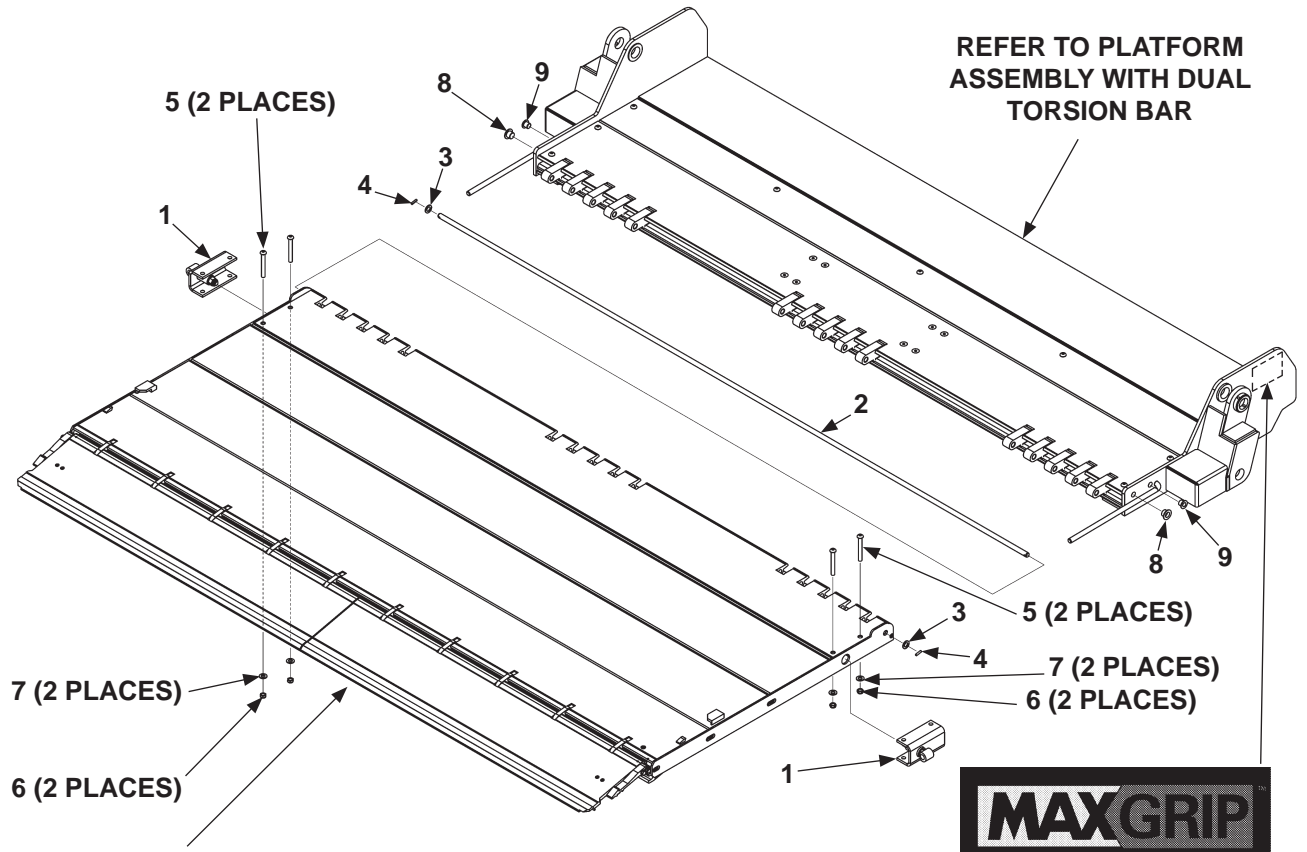
REFER TO FLIPOVER WITH  
SINGLE RETENTION RAMP



10  
(MAXGRIP DECAL, KNURLED  
PLATFORMS ONLY, 2 PLACES)

ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268505-08	PLATFORM (& FLIPOVER) ASSEMBLY, WITH SINGLE RETENTION RAMP
		268505-108	PLATFORM (& FLIPOVER) ASSEMBLY, WITH SINGLE RETENTION RAMP, KNURL (MAXGRIP)
1	2	268392-01	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4"
5	4	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	4	901016-4	THIN LOCK NUT, 3/8"-16
7	4	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	2	908022-05	FLEXIBLE PLUG
10	2	283293-01	MAXGRIP DECAL (KNURLED PLATFORMS, ONLY)

## PLATFORM & FLIPOVER ASSEMBLY (DUAL RETENTION RAMPS)



REFER TO PLATFORM ASSEMBLY WITH DUAL TORSION BAR

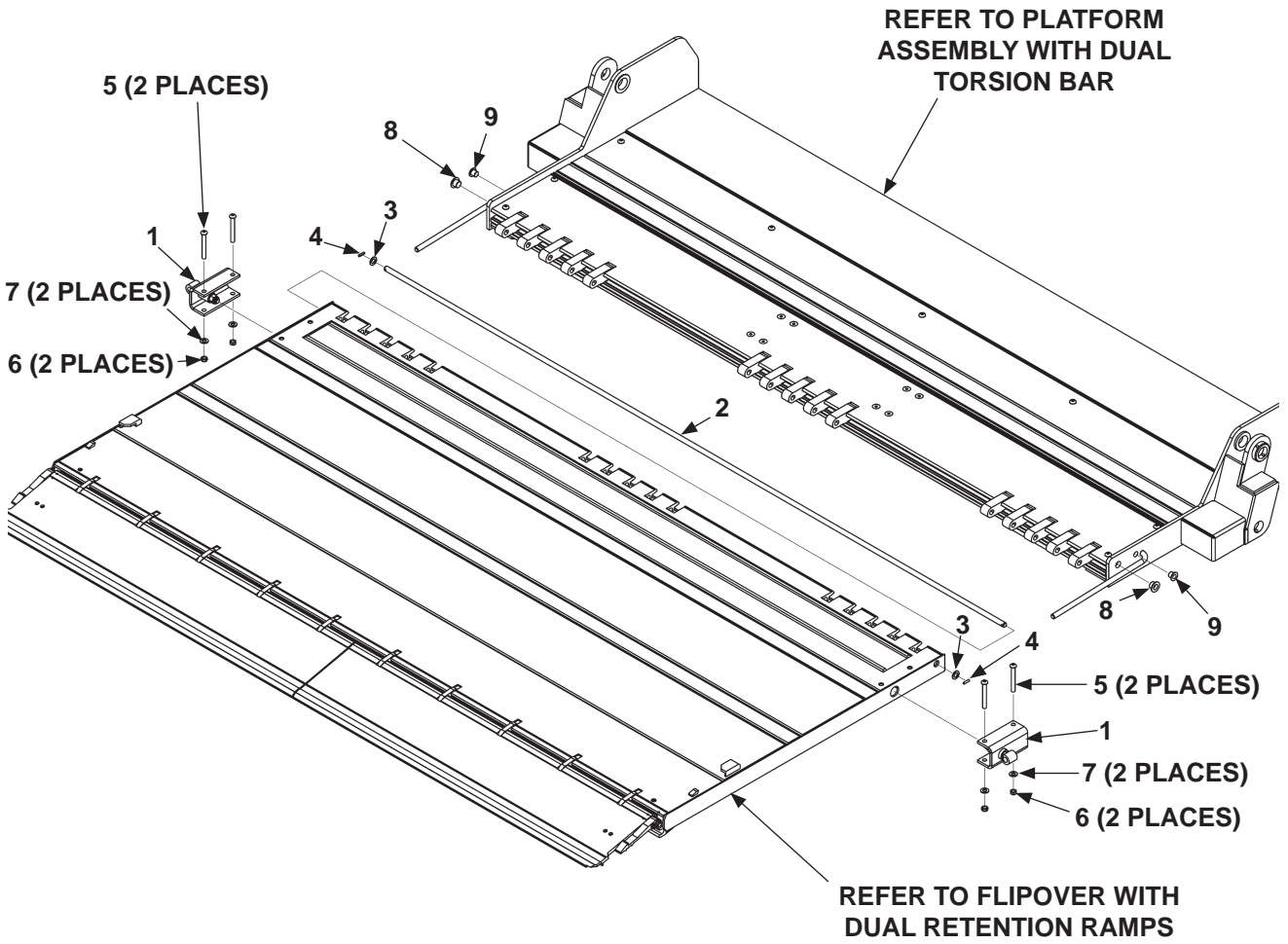
REFER TO FLIPOVER WITH DUAL RETENTION RAMPS

**10**  
(MAXGRIP DECAL, KNURLED PLATFORMS ONLY, 2 PLACES)

ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268505-07	PLATFORM (& FLIPOVER) ASSEMBLY, WITH DUAL RETENTION RAMP
		268505-107	PLATFORM (& FLIPOVER) ASSEMBLY, WITH DUAL RETENTION RAMP, KNURL (MAXGRIP)
1	2	268392-01	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4" LG.
5	4	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	4	901016-4	THIN LOCK NUT, 3/8"-16
7	4	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	2	908022-05	FLEXIBLE PLUG
10	2	283293-01	MAXGRIP DECAL (KNURLED PLATFORMS, ONLY)

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# PLATFORM & FLIPOVER ASSEMBLY (DUAL RETENTION RAMPS, 29" ALUMINUM HEEL)



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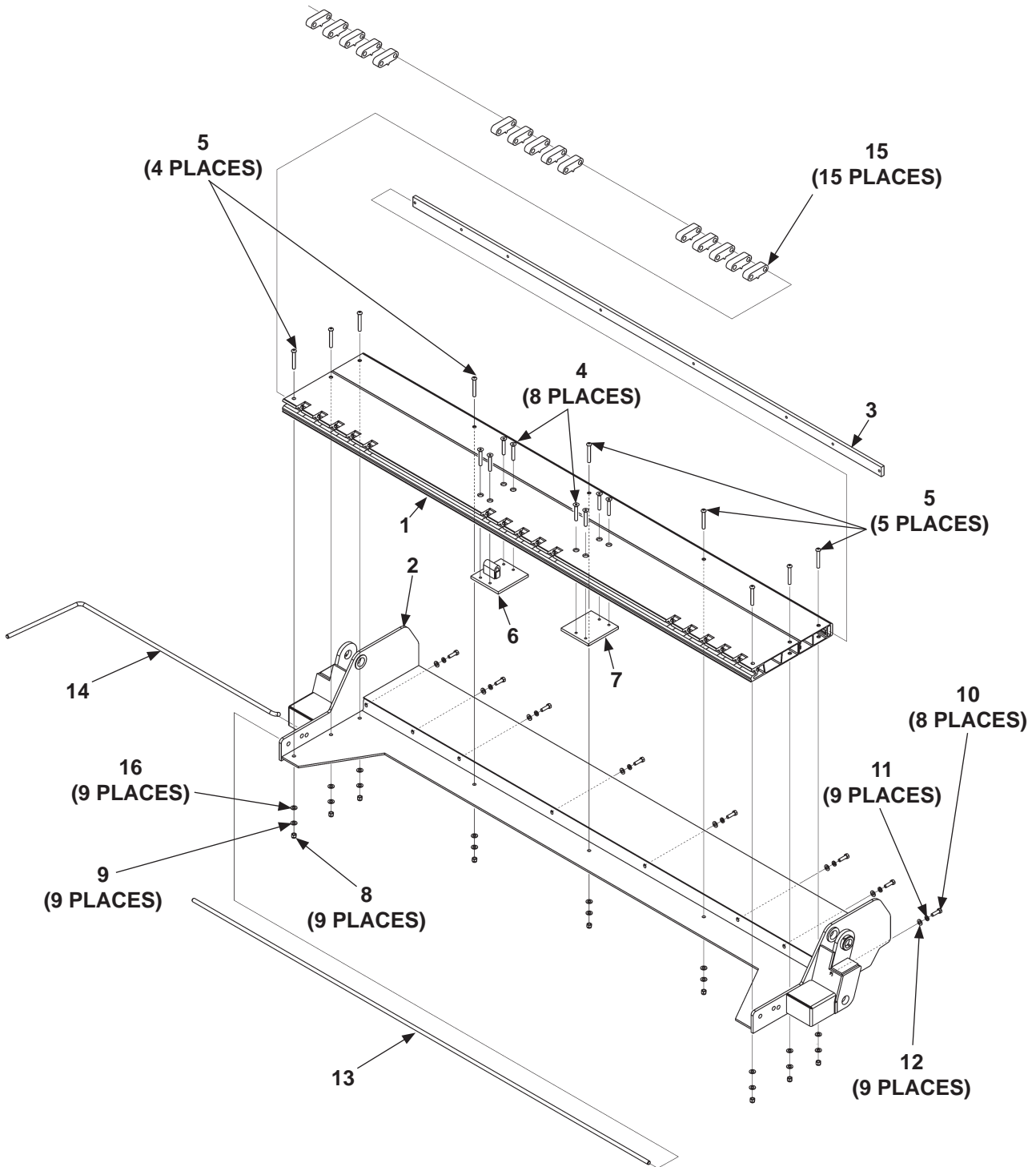
ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	287460-01	PLATFORM (& FLIPOVER) ASSEMBLY, WITH DUAL RETENTION RAMP
		287460-01G	PLATFORM (& FLIPOVER) ASSEMBLY, WITH DUAL RETENTION RAMP, GALVANIZED
1	2	268392-02	TORSION BAR BRACKET
2	1	263456-13	HINGE ROD, 1/2" X 86-3/8" LG.
3	2	902000-13	FLAT WASHER, 1/2"
4	2	905015-1	ROLL PIN, 3/16" X 3/4" LG.
5	4	900064-07	BUTTON HEAD SCREW, 3/8"-16 X 3" LG.
6	4	901016-4	THIN LOCK NUT, 3/8"-16
7	4	902013-11	FLAT WASHER, 3/8"
8	2	908022-06	FLEXIBLE PLUG
9	2	908022-05	FLEXIBLE PLUG

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# PLATFORM ASSEMBLY WITH SINGLE TORSION BAR

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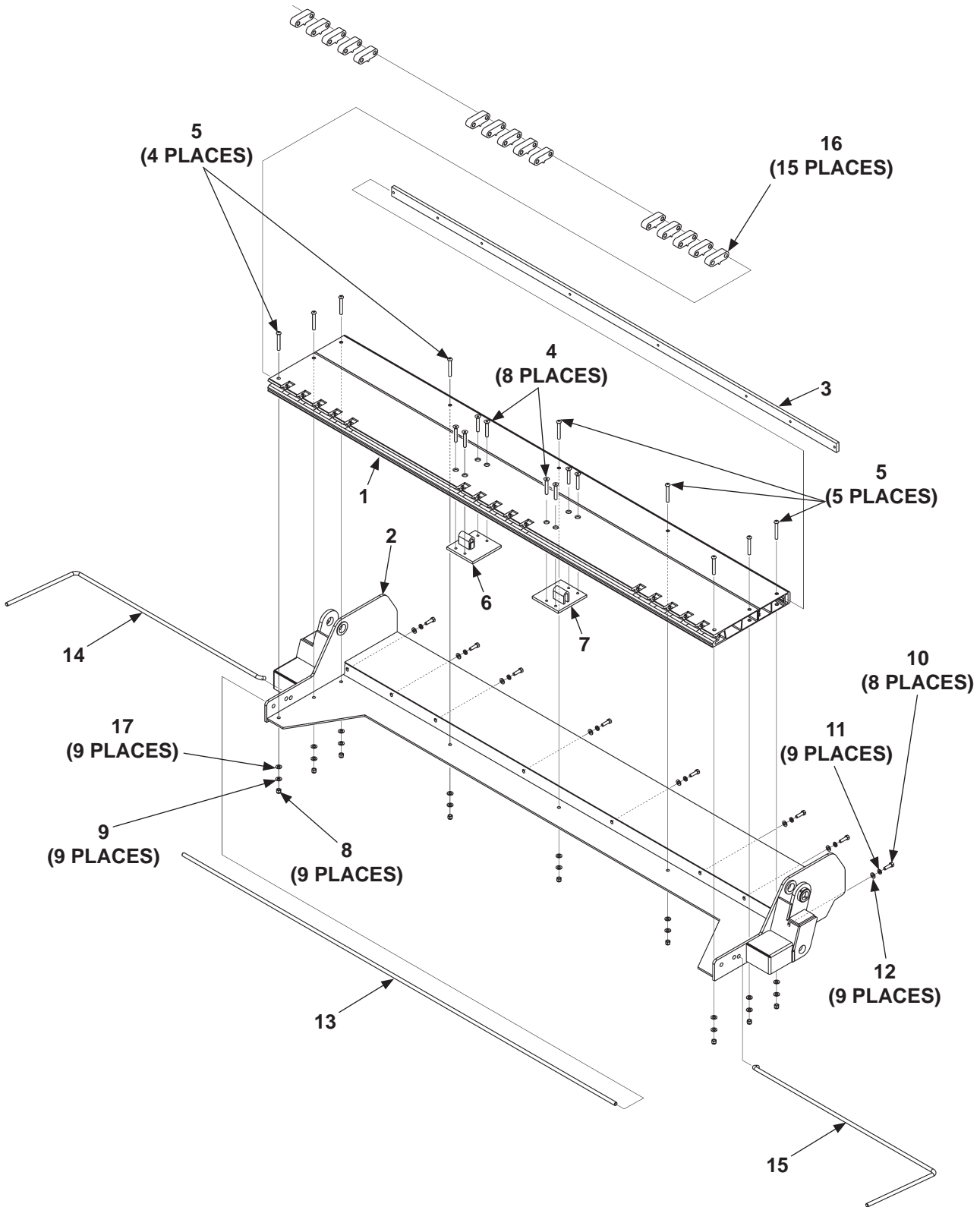


ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268575-03	PLATFORM ASSEMBLY
1	1	268566-01	PLANK WELDMENT, 25" HEEL
2	1	268570-01	PLATFORM WELDMENT, 25" HEEL
3	1	268572-01	TAPPING STRIP FLAT
4	8	900040-10	SOCKET SCREW, 3/8"-16 X 2-1/2" LG.
5	9	900064-11	BUTTON HEAD SCREW, 3/8"-16 X 2-1/2" LG.
6	1	268560-01	TORSION BAR HOLDER, LH
7	1	268559-01	FLAT, 3/8" X 5" X 5-1/2" LG.
8	9	285356-01	LOCK NUT, 3/8"-16, THIN HEAD
9	9	902000-9	FLAT WASHER, 3/8" X 1/32" THICK.
10	8	900761-02	CAP SCREW, 5/8"-18 X 1-1/2" LG.
11	8	902011-8	LOCK WASHER, 5/8" X 3/16" THK
12	8	902013-15	FLAT WASHER, 5/8"
13	1	268578-01	HINGE ROD, 1/2" X 83-1/2" LG.
14	1	268394-01	TORSION BAR, LH
15	15	283354-10	HINGE, SPACER
16	9	903435-06	WASHER, NORD-LOCK, 3/8" (M10)

# PLATFORM ASSEMBLY WITH DUAL TORSION BARS

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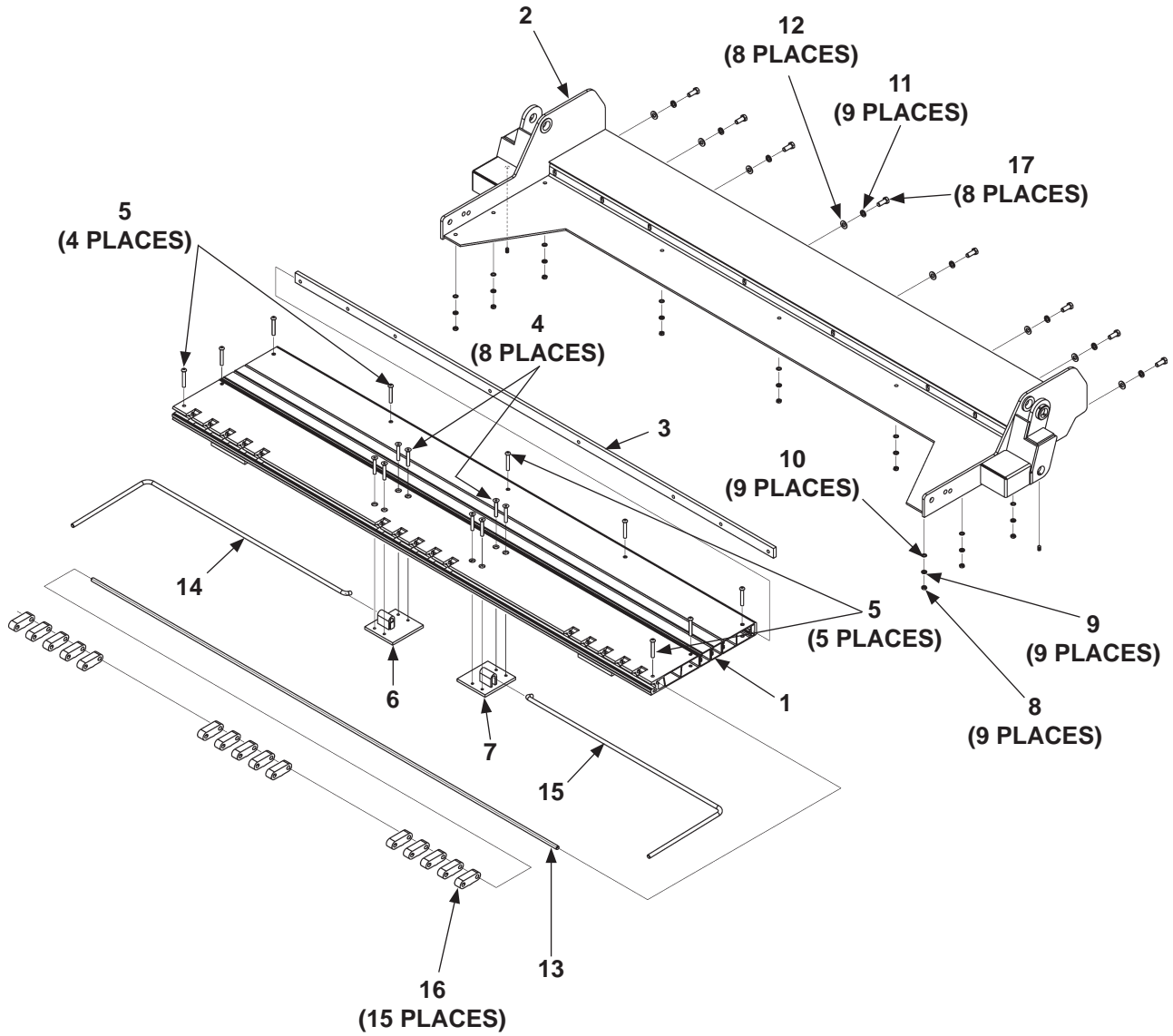


ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268575-01	PLATFORM ASSEMBLY
1	1	268566-01	PLANK WELDMENT, 25" HEEL
2	1	268570-01	PLATFORM WELDMENT, 25" HEEL
3	1	268572-01	TAPPING STRIP FLAT
4	8	900040-10	SOCKET SCREW, 3/8"-16 X 2-1/2" LG.
5	9	900064-11	BUTTON HEAD SCREW, 3/8"-16 X 2-1/2" LG.
6	1	268560-01	TORSION BAR HOLDER, LH
7	1	268560-02	TORSION BAR HOLDER, RH
8	9	285356-01	LOCK NUT, 3/8"-16, THIN HEAD
9	9	902000-9	FLAT WASHER, 3/8" X 1/32" THICK.
10	8	900761-02	CAP SCREW, 5/8"-18 X 1-1/2" LG.
11	8	902011-8	LOCK WASHER, 5/8" X 3/16" THK
12	8	902013-15	FLAT WASHER, 5/8"
13	1	268578-01	HINGE ROD, 1/2" X 83-1/2" LG.
14	1	268394-01	TORSION BAR, LH
15	1	268394-02	TORSION BAR, RH
16	15	283354-10	HINGE, SPACER
17	9	903435-06	WASHER, NORD-LOCK, 3/8" (M10)

# ALUMINUM PLATFORM ASSEMBLY WITH DUAL TORSION BARS

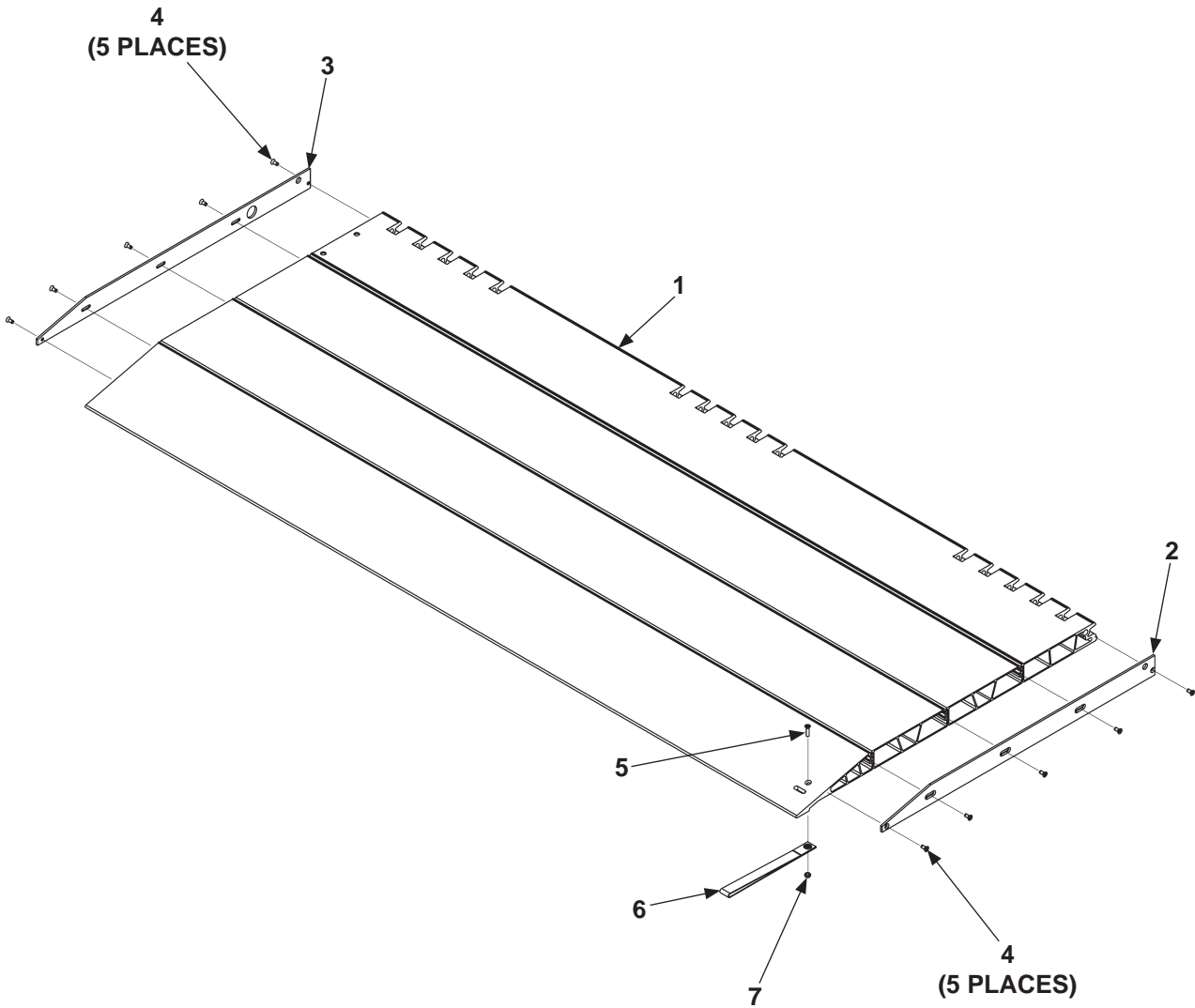
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ITEM	QTY	PART NO.	DESCRIPTION
REF	1	287455-01	PLATFORM ASSEMBLY, 29" ALUMINUM HEEL
		287455-01G	PLATFORM ASSEMBLY, 29" ALUMINUM HEEL, GALVANIZED
1	1	287454-01	PLANK WELDMENT, 29" HEEL
2	1	268570-02	PLATFORM WELDMENT, 29" HEEL
		268570-02G	PLATFORM WELDMENT, 29" HEEL, GALVANIZED
3	1	268572-01	TAPPING STRIP FLAT
4	8	900040-10	SOCKET SCREW, 3/8"-16 X 2-1/2" LG.
5	9	900064-12	BUTTON HEAD SCREW, 3/8"-16 X 2-3/4" LG.
6	1	268560-03	TORSION BAR HOLDER, LH
7	1	268560-04	TORSION BAR HOLDER, RH
8	9	285356-01	HEX NUT, THIN HEAD, 3/8"-16
9	9	903435-06	WASHER, NORD-LOCK, 3/8"- M10
10	9	902000-9	FLAT WASHER, 3/8" X 1/32" THICK
11	8	902011-8	LOCK WASHER, 5/8" X 3/16" THK
12	8	902013-15	FLAT WASHER, 5/8"
13	1	268578-01	HINGE ROD, 1/2" X 83-1/2" LG.
14	1	287650-01	TORSION BAR, LH
15	1	287650-02	TORSION BAR, RH
16	15	283354-10	HINGE, SPACER
17	8	900761-02	CAP SCREW, 5/8"-18 X 1-1/2" LG.

# FLIPOVER WITH FIXED RAMP



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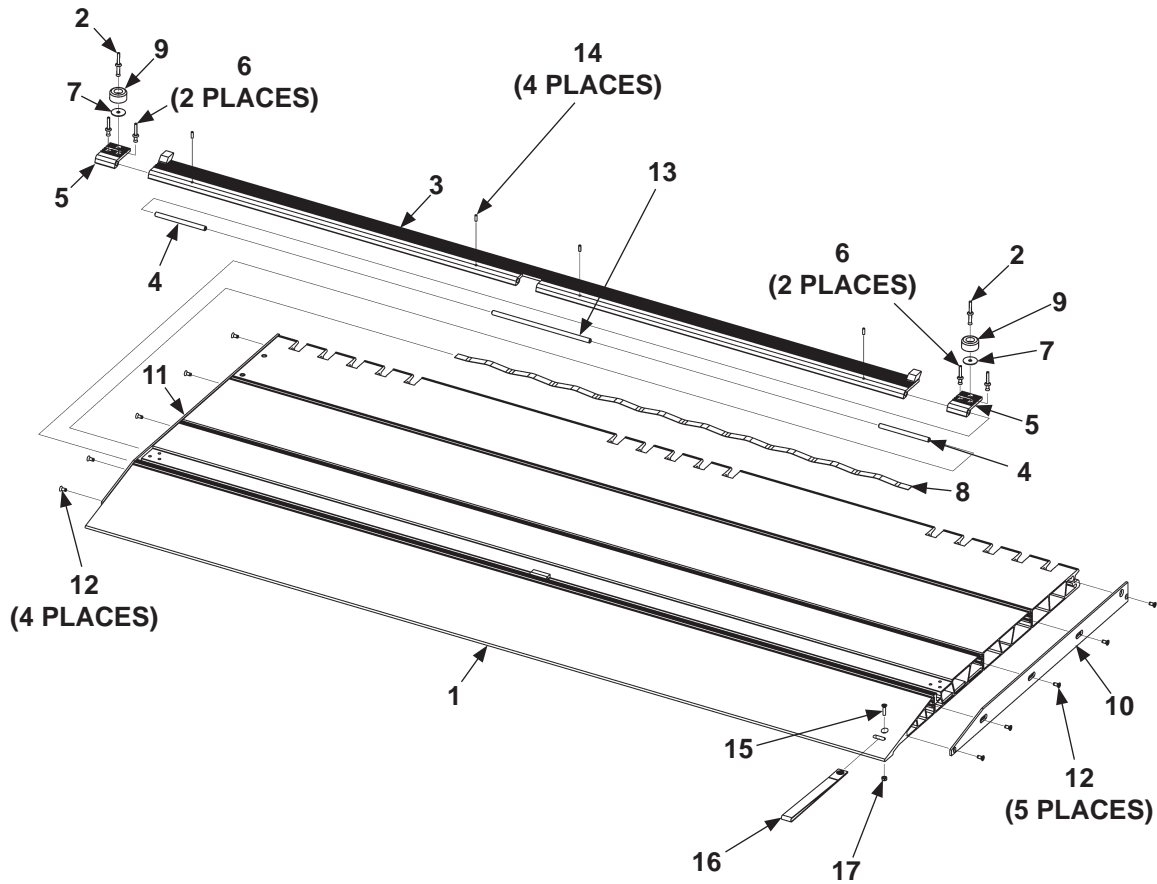


ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268499-07	FLIPOVER ASSEMBLY
		268499-107	FLIPOVER ASSEMBLY, ALUMINUM, KNURL (MAXGRIP)
1	1	268498-05	FLIPOVER WELDMENT
		268498-105	FLIPOVER WELDMENT, KNURLED
2	1	268753-01	SIDE PLATE, RH
3	1	268753-02	SIDE PLATE, LH
4	10	900748-03	PAN HEAD SCREW, 1/4"-20 X 5/8" LG.
5	1	900715-08	PAN HEAD SCREW, 1/4"-20 X 1" LG.
6	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
7	1	901016-2	THIN LOCKING NUT, 1/4"-20

