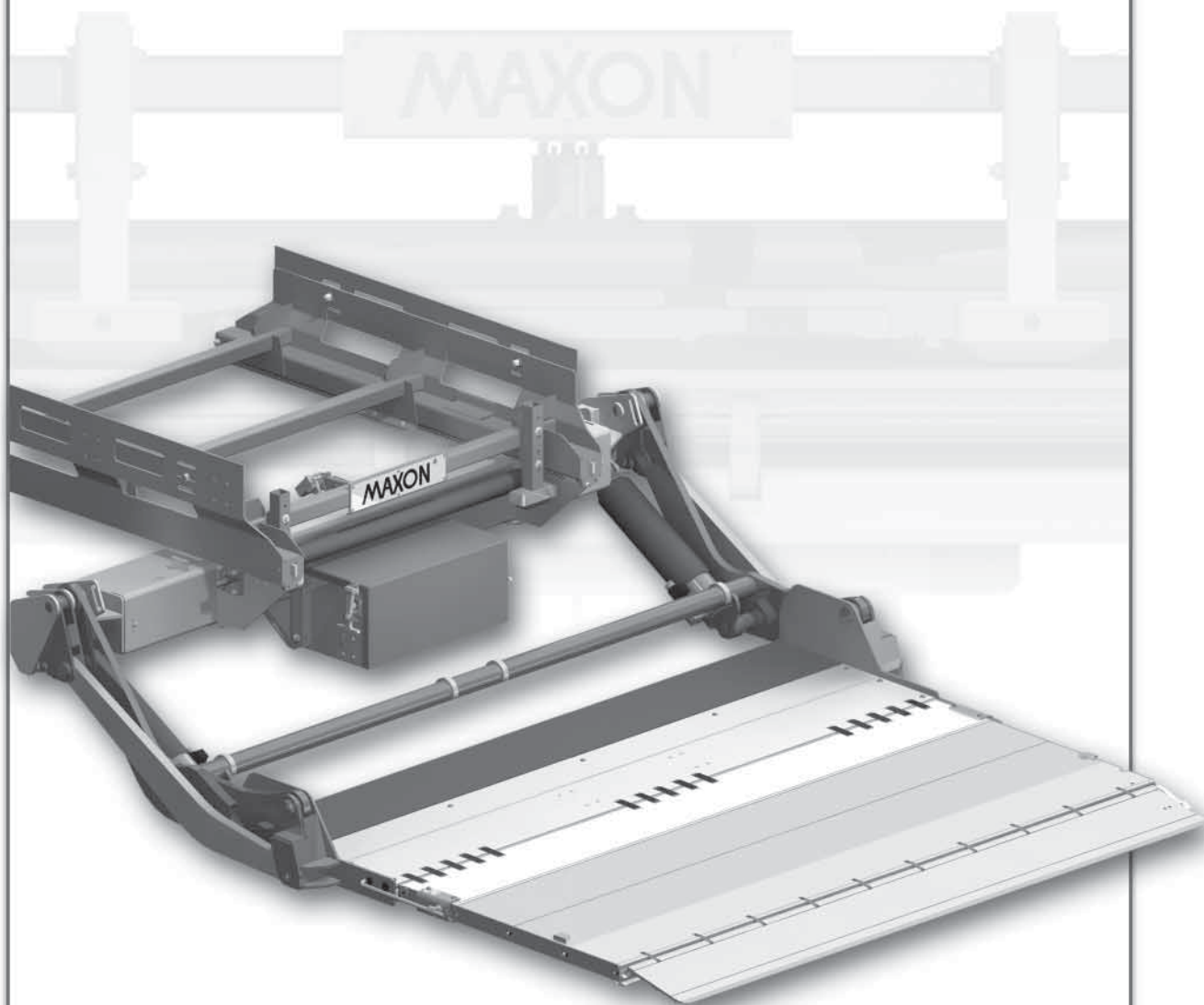


M-08-14
REV. D
MAY 2013

MAXON[®] GPSLR Series

MAINTENANCE MANUAL GPSLR-33 & GPSLR-44



MAXON[®]

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.

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.)

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. 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.

TABLE OF CONTENTS

| | |
|--|-----------|
| WARNINGS..... | 6 |
| SAFETY INSTRUCTIONS | 6 |
| LIFTGATE TERMINOLOGY | 9 |
| PERIODIC MAINTENANCE..... | 10 |
| PERIODIC MAINTENANCE CHECKS | 10 |
| PERIODIC MAINTENANCE CHECKLIST | 11 |
| CHECKING HYDRAULIC FLUID - HALDEX PUMP ONLY | 14 |
| CHANGING HYDRAULIC FLUID - HALDEX PUMP ONLY..... | 16 |
| CHECKING HYDRAULIC FLUID - BUCHER PUMP ONLY | 18 |
| CHANGING HYDRAULIC FLUID - BUCHER PUMP ONLY | 20 |
| PLATFORM ADJUSTMENT | 22 |
| PARTS BREAKDOWN | 24 |
| MAIN ASSEMBLY (58" SLIDE RAILS) | 24 |
| MAIN ASSEMBLY (64" SLIDE RAILS) | 26 |
| RAIL FRAME ASSEMBLY (58" SLIDE RAILS)..... | 28 |
| RAIL FRAME ASSEMBLY (64" SLIDE RAILS)..... | 30 |
| SLIDE ASSEMBLY (58" SLIDE RAILS)..... | 32 |
| SLIDE ASSEMBLY (64" SLIDE RAILS) | 36 |
| SLIDE LOCK ASSEMBLY | 40 |
| PLATFORM & FLIPOVER ASSEMBLY (FIXED RAMP)..... | 41 |
| PLATFORM & FLIPOVER ASSEMBLY (SINGLE CART STOP) | 42 |
| PLATFORM & FLIPOVER ASSEMBLY (DUAL CART STOP)..... | 43 |
| PLATFORM & FLIPOVER ASSEMBLY (SINGLE RETENTION RAMP) | 44 |
| PLATFORM & FLIPOVER ASSEMBLY (DUAL RETENTION RAMPS)..... | 45 |
| PLATFORM & FLIPOVER ASSEMBLY (DUAL RETENTION RAMPS, 29" ALUMINUM HEEL)..... | 46 |
| PLATFORM ASSEMBLY WITH SINGLE TORSION BAR | 48 |

| | |
|--|-----------|
| PLATFORM ASSEMBLY WITH DUAL TORSION BAR | 50 |
| ALUMINUM PLATFORM ASSEMBLY WITH DUAL TORSION BARS | 52 |
| FLIPOVER WITH FIXED RAMP | 54 |
| FLIPOVER WITH SINGLE CART STOP | 56 |
| FLIPOVER WITH DUAL CART STOPS | 58 |
| FLIPOVER WITH SINGLE RETENTION RAMP | 60 |
| FLIPOVER WITH DUAL RETENTION RAMPS | 62 |
| FLIPOVER WITH DUAL RETENTION RAMPS (85-3/8" LONG) | 64 |
| PUMP BOX ASSEMBLY - HALDEX PUMP ONLY | 66 |
| PUMP BOX ASSEMBLY - BUCHER PUMP ONLY | 68 |
| HYDRAULIC COMPONENTS | 70 |
| ELECTRICAL COMPONENTS (SMART STOW) | 74 |
| ELECTRICAL COMPONENTS (WITHOUT CONTROLLER) | 76 |
| 12 VDC POWER UNIT - HALDEX PUMP ONLY | 78 |
| 12 VDC POWER UNIT - BUCHER PUMP ONLY | 80 |
| OPTIONAL BATTERY BOX ASSEMBLY | 82 |
| OPTIONAL BATTERY BOX | 84 |
| DECALS (WITH SMART STOW) | 86 |
| DECALS (WITHOUT CONTROLLER) | 88 |
| SYSTEM DIAGRAMS | 92 |
| PUMP & MOTOR SOLENOID OPERATION - HALDEX PUMP ONLY | 92 |
| PUMP & MOTOR SOLENOID OPERATION - BUCHER PUMP ONLY | 93 |
| HYDRAULIC SCHEMATIC - HALDEX PUMP ONLY | 94 |
| HYDRAULIC SCHEMATIC - BUCHER PUMP ONLY | 95 |
| ELECTRICAL SCHEMATIC (SMART STOW) | 96 |
| ELECTRICAL SCHEMATIC (WITHOUT CONTROLLER) | 97 |
| TROUBLESHOOTING | 98 |

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.

MAXON[®]

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

- 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

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

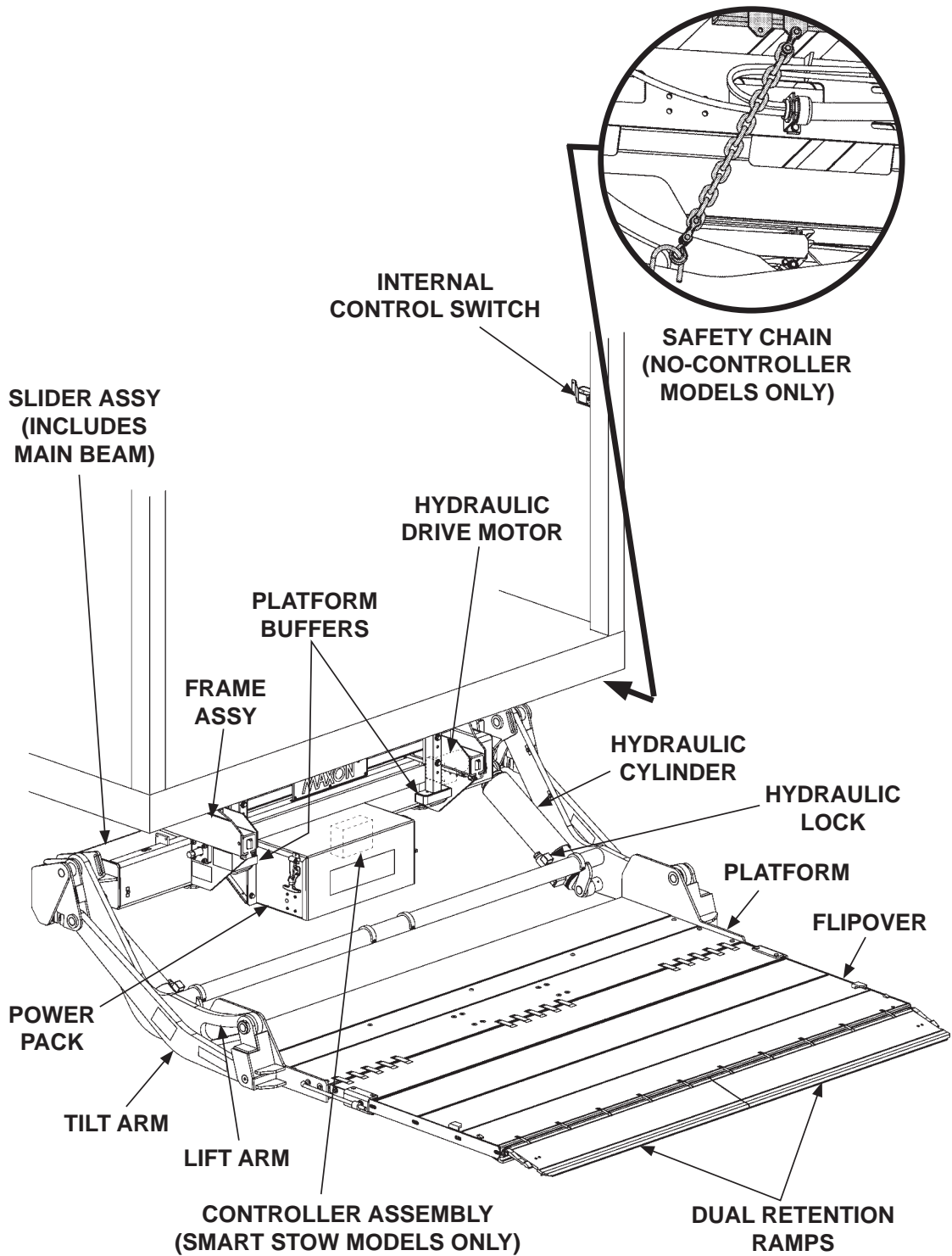
Email: Ask your Customer Service representative

THIS PAGE INTENTIONALLY LEFT BLANK

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

LIFTGATE TERMINOLOGY



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.

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.

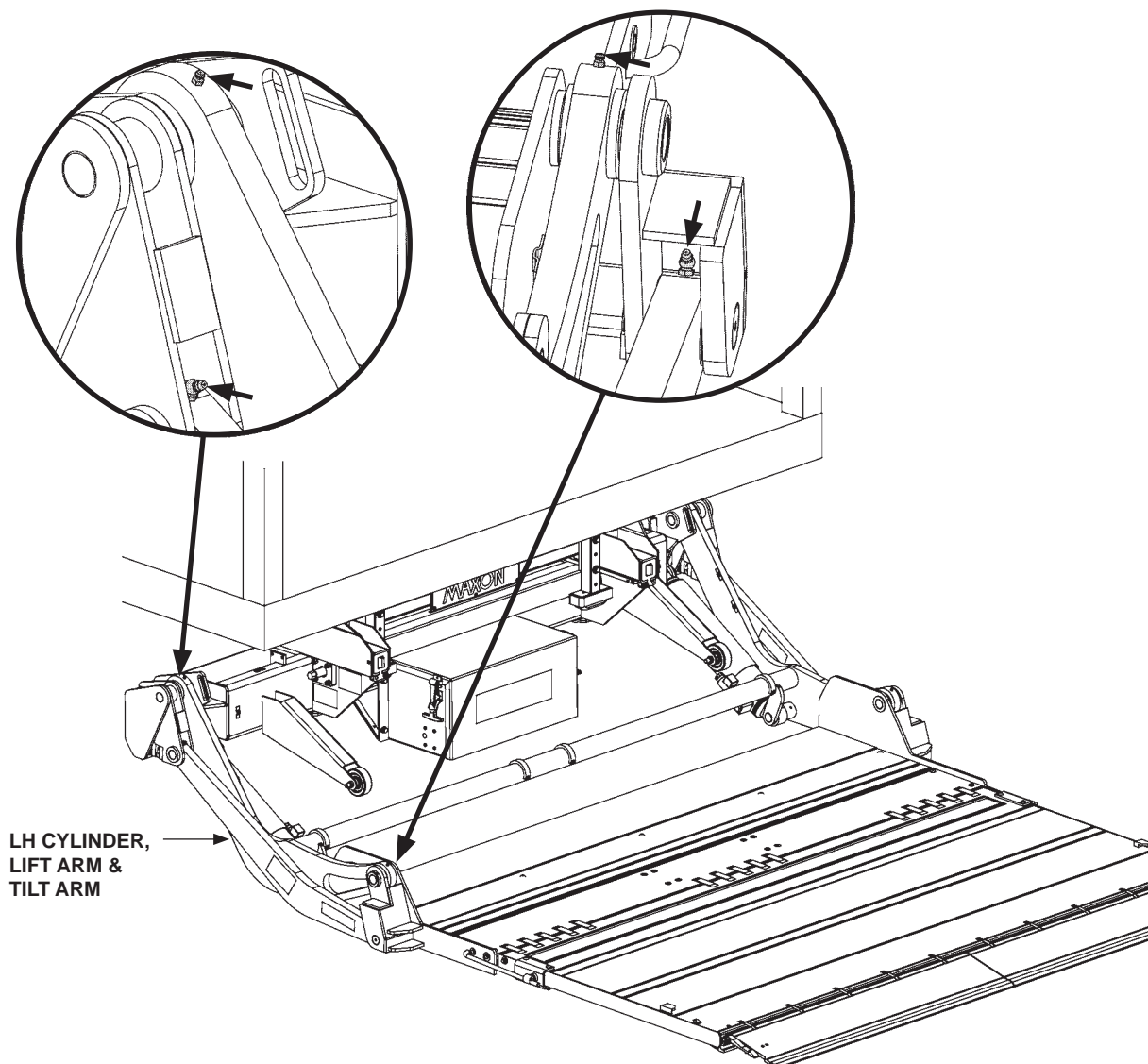
Semi-annually or 2500 Cycles (whichever occurs first)

- ☐ 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. 12-1**) 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. 12-1**

THIS PAGE INTENTIONALLY LEFT BLANK

PERIODIC MAINTENANCE

CHECKING HYDRAULIC FLUID - HALDEX PUMP ONLY

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 15-1 & 15-2** for recommended brands.

1. Unstow and lower Liftgate to ground.
2. Unlatch and open pump cover (**FIG. 14-1**).
3. Check the hydraulic fluid level in reservoir as follows. With Liftgate on ground, level should be as shown in **FIG. 14-2**.

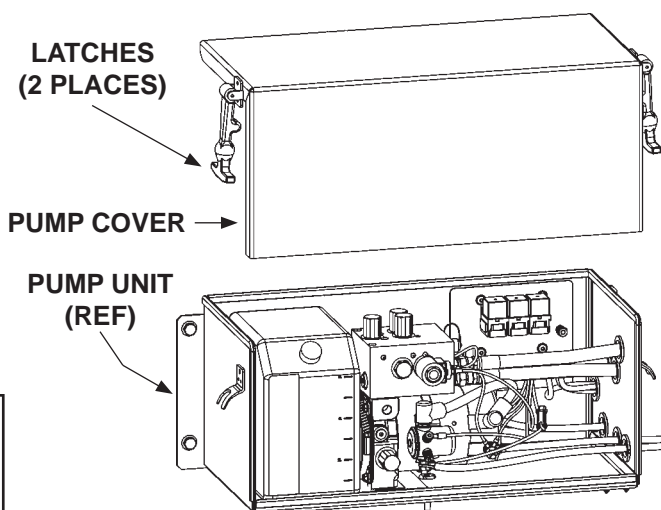
NOTE: If the hydraulic fluid in the reservoir is contaminated, do the **CHANGING HYDRAULIC FLUID** procedure in this section.

4. If needed, add fluid to the reservoir as follows. Pull out (no threads) filler cap (**FIG. 14-2**). Fill the reservoir with hydraulic fluid up to 6L mark (**FIG. 14-2**). Reinstall filler cap (**FIG. 14-2**).

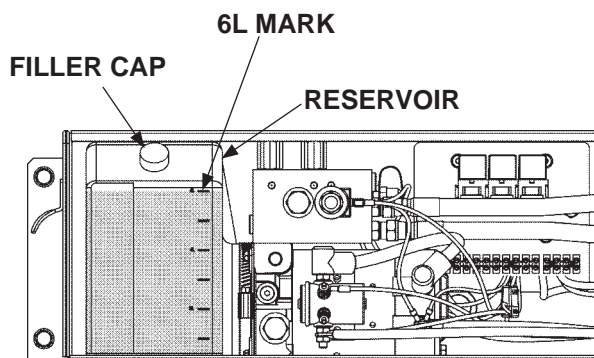
CAUTION

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. 14-1**.



UNLATCH/LATCH PUMP COVER
FIG. 14-1



POWER UNIT FLUID LEVEL
FIG. 14-2

| 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 15-1

| 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 15-2

PERIODIC MAINTENANCE CHANGING HYDRAULIC FLUID - HALDEX PUMP ONLY

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

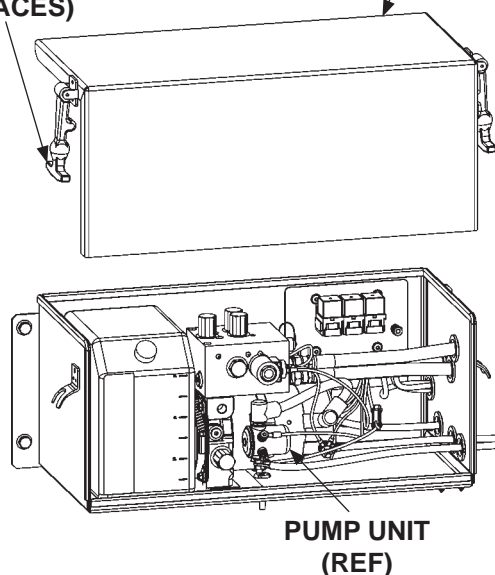
See **TABLES 15-1 & 15-2** for recommended brands.

1. Unstow and lower Liftgate to ground.

LATCHES
(2 PLACES)

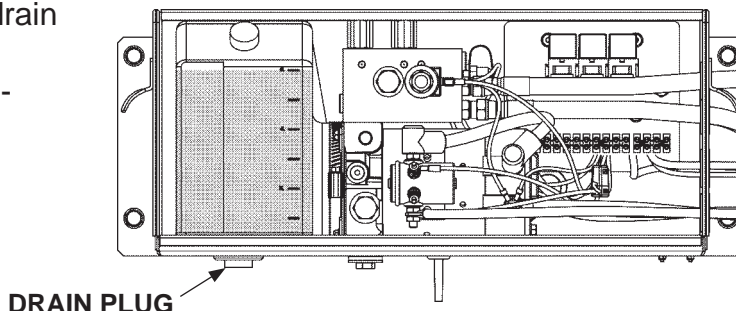
PUMP COVER

2. Unlatch and open the pump cover
(FIG. 16-1).



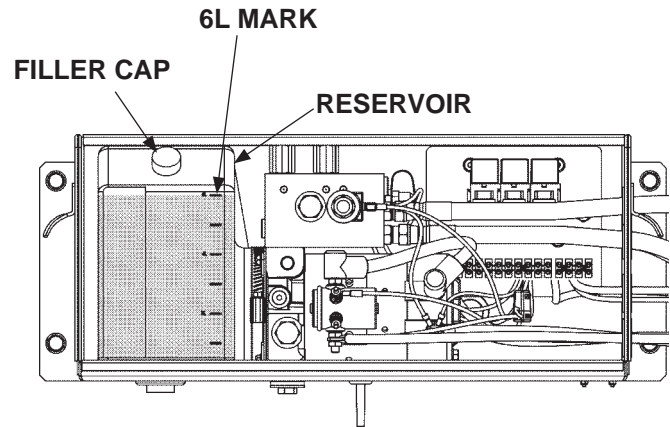
**UNLATCH PUMP COVER
FIG. 16-1**

3. Place empty 5 gallon bucket under drain plug (FIG. 16-2). Remove drain plug (FIG. 16-2). Drain hydraulic fluid. Re-install drain plug (FIG. 16-2).



**POWER UNIT
FIG. 16-2**

4. Pull out (no threads) filler cap (**FIG. 17-1**). Add 1 gallon of hydraulic fluid to reservoir. Hydraulic fluid should be up to 6L mark (**FIG. 17-1**). Reinstall filler cap (**FIG. 17-1**).



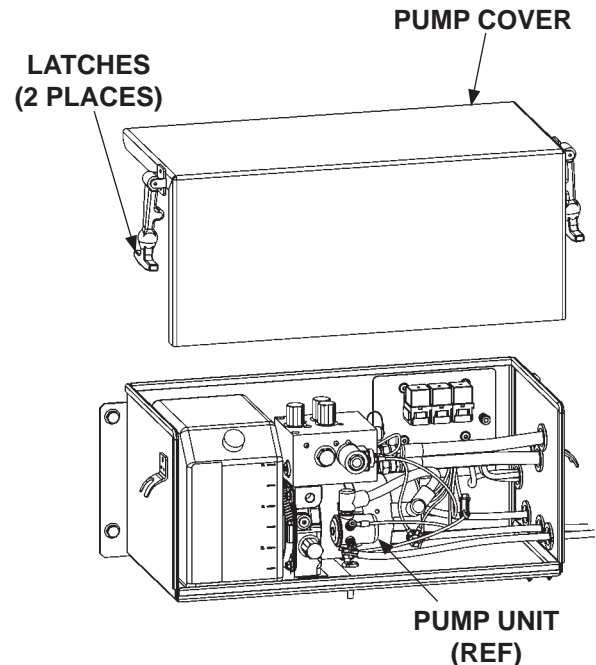
POWER UNIT
FIG. 17-1

5. Stow the lift and do the **CHECKING HYDRAULIC FLUID** procedure in this section of the manual.

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. 17-2**.



UNLATCH PUMP COVER
FIG. 17-2

PERIODIC MAINTENANCE CHECKING HYDRAULIC FLUID - BUCHER PUMP ONLY

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 19-1 & 19-2** for recommended brands.

1. Unstow and lower Liftgate to ground.
2. Unlatch and open pump cover (**FIG. 18-1**).
3. Check the hydraulic fluid level in reservoir as follows. With Liftgate on ground, level should be as shown in **FIG. 18-2**.

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

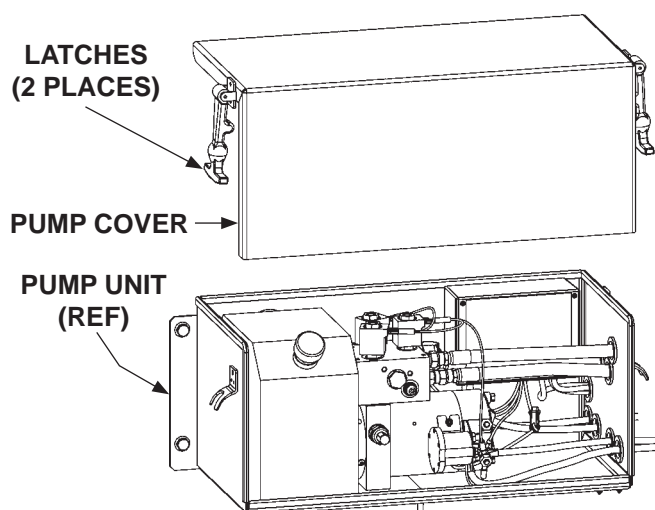
CAUTION

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

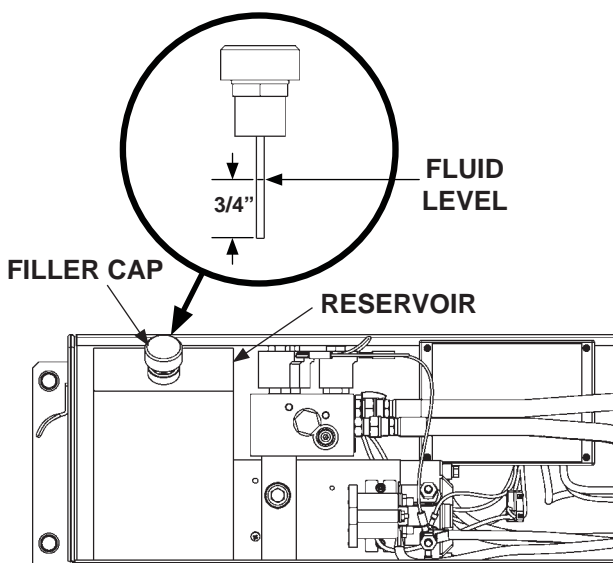
4. If needed, add hydraulic fluid to the reservoir as follows. Remove filler cap (**FIG. 18-2**). Fill the reservoir with hydraulic fluid to 3/4" above bottom of dipstick (**FIG. 18-2**). Reinstall filler cap (**FIG. 18-2**).

