

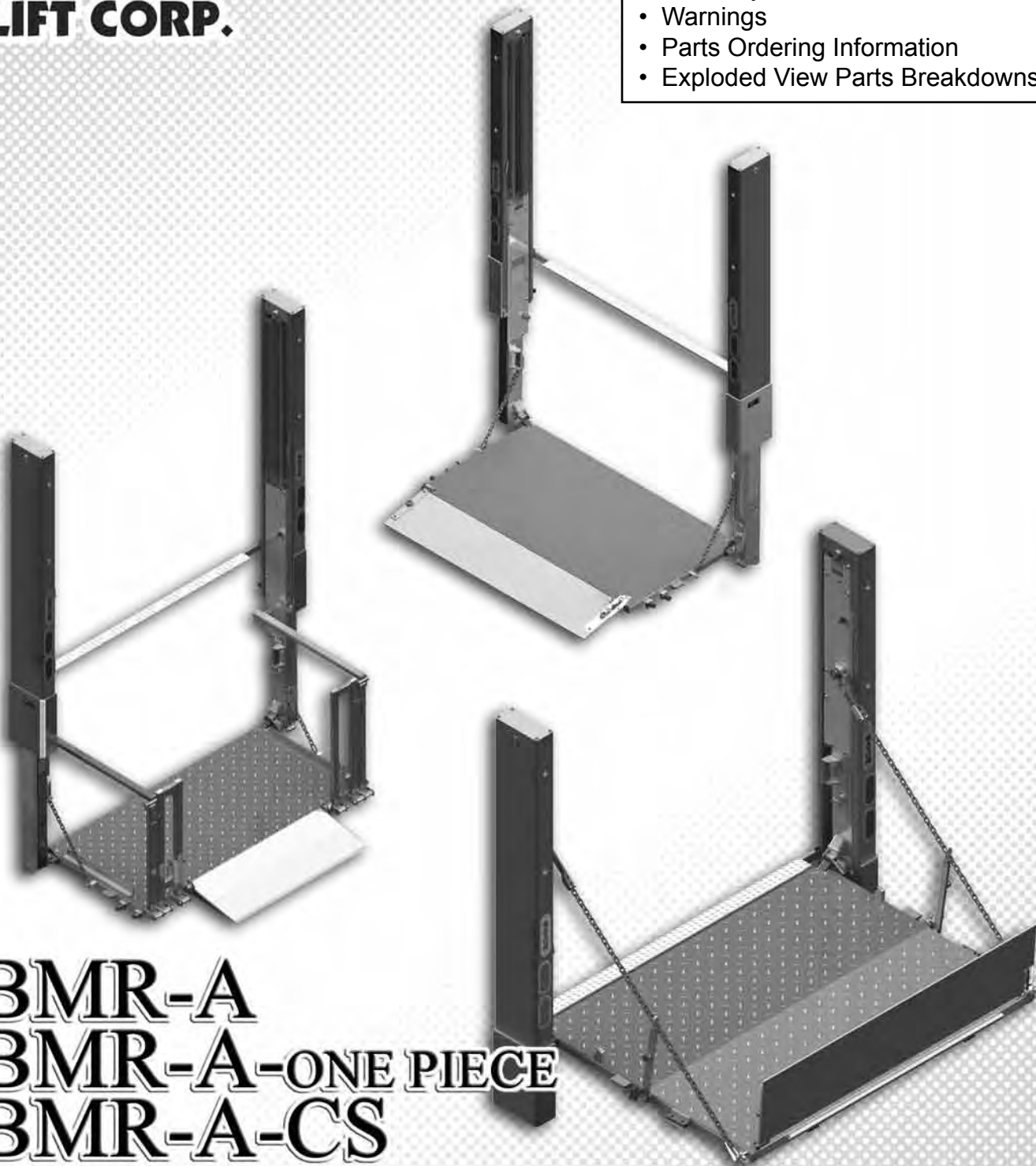
MAXON[®]

LIFT CORP.

M-02-23
REV. E
AUGUST 2010

Parts Manual Contains:

- Warranty Information
- Warnings
- Parts Ordering Information
- Exploded View Parts Breakdowns



BMR-A BMR-A-ONE PIECE BMR-A-CS PARTS MANUAL

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.

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Comply with the following **WARNINGS** while maintaining Liftgates.

WARNING

- Read and understand the instructions in **Maintenance Manuals** before performing maintenance on the Liftgate.
- **Disconnect Liftgate power cable from battery** before repairing or servicing 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.
- Never perform unauthorized modifications on the Liftgate. Modifications may result in early failure of the Liftgate and may create hazards for Liftgate operators and maintainers.
- 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 can result from welds that are done incorrectly.
- Recommended practices for welding on aluminum parts are contained in the current **AWS (American Welding Society) D2.1 Structural Welding Code - Aluminum**. Damage to Liftgate and/or vehicle, and personal injury can result from welds that are done incorrectly.

ORDERING PARTS

- Use only **Maxon Authorized Parts** for replacement parts. Order replacement parts from:
MAXON LIFT CORP. Customer Service
11921 Slauson Ave., Santa Fe Springs, CA 90670
Phone: (800) 227-4116
- To order parts by e-mail, submit orders to **cservice@maxonlift.com**.
- Provide Liftgate model and serial number information with your parts order.
- Need Technical Support? Send requests by e-mail to **technicalsupport@maxonlift.com**.
- For latest version Manuals (and replacements), download Manuals from Maxon's website at **www.maxonlift.com**.