# FLIPOVER WITH SINGLE CART STOP

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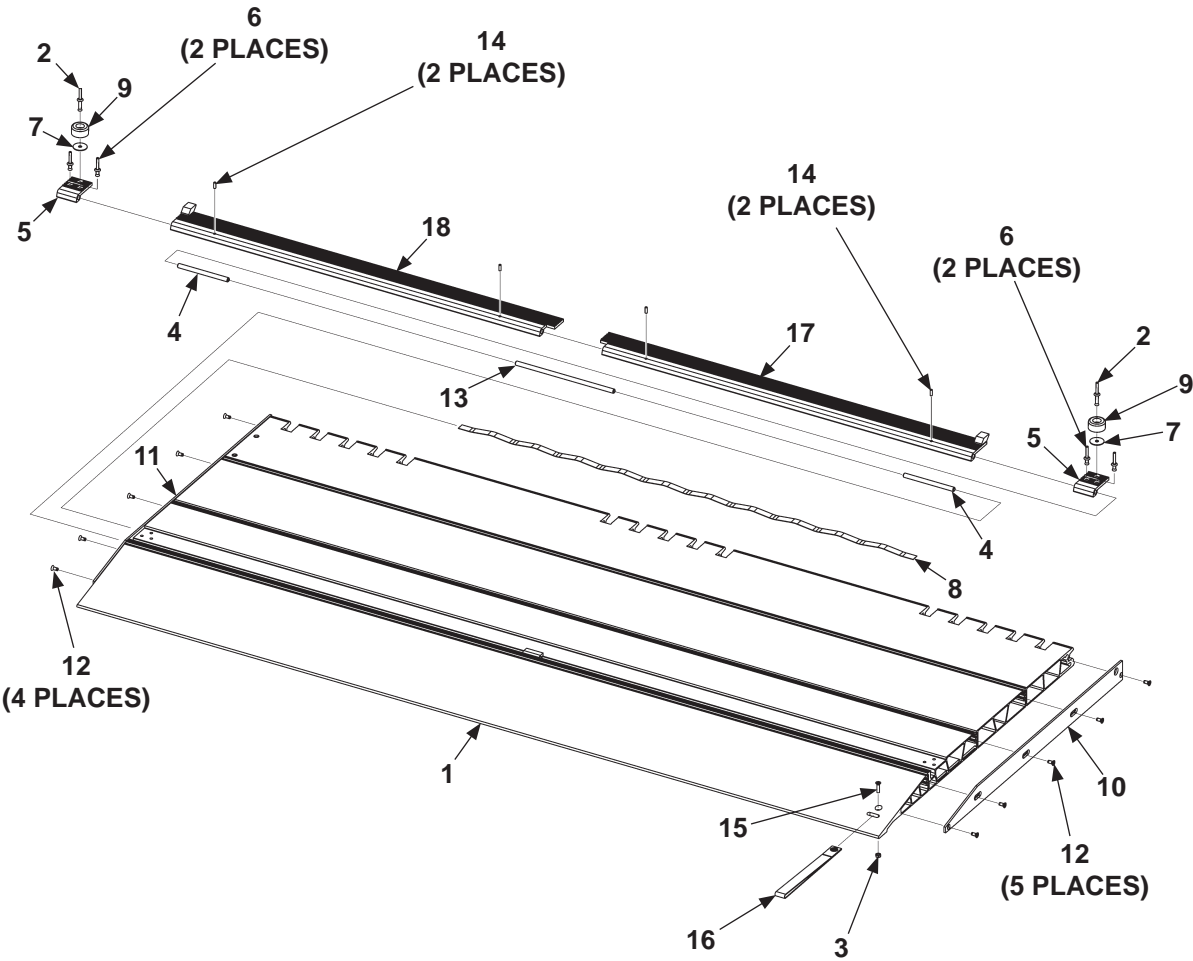


ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268760-02	FLIPOVER ASSEMBLY, 85-3/8" (WIDE)
		268760-102	FLIPOVER ASSEMBLY, 85-3/8" (WIDE), KNURL (MAXGRIP)
1	1	268498-06	FLIPOVER WELDMENT, 85" (WIDE)
		268498-106	FLIPOVER WELDMENT, 85" (WIDE), KNURL (MAXGRIP)
2	2	903705-06	RIVET, BLIND, 1/4" X 1-7/32" LG.
3	1	267092-09	CART STOP WELDMENT, 85" (WIDE)
4	2	267094-03	PIN, 5" LG.
5	2	267088-01	CART STOP LINK
6	4	903705-02	RIVET, BLIND, 1/4" X 5/8" LG.
7	2	903409-07	FENDER WASHER, 9/32" X 1-1/4" O.D.
8	1	267581-01	SPRING, FLIPOVER, 42" LG.
9	2	905314-05	BUMPER
10	1	268753-01	SIDE PLATE, FLIPOVER RH
11	1	268753-02	SIDE PLATE, FLIPOVER LH
12	10	900748-03	SELF-TAPPING SCREW, 1/4"-20 X 5/8" LG.
13	1	267094-04	PIN, 9-3/4" LG.
14	4	904719-03	ROLL PIN, 3/16" X 9/16" LG.
15	1	900715-08	PAN HEAD SCREW, 1/4"-20 X 1" LG.
16	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
17	1	901016-2	THIN LOCKING NUT, 1/4"-20

# FLIPOVER WITH DUAL CART STOPS

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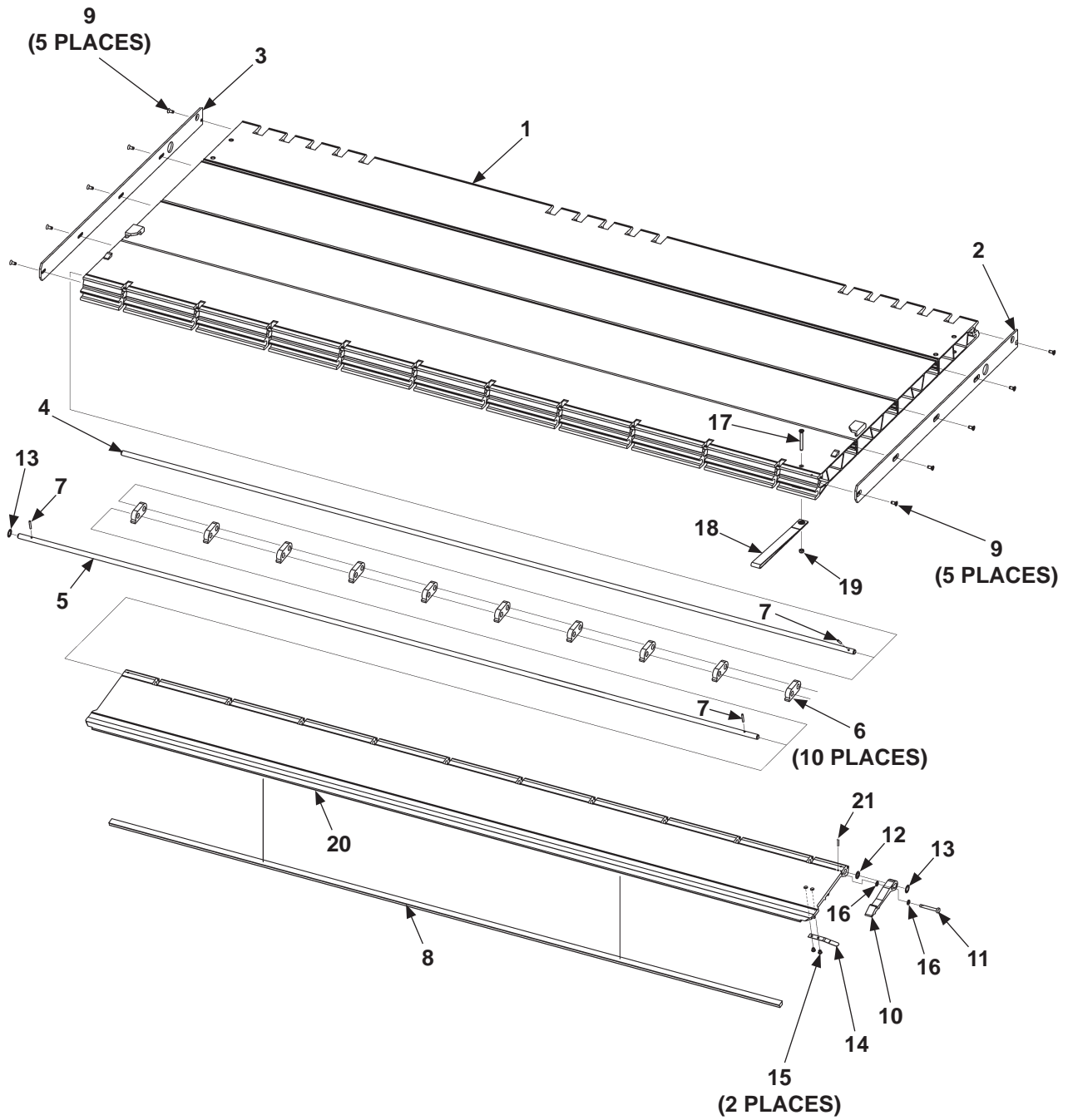


ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268760-01	FLIPOVER ASSEMBLY, 85-3/8" LG.
		268760-101	FLIPOVER ASSEMBLY, 85-3/8" LG, KNURL (MAXGRIP)
1	1	268498-06	FLIPOVER WELDMENT, 85" LG.
		268498-106	FLIPOVER WELDMENT, 85" LG, KNURL (MAXGRIP)
2	2	903705-06	RIVET, BLIND, 1/4" X 1-7/32" LG.
3	1	901016-2	THIN LOCKING NUT, 1/4"-20
4	2	267094-03	PIN, 5" LG.
5	2	267088-01	CART STOP LINK
6	4	903705-02	RIVET, BLIND, 1/4" X 5/8" LG.
7	2	903409-07	FENDER WASHER, 9/32" X 1-1/4" O.D.
8	1	267581-01	SPRING, FLIPOVER, 42" LG.
9	2	905314-05	BUMPER
10	1	268753-01	SIDE PLATE, FLIPOVER RH
11	1	268753-02	SIDE PLATE, FLIPOVER LH
12	10	900748-03	SELF-TAPPING SCREW, 1/4"-20 X 5/8" LG.
13	1	267094-04	PIN, 9-3/4" LG.
14	4	904719-03	ROLL PIN, 3/16" X 9/16" LG.
15	1	900715-08	PAN HEAD SCREW, 1/4"-20 X 1" LG.
16	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
17	1	267092-06	CART STOP WELDMENT RH, 40-11/32" LG.
18	1	267092-07	CART STOP WELDMENT LH, 40-11/32" LG.

# FLIPOVER WITH SINGLE RETENTION RAMP

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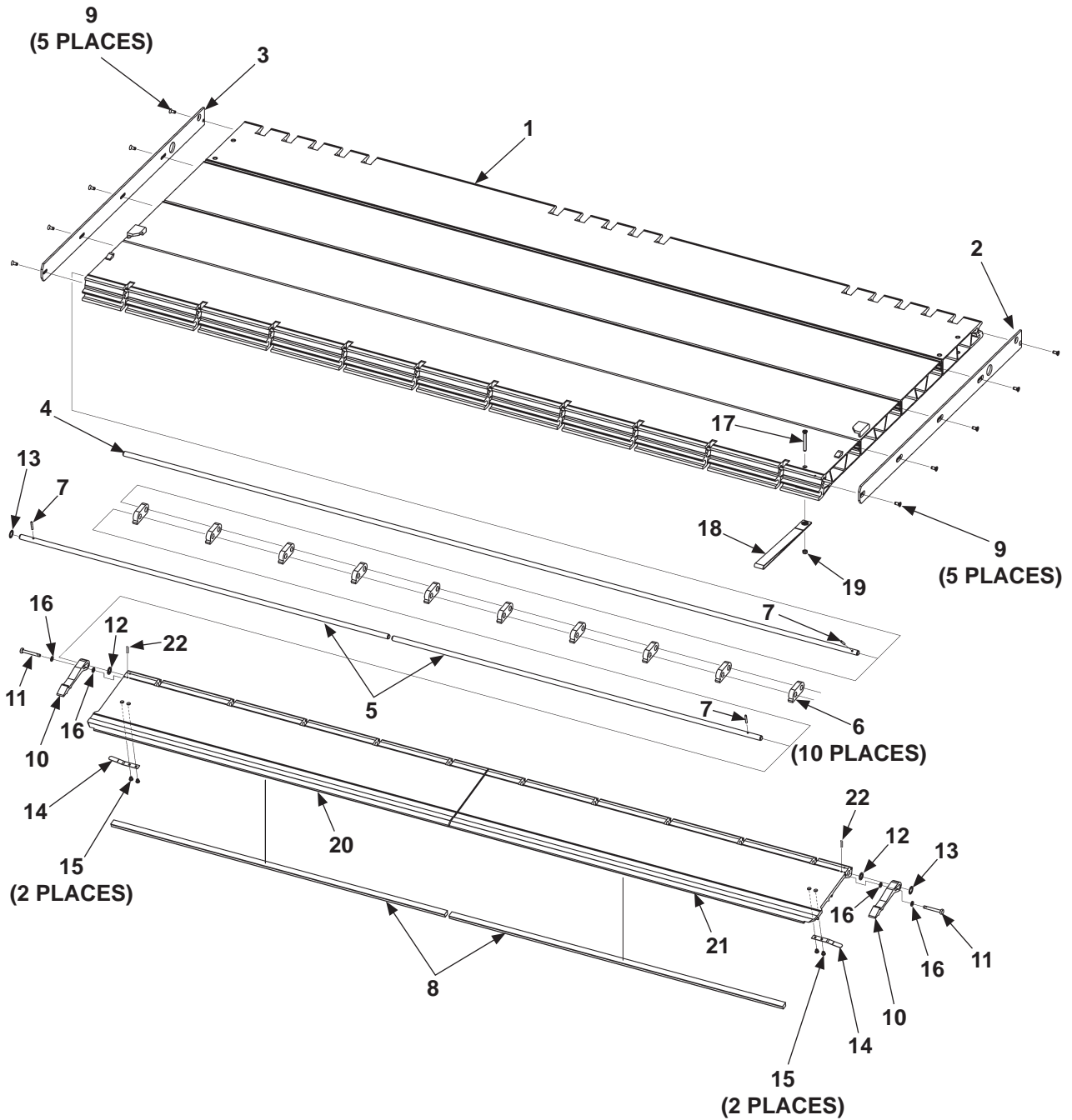
ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268499-05	FLIPOVER ASSEMBLY
		268499-105	FLIPOVER ASSEMBLY, KNURL (MAXGRIP)
1	1	268498-04	FLIPOVER WELDMENT
		268498-104	FLIPOVER WELDMENT, KNURL (MAXGRIP)
2	1	268752-01	SIDE PLATE, RH
3	1	268752-02	SIDE PLATE, LH
4	1	267045-04	HINGE ROD, 1/2" X 84-3/4" LG.
5	1	267045-03	HINGE ROD, 1/2" X 84-9/16" LG.
6	10	311022-10	HINGE, 1/2" LG.
7	2	905007-07	ROLL PIN, 5/32" X 1" LG.
8	1	905318-02	EXTRUSION BUMPER
9	10	900748-03	PAN HEAD SCREW, 1/4"-20 X 5/8" LG.
10	1	311038-11	RETENTION RAMP HOOK
11	1	283951-01	CLEVIS PIN, 1/4" O.D.
12	1	903413-02	WASHER, 1/2"
13	1	903420-01	SELF LOCKING RETAINING RING, 1/2"
14	1	267326-01	RETENTION RAMP SPRING HOOK
15	2	904005-1	RIVET, 3/16" X 7/16"
16	2	903421-02	WASHER, 1/4"
17	1	900715-15	PAN HEAD SCREW, 1/4"-20 X 2-1/4" LG.
18	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
19	1	901016-2	THIN LOCKING NUT, 1/4"-20
20	1	267041-02	RAMP
21	1	905007-03	ROLL PIN, 5/32" O.D.