CAUTION

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



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



**POWER UNIT FLUID LEVEL
FIG. 18-2**

5. Close and latch the pump cover as shown in **FIG. 18-1**.

| 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 19-1

| 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 19-2

PERIODIC MAINTENANCE

CHANGING HYDRAULIC FLUID - BUCHER PUMP ONLY

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.

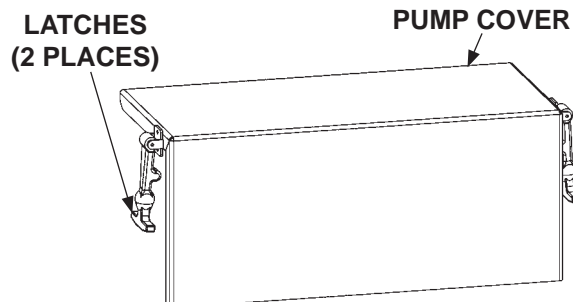
NOTE: Use correct grade of hydraulic fluid for your location.

+50 to +120 Degrees F - Grade ISO 32

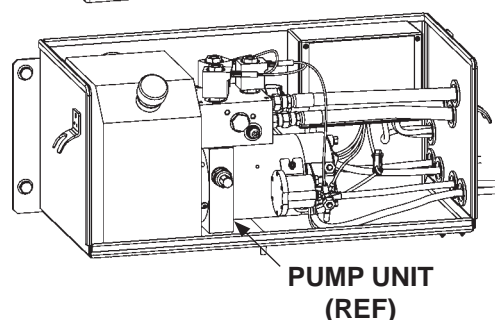
Below +70 Degrees F - Grade ISO 15 or MIL-H-5606

See **TABLES 19-1 & 19-2** for recommended brands.

1. Unstow and lower Liftgate to ground.

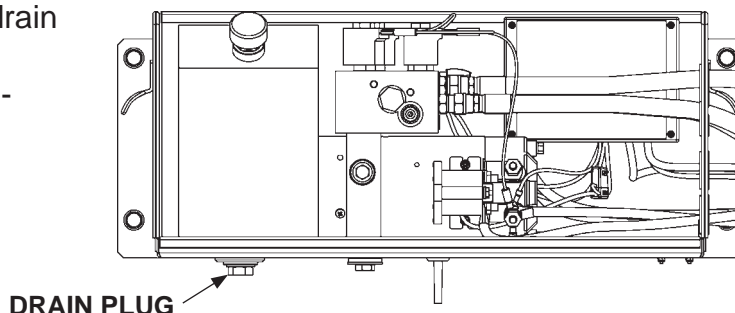


2. Unlatch and open the pump cover (**FIG. 20-1**).



UNLATCH PUMP COVER
FIG. 20-1

3. Place empty 5 gallon bucket under drain plug (**FIG. 20-2**). Remove drain plug (**FIG. 20-2**). Drain hydraulic fluid. Re-install drain plug (**FIG. 20-2**).

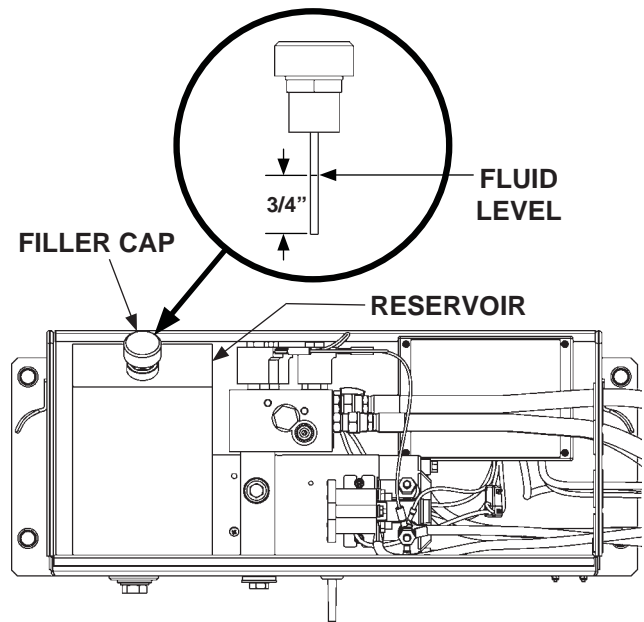


POWER UNIT
FIG. 20-2

CAUTION

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

4. Remove filler cap (**FIG. 21-1**). Add 1 gallon of hydraulic fluid to the reservoir. Hydraulic fluid level should be 3/4" above bottom of dipstick (**FIG. 21-1**). Reinstall filler cap (**FIG. 21-1**).
5. Stow the lift and do the **CHECKING HYDRAULIC FLUID** procedure in this section of the manual.

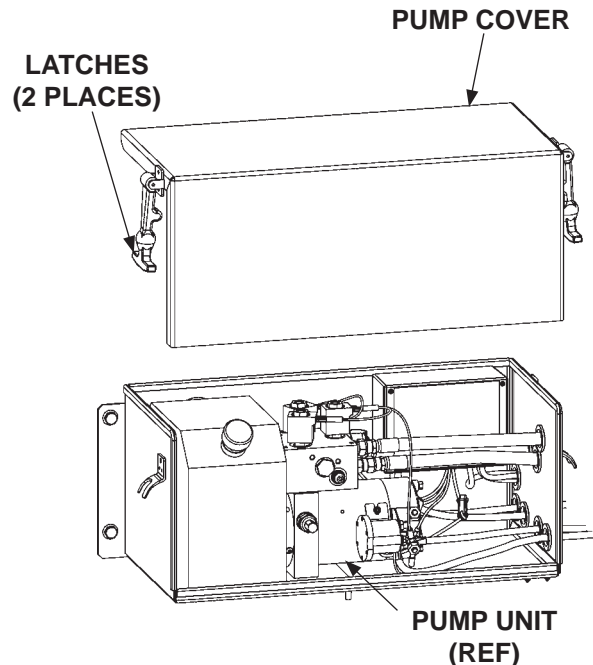


POWER UNIT
FIG. 21-1

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. 21-2**.

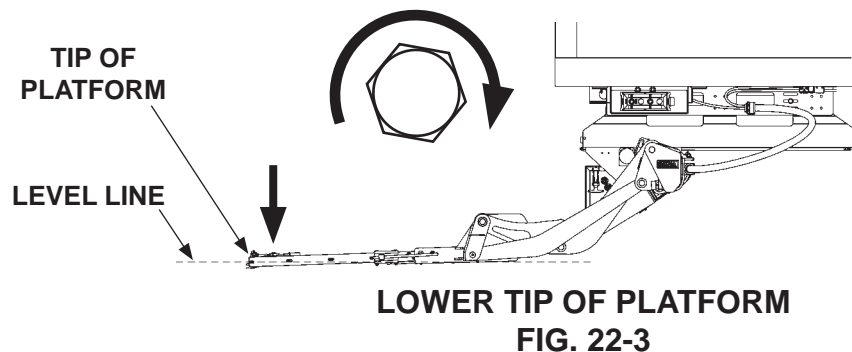
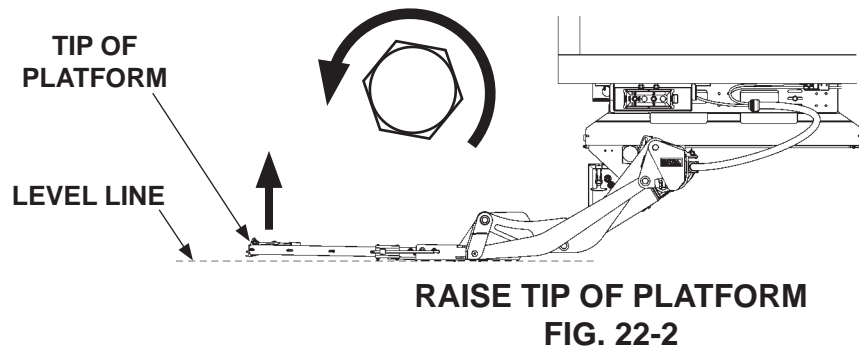
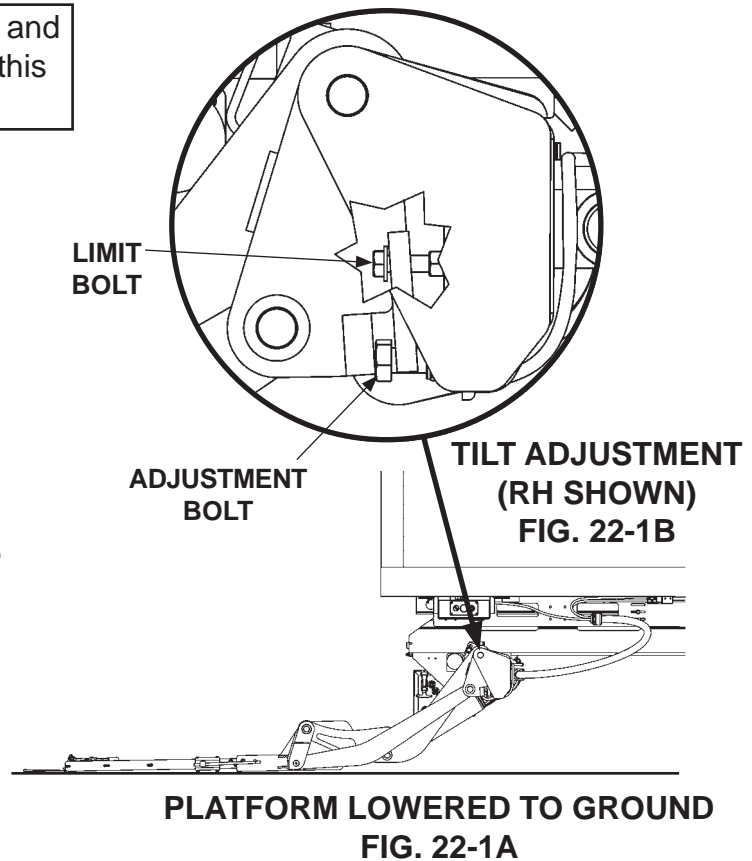


UNLATCH PUMP COVER
FIG. 21-2

PLATFORM ADJUSTMENT

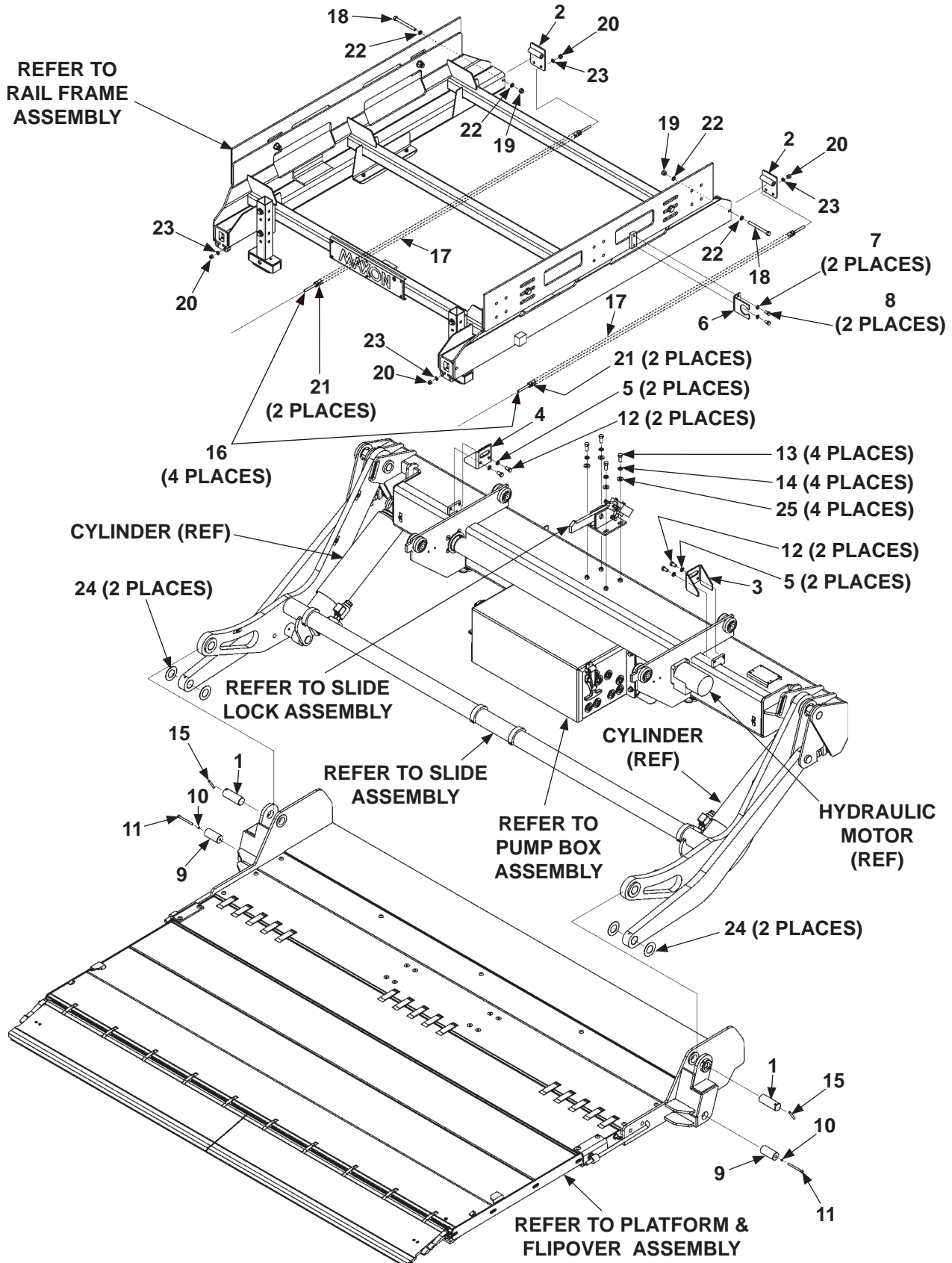
NOTE: Park vehicle on level ground and unload vehicle before doing this procedure.

1. Lower platform to ground and unfold flipover (**FIG. 22-1A**).
2. Loosen adjustment and limit bolts on both sides of platform (**FIG. 22-1B**).
3. Turn adjustment bolts counterclockwise to tilt the tip of platform up (**FIG. 22-2**), or turn clockwise to tilt down (**FIG. 22-3**).
4. Once platform is adjusted, tighten limit bolts securely on both sides of platform (**FIG. 22-1B**).



THIS PAGE INTENTIONALLY LEFT BLANK

PARTS BREAKDOWN **MAIN ASSEMBLY (58" SLIDE RAILS)**



MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| 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 |
| 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 | 4 | 908078-02 | THRUST BEARING, 1-1/4" |
| 25 | 4 | 902001-2 | FLAT WASHER, 3/8" |

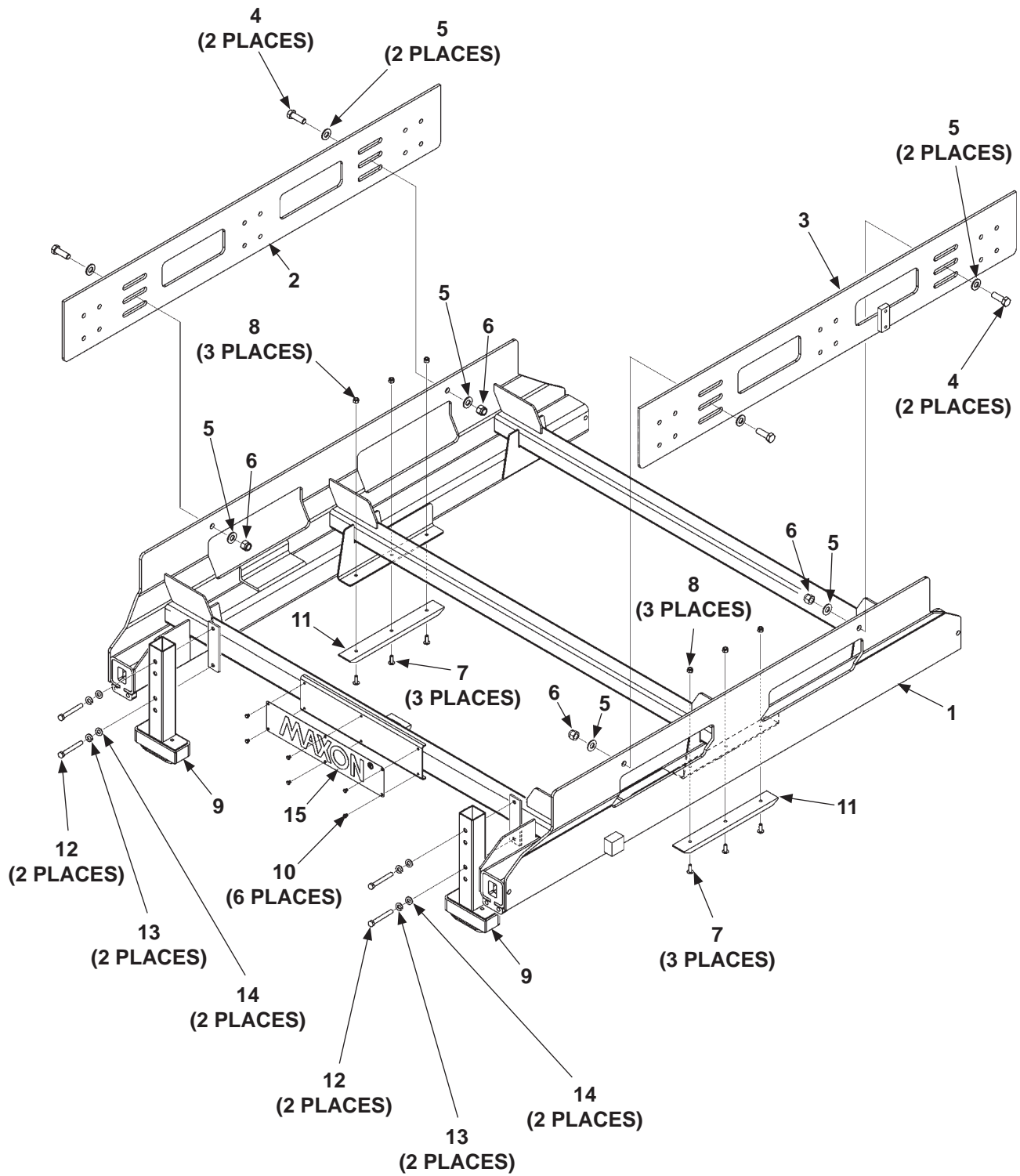
MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



| 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" |
| 12 | 2 | 900033-10 | CAP SCREW, 1/2"-20 X 3-1/2", GRADE 8 |
| 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 | 268262-09 | CHAIN, ANSI #50, 90 LINKS |
| 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 | 4 | 908078-02 | THRUST BEARING, 1-1/4" |
| 25 | 4 | 902001-2 | FLAT WASHER, 3/8" |
| 26 | 2 | 901008 | NYLON NUT, 1/2"-20 |

RAIL FRAME ASSEMBLY (58" SLIDE RAILS)



MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

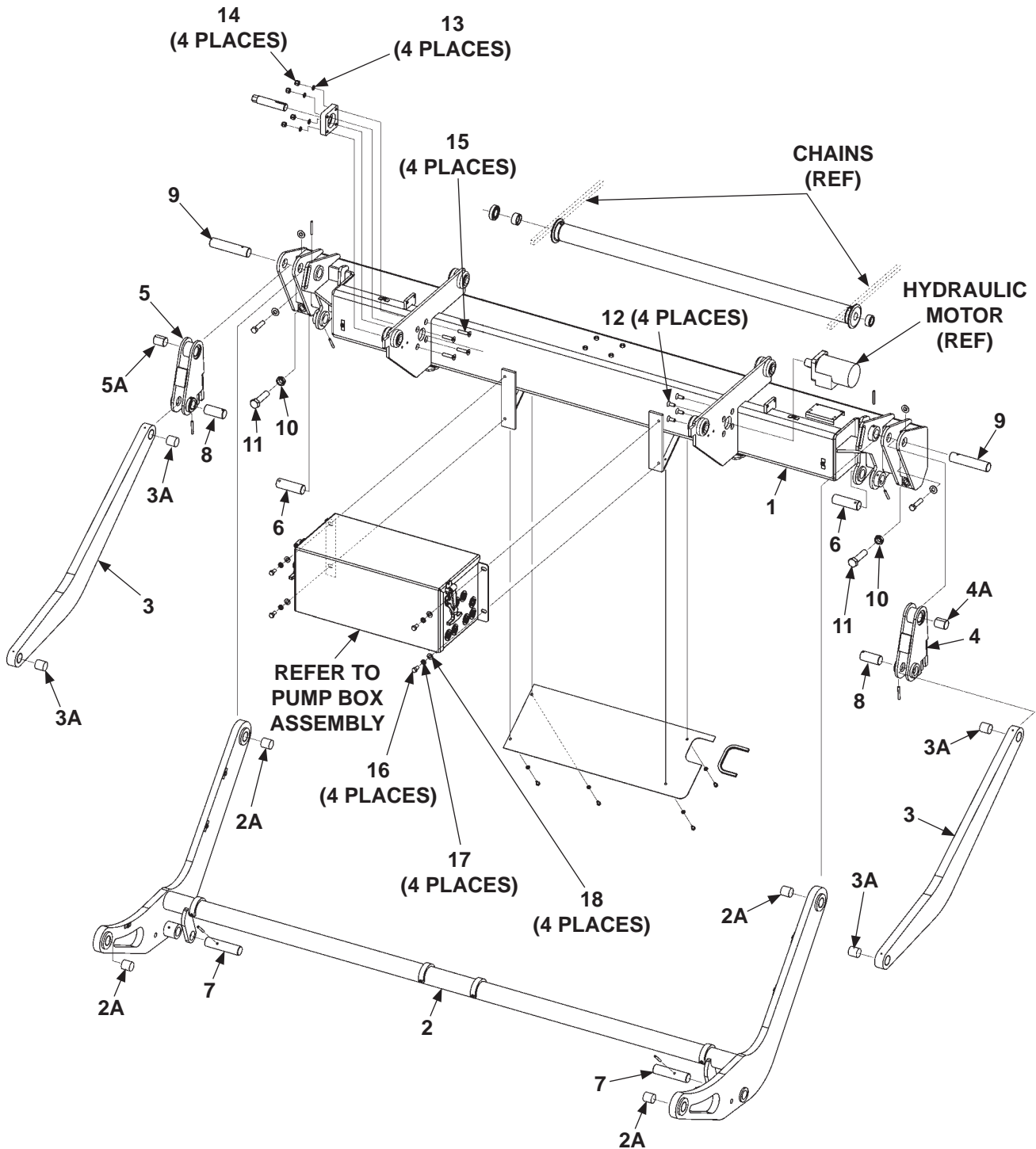
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--------------------------------------|
| 1 | 1 | 268490-01 | RAIL FRAME WELDMENT |
| 2 | 1 | 268477-01 | FRAME MOUNT PLATE, LH |
| 3 | 1 | 268518-01 | FRAME MOUNT PLATE, RH |
| 4 | 4 | 900035-3 | CAP SCREW, 1/2"-13 X 1-1/2" LG. |
| 5 | 8 | 903443-10 | WASHER, 1/2" |
| 6 | 4 | 901010 | LOCK NUT, 1/2"-13 |
| 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 |
| 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 |

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--------------------------------------|
| 1 | 1 | 268490-01 | RAIL FRAME WELDMENT |
| 2 | 1 | 268477-01 | FRAME MOUNT PLATE, LH |
| 3 | 1 | 268518-01 | FRAME MOUNT PLATE, RH |
| 4 | 4 | 900035-3 | CAP SCREW, 1/2"-13 X 1-1/2" LG. |
| 5 | 8 | 903443-10 | WASHER, 1/2" |
| 6 | 4 | 901010 | LOCK NUT, 1/2"-13 |
| 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 |
| 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 | 283527-01 | MECHANICAL LATCH PLATE |

SLIDE ASSEMBLY (58" SLIDE RAILS)