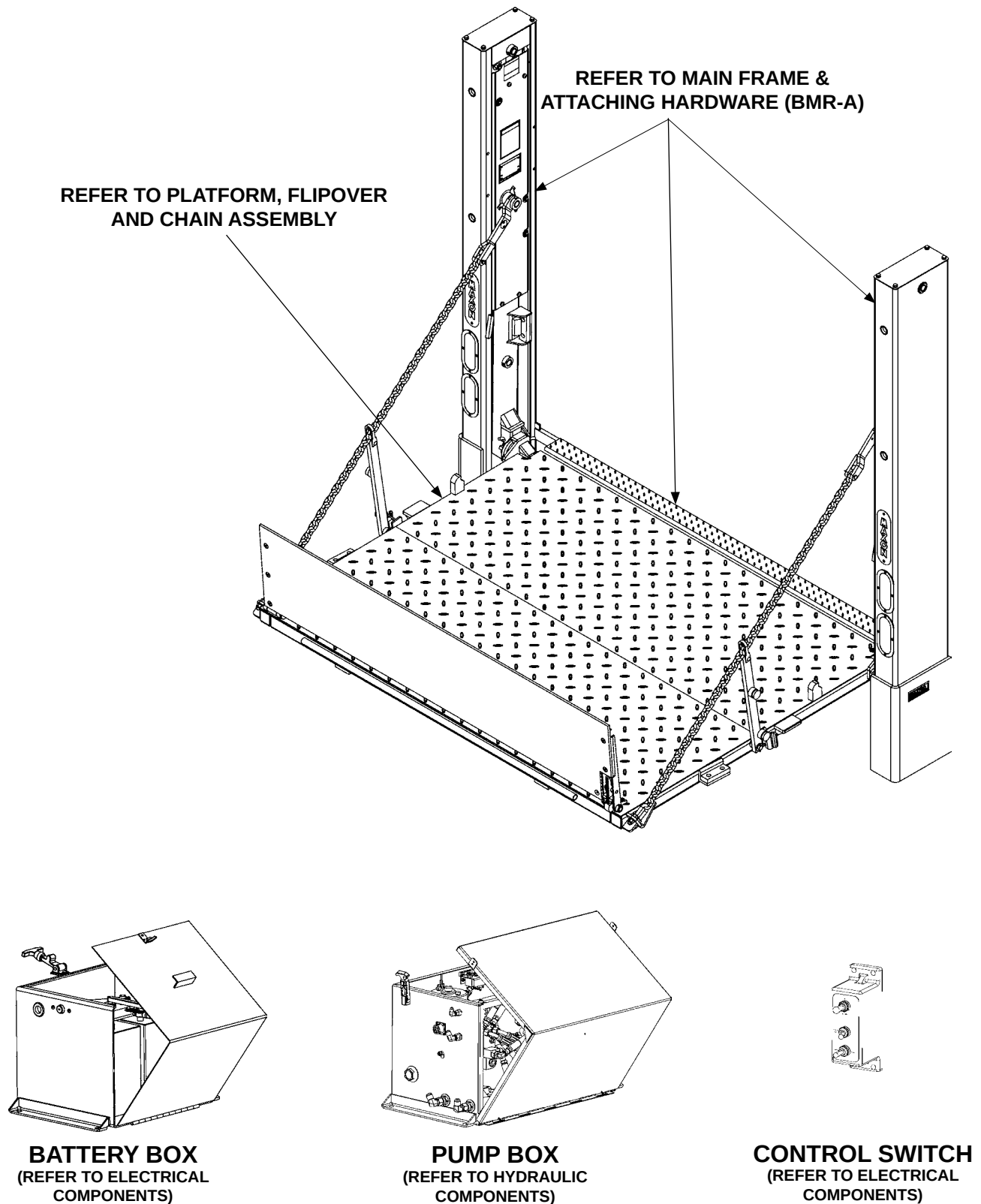
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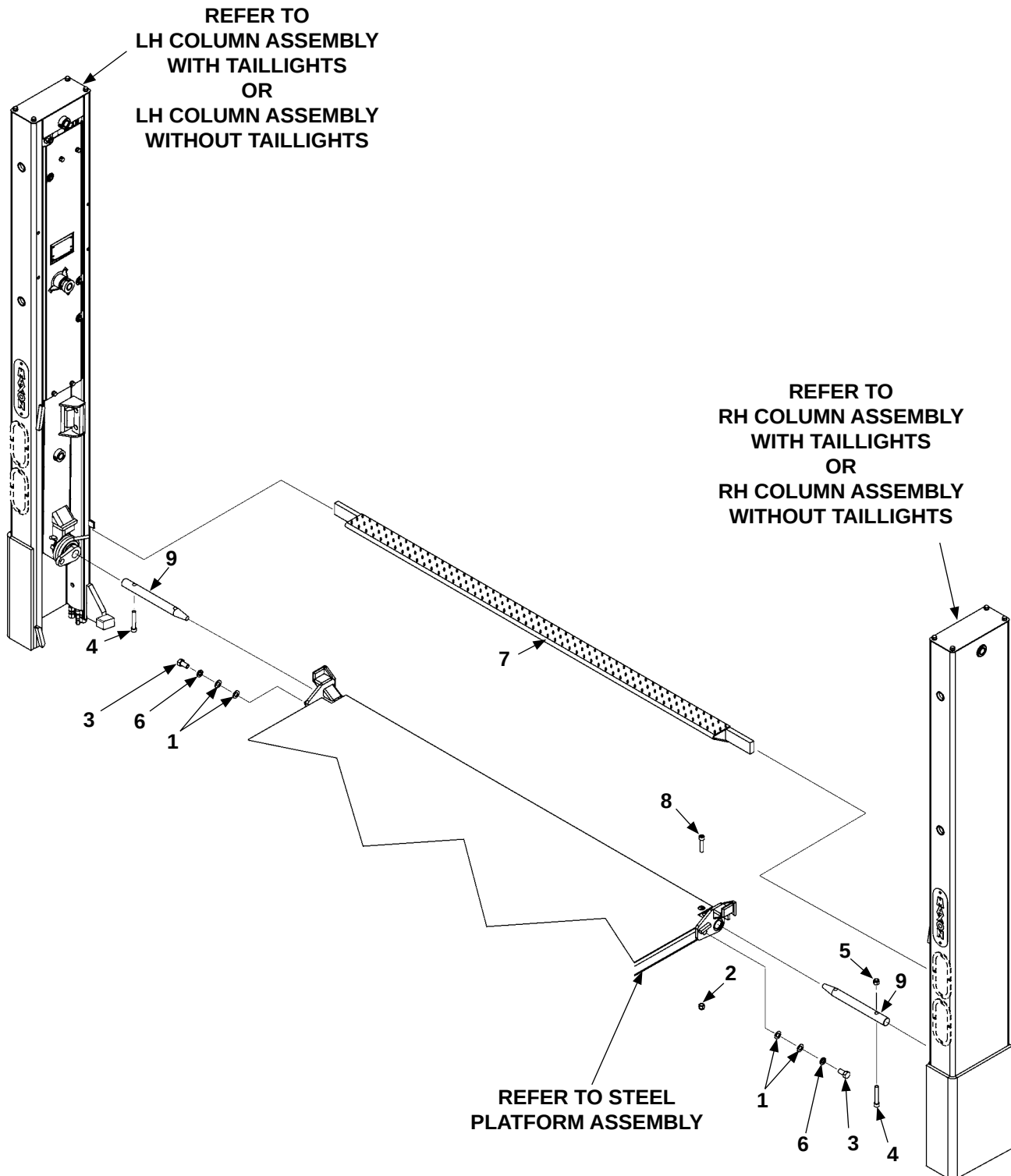
BMR-A LIFTGATE SECTION

BMR-A LIFTGATE

(WITH TAILLIGHTS & WITHOUT TAILLIGHTS)