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# FLIPOVER WITH DUAL RETENTION RAMPS

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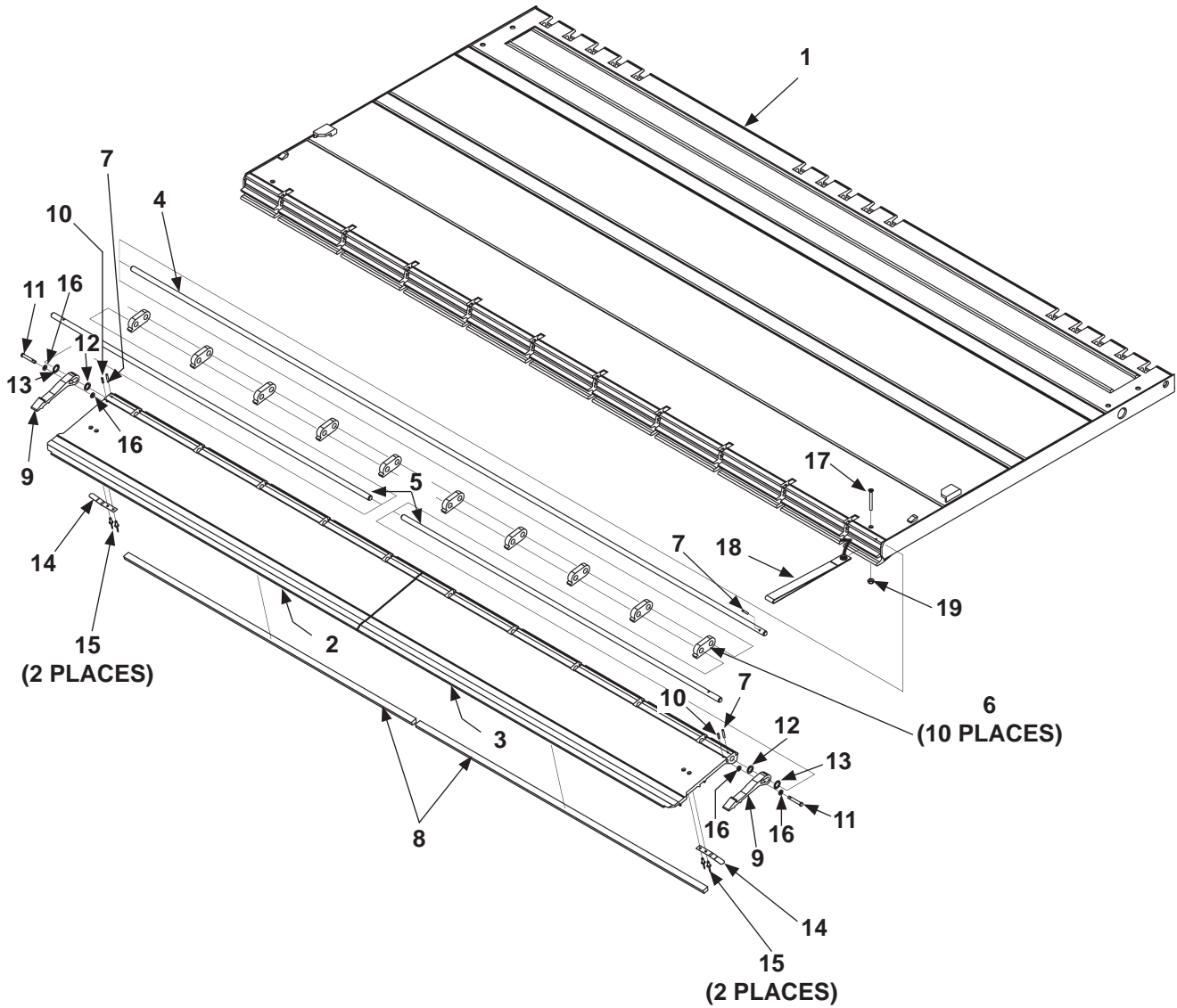


ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268499-06	FLIPOVER ASSEMBLY
		268499-106	FLIPOVER ASSEMBLY, KNURL (MAXGRIP)
1	1	268498-03	FLIPOVER WELDMENT
		268498-103	FLIPOVER WELDMENT, KNURL (MAXGRIP)
2	1	268752-01	SIDE PLATE, RH
3	1	268752-02	SIDE PLATE, LH
4	1	267045-04	HINGE ROD, 1/2" X 84-3/4" LG.
5	2	267045-06	HINGE ROD, 1/2" X 42-9/16" LG.
6	10	311022-10	HINGE, 1/2" LG.
7	3	905007-07	ROLL PIN, 5/32" X 1" LG.
8	2	905318-04	EXTRUSION BUMPER
9	10	900748-03	PAN HEAD SCREW, 1/4"-20 X 5/8" LG.
10	2	311038-11	RETENTION RAMP HOOK
11	2	283951-01	CLEVIS PIN, 1/4" O.D.
12	2	903413-02	WASHER, 1/2"
13	2	903420-01	SELF LOCKING RETAINING RING, 1/2"
14	2	267326-01	RETENTION RAMP SPRING HOOK
15	4	904005-1	RIVET, 3/16" X 7/16"
16	4	903421-02	WASHER, 1/4"
17	1	900715-15	PAN HEAD SCREW, 1/4"-20 X 2-1/4" LG.
18	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
19	1	901016-2	THIN LOCKING NUT, 1/4"-20
20	1	267041-04	DUAL RAMP, LH
21	1	267041-06	DUAL RAMP, RH
22	2	905007-03	ROLL PIN, 5/32" O.D.

# FLIPOVER WITH DUAL RETENTION RAMPS (85-3/8" LONG)

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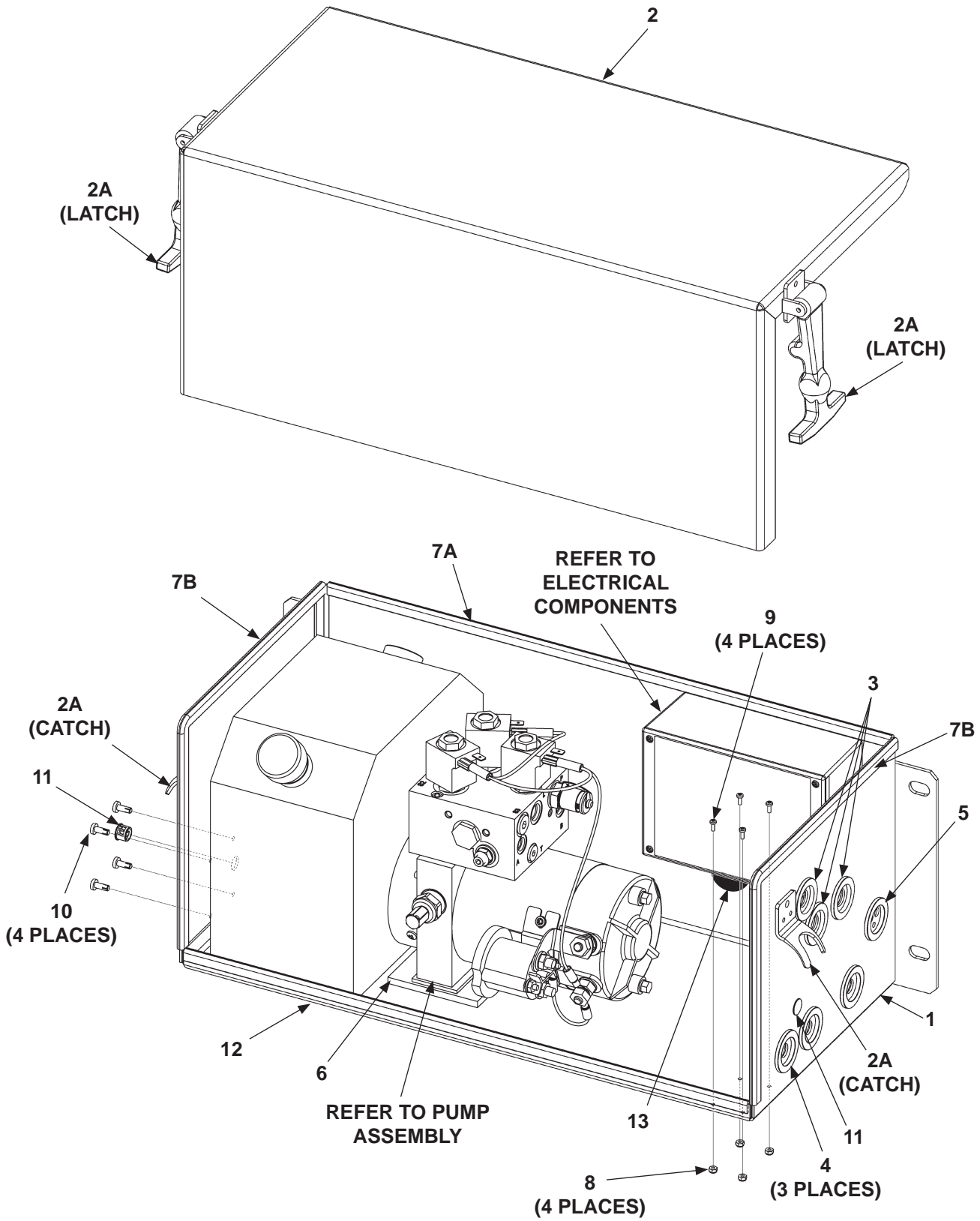
ITEM	QTY	PART NO.	DESCRIPTION
REF	1	287459-01	FLIPOVER ASSEMBLY
		287459-101	FLIPOVER ASSEMBLY, KNURL (MAXGRIP)
1	1	287458-01	ALUMINUM FLIPOVER WELDMENT, DRR, 85-3/8" LG.
		287458-101	ALUMINUM FLIPOVER WELDMENT, DRR, 85-3/8" LG, KNURL (MAXGRIP)
2	1	267041-04	DUAL RAMP, LH, 41-7/8" LG.
3	1	267041-06	DUAL RAMP, RH, 41-7/8" LG.
4	1	267045-04	HINGE ROD, 1/2" X 84-3/4" LG.
5	2	267045-06	HINGE ROD, 1/2" X 42-9/16" LG.
6	10	311022-10	HINGE, 1/2" LG.
7	3	905007-07	ROLL PIN, 5/32" X 1" LG.
8	2	905318-04	EXTRUSION BUMPER
9	2	311038-11	RETENTION RAMP HOOK
10	2	905007-03	ROLL PIN, 5/32" X 5/8" LG.
11	2	283951-01	CLEVIS PIN, 1/4" O.D.
12	4	903421-02	NYLON WASHER, 1/4" I.D. X 1/16" THICK
13	2	903420-01	SELF LOCKING RETAINING RING, 1/2"
14	2	267326-01	RETENTION RAMP SPRING HOOK
15	4	904005-1	RIVET, 3/16" X 7/16"
16	4	903421-02	WASHER, 1/4"
17	1	900715-15	PAN HEAD SCREW, 1/4"-20 X 2-1/4" LG.
18	1	908095-02	HANDLE-STRAP W/GROMMET 9-1/2" LG.
19	1	901016-2	THIN LOCKING NUT, 1/4"-20

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# PUMP BOX ASSEMBLY

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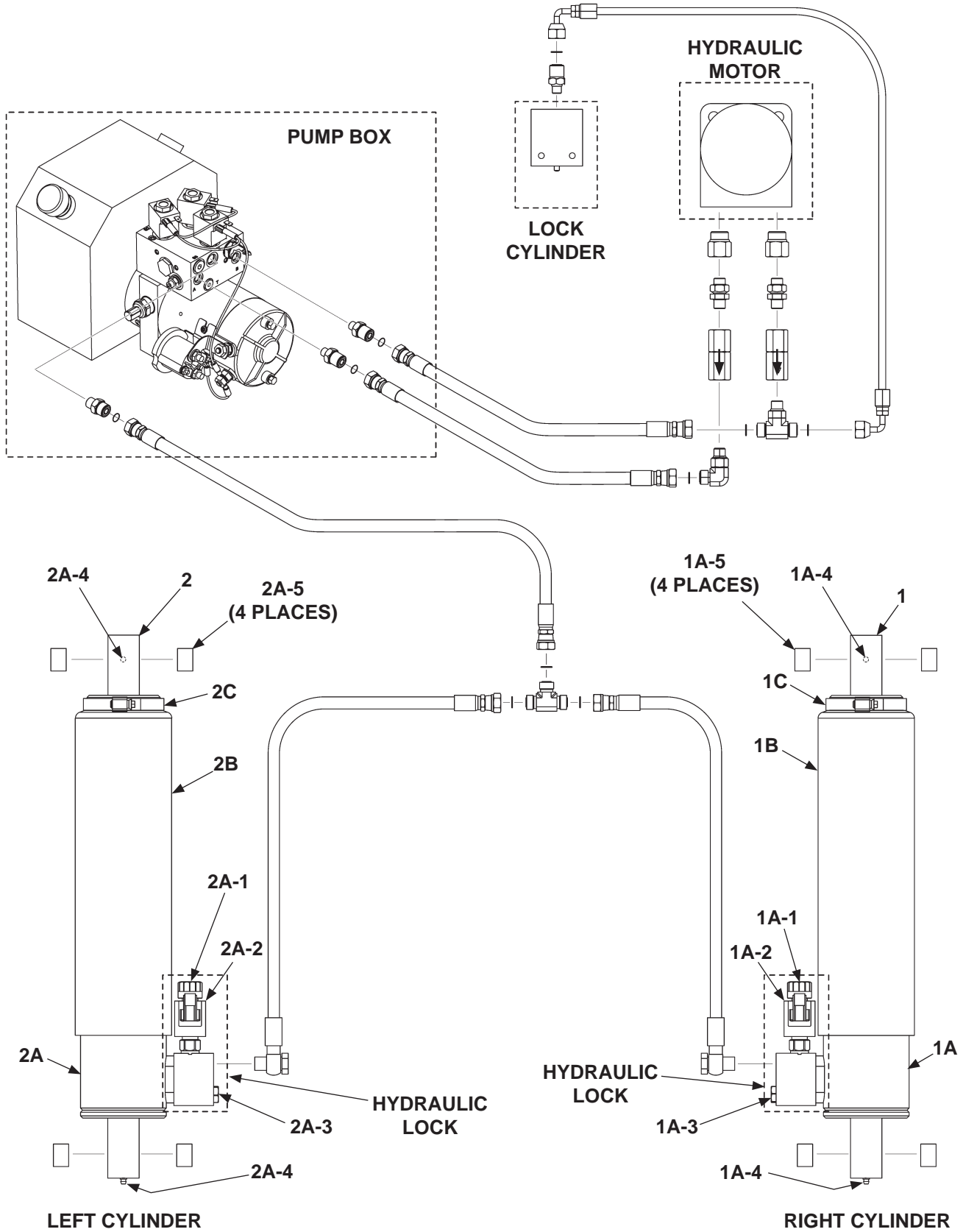
ITEM	QTY	PART NO.	DESCRIPTION
REF	1	268276-01	POWER PACK & CONTROLLER ASSEMBLY
1	1	268080-01	PUMP BOX
2	1	268081-01	PUMP COVER
2A	2	215139	DRAW CATCH & LATCH
3	3	266428-07	GROMMET, 1" O.D., 5/8" I.D. HOLE
4	3	266428-04	GROMMET, 1" O.D., 3/8" I.D. HOLE
5	1	266428-10	GROMMET, 1" O.D., 3 HOLES
6	1	268535-01	SUPPORT PLATE
7	60" (REF)	093212	EDGE TRIM WITH SEAL
7A	1	-	EDGE TRIM, 21-3/4" (CUT TO LENGTH)
7B	2	-	EDGE TRIM, 19" (CUT TO LENGTH)
8	4	901007	LOCK NUT, 4-40, GRADE 8
9	4	900024-5	PAN HEAD SCREW, 4-40 X 5/16" LG.
10	4	900057-2	SELF-TAP SCREW, 10-24 X 1/2" LG.
11	2	908081-01	NYLON PLUG FOR 1/2" HOLE
12	1	093203-11	NEOPRENE BULB, TRIM SEAL (21-3/4" LG.)
13	1	266428-11	GROMMET, 1" O.D., 3 HOLES

# HYDRAULIC COMPONENTS

**NOTE:** Replacement face seal fittings come with required O-rings.

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## CAUTION

**To prevent hydraulic lock from being damaged, torque replacement valve cartridge to 25 lbs.-ft. & coil nut to 4-6 lbs.-ft.**