MAXON®

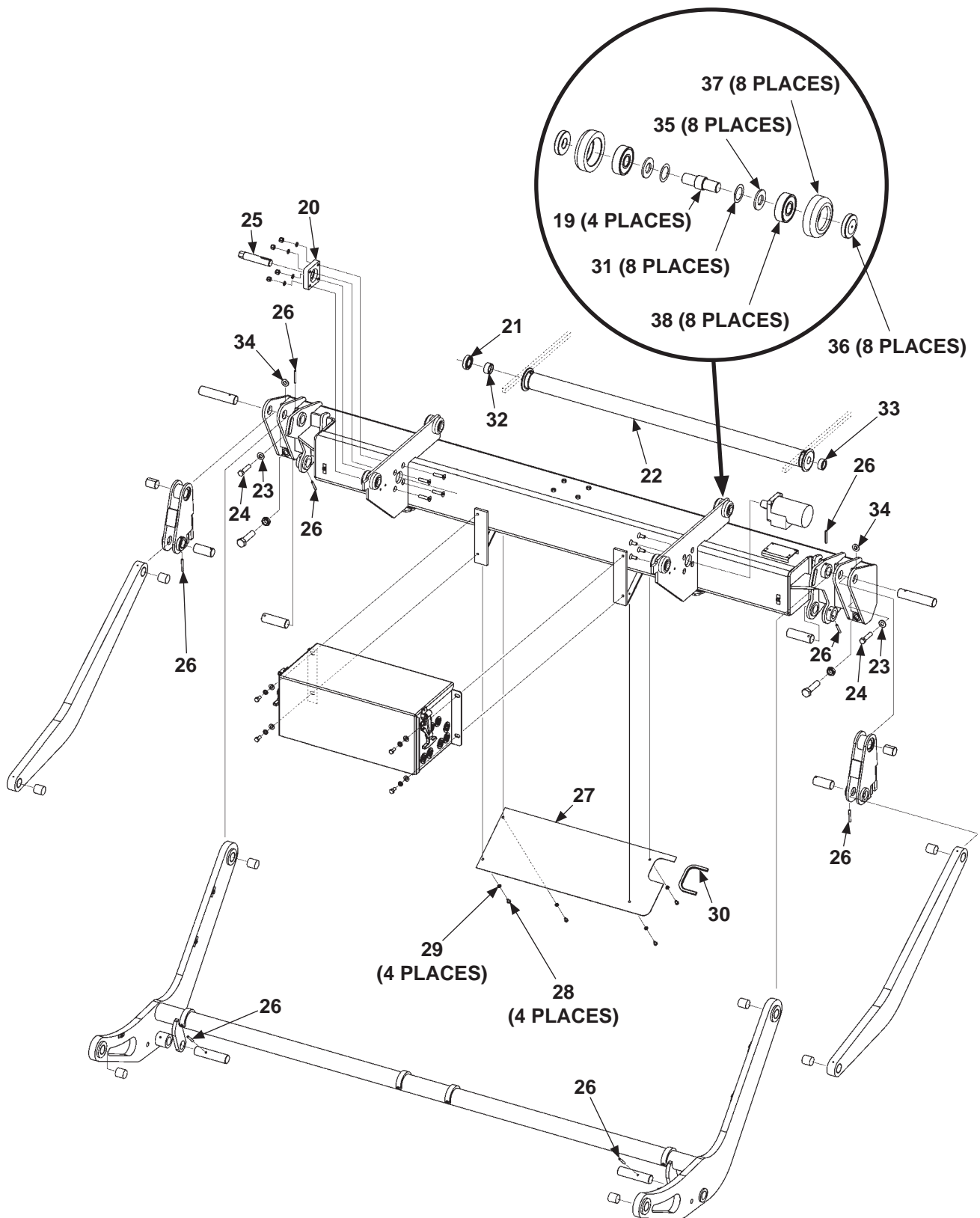
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|------------|---|
| 1 | 1 | RSM0007 | BEAM ASSEMBLY |
| 2 | 1 | RSM0005 | LIFT ARM ASSEMBLY |
| 2A | 4 | 908046-04 | SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/2" LG. |
| 3 | 2 | RSM0006 | TILT ARM |
| 3A | 2 | 908046-03 | SELF LUBE BEARING, 1-1/4" X 1-3/8" X 1-1/4" LG. |
| 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 ARM 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 (58" SLIDE RAILS) - Continued

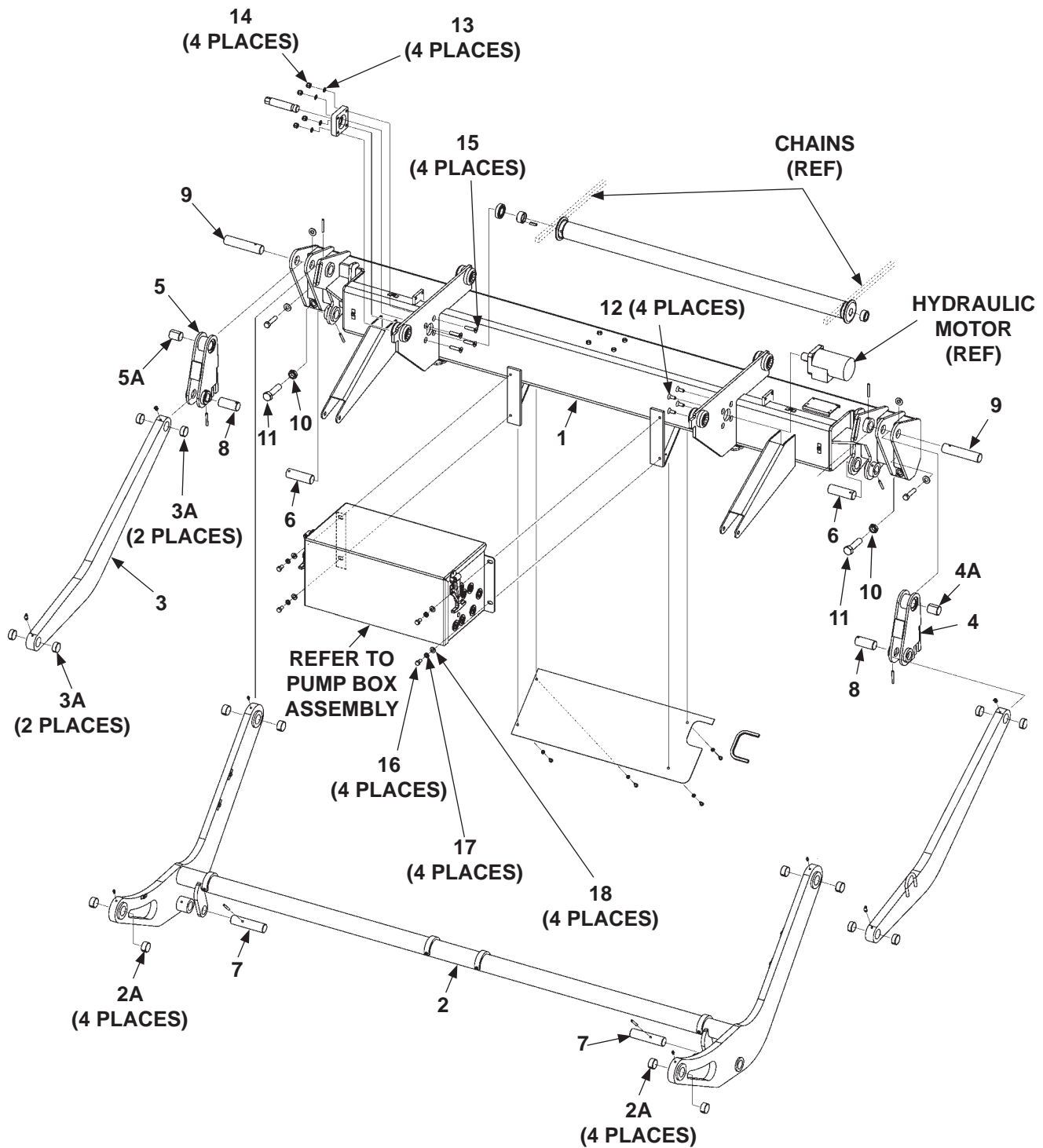
MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|------------------------------------|
| 19 | 4 | 268486-01 | 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 | 267592-03 | WAVE WASHER, 3/4" |
| 32 | 1 | 268561-02 | SPOCKET ALGIN BUSHING, LH |
| 33 | 1 | 268561-01 | SPOCKET ALGIN BUSHING, RH |
| 34 | 2 | 908022-06 | PLUG |
| 35 | 8 | 902013-14 | FLAT WASHER, 9/16" |
| 36 | 8 | 268557-01 | ROLLER INSERT |
| 37 | 8 | 202770 | HOUSING (BEARING) |
| 38 | 8 | 268558-01 | BALL BEARING, 15 X 42 X 13 mm |

SLIDE ASSEMBLY (64" SLIDE RAILS)



MAXON®

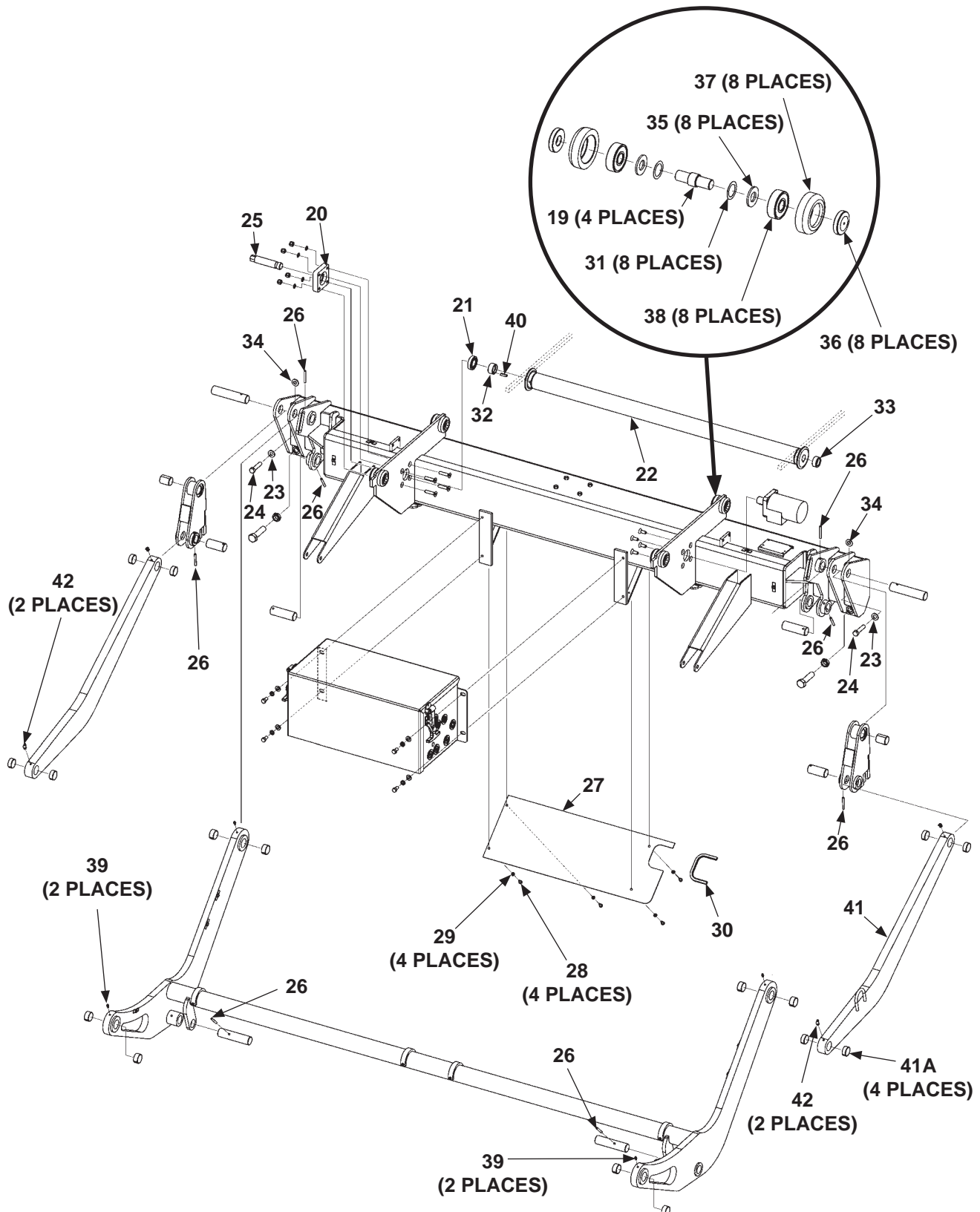
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| 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" |
| 3 | 1 | RSM0006 | TILT ARM |
| 3A | 4 | 908046-06 | SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16" |
| 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 ARM 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 (64" SLIDE RAILS) - Continued

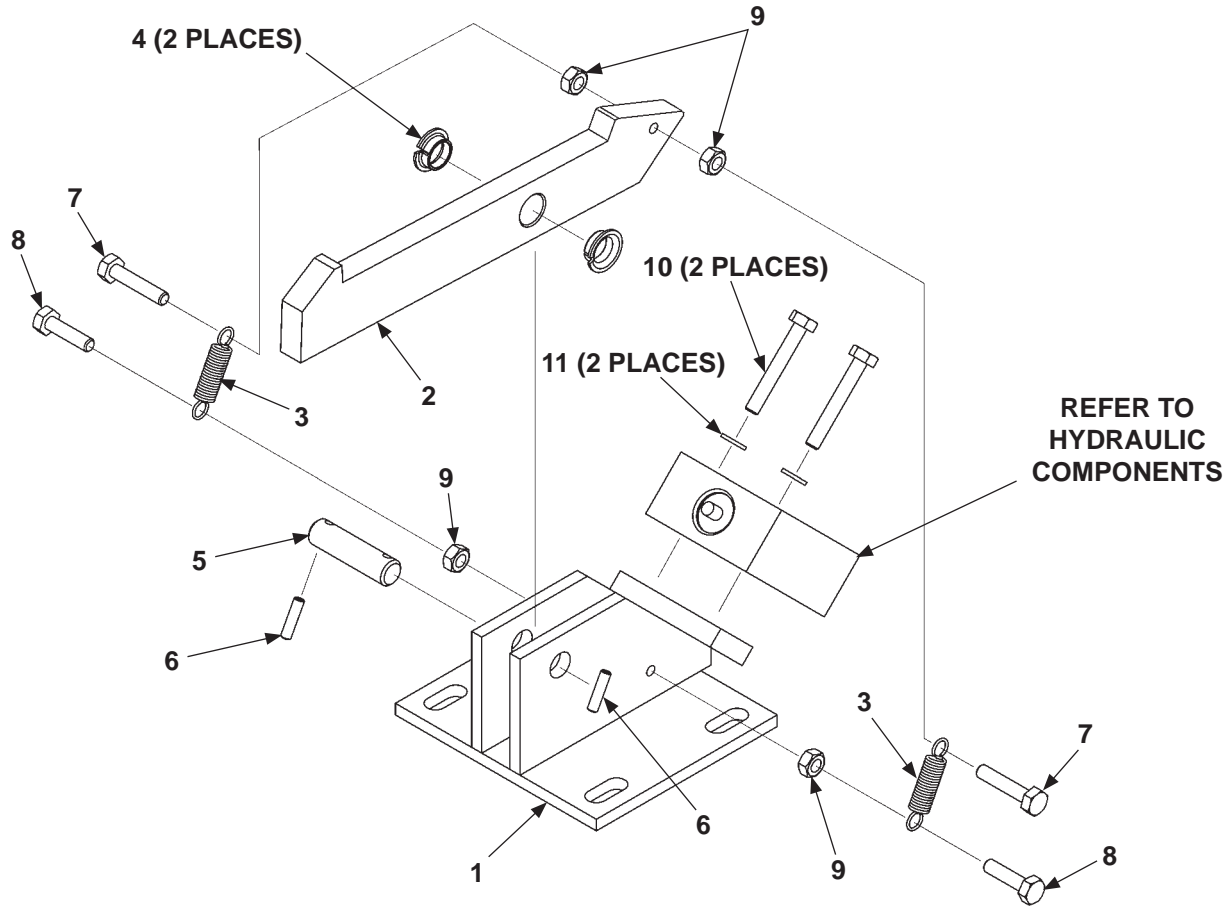
MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



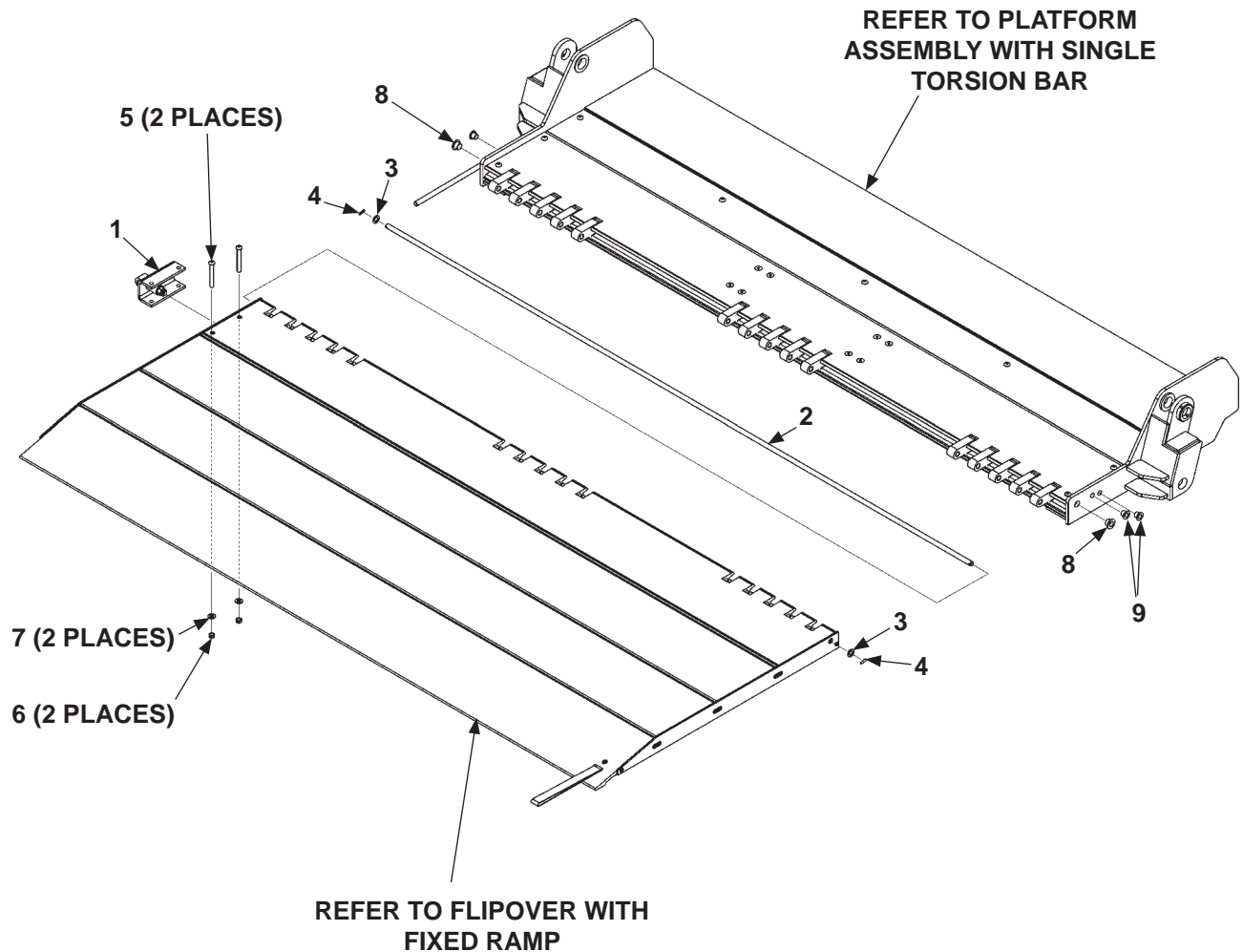
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|------------|--|
| 19 | 4 | 268486-01 | SHAFT |
| 20 | 1 | RSM0107 | BEARING HOUSING |
| 21 | 1 | 268265-01 | ROLLER BEARING |
| 22 | 1 | RSM0059 | SPROCKET ASSEMBLY |
| | | RSM0059G | SPROCKET ASSEMBLY, GALVANIZED |
| 23 | 2 | 902013-13 | FLAT 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 1/2" LG. |
| 29 | 4 | 902011-2 | LOCK WASHER, 1/4" |
| 30 | 1 | 093209-10 | EDGE TRIM |
| 31 | 8 | 267592-03 | WAVE WASHER, 3/4" |
| 32 | 1 | 268561-02 | SPOCKET ALGIN BUSHING, LH |
| 33 | 1 | 268561-01 | SPOCKET ALGIN BUSHING, RH |
| 34 | 2 | 908022-06 | PLUG |
| 35 | 8 | 902013-14 | FLAT WASHER, 9/16" |
| 36 | 8 | 268557-01 | ROLLER INSERT |
| 37 | 8 | 202770 | HOUSING (BEARING) |
| 38 | 8 | 268558-01 | BALL BEARING, 15 X 42 X 13 mm |
| 39 | 4 | NPI6 | GREASE NIPPLE, KNOCK IN |
| 40 | 1 | 285803-01 | BLOCK |
| 41 | 1 | 287137-01 | TILT ARM ASSEMBLY, WITH HOOK |
| | | 287137-01G | TILT ARM ASSEMBLY, WITH HOOK, GALVANIZED |
| 41A | 4 | 908046-06 | SELF LUBE BEARING, 1-1/4" X 1-3/8" X 9/16" |
| 42 | 4 | 906796-01 | LUBE FITTING, 45° |

SLIDE LOCK ASSEMBLY



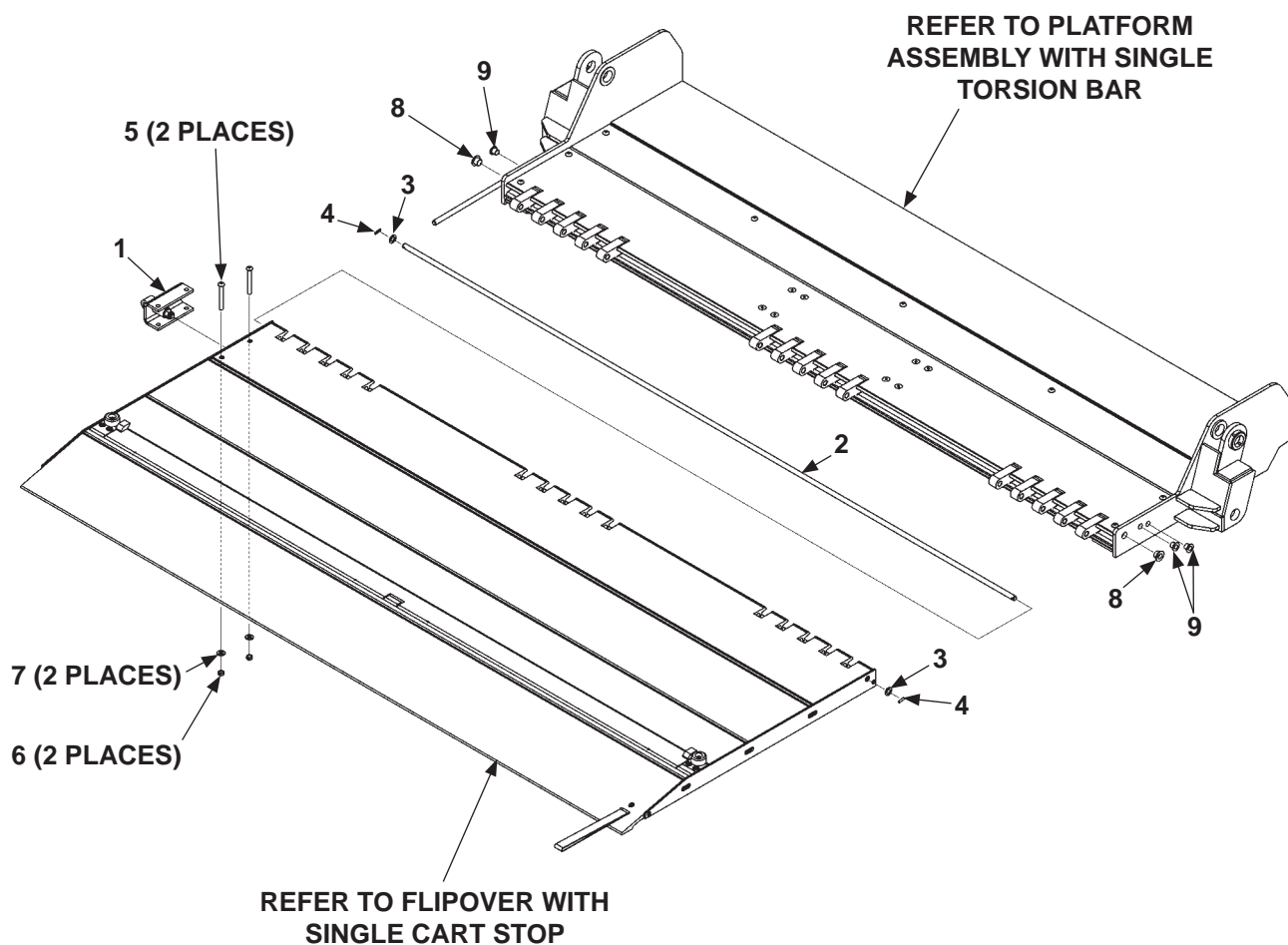
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|------------|--------------------------------------|
| REF | 1 | 268529-01 | SLIDE LOCK ASSEMBLY |
| | | 268529-01G | SLIDE LOCK ASSEMBLY, GALVANIZED |
| 1 | 1 | 268524-01 | SLIDE LOCK BASE WELDMENT |
| | | 268524-01G | SLIDE LOCK BASE WELDMENT, 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)