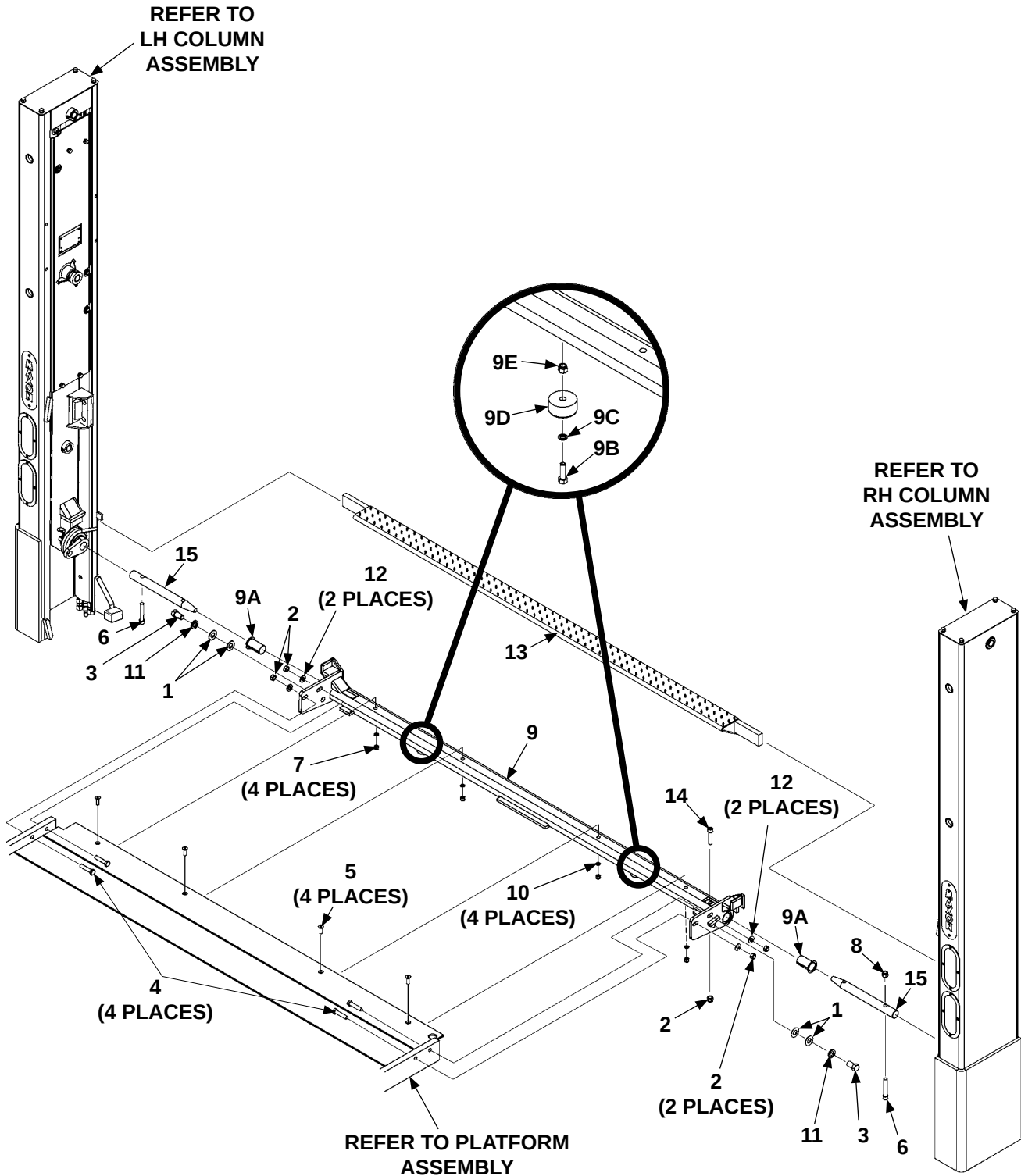


MAIN FRAME & ATTACHING HARDWARE (BMR-A) - STEEL PLATFORM



ITEM	QTY.	PART NO.	DESCRIPTION
1	4	902000-20	FLAT WASHER, 3/4"
2	1	040066	LOCK NUT, 1/2"-13
3	2	260181	BOLT, 3/4"-10 X 1-1/4" LG.
4	2	900037-11	SOCKET HEAD CAP SCREW, 1/2"-13 X 2-1/4" LG, GR8
5	1	901008	NYLON LOCK NUT, 1/2"-20
6	2	902011-9	LOCK WASHER, 3/4"
7	1	280340-01	EXTENSION PLATE, 96" UNIT
		280340-02	EXTENSION PLATE, 102" UNIT
8	1	900036-10	SOCKET HEAD CAP SCREW, 1/2"-20 X 3" LG, GR8
9	2	280103	PIN, 13" LG, STAINLESS STEEL