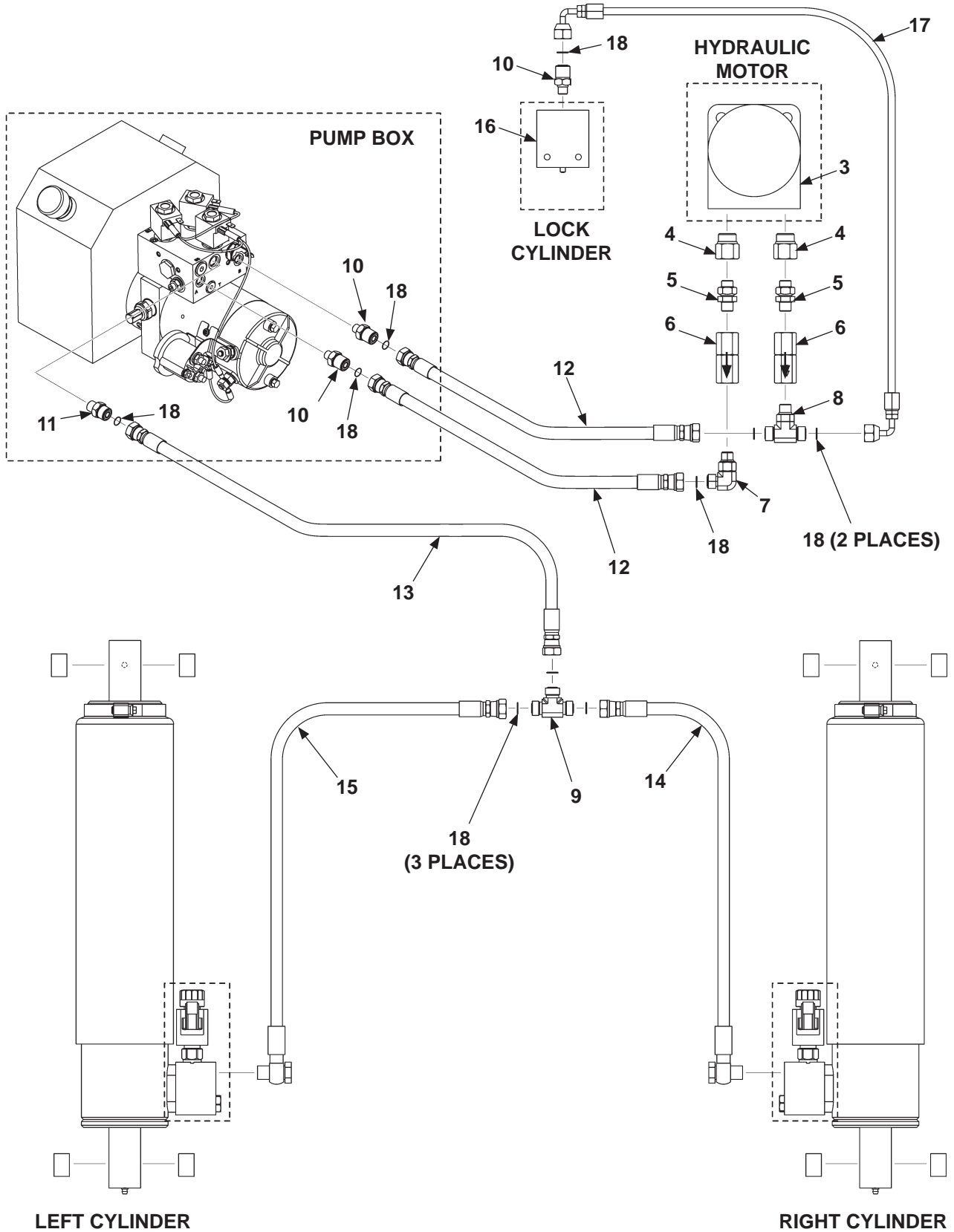
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	268552-01	CYLINDER ASSEMBLY, RH, 12V
1A	1	268502-01	CYLINDER, RH
1A-1	1	906832-01	VALVE
1A-2	1	906824-01	COIL
1A-3	1	268280-01	FLOW CONTROL VALVE
1A-4	2	908131-01	GREASE FITTING
1A-5	4	908046-05	SELF LUBE BEARING, 1-1/4" LG.
1B	1	268399-01	CYLINDER BELLOW
1C	1	908133-01	CLAMP, 3-1/16" - 4" RANGE
2	1	268552-02	CYLINDER ASSEMBLY, LH, 12V
2A	1	268502-02	CYLINDER, LH
2A-1	1	906832-01	VALVE
2A-2	1	906824-01	COIL
2A-3	1	268280-01	FLOW CONTROL VALVE
2A-4	2	908131-01	GREASE FITTING
2A-5	4	908046-05	SELF LUBE BEARING, 1-1/4" LG.
2B	1	268399-01	CYLINDER BELLOW
2C	1	908133-01	CLAMP, 3-1/16" - 4" RANGE

# HYDRAULIC COMPONENTS - Continued

**NOTE:** Replacement face seal fittings come with required O-rings.

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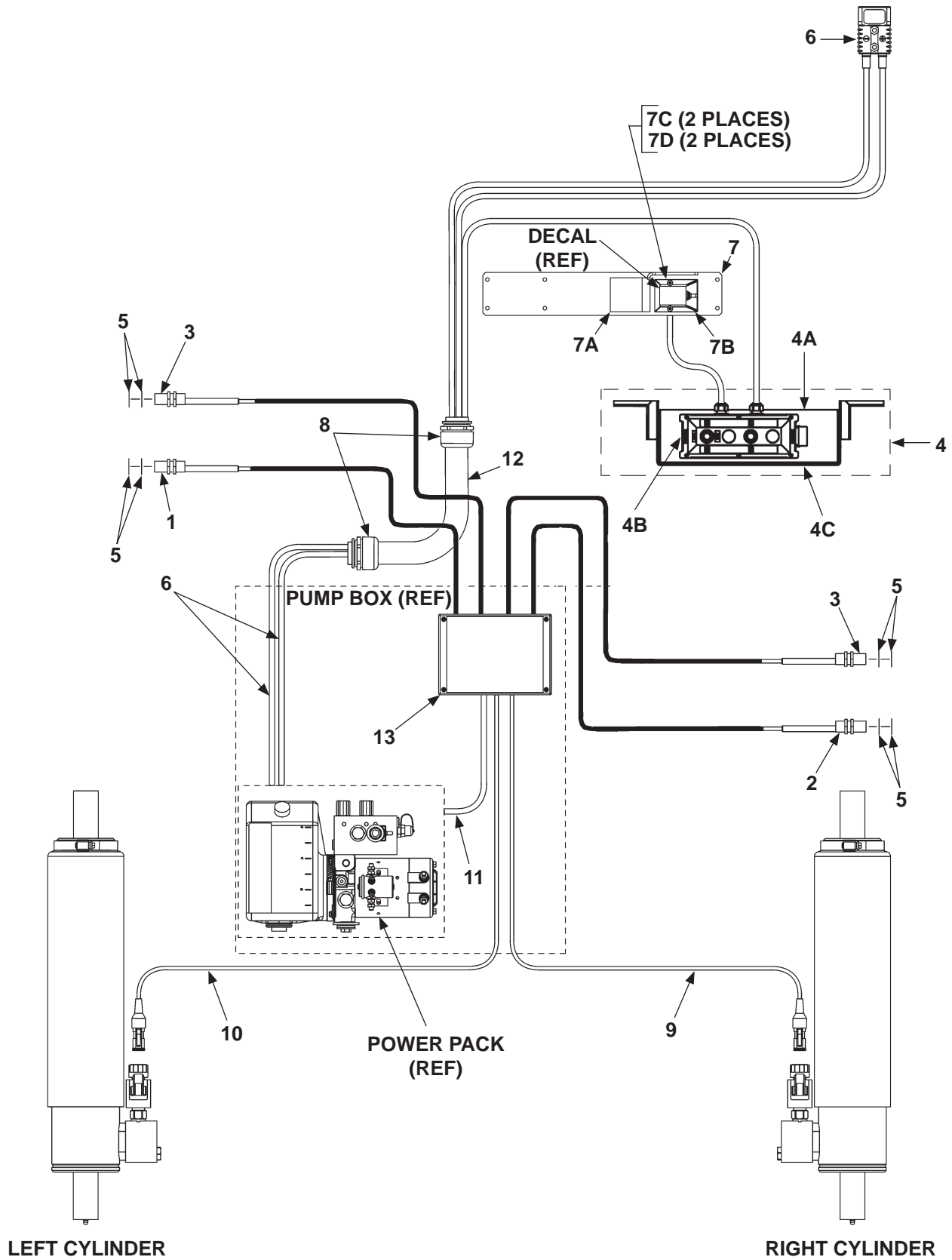


ITEM	QTY.	PART NO.	DESCRIPTION
3	1	268272-03	HYDRAULIC MOTOR
4	2	906812-01	REDUCER STRAIGHT THREAD
5	2	906786-01	UNION, #6M-M, O-RING
6	2	906709-02	FLOW REGULATOR VALVE, #6, 2 GPM
7	1	906813-01	ELBOW #6, 3/8" O-RING FACE SEAL
8	1	906745-01	BRANCH TEE, FACE SEAL #6, O-RING, M-M
9	1	905150	UNION TEE, FACE SEAL 3/8" M, 6-JLO
10	3	906759-01	CONNECTOR, FACE SEAL #6, O-RING #4, M-M
11	1	905173	CONNECTOR, FACE SEAL #6 & O-RING #6, M-M
12	2	268671-01	HOSE ASSEMBLY, 3/8", 25" LG.
13	1	268671-02	HOSE ASSEMBLY, 3/8", SAE #6, 22" LG.
14	1	268672-01	HOSE ASSEMBLY, 3/8", #6-BANJO, 95-1/2" LG.
15	1	268672-02	HOSE ASSEMBLY, 3/8", #6-BANJO, 64" LG.
16	1	268501-01	SLIDER LOCK CYLINDER
17	1	268673-01	HOSE ASSEMBLY, 1/4", SAE #6, 42" LG.
18	10	906712-02	O-RING, #6 (3/8" FACE SEAL TUBE-END)

# ELECTRICAL COMPONENTS (SMART STOW)

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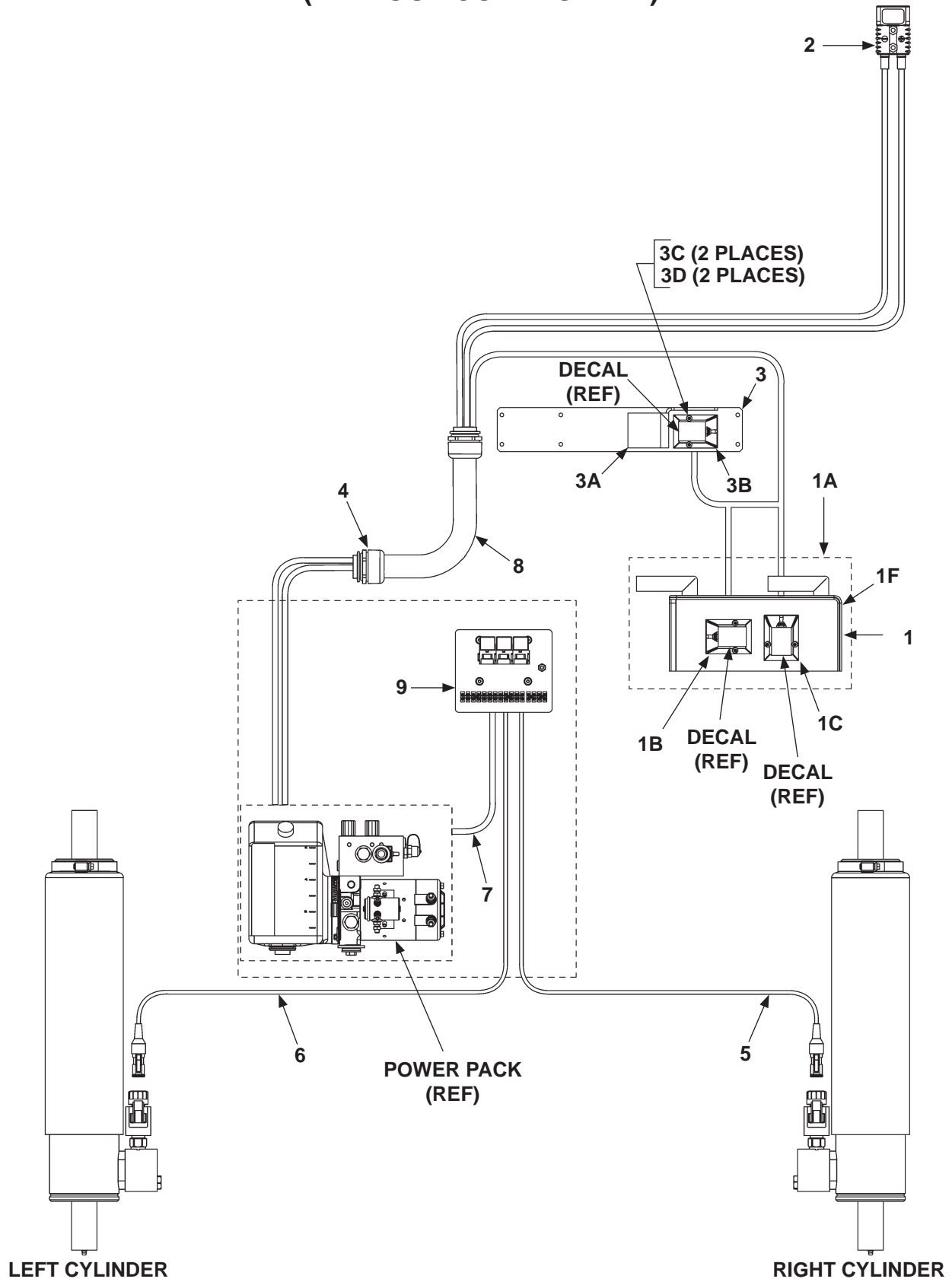
LEFT CYLINDER

RIGHT CYLINDER

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	282631-01	STOW PROXIMITY SENSOR WIRE ASSEMBLY
2	1	282631-05	SLIDE PROXIMITY IN/OUT WIRE ASSEMBLY
3	2	282631-06	PARK/IN PROXIMITY SENSOR WIRE ASSEMBLY
4	1	283667-05	EXTERNAL CONTROL ASSEMBLY
4A	1	283657-01	BOX WELDMENT
4B	1	283665-05	EXTERNAL HAND CONTROL, NO KEY, 12VDC
4C	1	093209-22	EDGE TRIM (25-1/2" LG.)
4D	4	902000-3	FLAT WASHER, #6 (NOT SHOWN)
4E	4	902011-17	LOCK WASHER, #6 (NOT SHOWN)
4F	4	903111-01	HEX NUT, #6-32 (NOT SHOWN)
5	8	903439-01	LOCK WASHER, INTERNAL TOOTH
6	1	282632-01	CABLE ASSEMBLY, 2 GA, 12VDC
7	1	228225	INTERNAL CONTROL ASSEMBLY
7A	1	288224-01	BRACKET ASSEMBLY
7B	1	288221-01	MOLDED SWITCH
7C	2	900007-1	SCREW, PAN HEAD, #10-24 X 5/8" LG.
7D	2	901003	LOCK NUT, NYLON, #10-24
8	2	906559-01	STRAIGHT CONNECTOR FITTING
9	1	268274-01	RIGHT SIDE CABLE, 78" LG, 16 GA
10	1	268274-02	LEFT SIDE CABLE, 104" LG, 16 GA
11	1	282583-01	PUMP CONTROL WIRE ASSEMBLY
12	1	906560-48	SUPER FLEX CONDUIT
13	1	268291-01	CONTROLLER ASSEMBLY
14	6	205780	PLASTIC TIE, 7" LG. (NOT SHOWN)

# ELECTRICAL COMPONENTS (WITHOUT CONTROLLER)

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ITEM	QTY.	PART NO.	DESCRIPTION
1	1	287348-01	SWITCH BOX ASSEMBLY
1A	1	287349-01	BOX WELDMENT
1B	1	287354-02	MOLDED SWITCH ASSEMBLY, UP/DOWN
1C	1	287354-01	MOLDED SWITCH ASSEMBLY, OUT/IN
1D	4	900007-6	SCREW, PAN HEAD, 10-24 X 3/4" LG. (NOT SHOWN)
1E	4	901003	NYLON NUT, 10-24 2B (NOT SHOWN)
1F	1	093209-23	EDGE TRIM, REGULAR, 1/16" THICK X 24" LG.
2	1	282632-01	CABLE ASSEMBLY, 2 GA, 12VDC
3	1	228225	INTERNAL CONTROL ASSEMBLY
3A	1	288224-01	BRACKET ASSEMBLY
3B	1	288221-01	MOLDED SWITCH
3C	2	900007-1	SCREW, PAN HEAD, #10-24 X 5/8" LG.
3D	2	901003	LOCK NUT, NYLON, #10-24
4	2	906559-01	STRAIGHT CONNECTOR FITTING
5	1	268274-01	RIGHT SIDE CABLE, 78" LG, 16 GA
6	1	268274-02	LEFT SIDE CABLE, 104" LG, 16 GA
7	1	282583-01	PUMP CONTROL WIRE ASSEMBLY
8	1	906560-48	SUPER FLEX CONDUIT
9	1	268992-01	RELAY ASSEMBLY, GPSLR
10	6	205780	PLASTIC TIE, 7" LG. (NOT SHOWN)