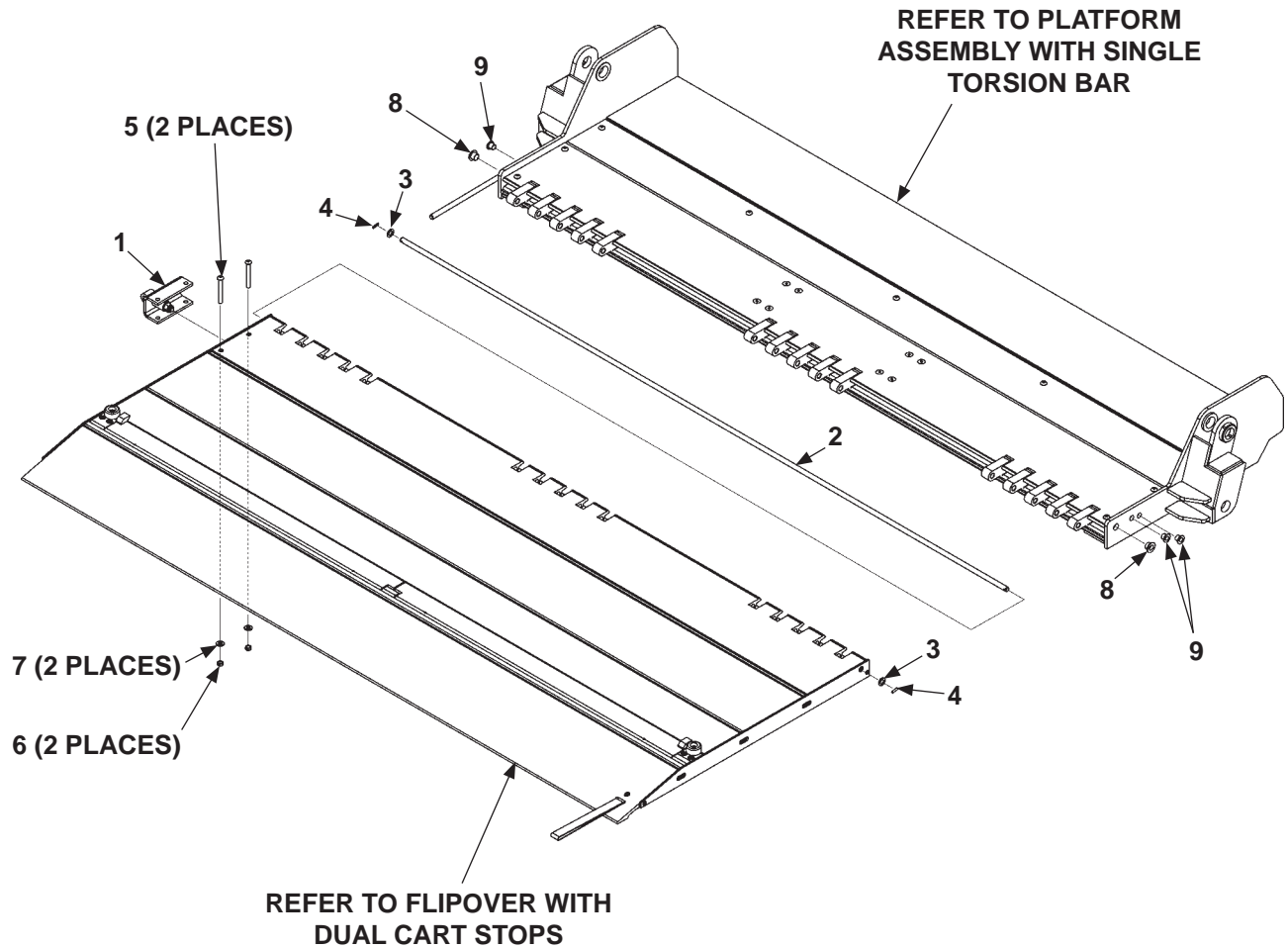
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|---|
| REF | 1 | 268505-09 | PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP |
| 1 | 1 | 268392-01 | TORSION BAR BRACKET |
| 2 | 1 | 263456-13 | HINGE ROD, 1/2" X 86-3/8" LG. |
| 3 | 2 | 902000-13 | FLAT WASHER, 1/2" |
| 4 | 2 | 905015-1 | 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 |

PLATFORM & FLIPOVER ASSEMBLY (SINGLE CART STOP)



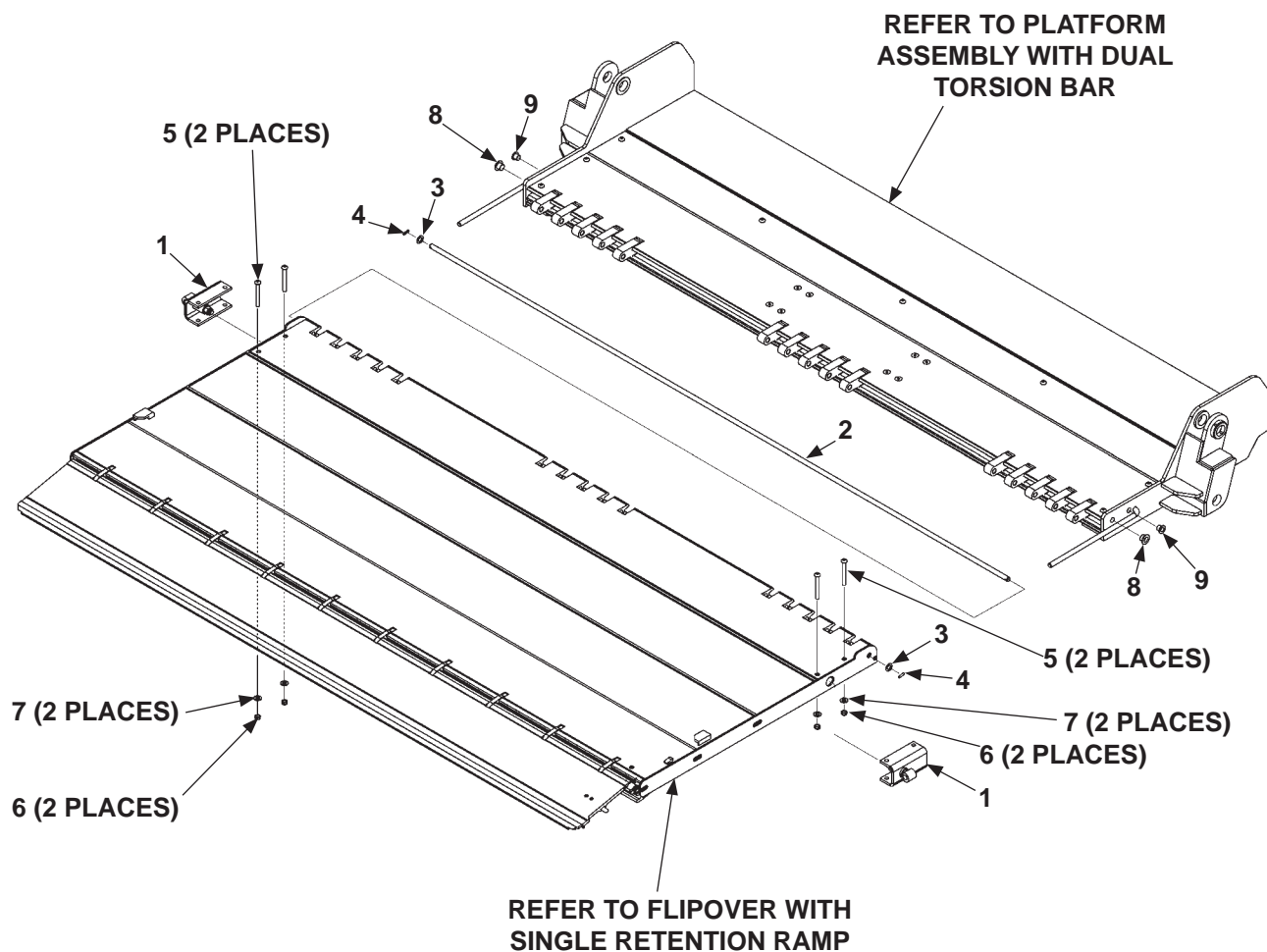
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--|
| REF | 1 | 268505-10 | PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & SINGLE CART STOP |
| 1 | 1 | 268392-01 | TORSION BAR BRACKET |
| 2 | 1 | 263456-13 | HINGE ROD, 1/2" X 86-3/8" LG. |
| 3 | 2 | 902000-13 | FLAT WASHER, 1/2" |
| 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 |

PLATFORM & FLIPOVER ASSEMBLY (DUAL CART STOP)



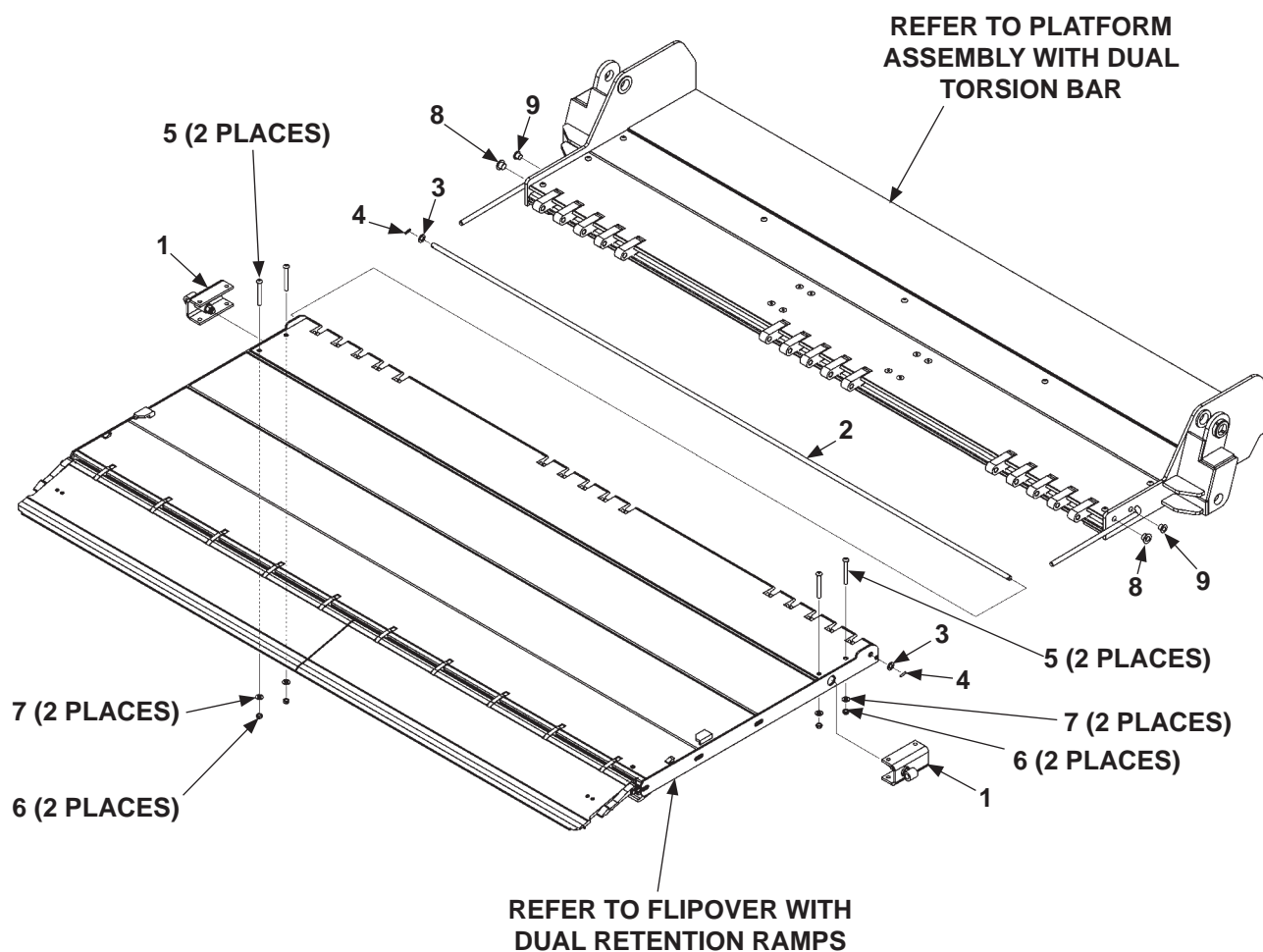
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|---|
| REF | 1 | 268505-11 | PLATFORM (& FLIPOVER) ASSEMBLY, WITH FIXED RAMP & DUAL CART STOPS |
| 1 | 1 | 268392-01 | TORSION BAR BRACKET |
| 2 | 1 | 263456-13 | HINGE ROD, 1/2" X 86-3/8" LG. |
| 3 | 2 | 902000-13 | FLAT WASHER, 1/2" |
| 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 |

PLATFORM & FLIPOVER ASSEMBLY (SINGLE RETENTION RAMP)



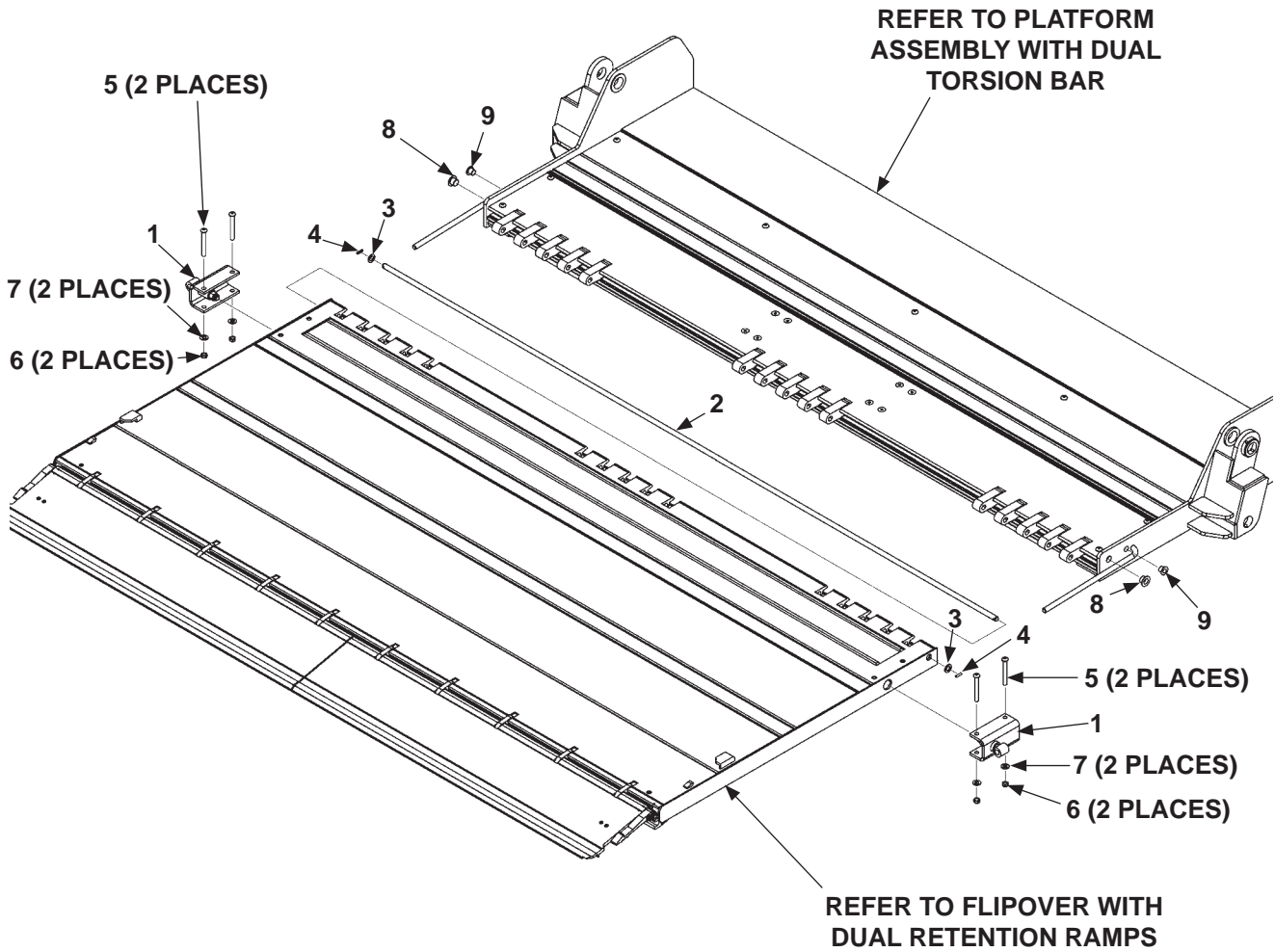
| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--|
| REF | 1 | 268505-08 | PLATFORM (& FLIPOVER) ASSEMBLY, WITH SINGLE RETENTION RAMP |
| 1 | 2 | 268392-01 | TORSION BAR BRACKET |
| 2 | 1 | 263456-13 | HINGE ROD, 1/2" X 86-3/8" LG. |
| 3 | 2 | 902000-13 | FLAT WASHER, 1/2" |
| 4 | 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 |

PLATFORM & FLIPOVER ASSEMBLY (DUAL RETENTION RAMPS)



| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--|
| REF | 1 | 268505-07 | PLATFORM (& FLIPOVER) ASSEMBLY, WITH DUAL RETENTION RAMP |
| 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 |

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



MAXON®

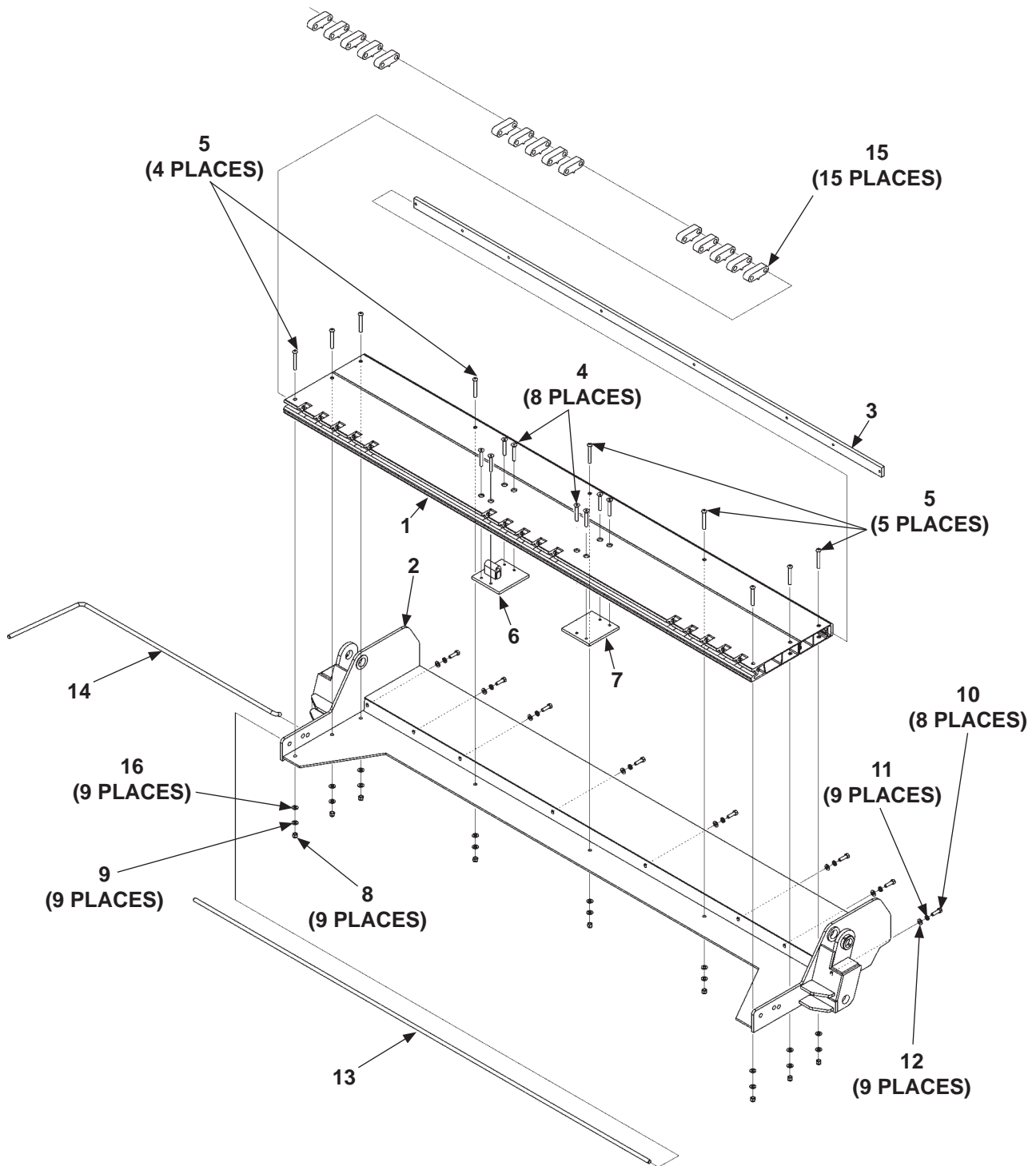
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| 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 |

PLATFORM ASSEMBLY WITH SINGLE TORSION BAR

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

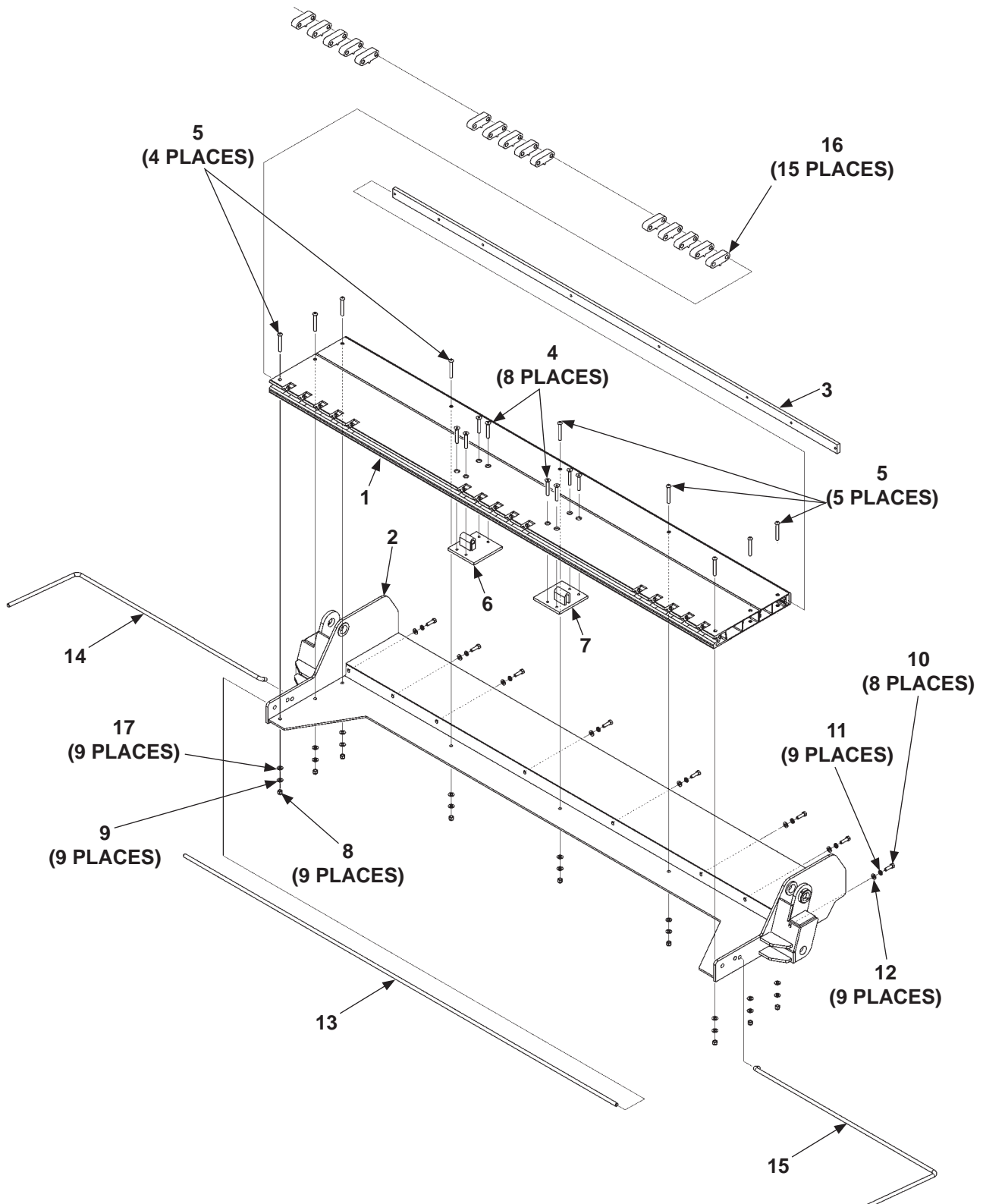


| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|---|
| REF | 1 | 268575-03 | PLATFORM ASSEMBLY |
| 1 | 1 | 268566-01 | PLANK WELDMENT, 25" HEEL |
| 2 | 1 | 268570-01 | PLATFORM WELDMENT, 25" HEEL |
| 3 | 1 | 268572-01 | TAPPING STRIP FLAT |
| 4 | 8 | 900040-10 | SOCKET SCREW, 3/8"-16 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" THK. |
| 10 | 8 | 900035-2 | CAP SCREW, 1/2"-13 X1-1/4" LG. |
| 11 | 8 | 902011-6 | LOCK WASHER, 1/2" |
| 12 | 8 | 902013-13 | FLAT WASHER, 1/2" |
| 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 BAR

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

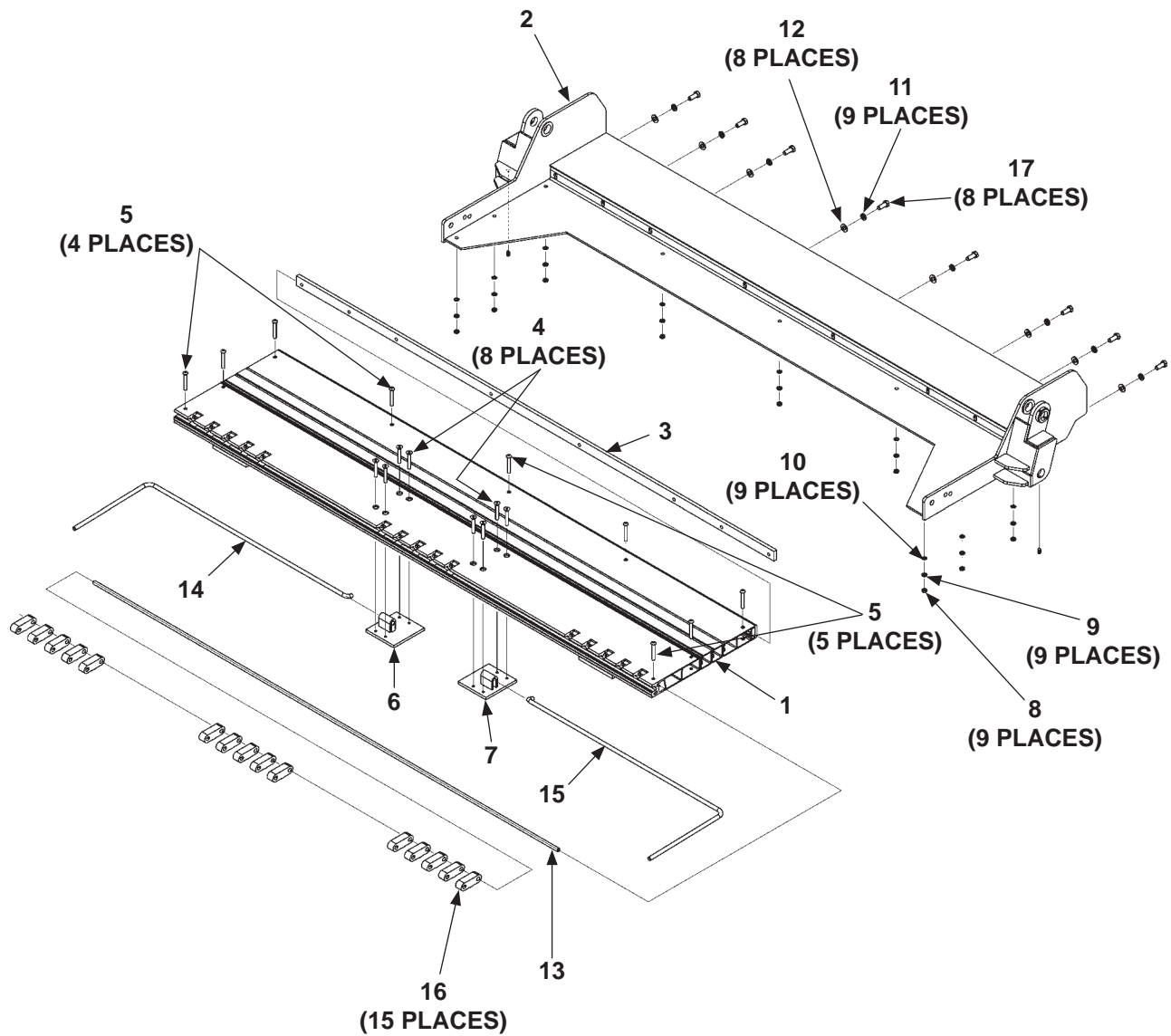


| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|--|
| REF | 1 | 268575-01 | PLATFORM ASSEMBLY |
| 1 | 1 | 268566-01 | PLANK WELDMENT, 25" HEEL |
| 2 | 1 | 268570-01 | PLATFORM WELDMENT, 25" HEEL |
| 3 | 1 | 268572-01 | TAPPING STRIP FLAT |
| 4 | 8 | 900040-10 | SOCKET SCREW, 3/8"-16 X 2-1/2" LG. |
| 5 | 9 | 900064-11 | BUTTONHEAD 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" THK. |
| 10 | 8 | 900035-2 | CAP SCREW, 1/2"-13 X1-1/4" LG. |
| 11 | 8 | 902011-6 | LOCK WASHER, 1/2" |
| 12 | 8 | 902013-13 | FLAT WASHER, 1/2" |
| 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