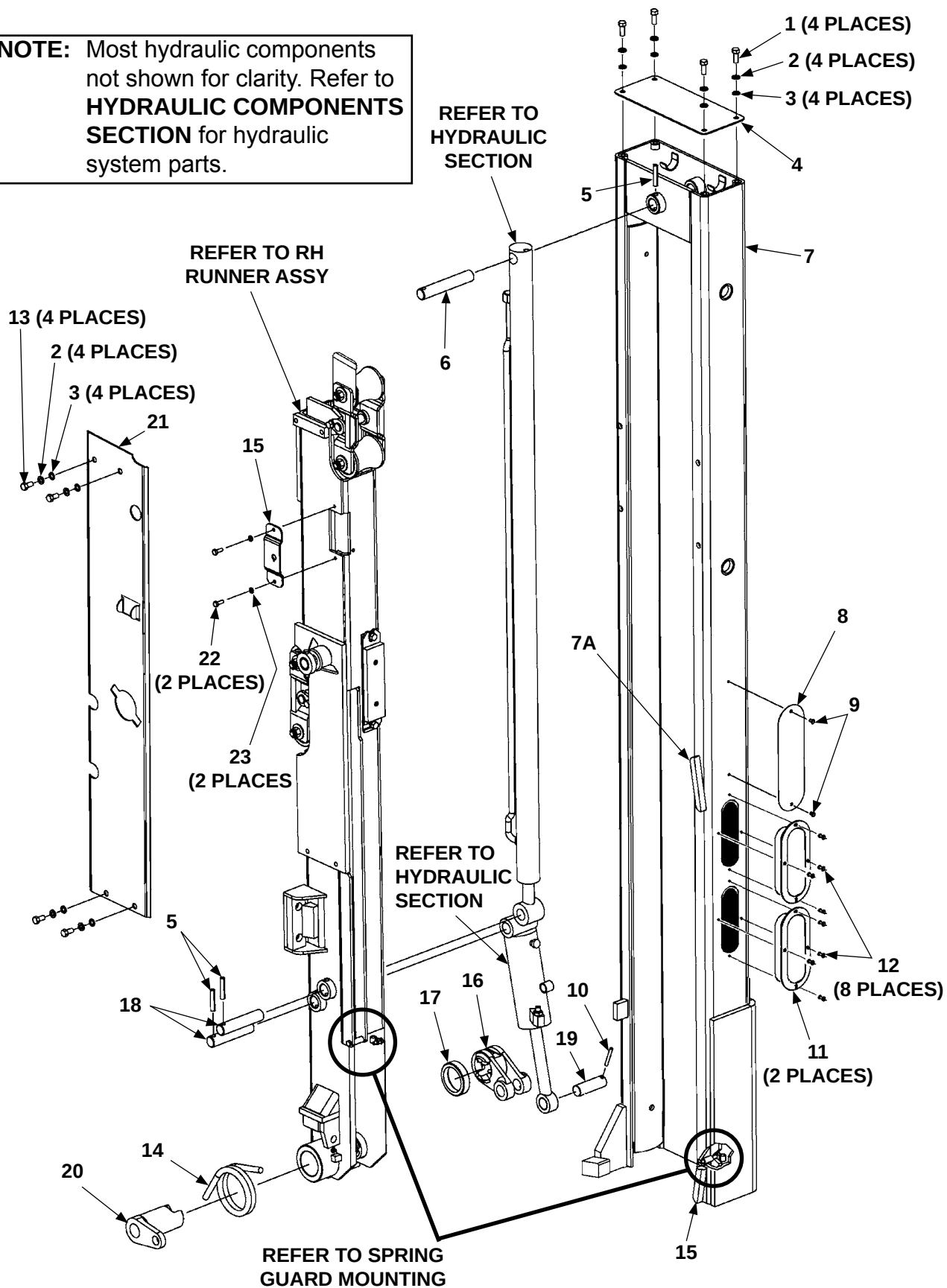
MAIN FRAME & ATTACHING HARDWARE (BMR-A) - ALUMINUM PLATFORM



ITEM	QTY.	PART NO.	DESCRIPTION
1	4	902000-20	FLAT WASHER, 3/4"
2	5	040066	LOCK NUT, 1/2"-13
3	2	260181	BOLT, 3/4"-10 X 1-1/4" LG.
4	4	900035-6	HEX HEAD CAP SCREW, 1/2"-13 X 2-1/4" LG, GR8
5	4	900040-5	SOCKET HEAD SCREW, FLAT, 3/8"-16 X 1-1/4" LG.
6	2	900037-11	SOCKET HEAD CAP SCREW, 1/2"-13 X 2-1/4" LG, GR8
7	4	901002	NYLON LOCK NUT, 3/8"-16
8	1	901008	NYLON LOCK NUT, 1/2"-20
9	1	282622-01	CONNECTOR BAR ASSEMBLY, 96" WIDE
		282622-02	CONNECTOR BAR ASSEMBLY, 102" WIDE
9A	2	905200	BEARING, SELF LUBE, 2-1/4" I.D. X 2-1/2" LG.
9B	2	900014-5	HEX HEAD BOLT, 3/8"-16 X 1-1/4" LG.
9C	2	902000-10	FLAT WASHER, 3/8"
9D	2	253516	RUBBER BUMPER
9E	2	901002	NYLON LOCK NUT, 3/8"-16
10	4	902001-2	FLAT WASHER, 3/8"
11	2	902011-9	LOCK WASHER, 3/4"
12	4	902013-13	FLAT WASHER, 1/2"
13	1	280340-01	EXTENSION PLATE, 96" UNIT
		280340-02	EXTENSION PLATE, 102" UNIT
14	1	900036-10	SOCKET HEAD CAP SCREW, 1/2"-20 X 3" LG, GR8
15	2	280103	PIN, 13" LG, STAINLESS STEEL

RH COLUMN ASSEMBLY (WITH TAILLIGHTS)

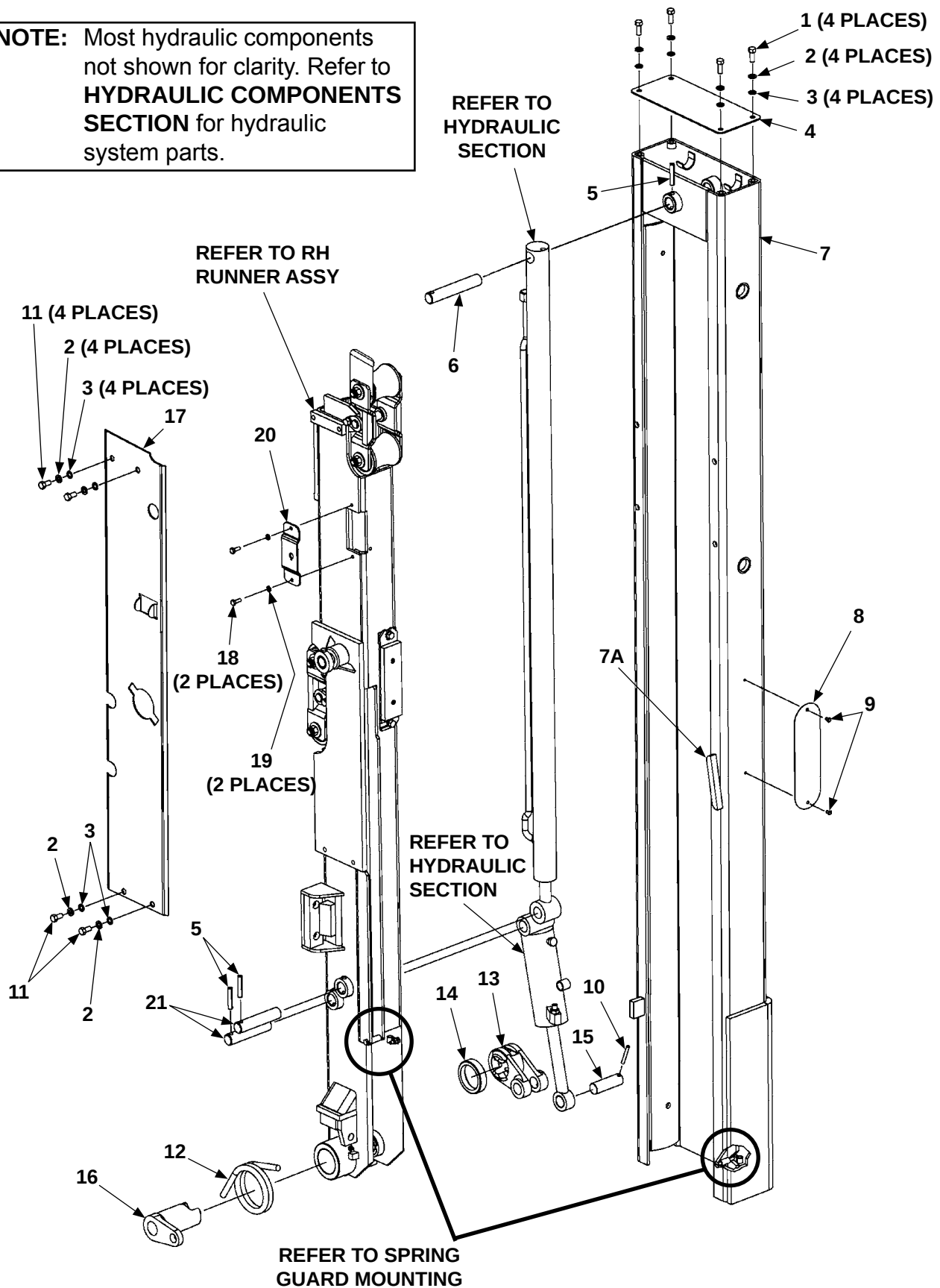
NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC COMPONENTS SECTION** for hydraulic system parts.