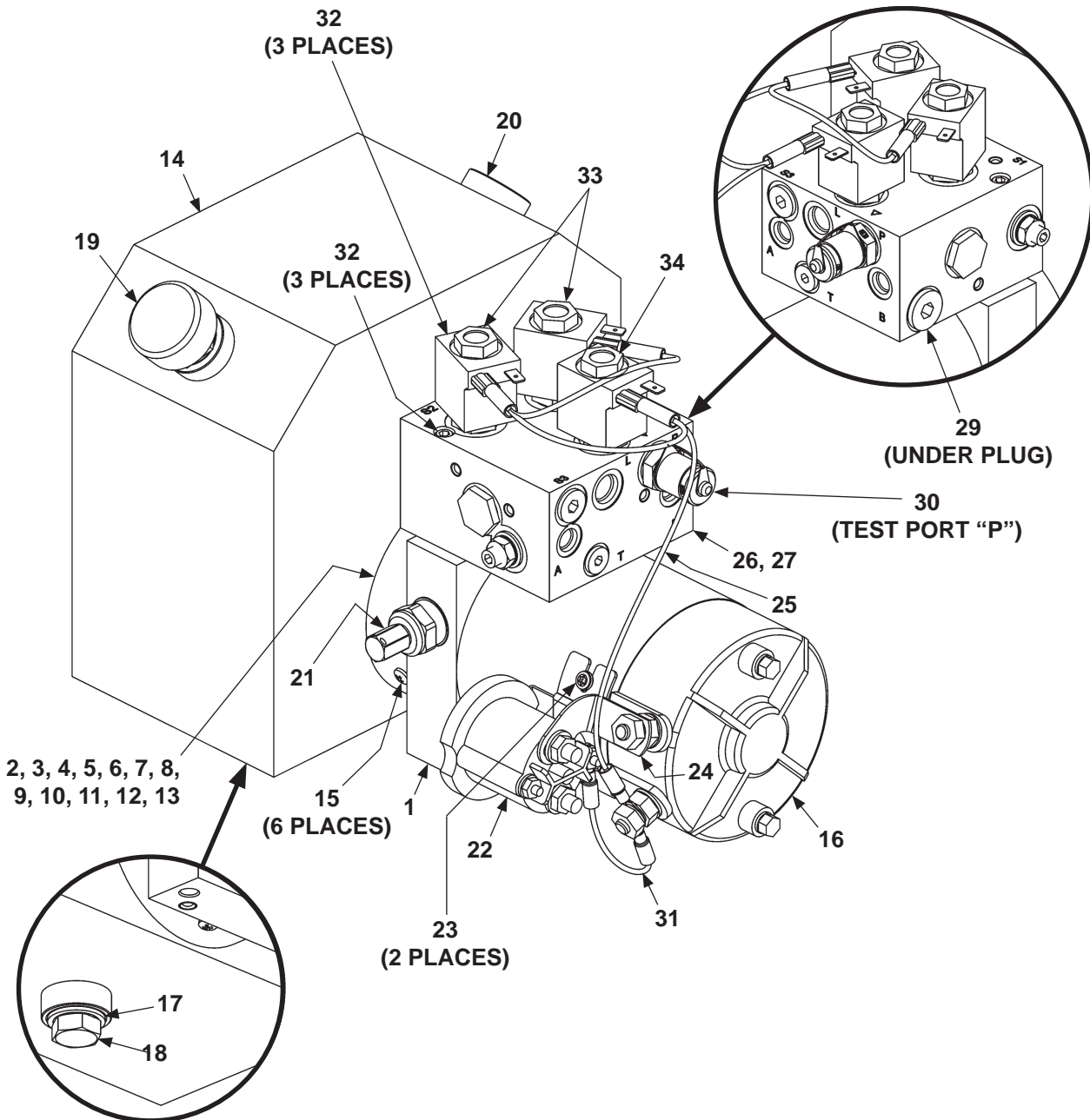
# 12 VDC POWER UNIT

## CAUTION

Do not over-tighten the terminal nuts on starter solenoid. For the load terminals, torque nuts to 40 lbs.-in. max. Torque the nuts on #10-32 control terminals 15-20 lbs.-in.

## CAUTION

To prevent damage when installing 2-way valves, torque valve cartridge nut to 30 lbs.-in. max.



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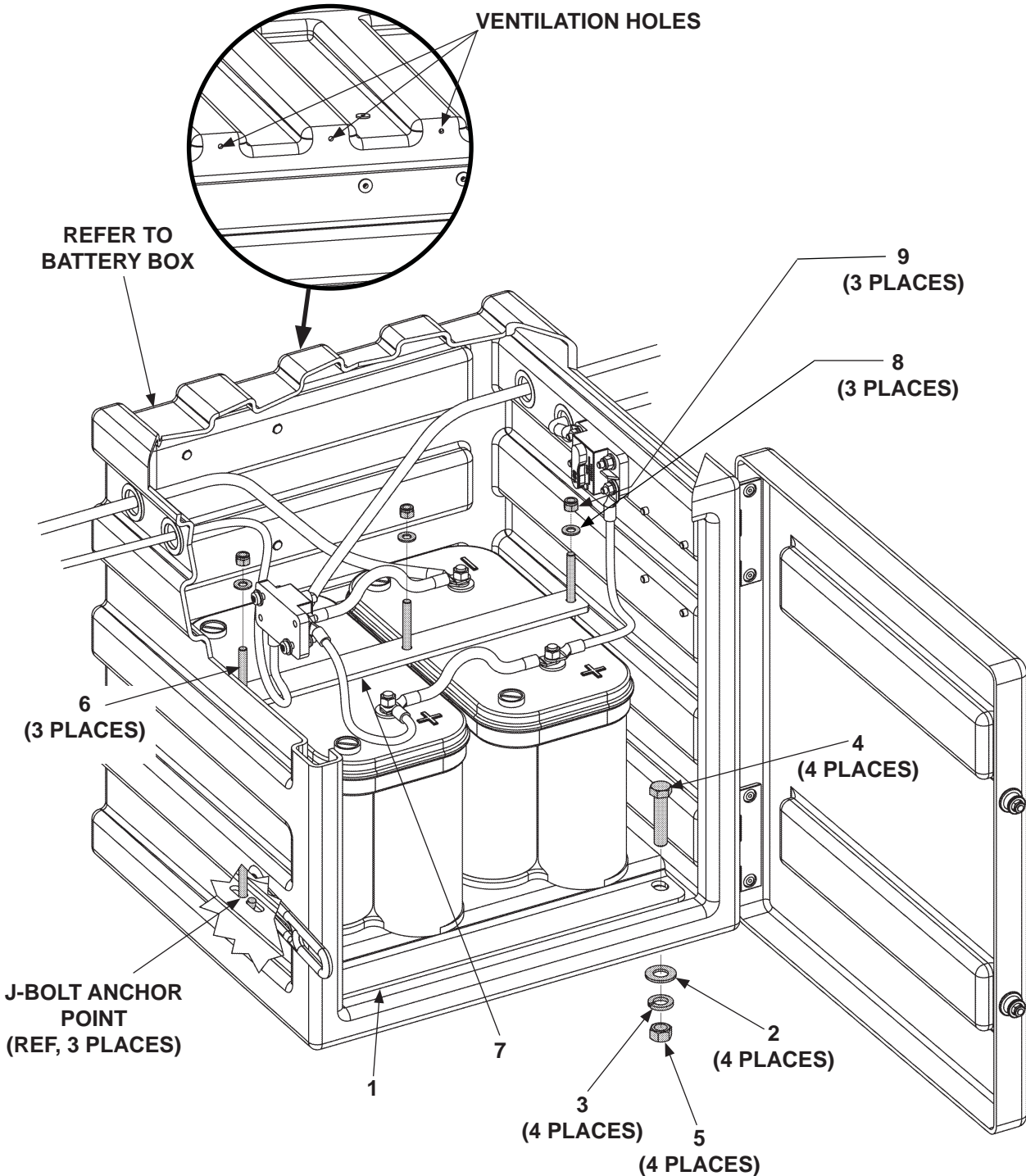
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ITEM	QTY.	PART NO.	DESCRIPTION
REF.	1	269321	PUMP ASSEMBLY, 24V
1	1	269323	BASE ASSEMBLY, M3498
2	1	269324	O-RING, UP100 & UP110
3	1	269325	PUMP
4	1	269356	INTERMEDIATE SHAFT
5	1	269326	REAR COVER O-RING
6	4	269327	DOWEL PIN, 5 MM X 7 MM
7	1	269328	REAR COVER
8	4	269329	SOCKET CAP SCREW, M8 X 80MM
9	1	269546	SUCTION TUBE, 3/8"
10	1	269331	SCREEN FILTER
11	1	269348	NIPPLE, 3/8" X 3-1/2" LG.
12	1	269349	90° ELBOW, 3/8" X 3/8"
13	1	269350	SUCTION TUBE, 3/8", NYLON
14	1	269332	RESERVOIR
15	6	269333	SCREW, #10-24 X 3/8" LG, SELF TAPPING
16	1	269334	DC MOTOR, 12 VDC
17	1	269547	WASHER SEAL, 1/2"
18	1	269335	DRAIN PLUG, 1/2"-14
19	1	269549	RESERVOIR CAP WITH DIPSTICK
20	1	269337	BREATHER PLUG, 3/4"-14
21	1	269338	RELIEF VALVE, GREEN SPRING
22	1	269339	STARTER SWITCH, 12 VOLT
23	2	269340	PAN HEAD SCREW, #10-32 X 5/16" LG.
24	1	269341	MOTOR-SOLENOID CONNECTING STRAP
25	1	269342	VALVE WIRE ASSEMBLY
26	1	269343	O-RING, 1/16" X 3/4" X 1/16-016
27	1	269344	VALVE ASSEMBLY, 24 VOLT
28	3	269345	SOCKET CAP SCREW, 1/4"-20 X 2-3/4" LG.
29	1	269346	POPPET ASSEMBLY
30	1	269347	TEST PORT FITTING
31	1	269548	STARTER SWITCH WIRE ASSEMBLY
32	3	290125	COIL, 10 VDC, #8, TWO 1/4" MALE TABS
33	2	290126	CARTRIDGE ONLY, 3W/2P
34	1	290127	CARTRIDGE ONLY, 2W/2P

## OPTIONAL BATTERY BOX ASSEMBLY

### ⚠ WARNING

Explosive hydrogen gas from charging batteries can accumulate in battery box if not vented from the box. To prevent hydrogen gas from accumulating, ensure the 3 ventilation holes in battery box are not plugged or covered.



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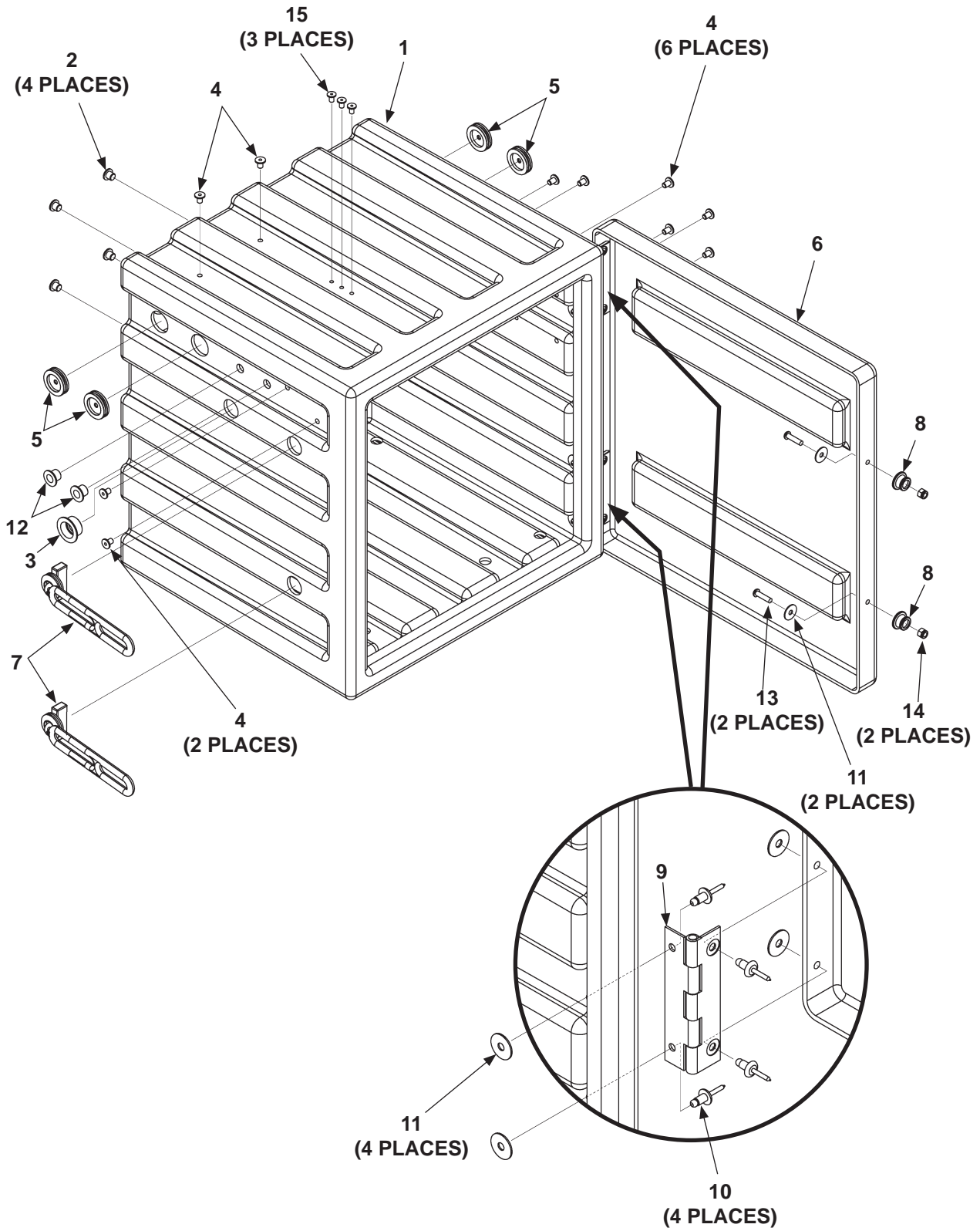
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ITEM	QTY	PART NO.	DESCRIPTION
1	1	289871-01	BATTERY MOUNT PLATE WELDMENT (2 BATTERY)
2	4	902013-14	FLAT WASHER, 9/16"
3	4	902011-7	LOCK WASHER, 9/16"
4	4	900033-6	CAP SCREW, 1/2"-20 X 2-1/4" LG, GRADE 8
5	4	901011-10	HEX NUT, 1/2"-20
6	3	289872-01	J-BOLT (BATTERY TIE DOWN), 5/16"
7	1	289874-01	BATTERY STRAP (2 BATTERY)
8	3	902013-10	FLAT WASHER, 5/16"
9	3	903106-10	NYLON NUT, 5/16"-18

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# OPTIONAL BATTERY BOX



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ITEM	QTY	PART NO.	DESCRIPTION
REF	1	269561-01	BATTERY BOX ASSEMBLY
1	1	289854-01	BATTERY BOX
2	4	908022-03	FLEXIBLE PLUG, 5/16"
3	1	908022-08	FLEXIBLE PLUG, 1-1/16"
4	10	908022-07	FLEXIBLE PLUG, 1/4"
5	4	266428-02	GROMMET, 1" DIAPHRAGM, 1/4" HOLE
6	1	269558-01	COVER
7	2	908193-01	RUBBER LATCH
8	2	908194-01	FASTENING KNOB
9	2	285970-01	HINGE ASSEMBLY, PLASTIC
10	8	903715-03	BLIND RIVET, 1/4" X 1/4"-3/8"
11	10	903438-01	WASHER, 1/4"
12	2	908022-05	FLEXIBLE PLUG, 9/16"
13	2	900719-07	BUTTON HEAD SCREW, 1/4"-20 X 1" LG.
14	2	903137-01	LOCK NUT, 1/4"-20, NYLON
15	3	908022-01	FLEXIBLE PLUG, 1/4" X 1/2"

## DECALS (WITH SMART STOW)

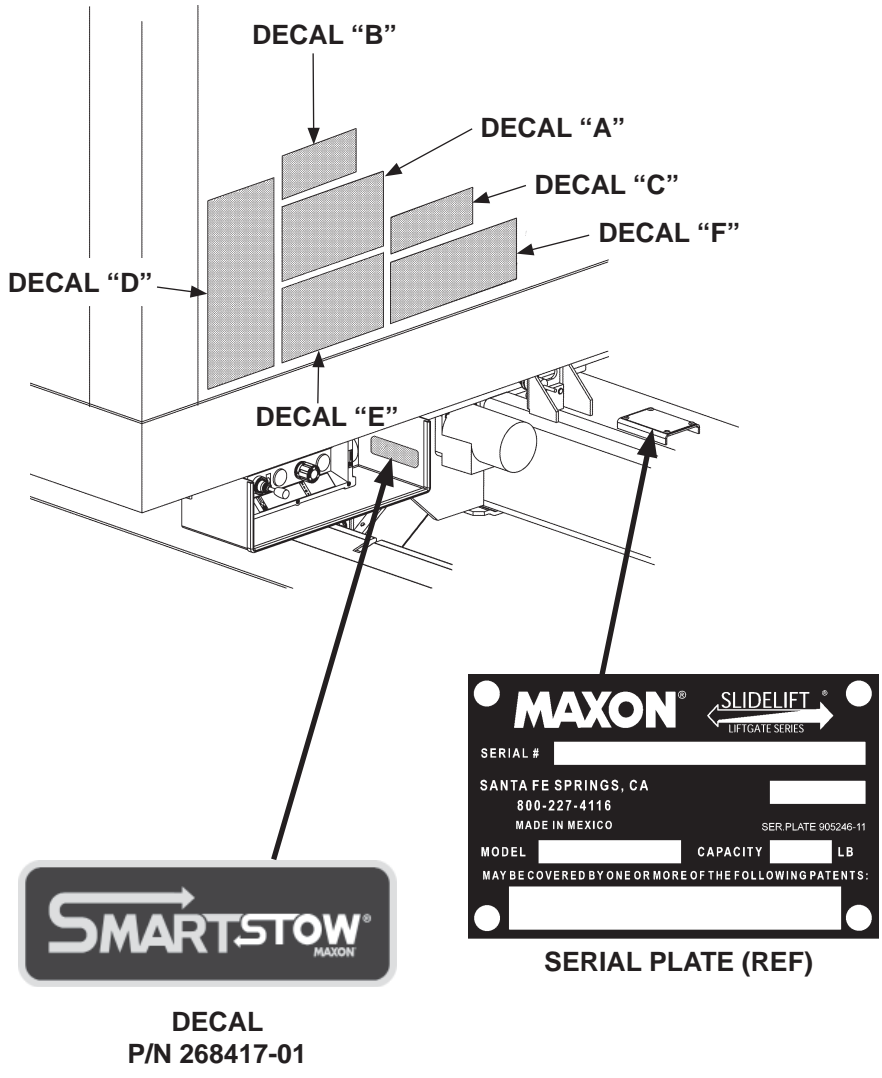


FIG. 100-1

## SAFETY INSTRUCTIONS

Read all decals and operation manual before operating liftgate.