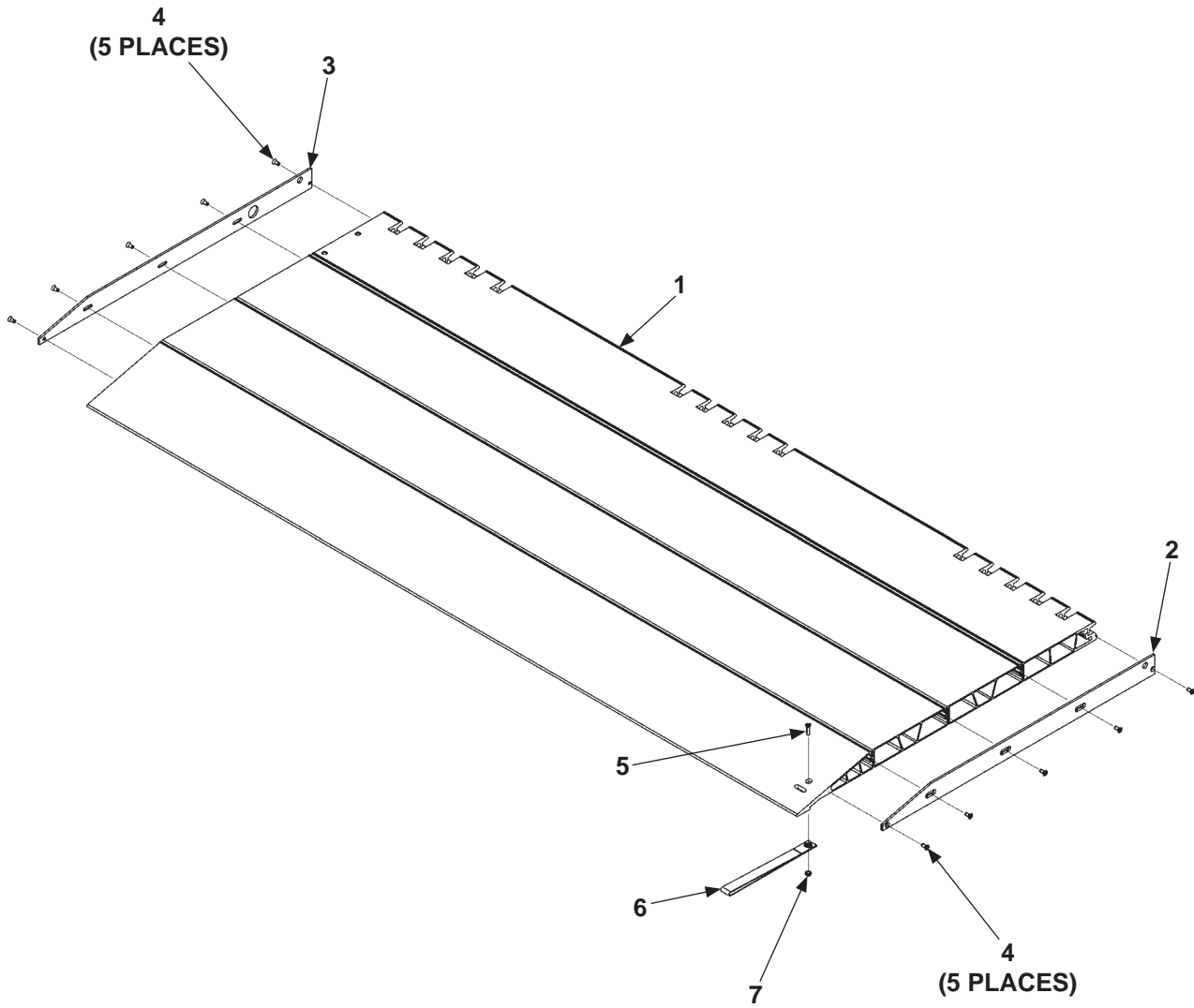
MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



| 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 | BUTTONHEAD 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 | 902011-6 | LOCK WASHER, 1/2" |
| 12 | 8 | 902013-13 | FLAT WASHER, 1/2" |
| 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 | 900035-2 | CAP SCREW, 1/2"-13 X1-1/4" LG. |

FLIPOVER WITH FIXED RAMP

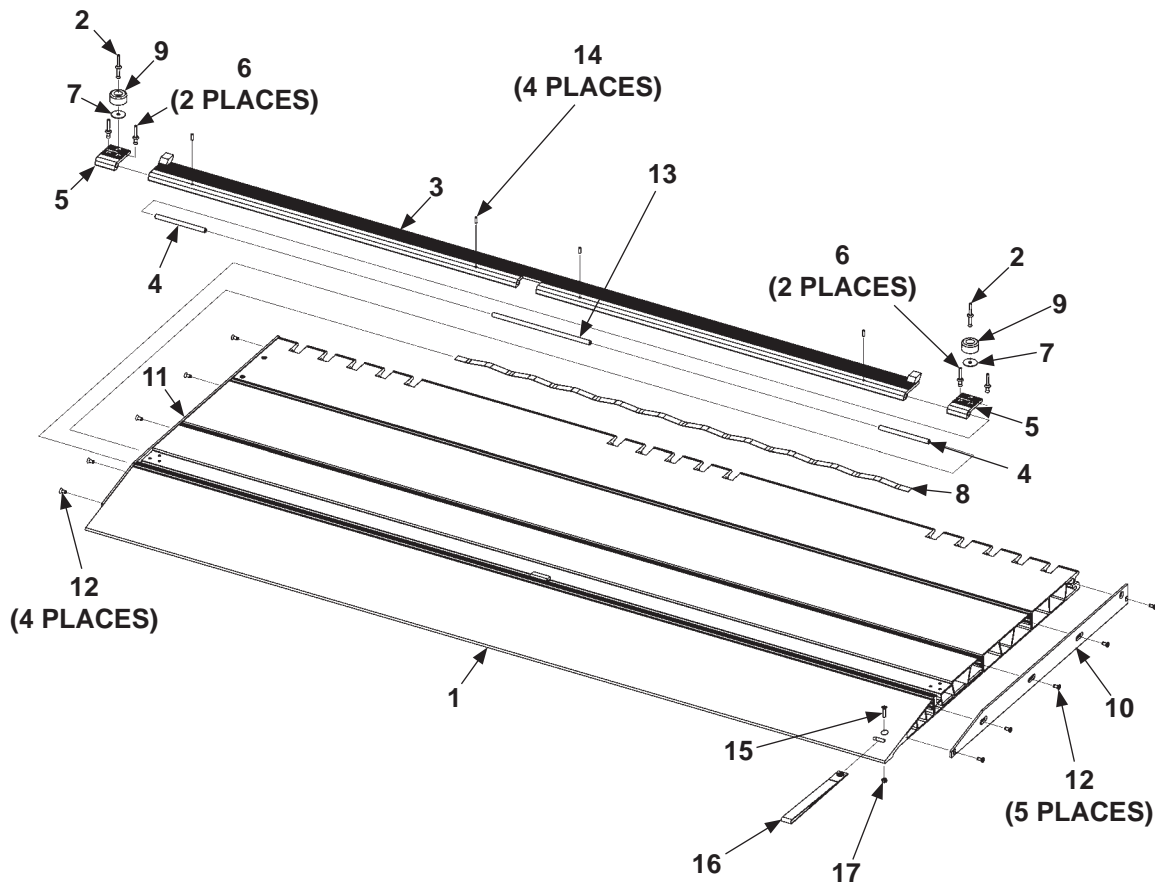


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|------------------------------------|
| REF | 1 | 268499-07 | FLIPOVER ASSEMBLY |
| 1 | 1 | 268498-05 | FLIPOVER WELDMENT |
| 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

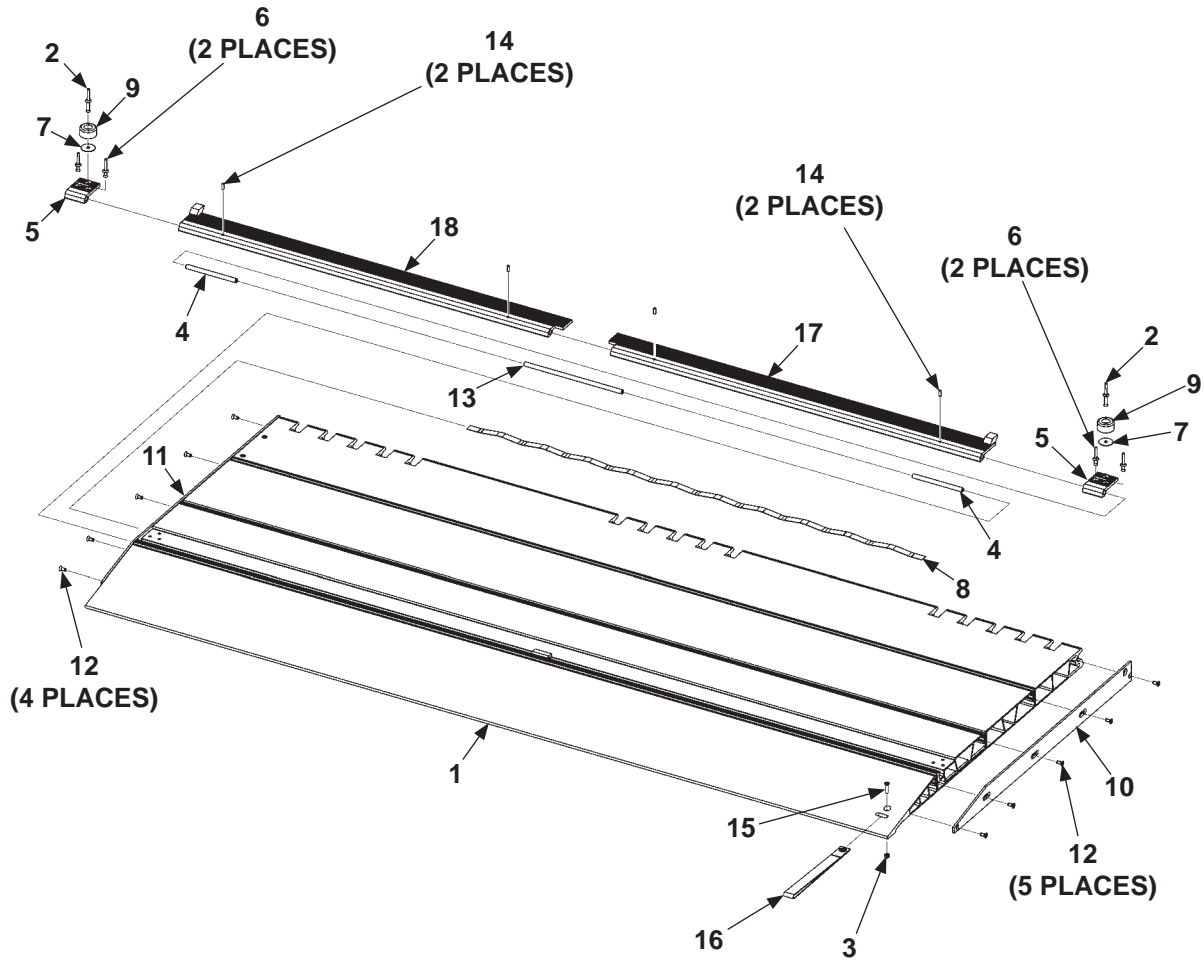


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--|
| REF | 1 | 268760-02 | FLIPOVER ASSEMBLY, 85-3/8" (WIDE) |
| 1 | 1 | 268498-06 | FLIPOVER WELDMENT, 85" (WIDE) |
| 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

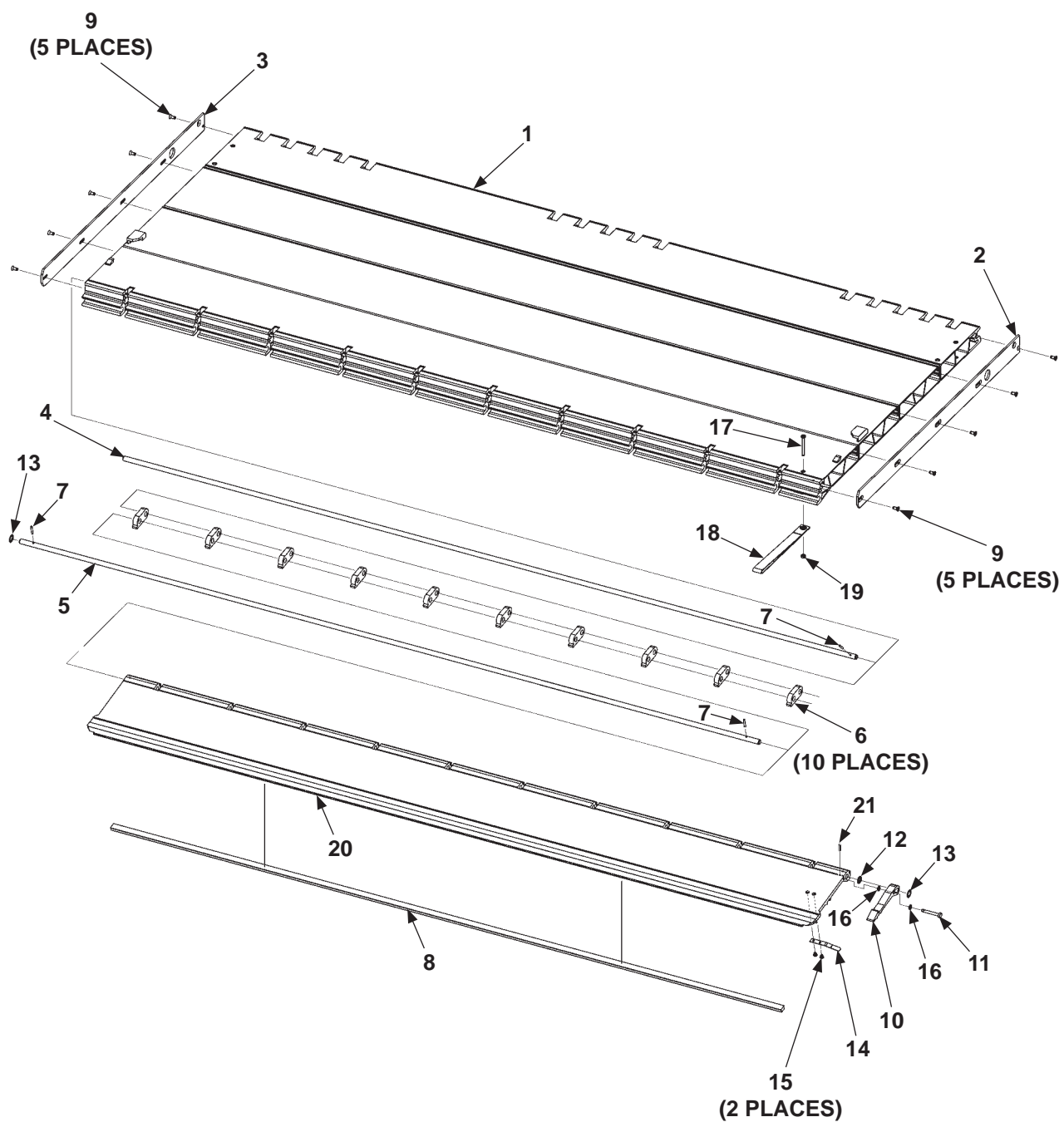


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|---|
| REF | 1 | 268760-01 | FLIPOVER ASSEMBLY, 85-3/8" (WIDE) |
| 1 | 1 | 268498-06 | FLIPOVER WELDMENT, 85" (WIDE) |
| 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" (WIDE) |
| 18 | 1 | 267092-07 | CART STOP WELDMENT LH, 40-11/32" (WIDE) |

FLIPOVER WITH SINGLE RETENTION RAMP

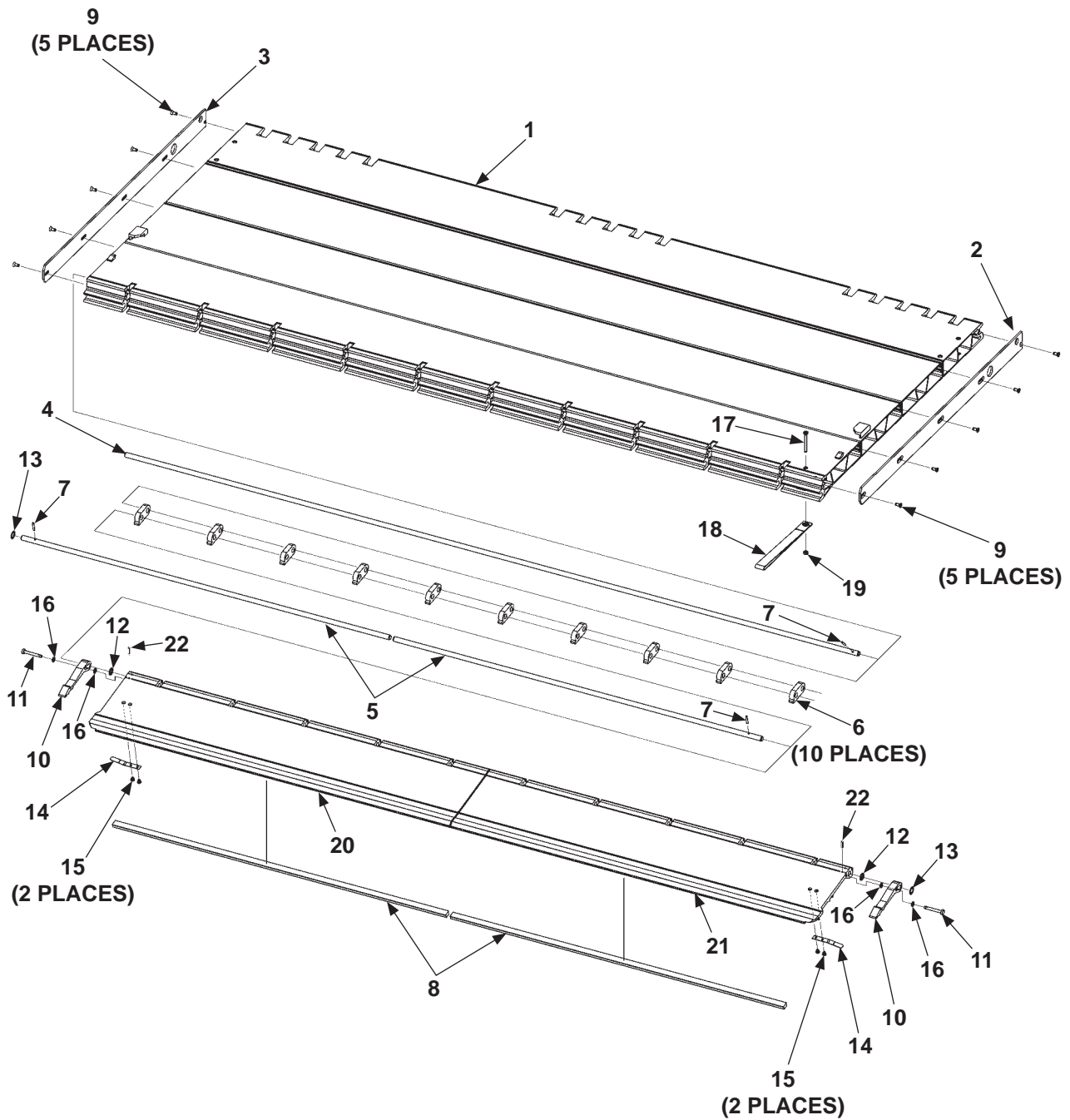


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|--------------------------------------|
| REF | 1 | 268499-05 | FLIPOVER ASSEMBLY |
| 1 | 1 | 268498-04 | FLIPOVER WELDMENT |
| 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. |

FLIPOVER WITH DUAL RETENTION RAMPS



MAXON®

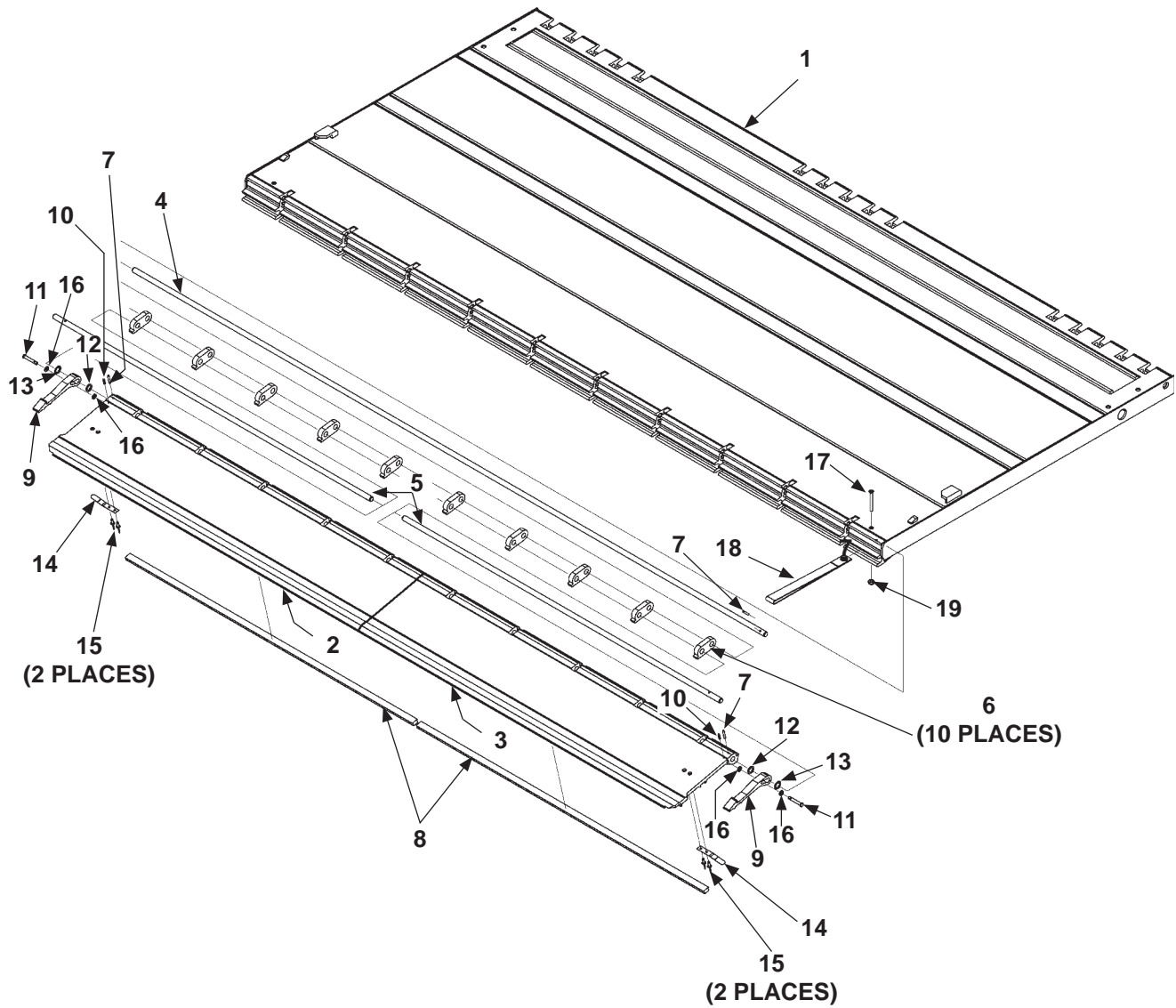
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|--------------------------------------|
| REF | 1 | 268499-06 | FLIPOVER ASSEMBLY |
| 1 | 1 | 268498-03 | FLIPOVER WELDMENT |
| 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)