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281603-01	RH COLUMN ASSEMBLY (BMR-A 35/44)
		281603-02	RH COLUMN ASSEMBLY (BMR-A 55/66)
1	4	900014-4	HEX HEAD BOLT, 3/8"-16 X 1" LG, GR8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	3	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 5-7/8" LG.
7	1	281605-01	RH COLUMN
7A	2	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" WIDE X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	1	905033-5	ROLL PIN
11	2	265924-01	LIGHT, STOP/TAIL/TURN LED
12	4	904005-2	POP RIVET, STAINLESS STEEL, 3/16" X 9/16" LG.
13	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG.
14	1	260179	TORSION SPRING
15	1	253694	SWITCH PLATE
16	1	260517	COUPLING INSIDE CASTING
17	1	253695	BUSHING, 3/4"
18	2	253590	PIN, 4-3/4" LG.
19	1	253772	PIN, 3-3/32" LG.
20	1	260516-01	COUPLING OUTSIDE, MACHINED
21	1	268541-01	COLUMN COVER, RH
22	2	900000-1	HEX HEAD BOLT, 1/4"-20 X 5/8" LG, GR8
23	2	902011-2	LOCK WASHER, 1/4"

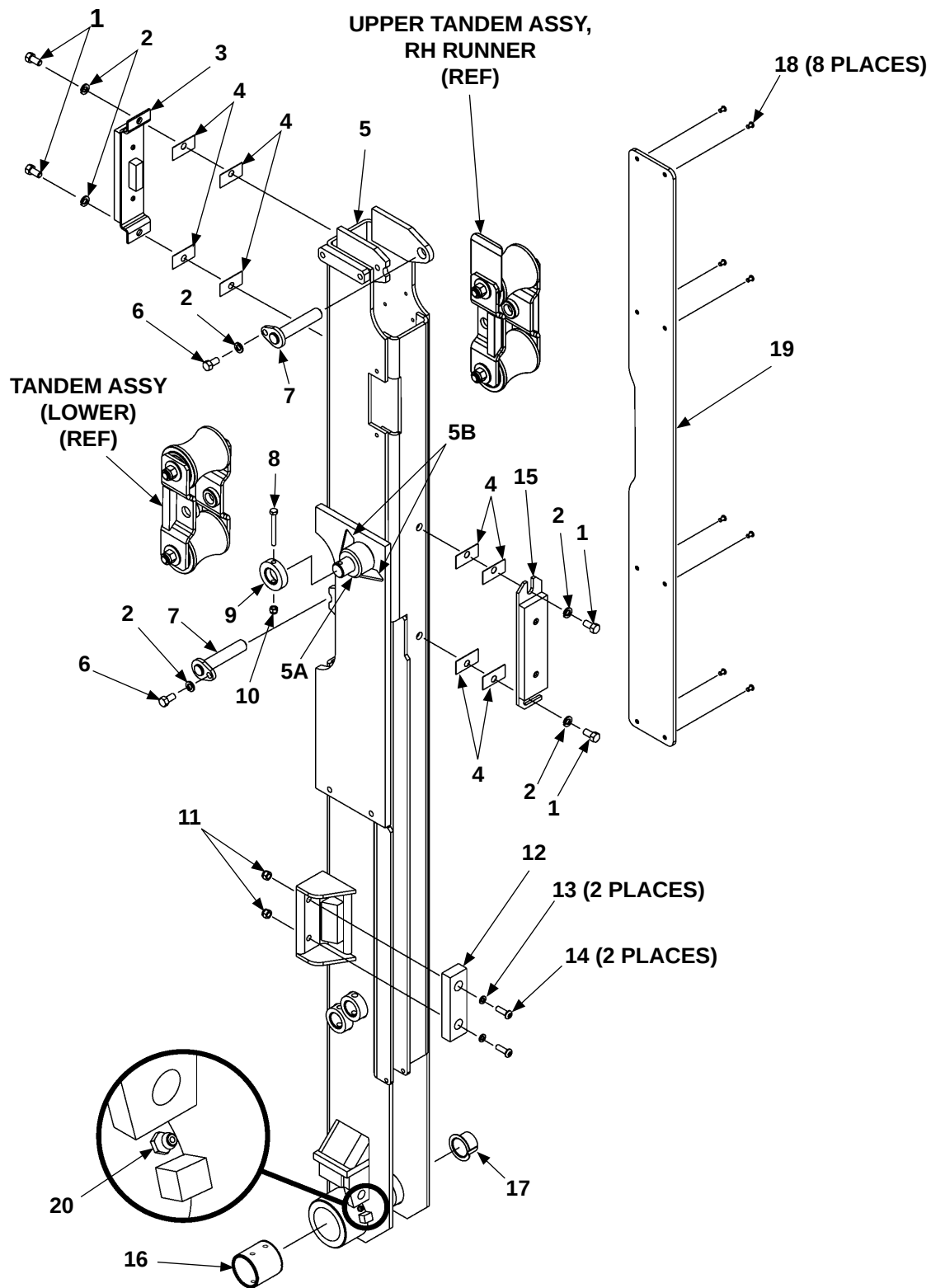
RH COLUMN ASSEMBLY (WITHOUT TAILLIGHTS)

NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC COMPONENTS SECTION** for hydraulic system parts.



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281603-11	RH COLUMN ASSEMBLY
1	4	900014-4	HEX HEAD BOLT, 3/8"-16 X 1" LG, GR8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	3	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 1" DIA. X 5-7/8" LG.
7	1	281605-11	RH COLUMN
7A	1	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" WIDE X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	1	905033-5	ROLL PIN
11	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG.
12	1	260179	TORSION SPRING
13	1	260517	COUPLING INSIDE CASTING
14	1	253695	BUSHING, 3/4"
15	1	253772	PIN, 3-3/32" LG.
16	1	260516-01	COUPLING OUTSIDE, MACHINED
17	1	268541-01	COLUMN COVER, RH
18	2	900000-1	HEX HEAD BOLT, 1/4"-20 X 5/8" LG, GR8
19	2	902011-2	LOCK WASHER, 1/4"
20	1	253694	SWITCH PLATE
21	2	253590	PIN, 4-3/4" LG.