1. Do not use liftgate unless you have been properly instructed and have read, and are familiar with, the operating instructions.
2. Be certain vehicle is properly and securely braked before using the liftgate.
3. Always inspect this liftgate for maintenance or damage before using it. Do not use liftgate if it shows any sign of damage or improper maintenance.
4. Do not overload
5. Make certain the area in which the platform will open and close is clear before opening or closing the platform.
6. Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of liftgate.
7. This liftgate is intended for loading and unloading of cargo only. Do not use this liftgate for anything but its intended use.

(A)

## WARNING

Read this information carefully.

- Improper operation of this Liftgate can result in serious personal injury. If you do not have a copy of the operating instructions, please obtain them from your employer, distributor, or lessor before you attempt to operate Liftgate.
- If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the Liftgate until these problems have been corrected.
- If you are using a pallet jack, be sure it can be maneuvered safely.
- Do not operate a forklift on the platform.
- Do not allow any part of yours or your helper's body to be placed under, within, or around any portion of the moving Liftgate, or its mechanisms, or in a position that would trap them between the platform and the ground or truck when the Liftgate is operated.
- If a helper is riding the platform with you, make sure you are both doing so safely and that you are not in danger of coming in contact with any moving or potentially moving obstacles.
- **USE GOOD COMMON SENSE.**
- If load appears to be unsafe, do not lift or lower it.

For a free copy of other manuals that pertain to this model Liftgate, please visit our website at [www.maxonlift.com](http://www.maxonlift.com) or call Customer Service at (800) 227-4116.

(E)



**WARNING**  
Liftgate hazards can result in crushing or falling.  
Keep hands and feet clear of pinch points.  
If riding liftgate, make sure load is stable and footing is solid.

Read and understand all instructions and WARNINGS before use.

(F)

**CAUTION**  
Always stand clear of platform area.

(C)

THE MAXIMUM CAPACITY OF THIS LIFT IS  
**3300 POUNDS**  
WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

(B)

GPSLR 33 ONLY

THE MAXIMUM CAPACITY OF THIS LIFT IS  
**4400 POUNDS**  
WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

(B)

GPSLR 44 ONLY

## OPERATING INSTRUCTIONS

1. Power On
2. Slide Out To Unstow
3. Manually unfold using strap.
4. Raise
5. Lower
6. Manually fold using strap.
7. Slide In To Stow
8. Power Off

**IMPORTANT: Release switches when liftgate shuts off.**

(D)

MODEL	DECAL SHEET P/N	DECAL "B"
GPSLR-33	267431-01	2300 POUNDS
GPSLR-44	267431-02	4400 POUNDS
GPSTLR-33	267431-01	3300 POUNDS
GPSTLR-44	267431-02	4400 POUNDS

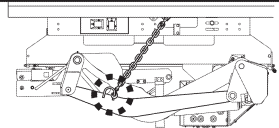
TABLE 101-1

# DECALS (WITHOUT CONTROLLER)

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**CAUTION**



Prevent personal injury & equipment damage.

- Ensure Liftgate is stowed & chained before you move vehicle.
- Ensure Liftgate is unchained before you deploy Liftgate for operation.

P/N 283989-01

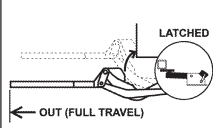
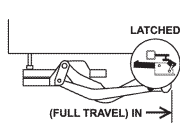
**CAUTION DECAL  
P/N 283989-01**

**CAUTION**

DAMAGE WILL OCCUR IF SLIDE MECHANISM NOT OPERATED CORRECTLY.

1. ENSURE LIFTGATE IS FULLY EXTENDED & LATCHED BEFORE RAISING OR LOWERING.
2. ENSURE LIFTGATE IS FULLY RETRACTED, LATCHED & STOWED BEFORE MOVING VEHICLE.

P/N 282682-01

**CAUTION DECAL  
P/N 282682-01**

**OPERATING INSTRUCTIONS**

1. Unchain Liftarm. See CAUTION Decal.
2. Lower
3. Slide All The Wayout To Unstow
4. Manually Unfold Using Strap
5. Raise
6. Lower
7. Manually Fold Using Strap
8. Raise
9. Slide In All The Way
10. Raise Platform Against Buffer
11. Chain Liftarm. See CAUTION Decal.

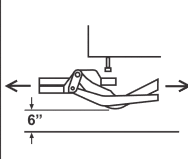
P/N 282681-01

**OPERATION DECAL  
P/N 282681-01**

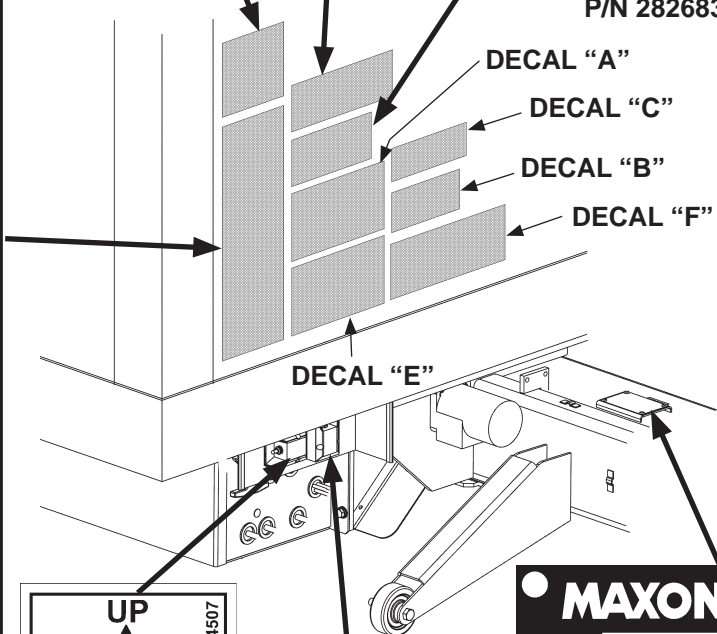
**CAUTION**

DAMAGE WILL OCCUR IF LIFTGATE IS NOT IN CORRECT POSITION WHEN OPERATING SLIDE FUNCTION. ENSURE PLATFORM & ARMS HAVE 6" GROUND CLEARANCE AT LOWEST POINT BEFORE LIFTGATE IS RUN IN OR OUT FROM VEHICLE.


P/N 282683-01



**CAUTION DECAL  
P/N 282683-01**



**UP**




**DOWN**

P/N 264507

**DECAL  
P/N 264507**

**OUT**



**IN**

P/N 282721-01

**DECAL  
P/N 282721-01**

**MAXON** **SLIDLIFT**<sup>®</sup>

LIFTGATE SERIES

SERIAL # \_\_\_\_\_

SANTA FE SPRINGS, CA \_\_\_\_\_

800-227-4116 \_\_\_\_\_

MADE IN MEXICO \_\_\_\_\_

MODEL \_\_\_\_\_ CAPACITY \_\_\_\_\_ LB

SER. PLATE 905246-11

MAY BE COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS:

\_\_\_\_\_

**SERIAL PLATE (REF)**

## SAFETY INSTRUCTIONS

Read all decals and operation manual before operating liftgate.

1. Do not use liftgate unless you have been properly instructed and have read, and are familiar with, the operating instructions.
2. Be certain vehicle is properly and securely braked before using the liftgate.
3. Always inspect this liftgate for maintenance or damage before using it. Do not use liftgate if it shows any sign of damage or improper maintenance.
4. Do not overload
5. Make certain the area in which the platform will open and close is clear before opening or closing the platform.
6. Make certain platform area, including the area in which loads may fall from platform, is clear before and at all times during operation of liftgate.
7. This liftgate is intended for loading and unloading of cargo only. Do not use this liftgate for anything but its intended use.

(A)

## WARNING

Read this information carefully.

- Improper operation of this Liftgate can result in serious personal injury. If you do not have a copy of the operating instructions, please obtain them from your employer, distributor, or lessor before you attempt to operate Liftgate.
- If there are signs of improper maintenance, damage to vital parts, or slippery platform surface, do not use the Liftgate until these problems have been corrected.
- If you are using a pallet jack, be sure it can be maneuvered safely.
- Do not operate a forklift on the platform.
- Do not allow any part of yours or your helper's body to be placed under, within, or around any portion of the moving Liftgate, or its mechanisms, or in a position that would trap them between the platform and the ground or truck when the Liftgate is operated.
- If a helper is riding the platform with you, make sure you are both doing so safely and that you are not in danger of coming in contact with any moving or potentially moving obstacles.
- **USE GOOD COMMON SENSE**
- If load appears to be unsafe, do not lift or lower it.

For a free copy of other manuals that pertain to this model Liftgate, please visit our website at [www.maxonlift.com](http://www.maxonlift.com) or call Customer Service at (800) 227-4116.

(E)



## WARNING

Liftgate hazards can result in crushing or falling.

Keep hands and feet clear of pinch points.

If riding liftgate, make sure load is stable and footing is solid.

(F)

Read and understand all instructions and WARNINGS before use.

## CAUTION

Always stand clear of platform area.

(C)

THE MAXIMUM CAPACITY OF THIS LIFT IS

**3300 POUNDS**

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

(B)

GPSLR 33 ONLY

THE MAXIMUM CAPACITY OF THIS LIFT IS

**4400 POUNDS**

WHEN THE LOAD IS CENTERED ON THE LOAD CARRYING PLATFORM

(B)

GPSLR 44 ONLY

MODEL	DECAL SHEET P/N	DECAL "B"
GPSLR-33	267431-01	2300 POUNDS
GPSLR-44	267431-02	4400 POUNDS
GPSTLR-33	267431-01	3300 POUNDS
GPSTLR-44	267431-02	4400 POUNDS

TABLE 103-1

# DECALS - Continued

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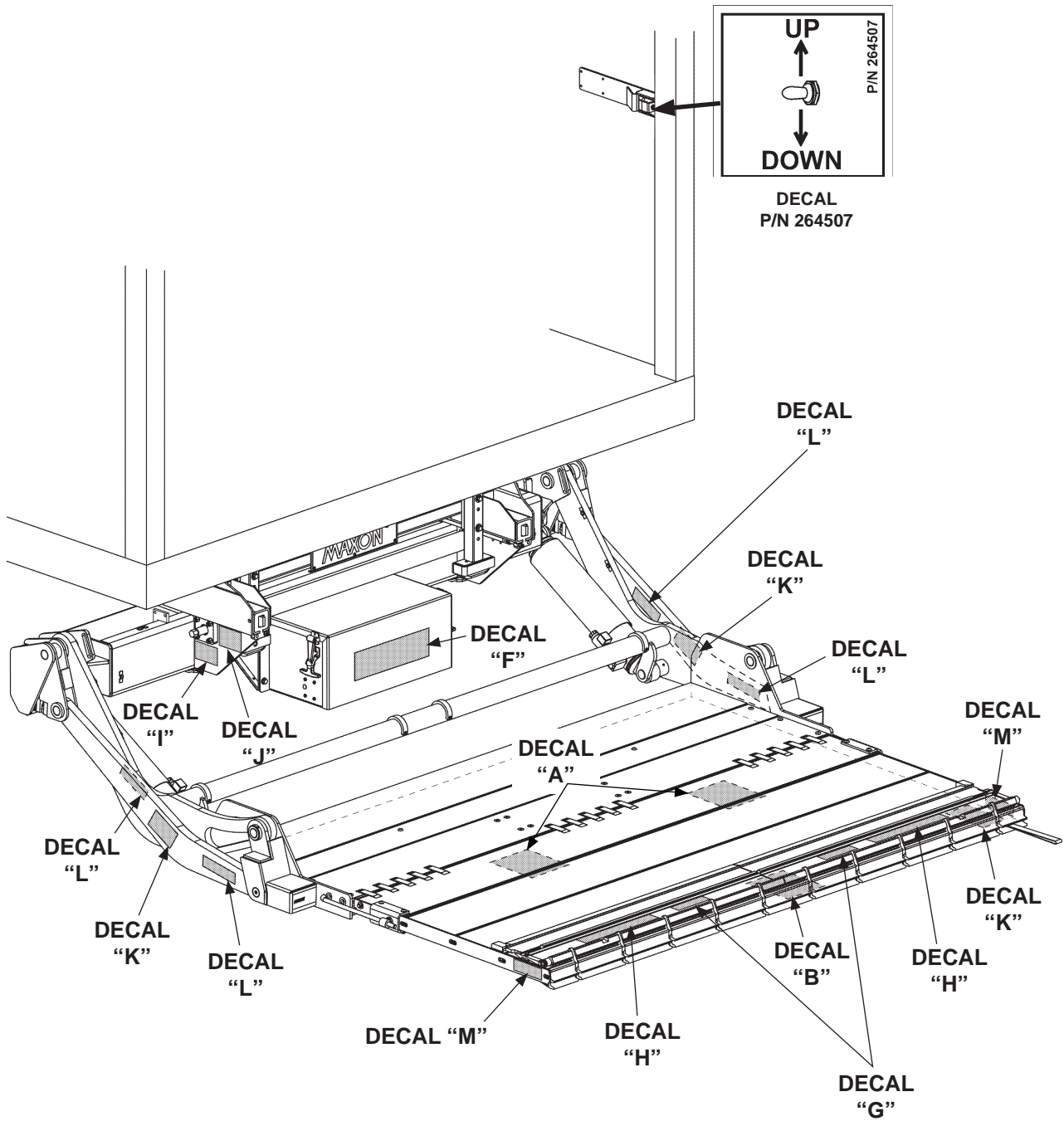


FIG. 104-1



**WARNING**

When unstowing & stowing platform, stay clear of bumpers.

P/N 267432-01 **A**

**WARNING**

To avoid injury stay out of the path where the platform unfolds. Unfold platform from the side.

P/N 267432-01 **B**

**WARNING**

Avoid possible injury & damage to equipment if slider moves under power. Ensure battery is disconnected from liftgate before operating the slider manually.

P/N 267432-01 **J**

**MANUAL SLIDER OPERATION & ACCESS INSTRUCTIONS**

P/N 267432-01 **I**

**WARNING**

Liftgate hazards can result in crushing or falling. Keep hands and feet clear of pinch points. If riding liftgate, make sure load is stable and footing is solid.

Read and understand all instructions and WARNINGS before use.

**F**

**WARNING**

Keep hands clear of pinch points when folding flipover.

**M**

**WARNING**

Keep hands & feet clear of lifting arms.

P/N 267432-01 **L**

**WARNING**

To avoid possible injury and damage to equipment, never stand on lift arms, parallel arms, or bottom side of platform.