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

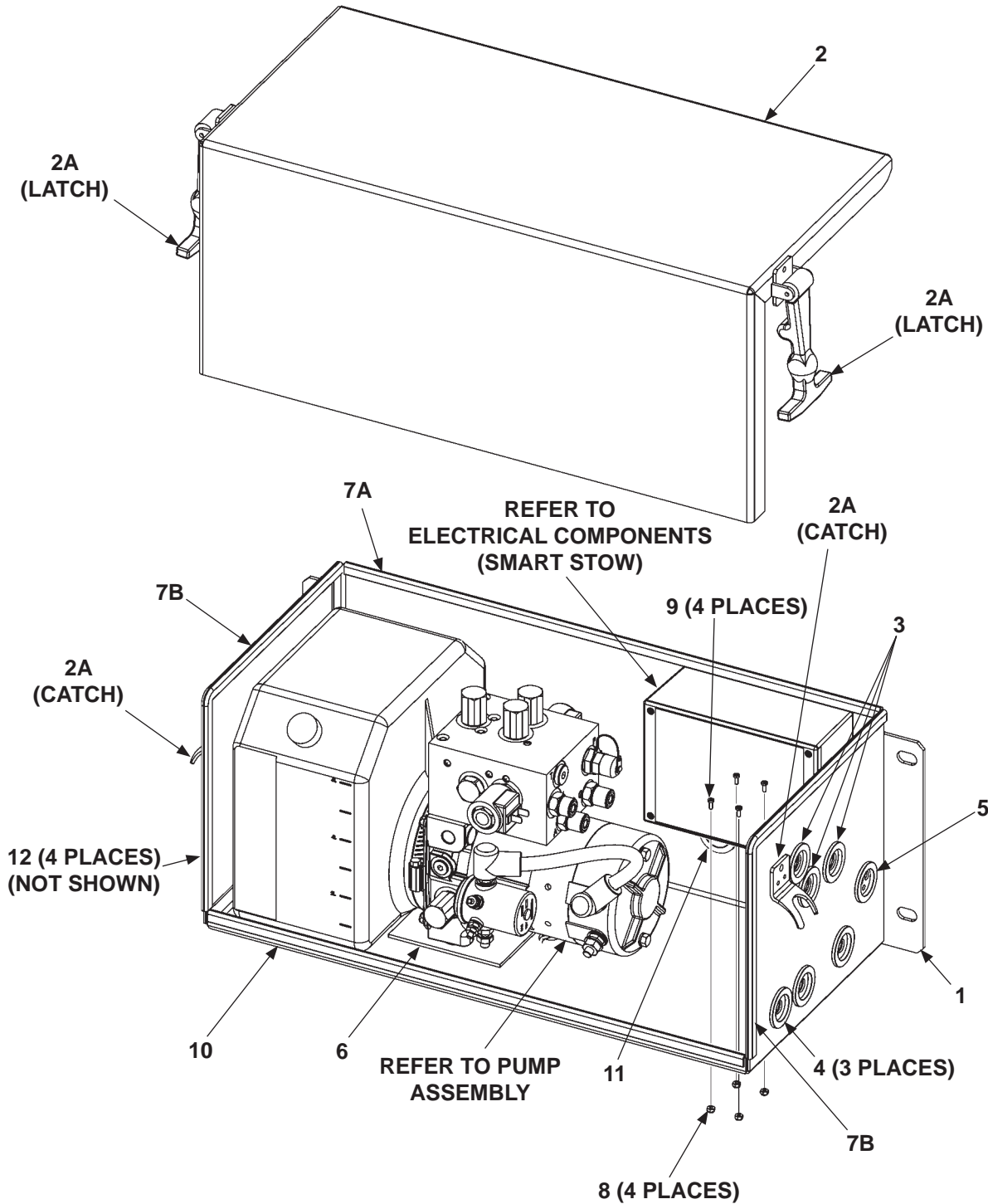


| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|--|
| REF | 1 | 287459-01 | FLIPOVER ASSEMBLY |
| 1 | 1 | 287458-01 | ALUMINUM FLIPOVER WELDMENT, DRR, 85-3/8" LG. |
| 2 | 1 | 267041-04 | DUAL RAMP, LH, 41-7/8" LG. |
| 3 | 1 | 267041-06 | DUAL RAMP, RH, 41-7/8" LG. |
| 4 | 1 | 267045-04 | 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 |

PUMP BOX ASSEMBLY - HALDEX PUMP ONLY

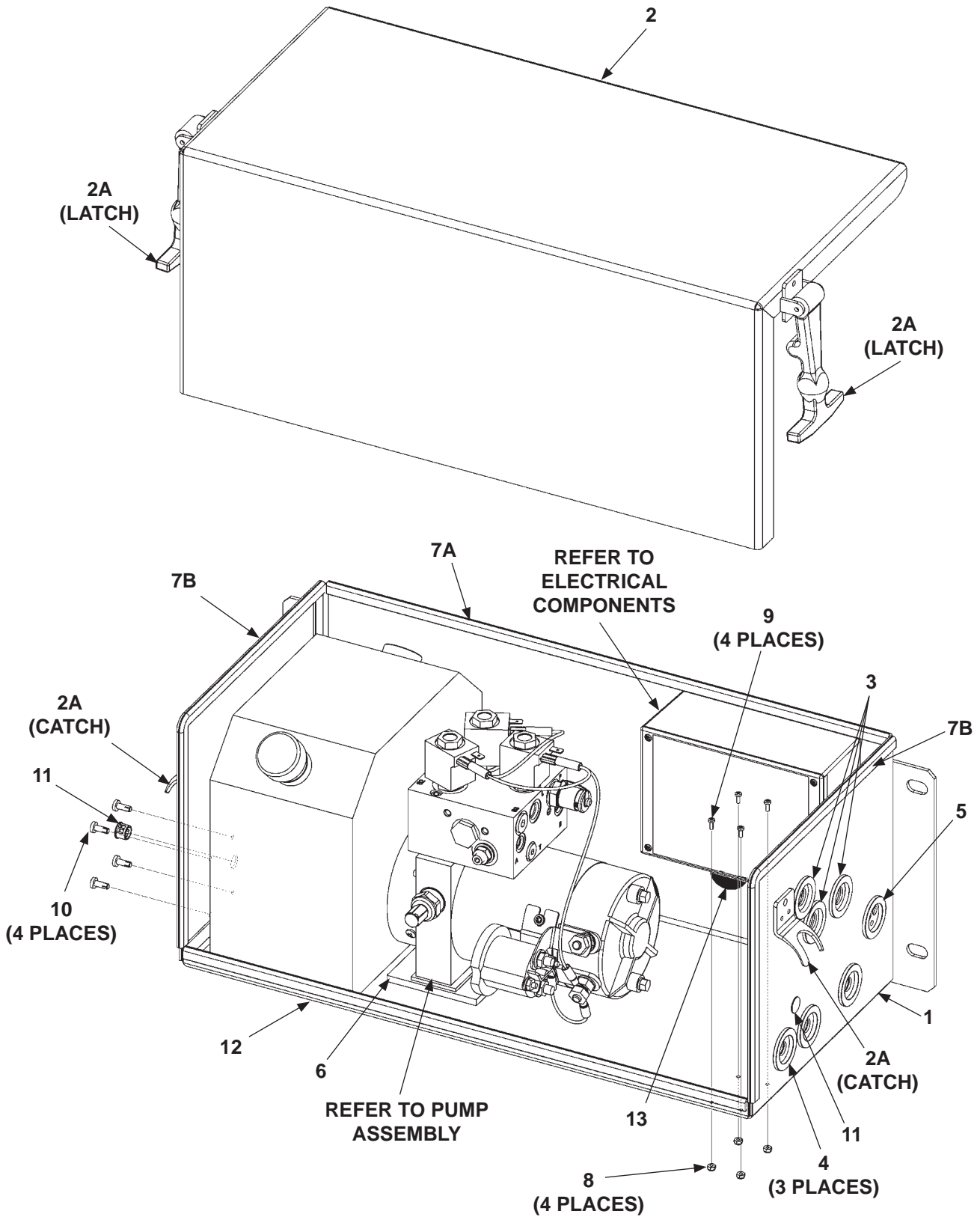
MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|--|
| REF | 1 | 268276-01 | POWER PACK & CONTROLLER ASSEMBLY |
| 1 | 1 | 268080-01 | PUMP BOX WELDMENT |
| 2 | 1 | 268081-01 | PUMP BOX COVER |
| 2A | 2 | 215139 | CATCH & FASTENER |
| 3 | 3 | 266428-07 | GROMMET, 1" O.D., 5/8" I.D. HOLE |
| 4 | 3 | 266428-04 | GROMMET, 1" O.D., 1/2" I.D. HOLE |
| 5 | 1 | 266428-10 | GROMMET, 1" O.D., 3 HOLES |
| 6 | 1 | 268535-01 | HYDRAULIC PUMP SUPPORT PLATE |
| 7 | 1 | 093212 | EDGE TRIM, 60" LG. |
| 7A | 1 | - | EDGE TRIM, 21-3/4" LG. |
| 7B | 2 | - | EDGE TRIM, 19" LG. |
| 8 | 4 | 901007 | NYLON NUT, .112-40 |
| 9 | 4 | 900024-5 | PAN HEAD SCREW, 4-40 X 5/16" LG. |
| 10 | 1 | 093203-11 | BULB TRIM SEAL, 21-3/4" LG. |
| 11 | 1 | 266428-11 | GROMMET, 1" I.D. |
| 12 | 4 | 900057-2 | SCREW, SELF TAPPING, #10-24 X 1/2" (NOT SHOWN) |

PUMP BOX ASSEMBLY - BUCHER PUMP ONLY

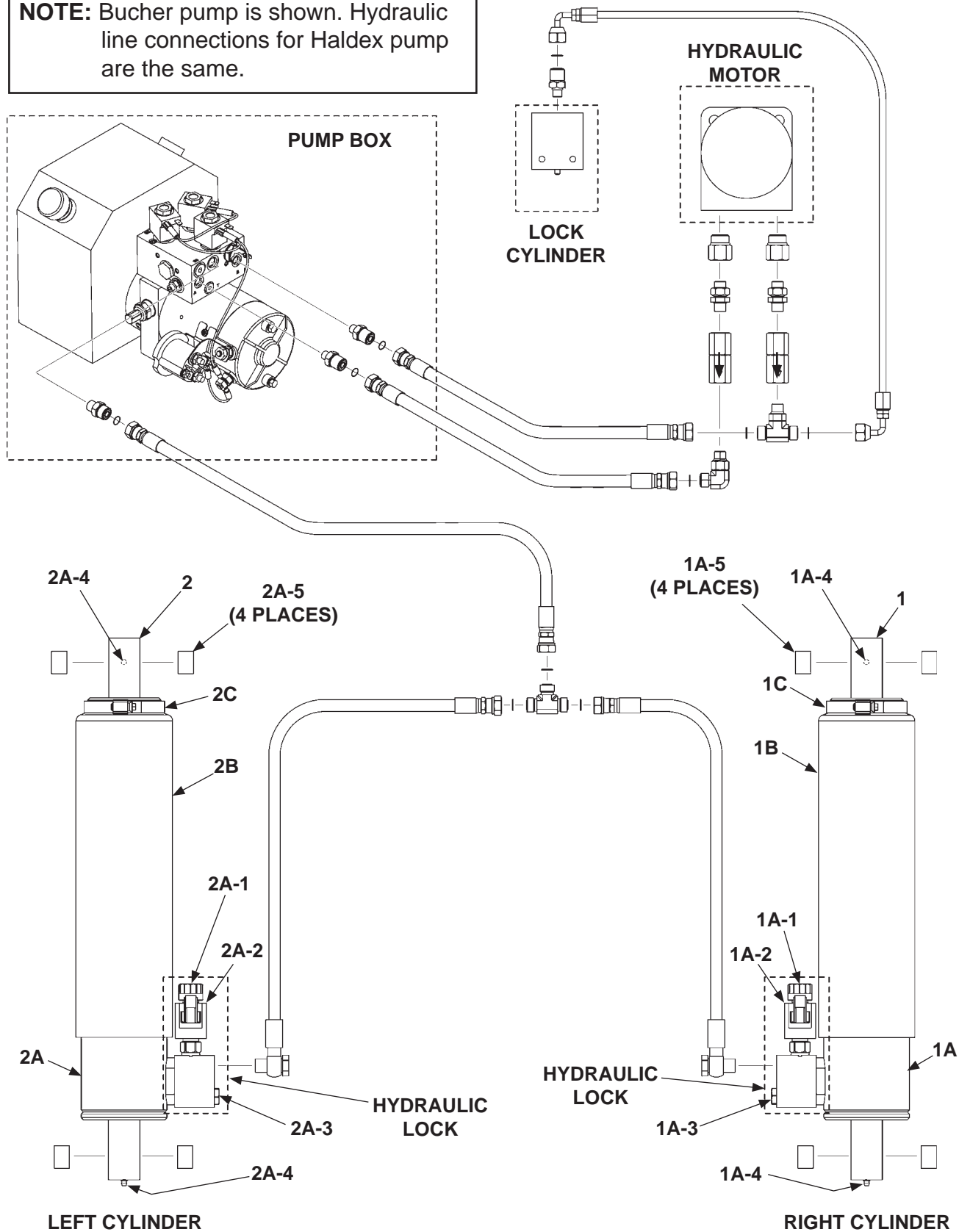


| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----------|-----------|--|
| REF | 1 | 268276-01 | POWER PACK & CONTROLLER ASSEMBLY |
| 1 | 1 | 268080-01 | PUMP BOX |
| 2 | 1 | 268081-01 | PUMP COVER |
| 2A | 2 | 215139 | DRAW CATCH & LATCH |
| 3 | 3 | 266428-07 | GROMMET, 1" O.D., 5/8" I.D. HOLE |
| 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, GR8 |
| 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.

NOTE: Bucher pump is shown. Hydraulic line connections for Haldex pump are the same.



MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

CAUTION

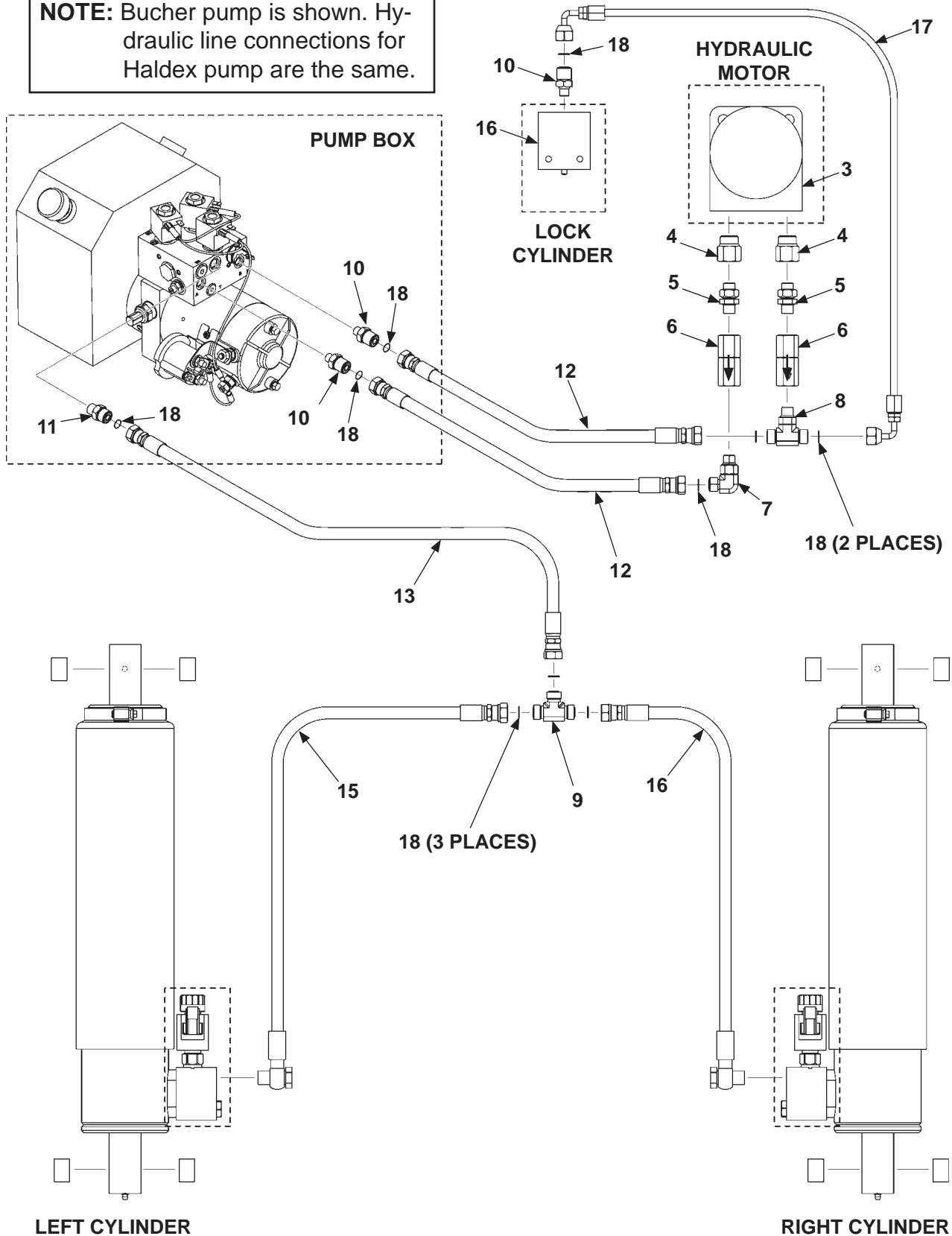
To prevent hydraulic lock from being damaged, torque replacement valve cartridge to 25 lbs.-ft. & coil nut to 4-6 lbs.-ft.

| 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.

NOTE: Bucher pump is shown. Hydraulic line connections for Haldex pump are the same.

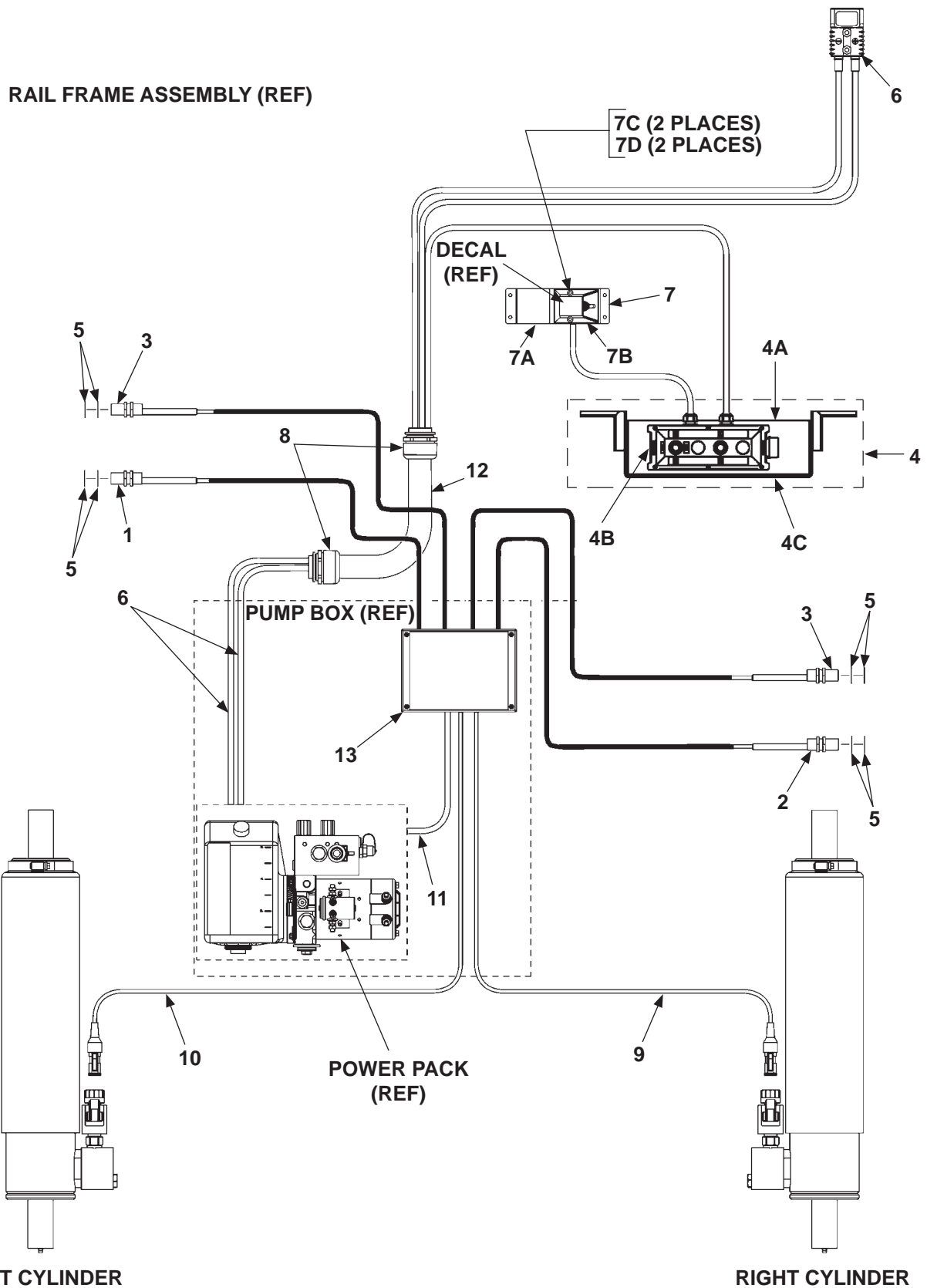


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| 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)

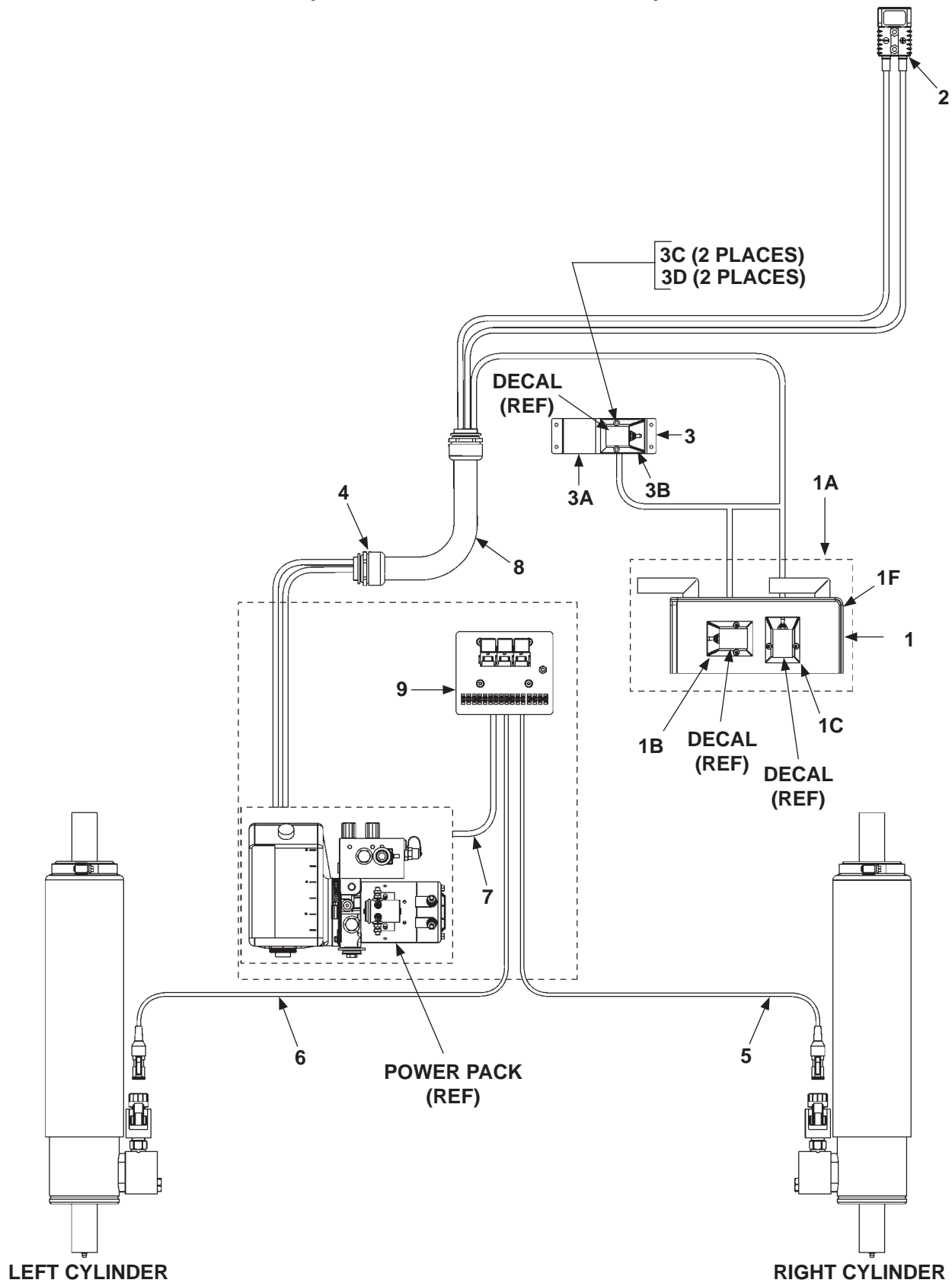


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|--------------------------------------|
| 1 | 1 | 282631-01 | STOW PROX SENSOR WIRE ASSEMBLY |
| 2 | 1 | 282631-05 | SLIDE PROX IN/OUT WIRE ASSEMBLY |
| 3 | 2 | 282631-06 | PARK/IN PROX 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 | 268598-01 | INTERNAL CONTROL |
| 7A | 1 | 268599-01 | BRACKET |
| 7B | 1 | 267959-01 | MOLDED SWITCH |
| 7C | 2 | 900007-6 | SCREW, PAN HEAD, #10-24 X 3/4" 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)



| 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 | 287353-01 | CABLE ASSEMBLY, 2 GA, 12VDC |
| 3 | 1 | 268598-01 | INTERNAL CONTROL |
| 3A | 1 | 268599-01 | BRACKET |
| 3B | 1 | 267959-01 | MOLDED SWITCH |
| 3C | 2 | 900007-6 | SCREW, PAN HEAD, #10-24 X 3/4" LG. (NOT SHOWN) |
| 3D | 2 | 901003 | LOCK NUT, NYLON, #10-24 (NOT SHOWN) |
| 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) |

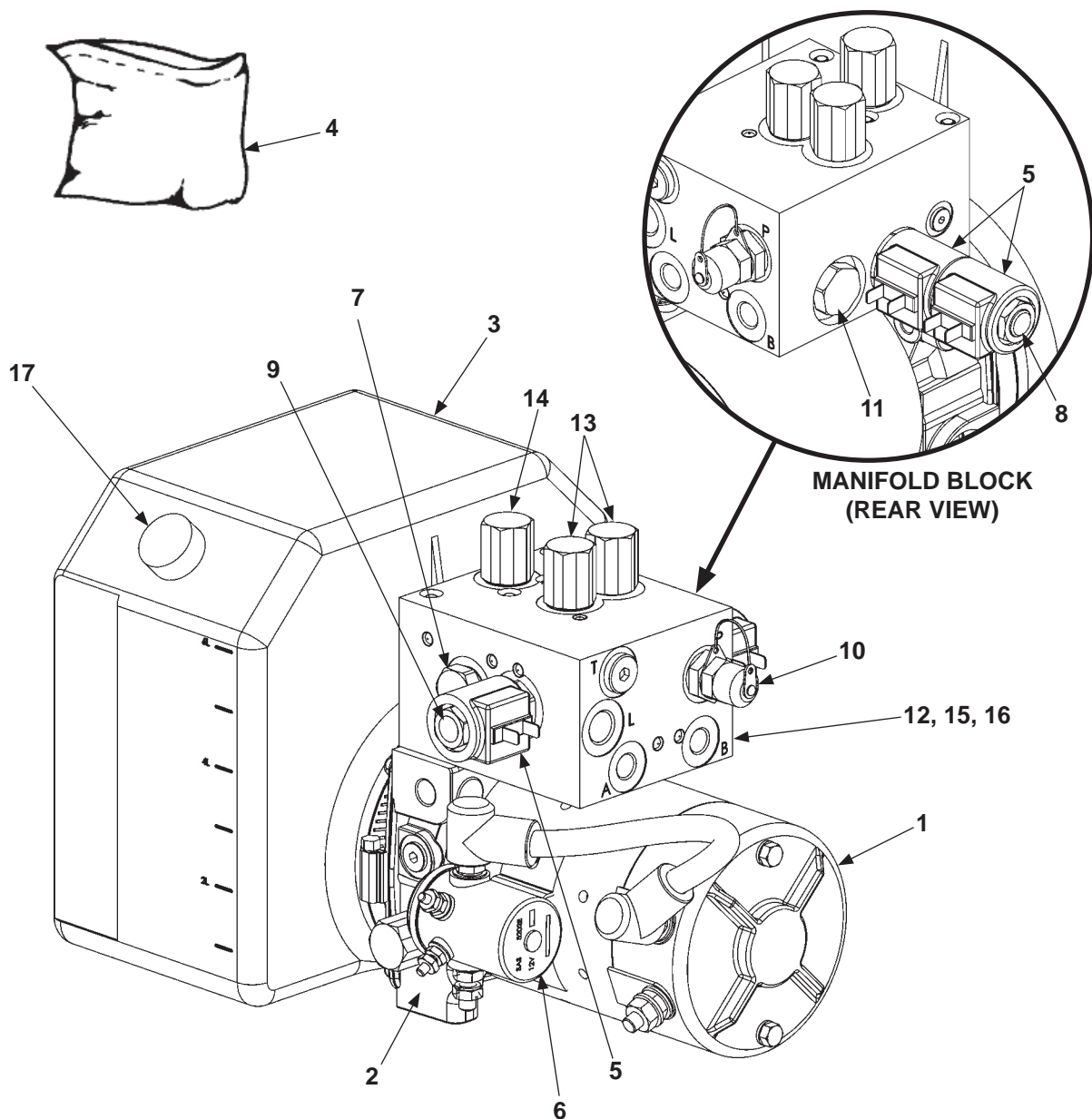
12 VDC POWER UNIT - HALDEX PUMP ONLY

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.



MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|-----------|-------------------------------|
| REF | 1 | 268271-01 | PUMP ASSEMBLY, 12V |
| 1 | 1 | 268446-01 | DC MOTOR |
| 2 | 1 | 268447-01 | GC PUMP & PARTS |
| 3 | 1 | 268354-01 | RESERVOIR |
| 4 | 1 | 268355-01 | BOX ASSEMBLY KIT |
| 4A | 1 | REF | GROMMET |
| 4B | 2 | REF | SCREWS |
| 4C | 2 | REF | WASHERS |
| 4D | 2 | REF | GASKETS |
| 4E | 1 | REF | BOX DRAIN |
| 5 | 3 | 268448-01 | SOLENOID VALVE COIL, 10 VOLT |
| 6 | 1 | 268449-01 | STARTER SWITCH, 12 VOLT |
| 7 | 1 | 268358-01 | CHECK VALVE |
| 8 | 1 | 268359-01 | 2-POS / 4-WAY VALVE STEM |
| 9 | 1 | 268360-01 | 2-POS / 2-WAY VALVE STEM |
| 10 | 1 | 268361-01 | TEST POINT FITTING |
| 11 | 1 | 268362-01 | DOUBLE POLE CHECK VALVE |
| 12 | 1 | 268363-01 | FLOW CONTROL VALVE KIT, 4 GPM |
| 13 | 2 | 268364-01 | RELIEF VALVE KIT, 1015 PSI |
| 14 | 1 | 268365-01 | RELIEF VALVE KIT, 2250 PSI |
| 15 | 1 | 268366-01 | MANIFOLD BLOCK |
| 16 | 1 | 268367-01 | MANIFOLD ASSEMBLY |
| 17 | 1 | 268368-01 | BREATHING |

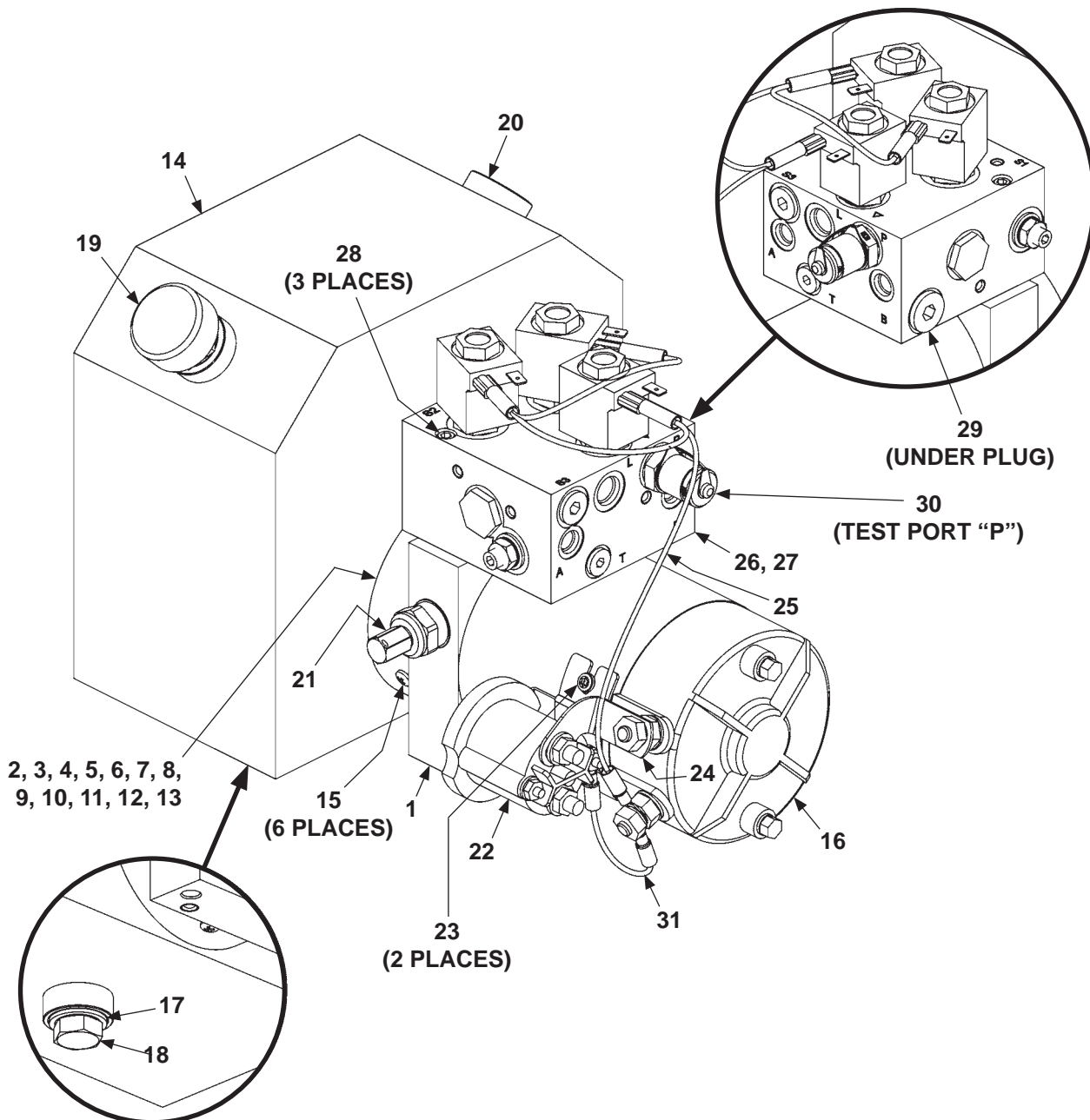
12 VDC POWER UNIT - BUCHER PUMP ONLY

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.



MAXON®

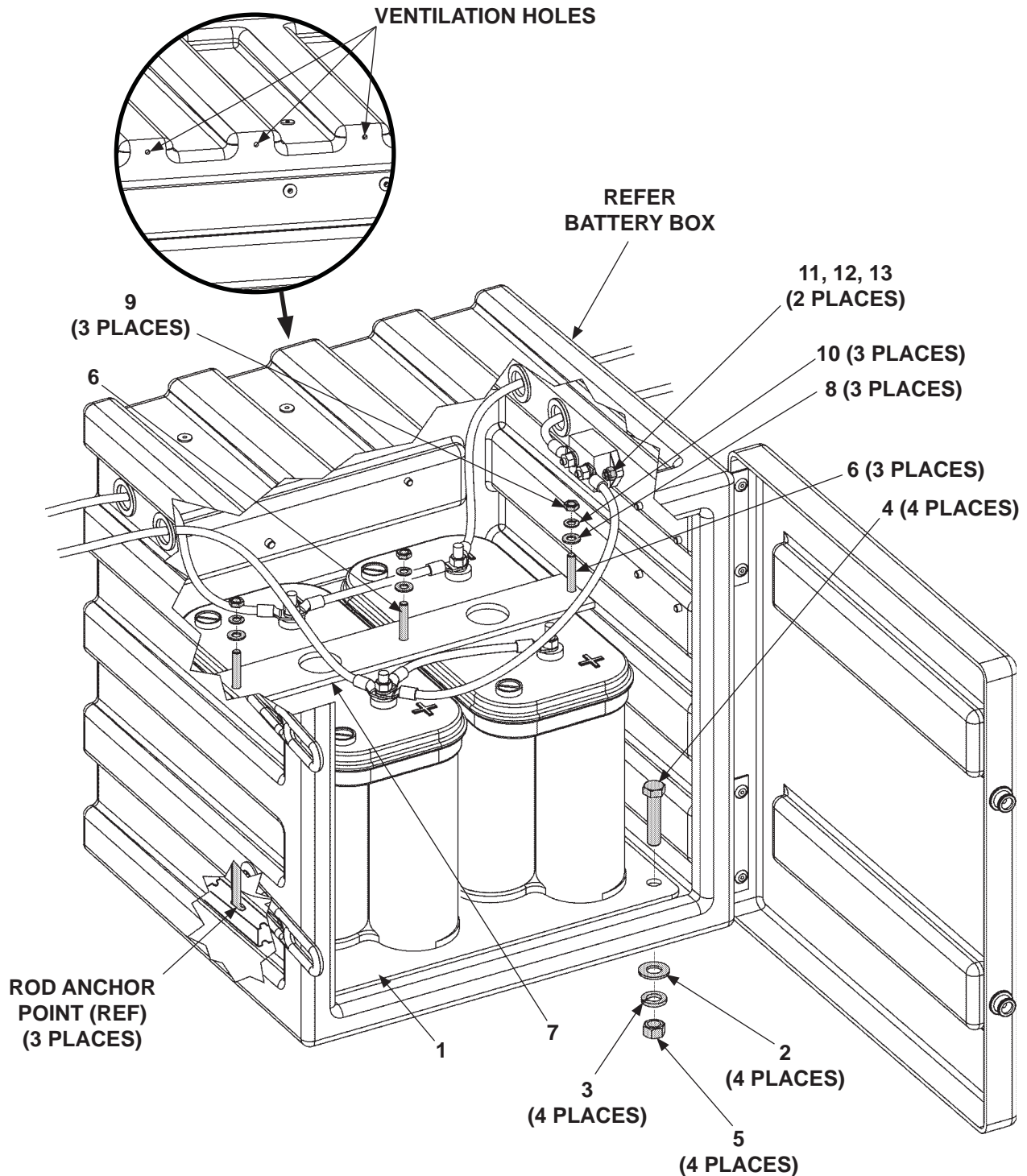
11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY. | PART NO. | DESCRIPTION |
|------|------|----------|---|
| REF. | 1 | 269321 | PUMP ASSY, 24V |
| 1 | 1 | 269323 | BASE ASSY, 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 DEG. 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 | BREATHING PLUG, 3/4"-14 |
| 21 | 1 | 269338 | RELIEF VALVE, GREEN SPRING |
| 22 | 1 | 269339 | STARTER SWITCH, 12 VOLT |
| 23 | 2 | 269340 | PAN HEAD SCREW, 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 |

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.

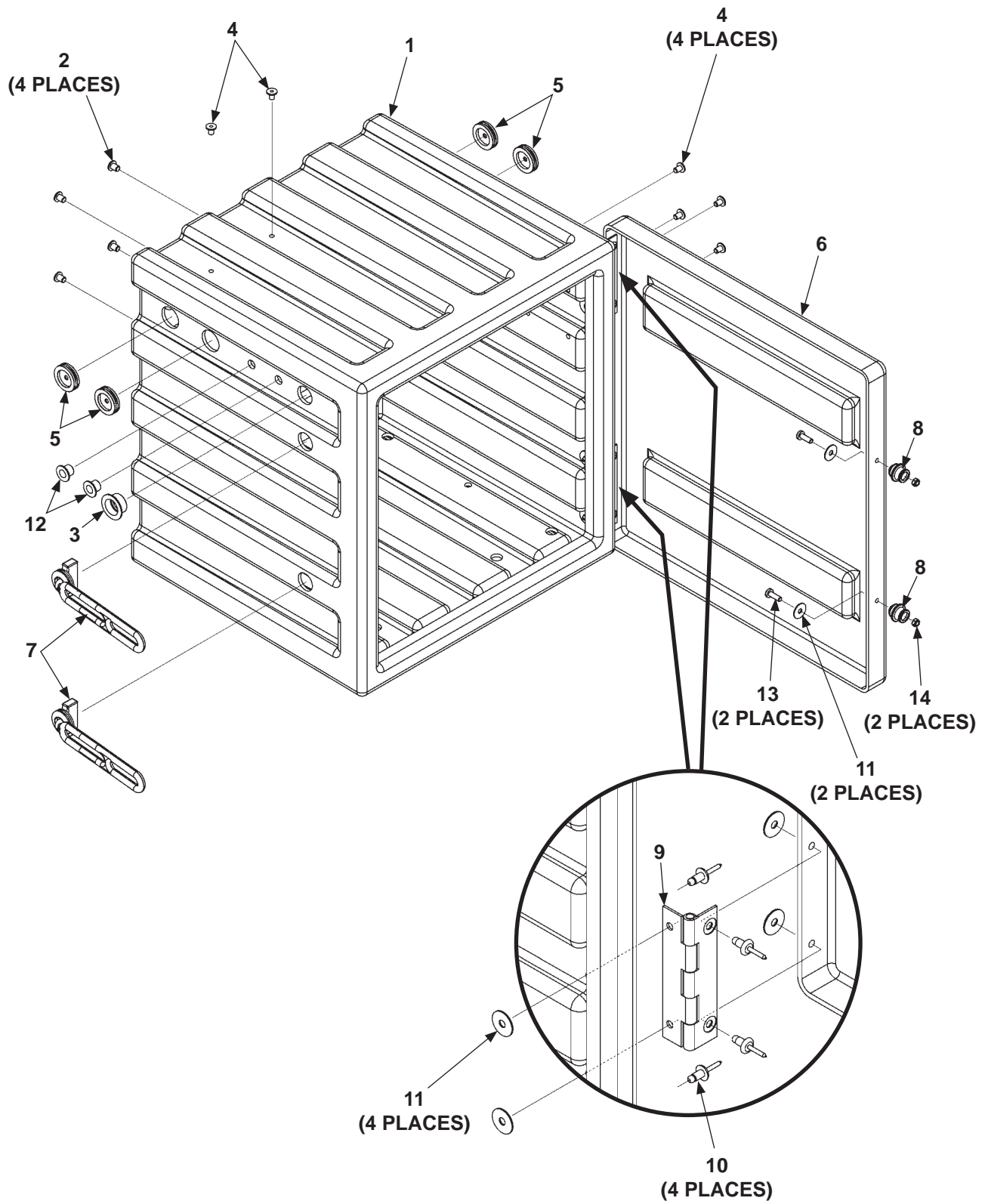


MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|------------|--|
| 1 | 1 | 269535-01G | BATTERY MOUNT PLATE WELDMENT, GALVANIZED |
| 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., GR8 |
| 5 | 4 | 901011-10 | HEX NUT, 1/2"-20 |
| 6 | 3 | 227722-01 | ROD, L-SHAPE BATTERY HOLD DOWN |
| 7 | 1 | 250479 | BRACKET (BATTERY HOLD DOWN) |
| 8 | 3 | 902013-10 | FLAT WASHER, 5/16" |
| 9 | 3 | 901005 | HEX NUT, 5/16"-18, GR8 |
| 10 | 3 | 902011-3 | LOCK WASHER, #10 |
| 11 | 2 | 902013-09 | FLAT WASHER, 1/4" |
| 12 | 2 | 900002-4 | PAN HEAD SCREW, 1/4"-20 X 1 LG. |
| 13 | 2 | 901000 | LOCK NUT, 1/4"-20 |

OPTIONAL BATTERY BOX



MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

| ITEM | QTY | PART NO. | DESCRIPTION |
|------|-----|-----------|-------------------------------------|
| REF | 1 | 269561-01 | BATTERY BOX |
| 1 | 1 | 269526-01 | BOX |
| 2 | 4 | 908022-03 | PLUG, 5/16" |
| 3 | 1 | 908022-08 | PLUG, 1-1/16" |
| 4 | 6 | 908022-07 | PLUG, 1/4" |
| 5 | 4 | 266428-02 | GROMMET, 1" |
| 6 | 1 | 269558-01 | COVER |
| 7 | 2 | 908193-01 | RUBBER LATCH |
| 8 | 2 | 908194-01 | FASTENING KNOB |
| 9 | 2 | 285884-01 | BATTERY BOX HINGE STAINLESS STEEL |
| 10 | 8 | 903715-03 | BLIND RIVET, 1/4" X 1/4"-3/8" |
| 11 | 10 | 903438-01 | WASHER, 1/4" |
| 12 | 2 | 908022-05 | 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 |

DECALS (WITH SMART STOW)

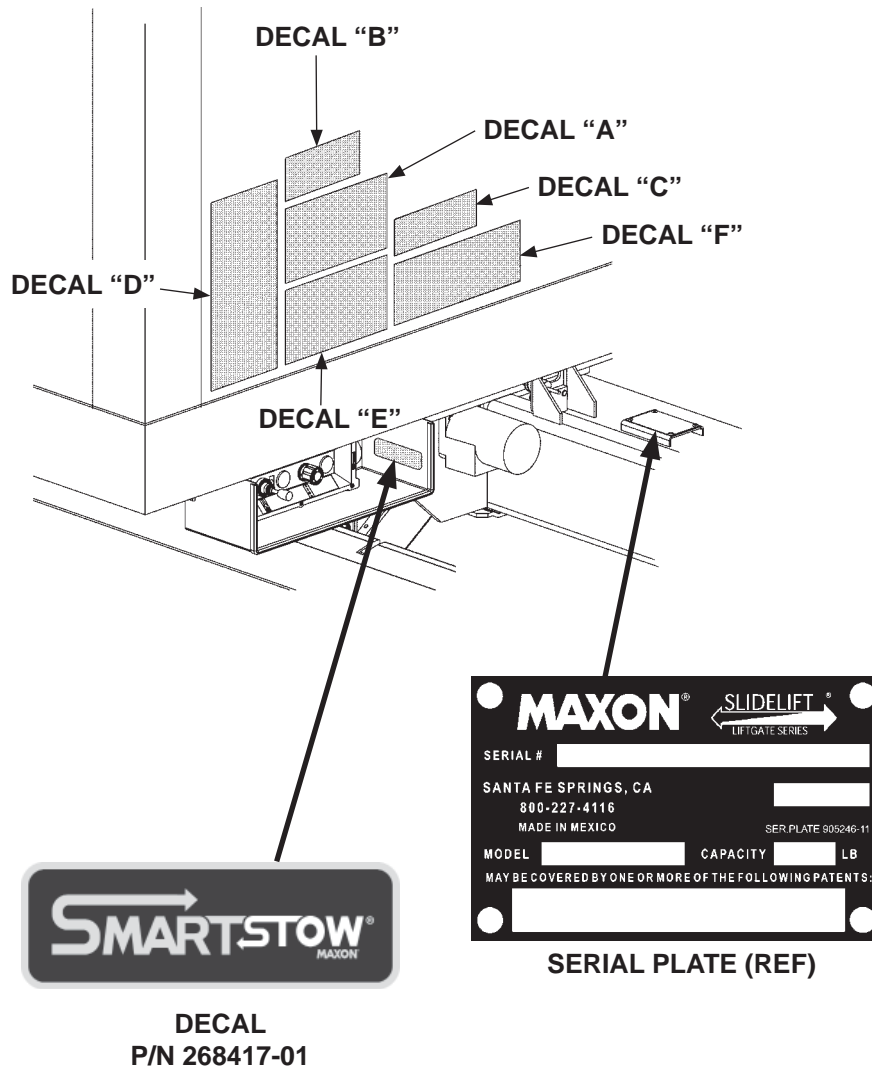


FIG. 86-1

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 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




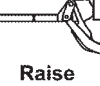
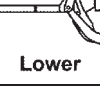
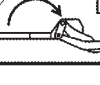


4400 POUNDS

WHEN THE LOAD IS
CENTERED ON THE LOAD
CARRYING PLATFORM

(B)

GPSLR 44 ONLY

OPERATING INSTRUCTIONS

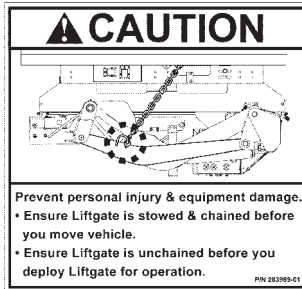
1.  **Power On**
2.  **Slide Out To Unstow**
2 Hand Switch
3.  **Manually unfold using strap.**
4.  **Raise**
2 Hand Switch
5.  **Lower**
2 Hand Switch
6.  **Manually fold using strap.**
7.  **Slide In To Stow**
2 Hand Switch
IMPORTANT: Release switches when liftgate shuts off.
8.  **Power Off**

(D)

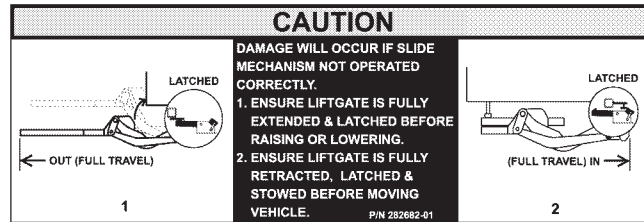
DECAL SHEET P/N 267431-01 (GPSLR-33) &
P/N 267431-02 (GPSLR-44)

FIG. 87-1

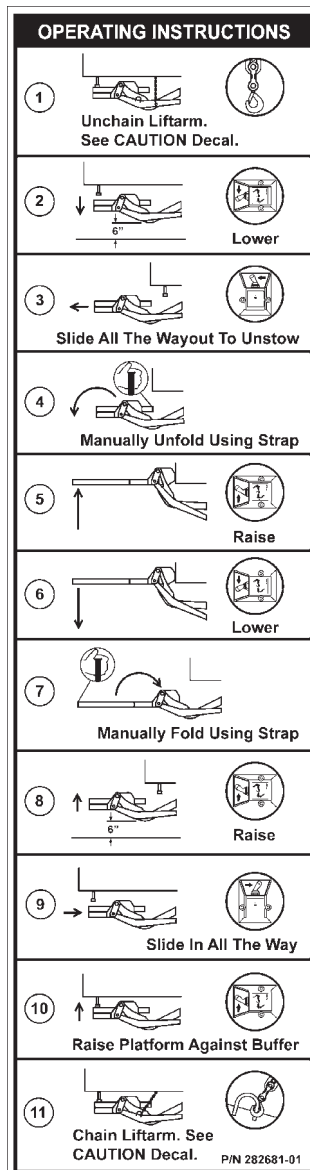
DECALS (WITHOUT CONTROLLER)



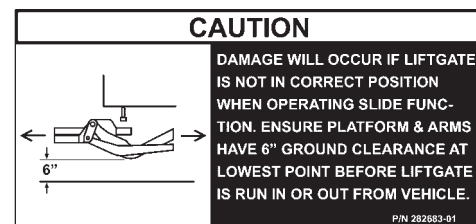
**CAUTION DECAL
P/N 283989-01**



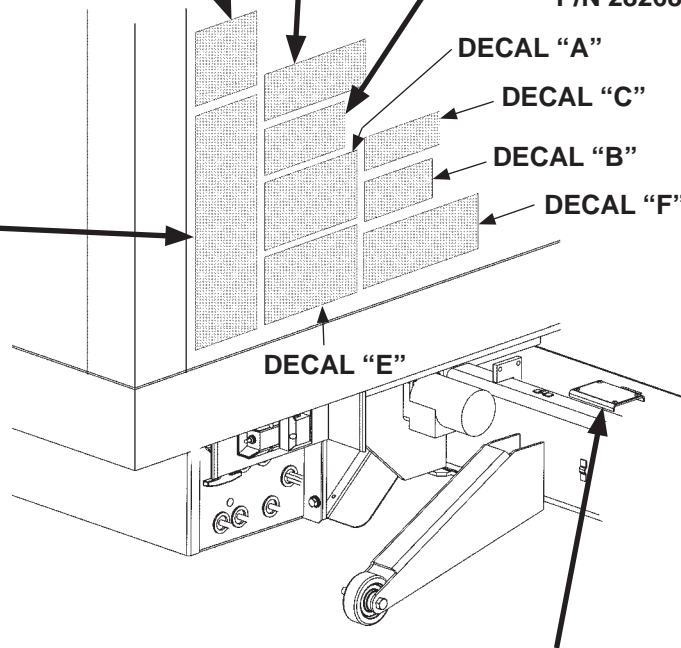
**CAUTION DECAL
P/N 282682-01**



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



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



SERIAL PLATE (REF)