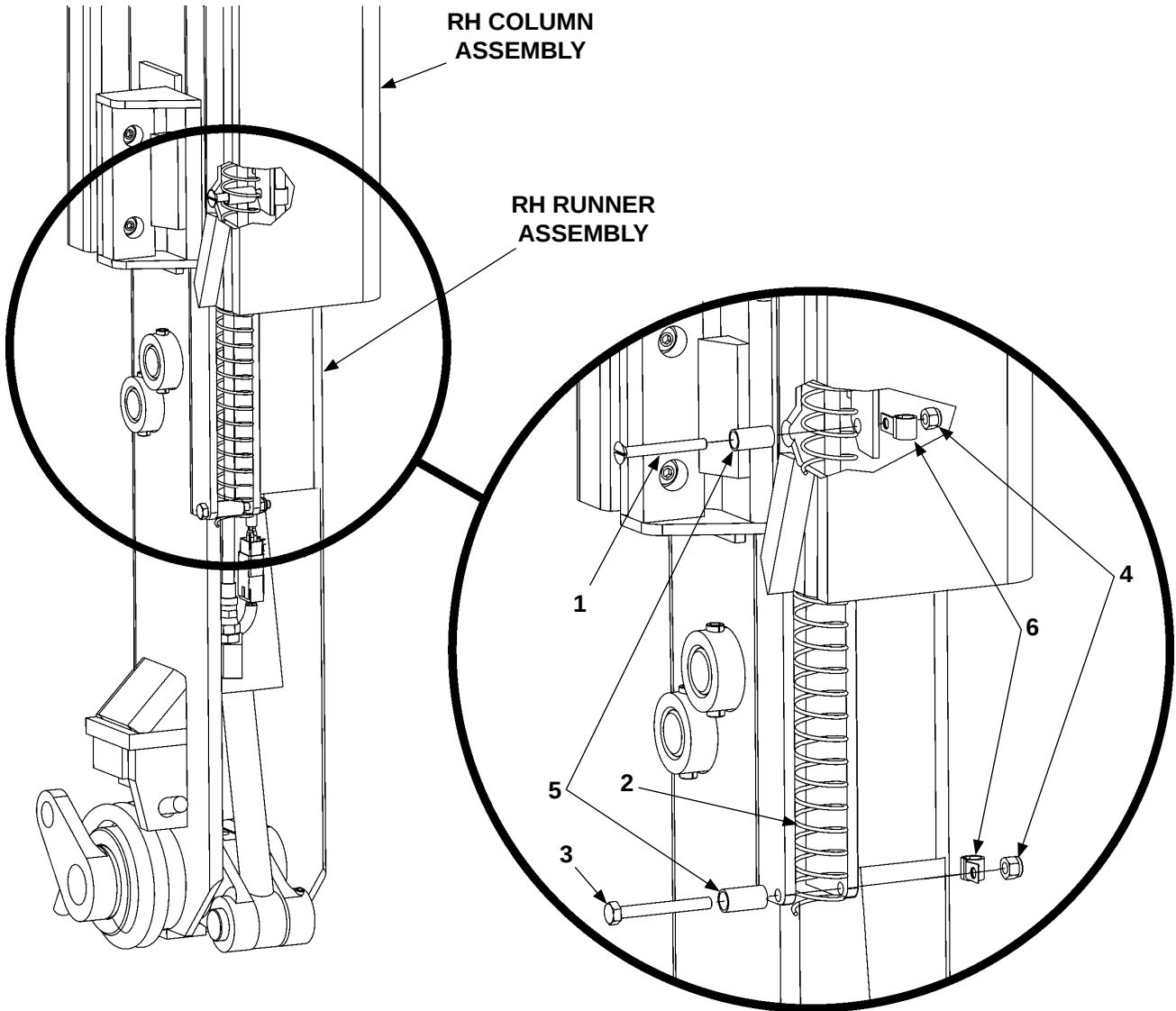
RH RUNNER ASSEMBLY (BMR-A)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280706-01	RH RUNNER ASSEMBLY
1	4	900014-12	HEX HEAD CAP SCREW, 3/8"-16 X 5/8" LG, GR8
2	6	902011-4	LOCK WASHER, 3/8"
3	1	263221	UPPER PAD SUPPORT ASSEMBLY
4	A/R	263030	SPACER
5	1	280704-01	RH RUNNER
5A	1	253614	CHAIN BRACKET WELDMENT
5B	2	253645	GUSSET, CHAIN BRACKET
6	2	900014-3	HEX HEAD CAP SCREW, 3/8" - 16 X 3/4" LG, GR8
7	2	280067	ARM WELDMENT
8	1	900000-10	BOLT, 1/4"-20 X 2-1/2" LG, GR8
9	1	253615	PIN COLLAR, 1/2"
10	1	901000	NYLON LOCK NUT, 1/4"-20
11	2	901001	NYLON LOCK NUT, 5/16"-18
12	1	225278-02	BUMPER, RUBBER
13	2	902013-10	FLAT WASHER, 5/16"
14	2	900001-4	BUTTON HEAD SCREW, 5/16"-18 X 1-1/4" LG.
15	1	263225	LOWER PAD SUPPORT ASSEMBLY
16	1	908011-01	BEARING, SELF LUBE, 2-1/2" DIA. X 2-1/8" LG.
17	1	253595	BEARING, SELF LUBE, 1-1/4" DIA. X 1" LG.
18	8	207644	POP RIVET, 3/16" X .40" LG.
19	1	253543	PAD
20	1	224342	GREASE FITTING 1/4"

NOTE: A/R means As Required.