P/N 267432-01 **K**

**WARNING**

To prevent personal injury & damaged equipment, ramp must be in retention position when cart is being raised or lowered on platform.

P/N 267432-01 **G**

**1** a. Lift  
b. Pull to unhook ramp

**2** Release RH ramp and/or LH Ramp

**3** a. Slide  
b. Rotate

**4** a. Pull  
b. Rotate

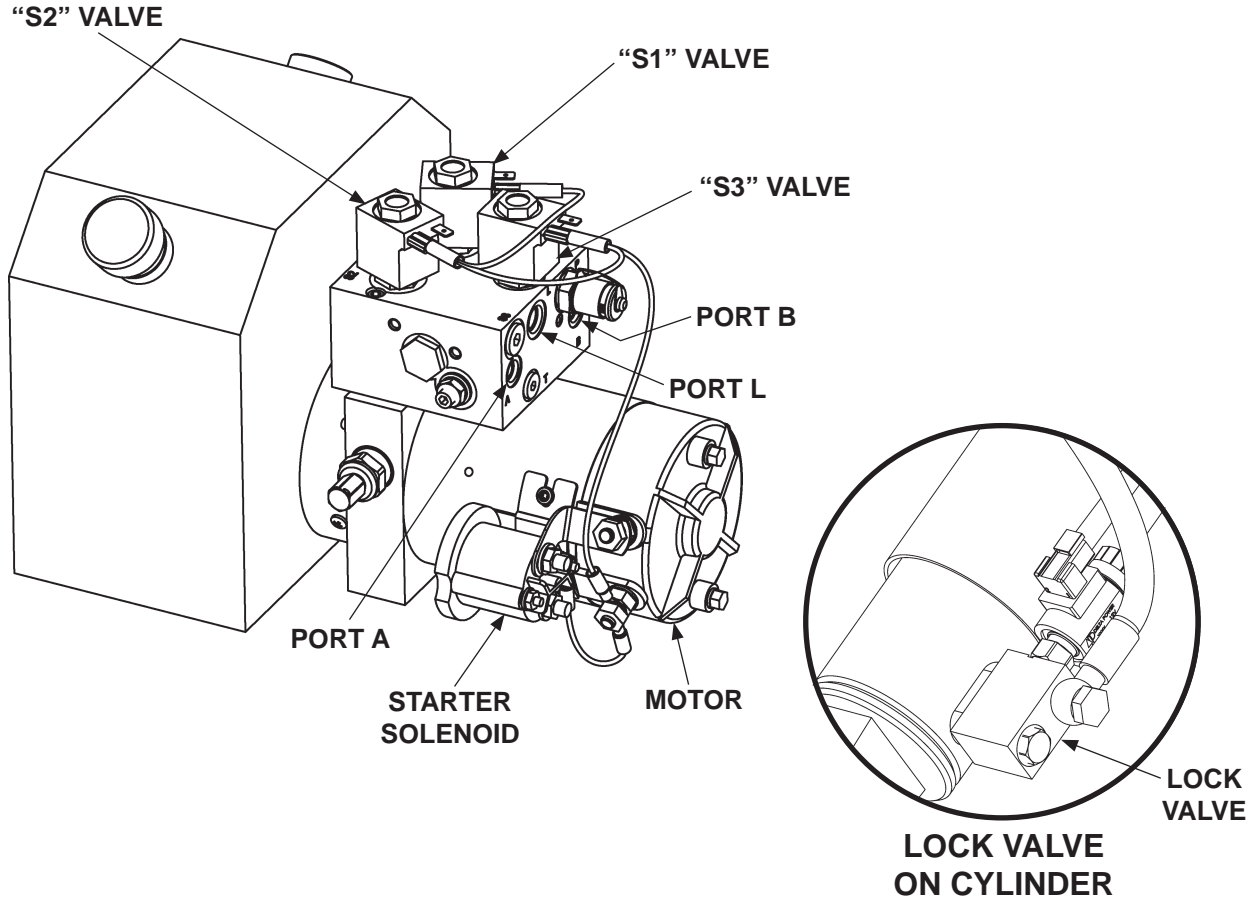
**5** a. Rotate  
b. Slide  
c. Hook

P/N 267432-01 **H**

**DECAL SHEET**  
**P/N 267432-01**

# SYSTEM DIAGRAMS

## PUMP & MOTOR SOLENOID OPERATION



POWER UNIT MOTOR & SOLENOID OPERATION						
TAIL LIFT FUNCTION	PORT	SOLENOID OPERATION (✓ MEANS ENERGIZED)				
		MOTOR	VALVE "S1"	VALVE "S2"	VALVE "S3"	LOCK VALVE
RAISE	L	✓	-	-	-	✓
LOWER	L	-	-	-	✓	✓
SLIDE OPEN	A	✓	-	✓	-	-
SLIDE CLOSED*	B	✓	✓	-	-	-

\*Platform may raise or lower automatically to the correct height to be stowed.

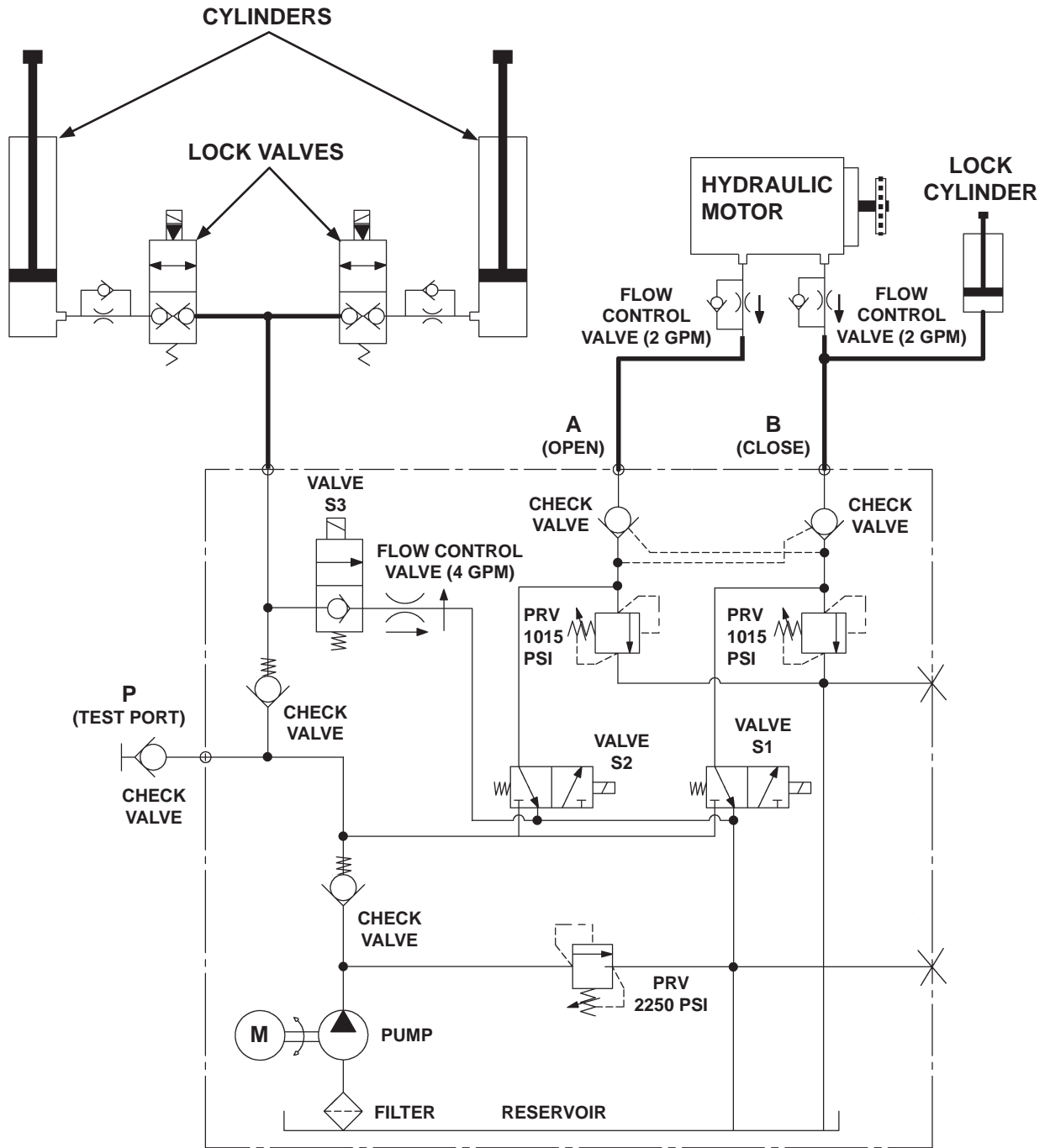
REFER TO VALVES SHOWN ON HYDRAULIC SCHEMATIC

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TABLE 106-1

# HYDRAULIC SCHEMATIC



NOTE: PRV (PRESSURE RELIEF VALVE)

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# SYSTEM DIAGRAMS - Continued

## ELECTRICAL SCHEMATIC (SMART STOW)

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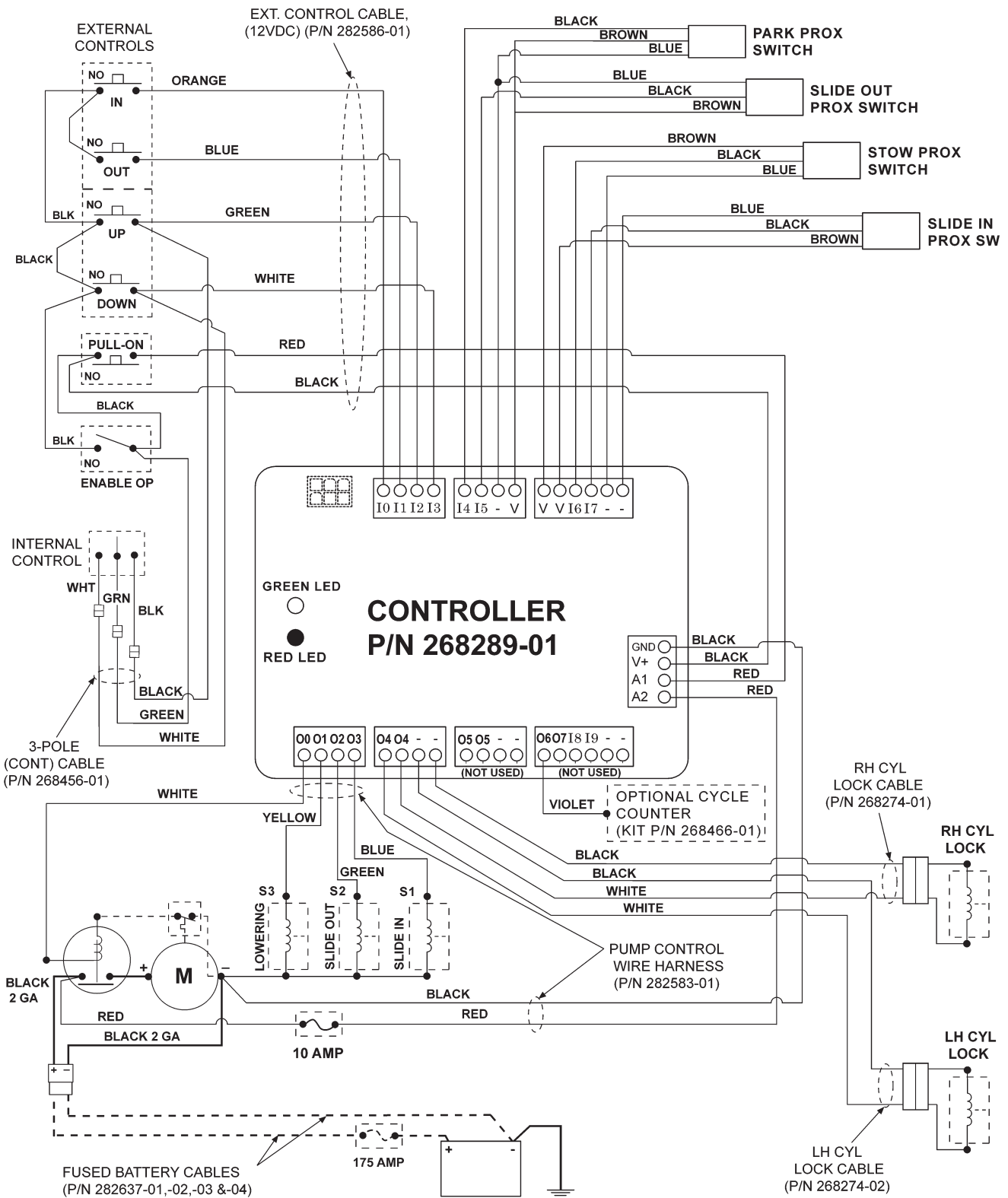


FIG. 108-1

# ELECTRICAL SCHEMATIC (WITHOUT CONTROLLER)

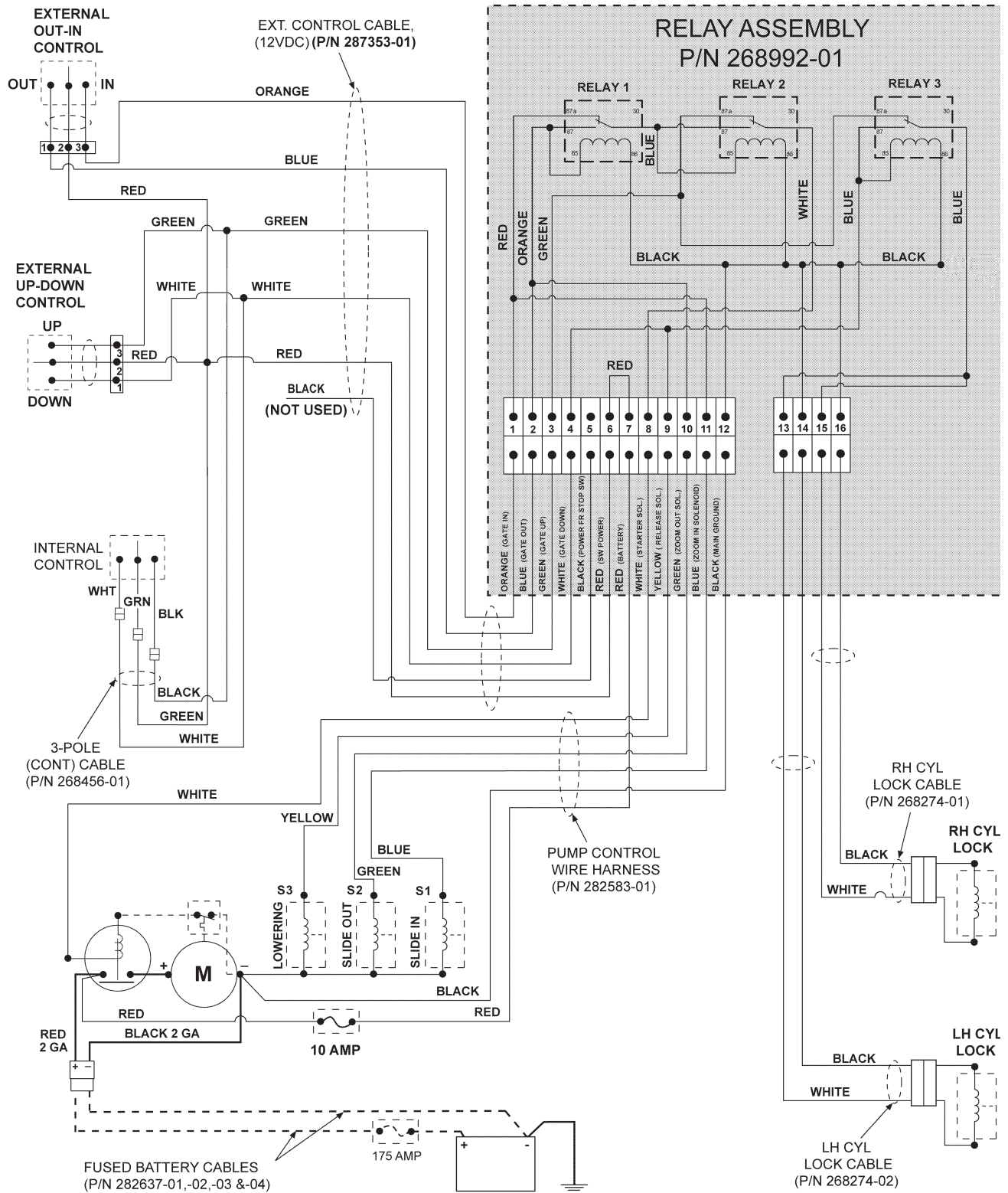


FIG. 109-1

# TROUBLESHOOTING

TO BE PROVIDED IN FUTURE UPDATE

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