FIG. 88-1

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 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

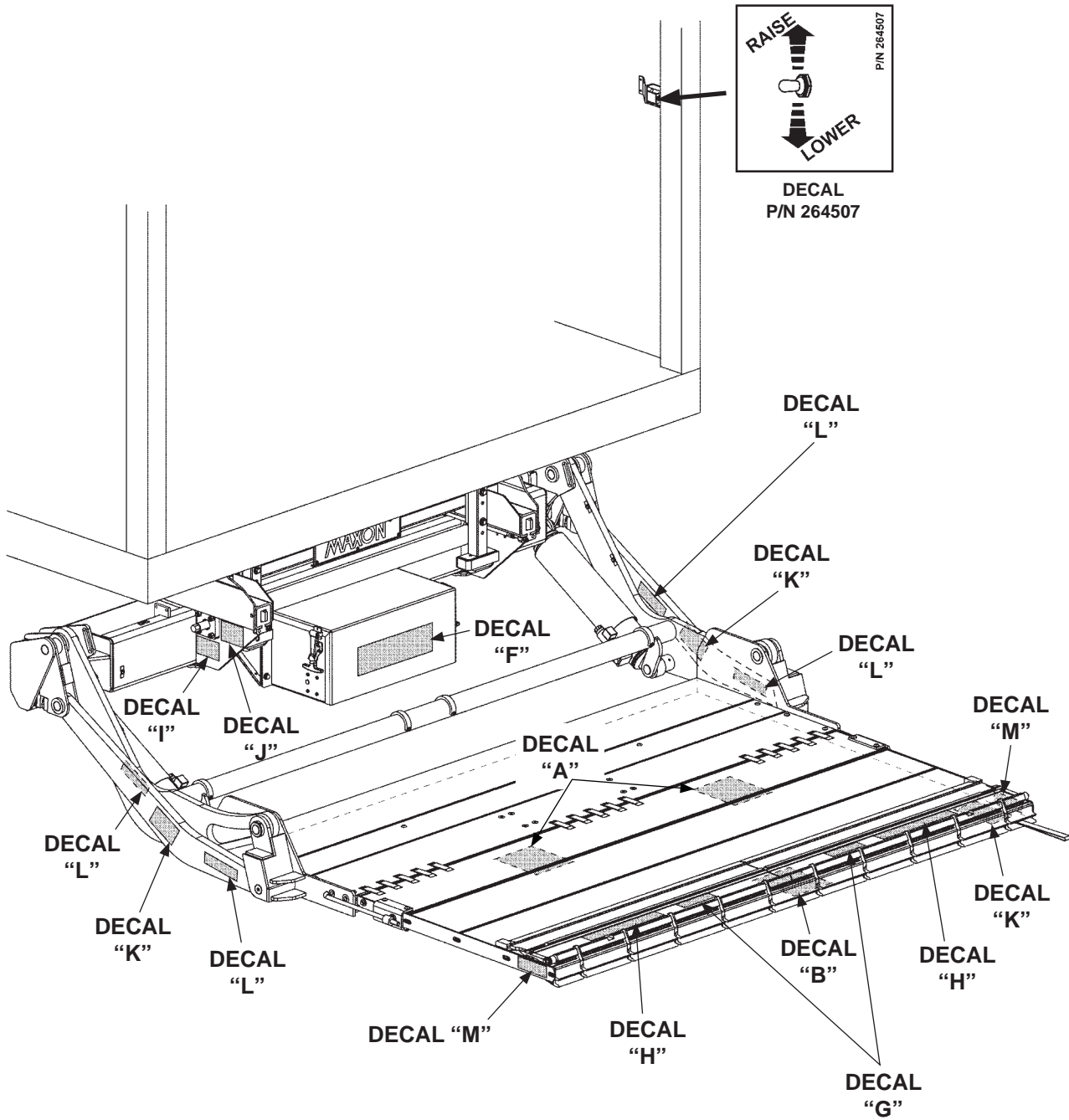
**DECAL SHEET P/N 282464-01 (GPSLR-33) &
P/N 282464-02 (GPSLR-44)**

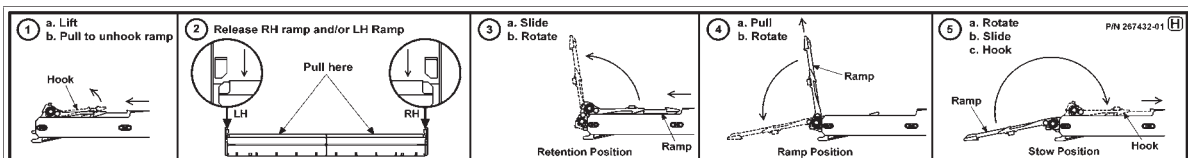
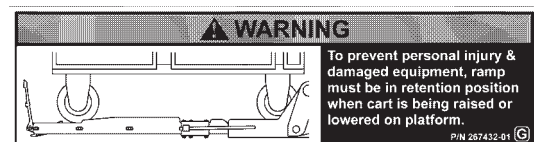
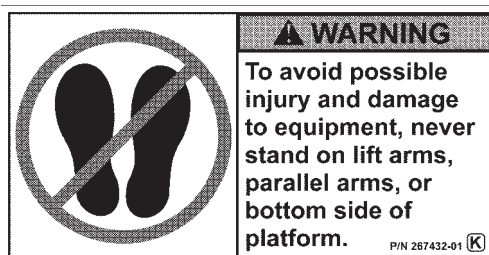
FIG. 89-1

DECALS - Continued

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

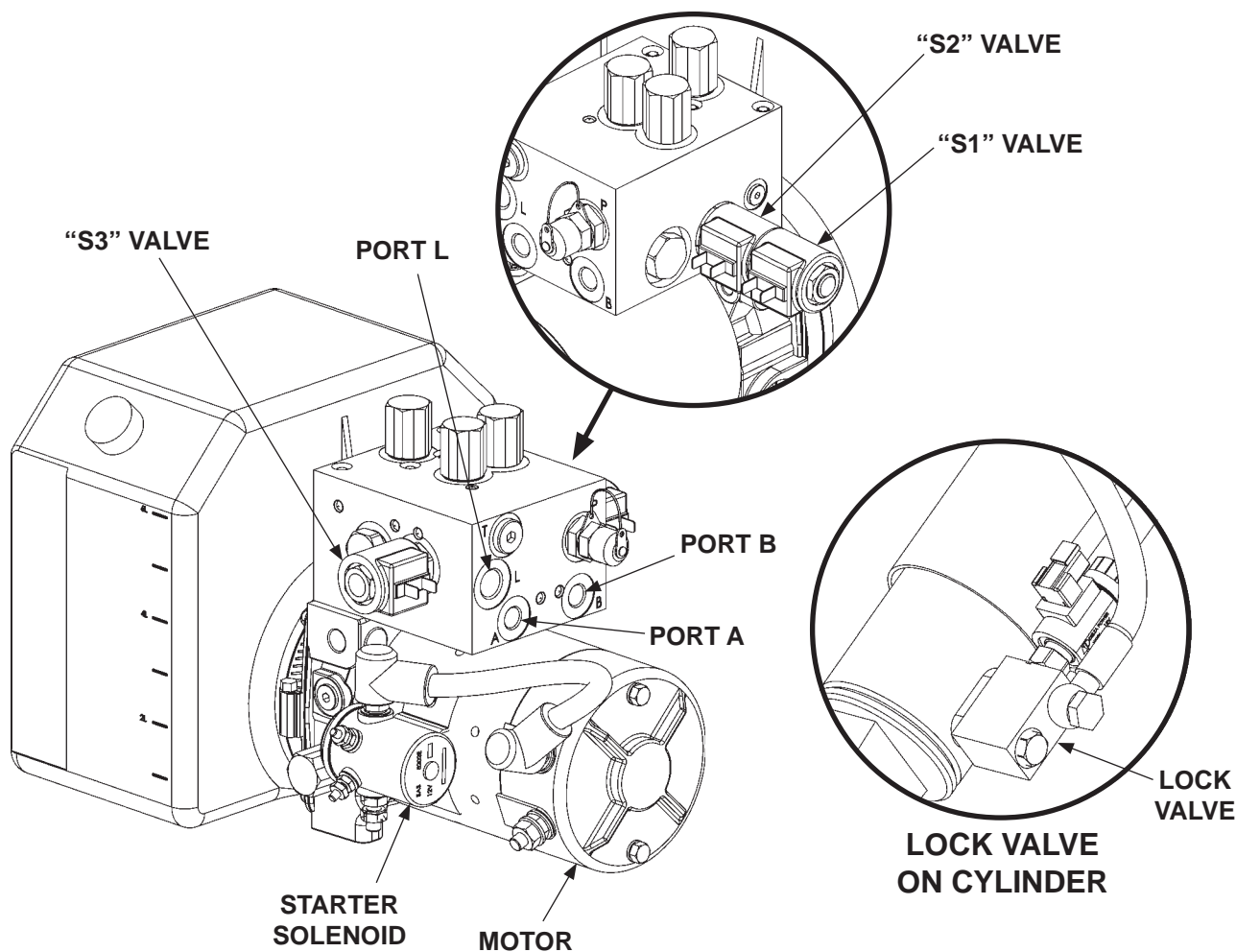




DECAL SHEET 267432-01
FIG. 91-1

SYSTEM DIAGRAMS

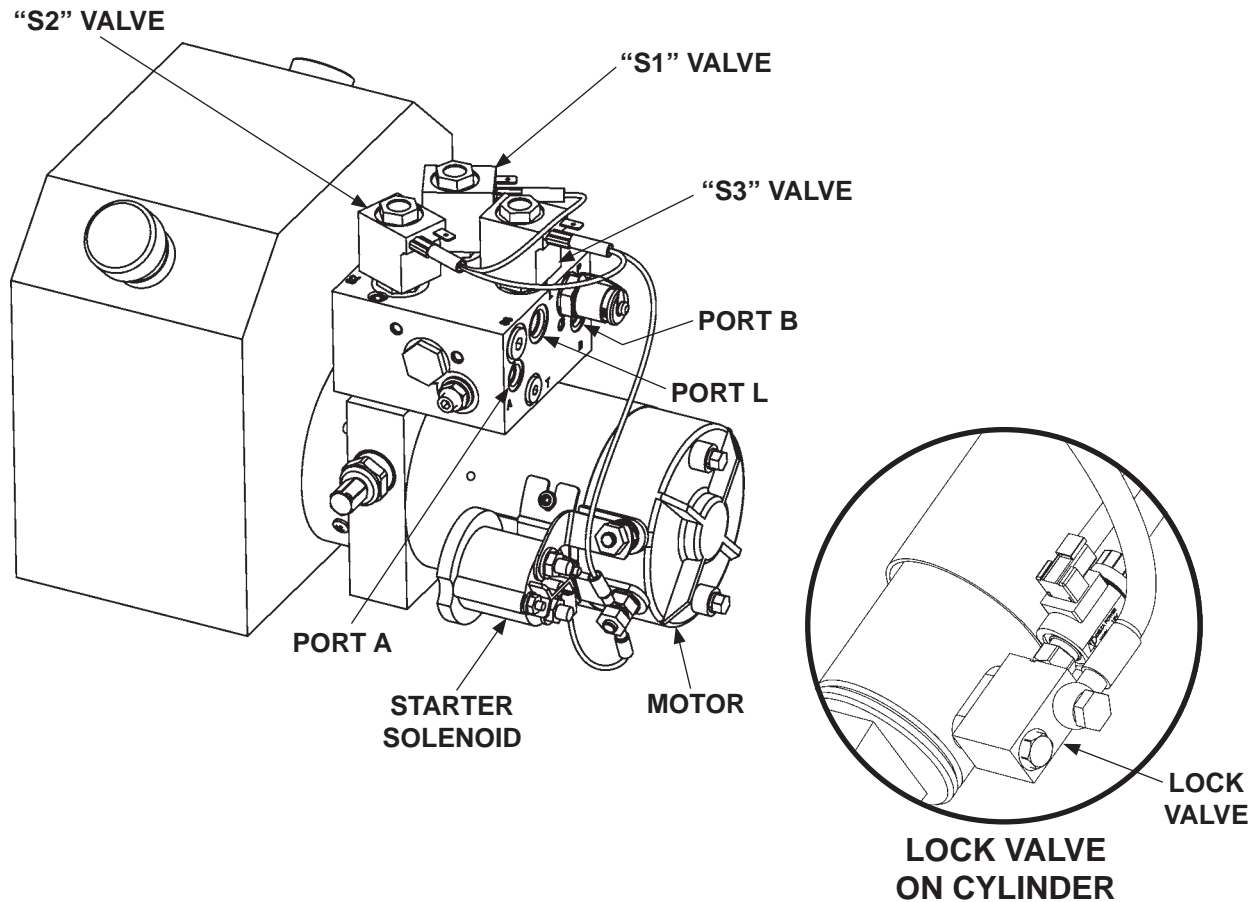
PUMP & MOTOR SOLENOID OPERATION - HALDEX PUMP ONLY



| POWER UNIT MOTOR & SOLENOID OPERATION | | | | | | |
|---|------|---|---------------|---------------|---------------|------------|
| LIFTGATE 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 | ✓ | ✓ | - | - | - |
| REFER TO VALVES SHOWN ON HYDRAULIC SCHEMATIC | | | | | | |


TABLE 92-1

PUMP & MOTOR SOLENOID OPERATION - BUCHER PUMP ONLY



| 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.

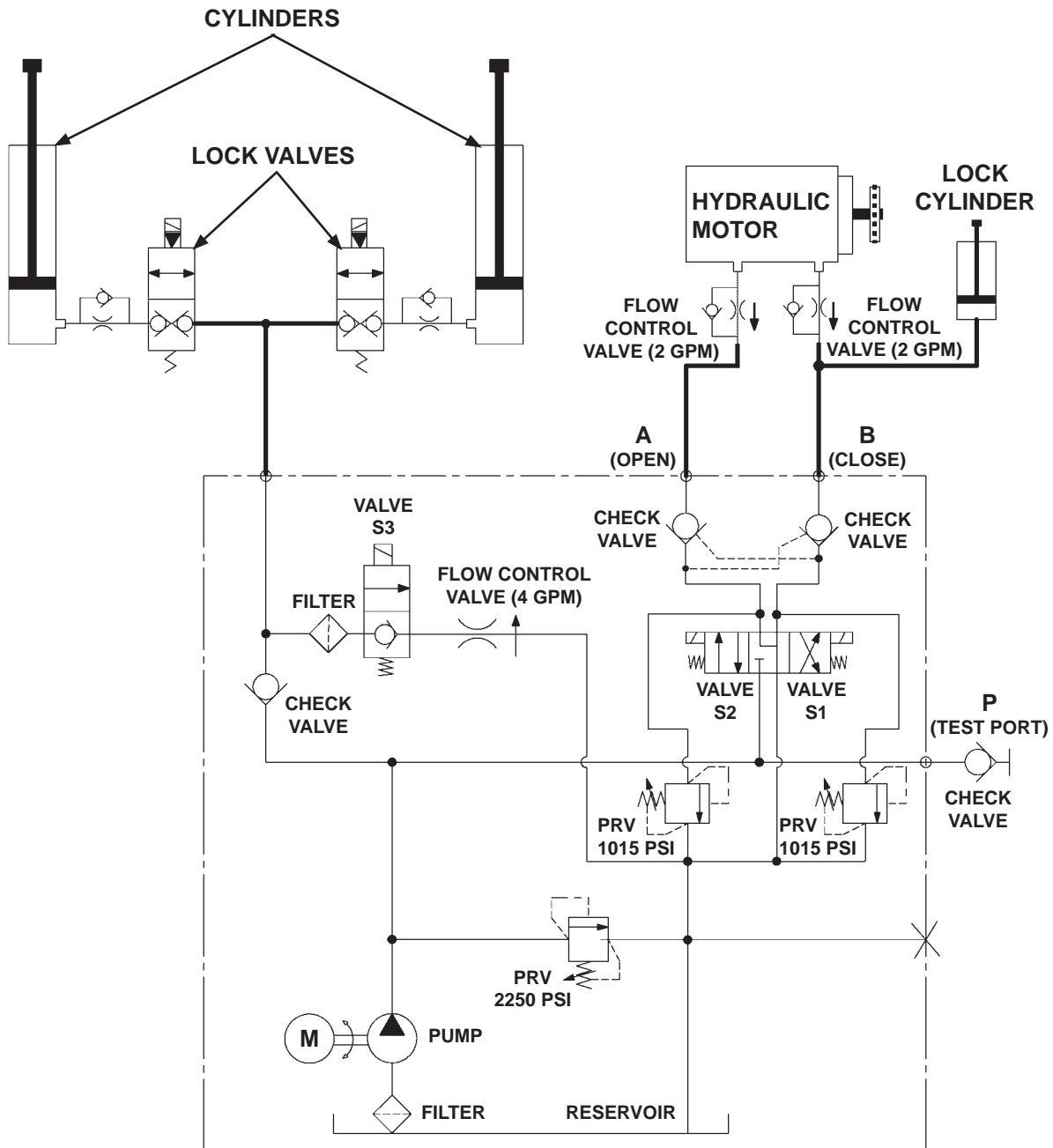


| REFER TO VALVES SHOWN ON HYDRAULIC SCHEMATIC | | | | | | |

TABLE 93-1

SYSTEM DIAGRAMS - Continued

HYDRAULIC SCHEMATIC - HALDEX PUMP ONLY



NOTE: PRV (PRESSURE RELIEF VALVE)

FIG. 94-1

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

MAXON® 11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713



SYSTEM DIAGRAMS - Continued

ELECTRICAL SCHEMATIC (SMART STOW)

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

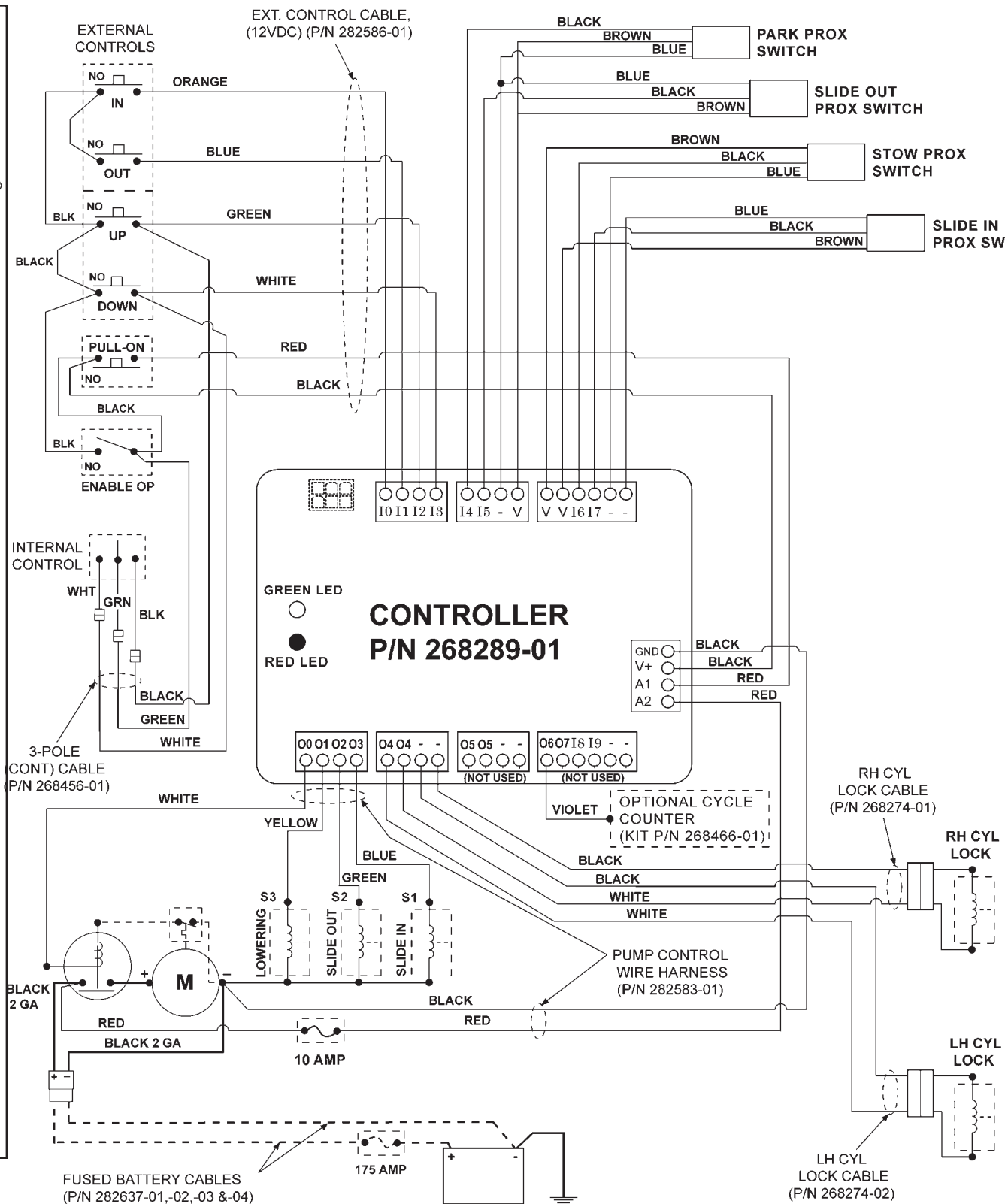


FIG. 96-1

ELECTRICAL SCHEMATIC (WITHOUT CONTROLLER)

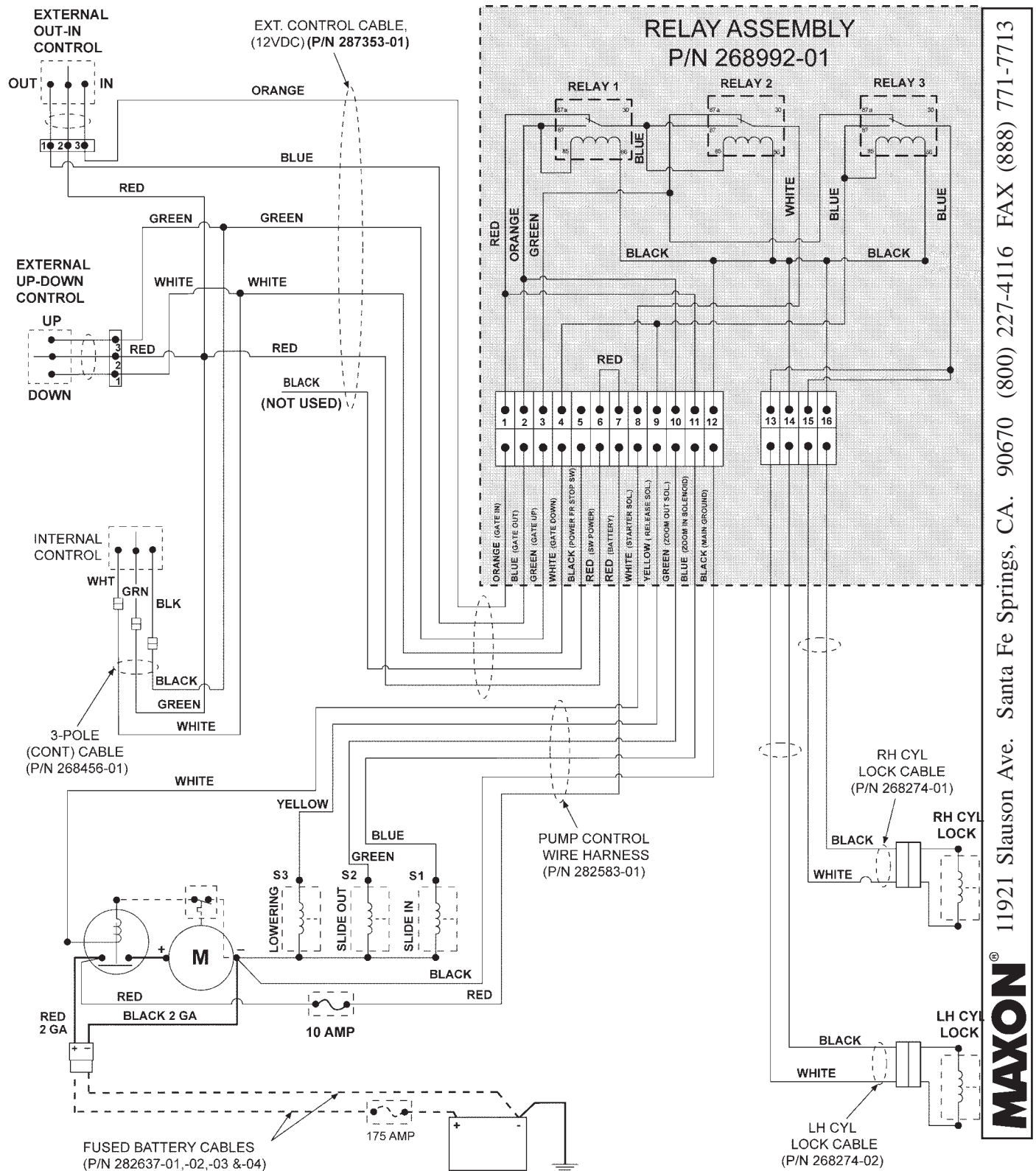


FIG. 97-1

TROUBLESHOOTING

TO BE PROVIDED IN FUTURE UPDATE

MAXON®

11921 Slauson Ave. Santa Fe Springs, CA. 90670 (800) 227-4116 FAX (888) 771-7713