SPRING GUARD MOUNTING

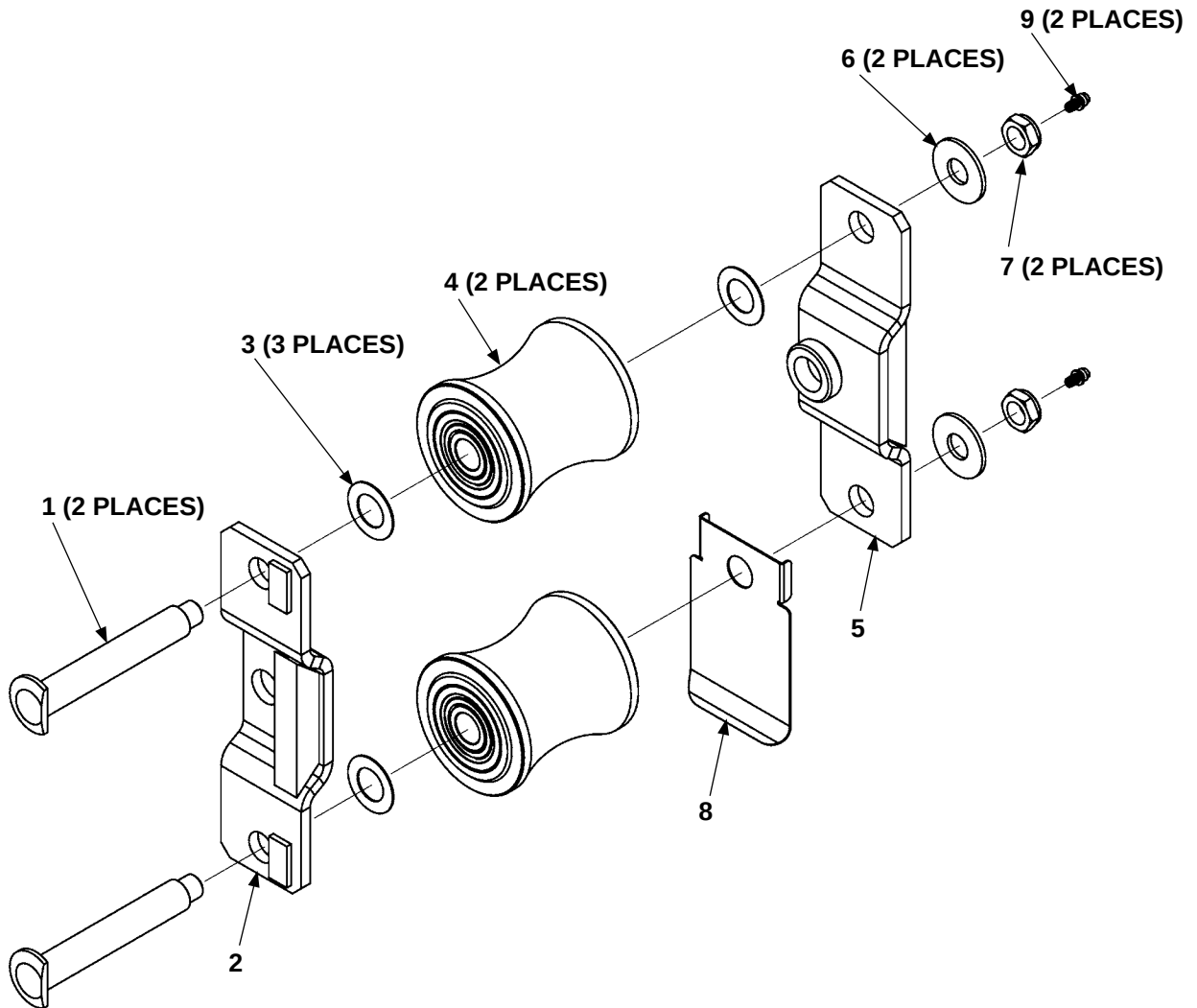


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	260299	FLAT HEAD SCREW, 1/4"-20 X 2-1/2" LG.
2	1	253603-01	SPRING GUARD
3	1	900000-9	HEX HEAD BOLT, 1/4"-20 X 2-1/4" LG, GR8
4	2	901000	NYLON LOCK NUT, 1/4"-20
5	2	253621	BUSHING, 1/2" DIA. X 15/16" LG.
6	2	214663	CLAMP, #8 RUBBER LOOM

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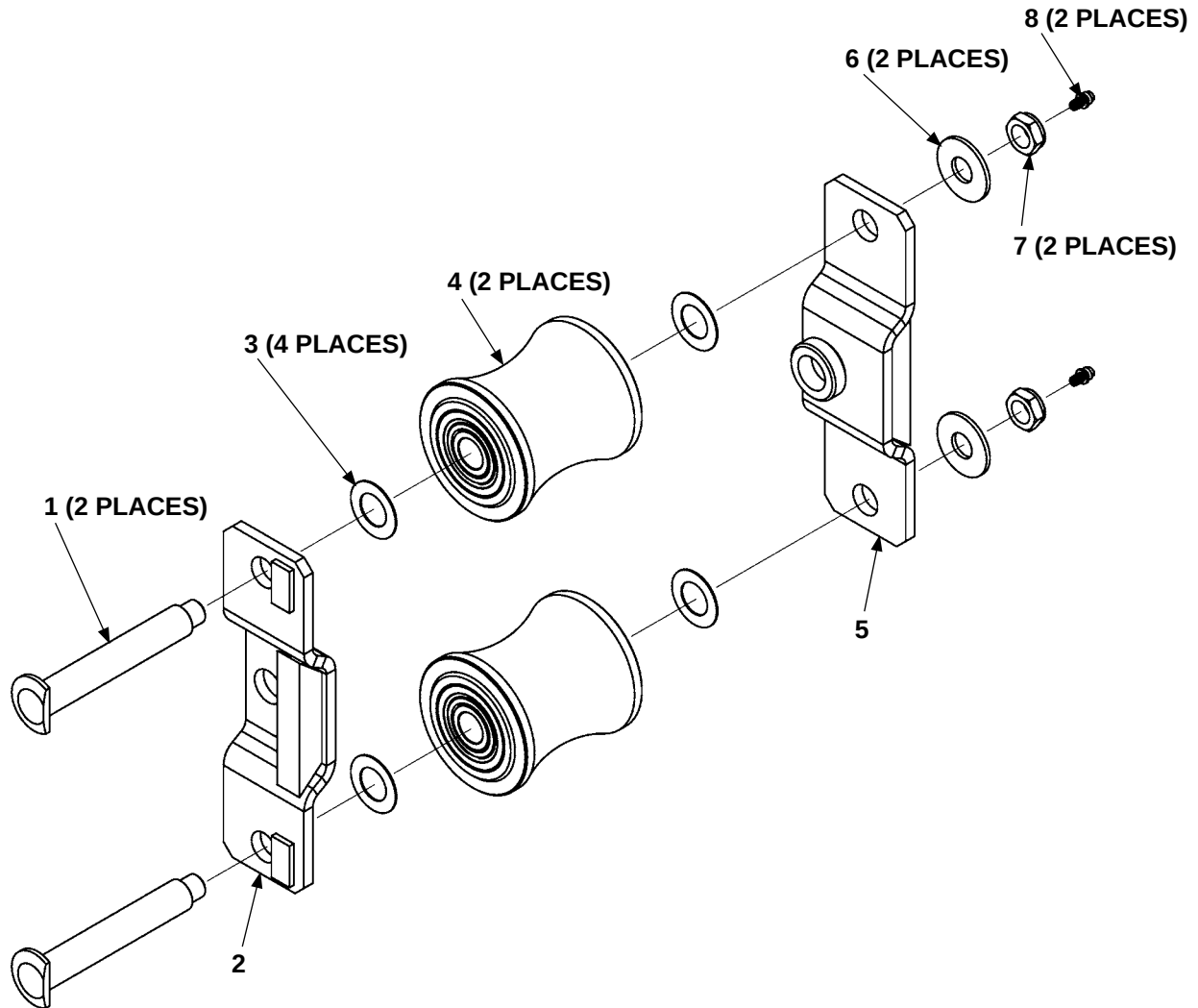
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UPPER TANDEM ASSEMBLY, RH RUNNER



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-03	UPPER TANDEM ASSEMBLY, RH RUNNER
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	3	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	1	280851-01	ROLLER COVER
9	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

TANDEM ASSEMBLY (LOWER - RH & LH RUNNERS)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-01	TANDEM ASSEMBLY (LOWER)
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	4	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

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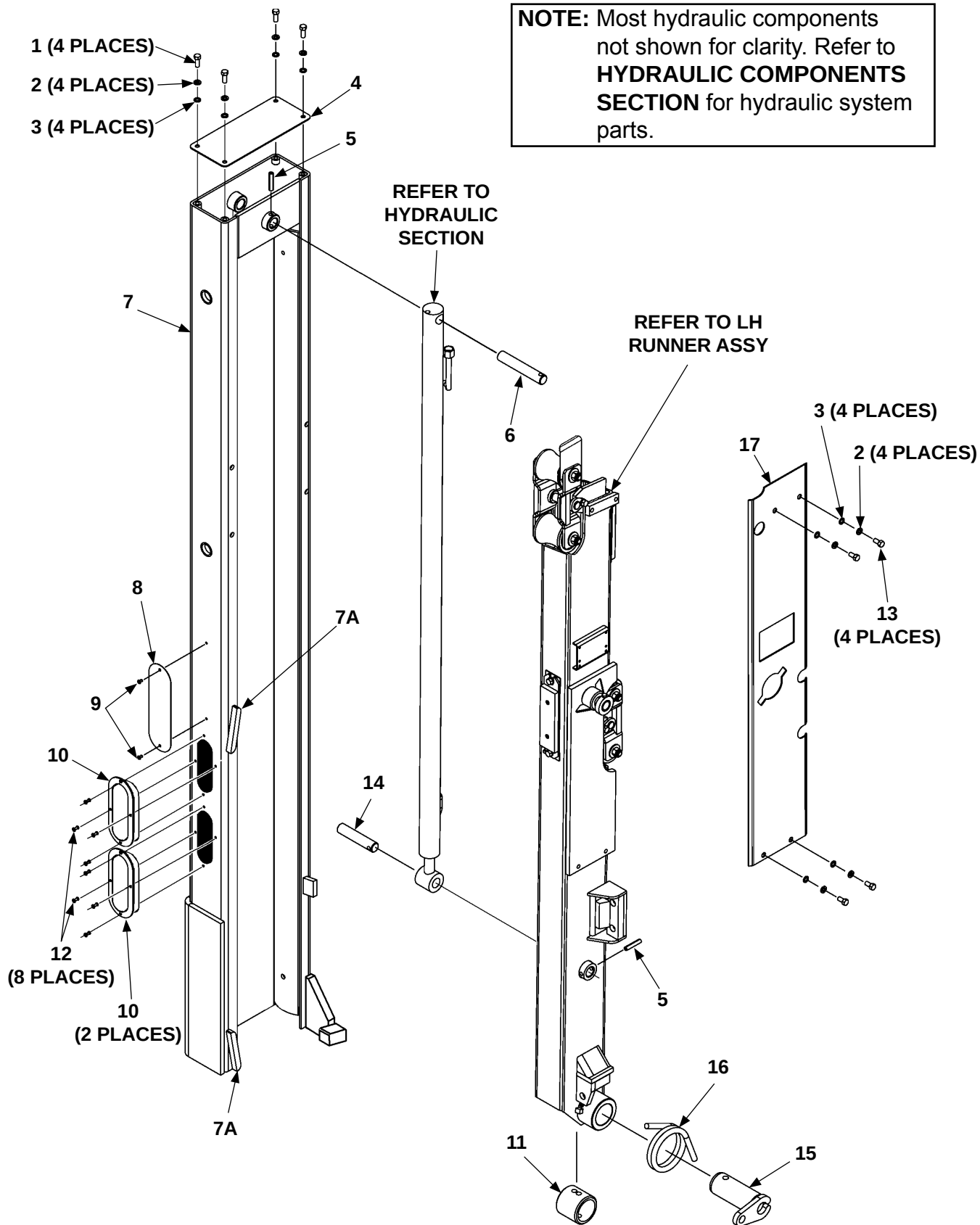
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LH COLUMN ASSEMBLY (WITH TAILLIGHTS)

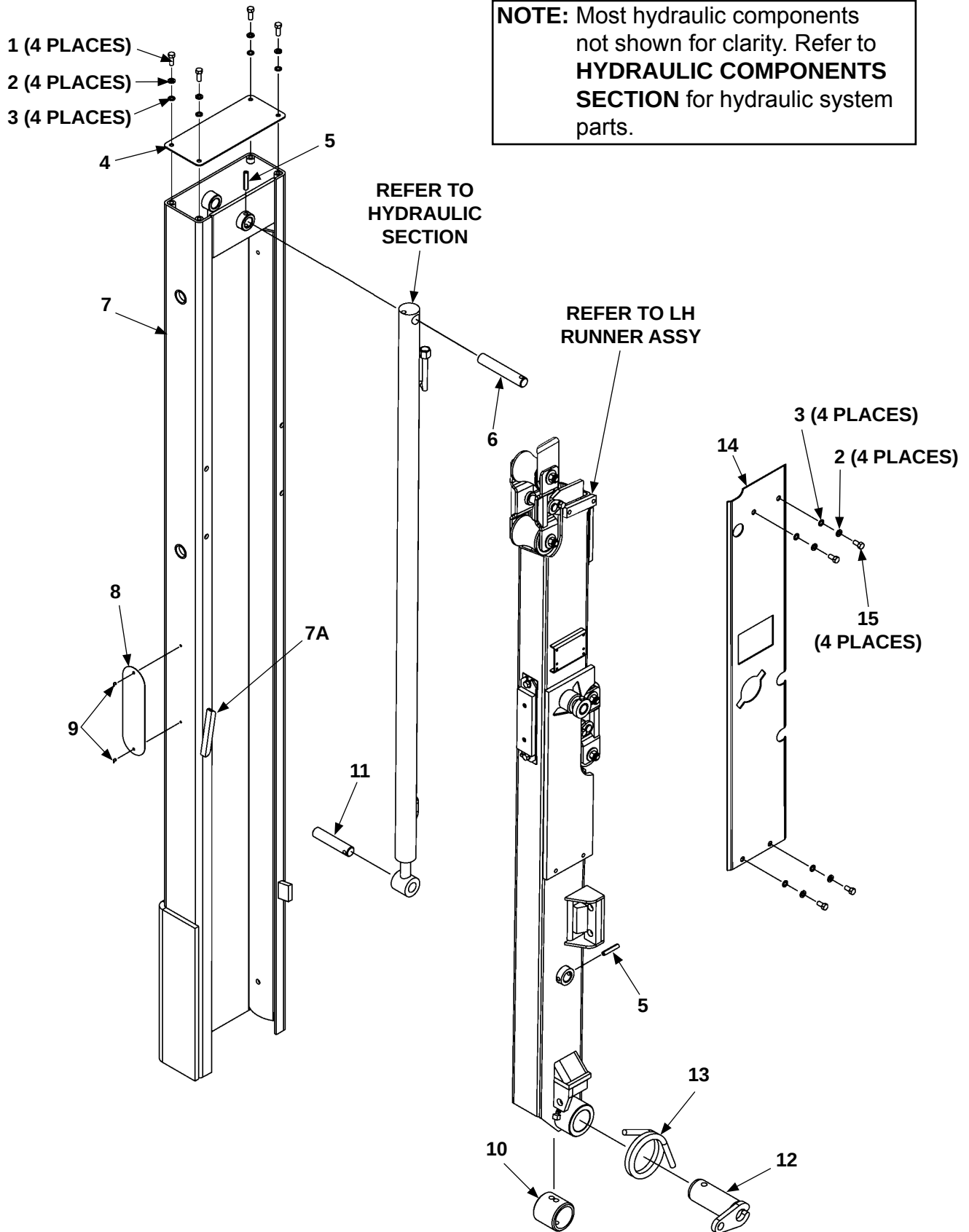


ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281602-01	LH COLUMN ASSEMBLY (BMR-A 35/44)
		281602-02	LH COLUMN ASSEMBLY (BMR-A 55/66)
1	4	900014-4	HEX HEAD CAP SCREW, 3/8"-16 X 1" LG, GR8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	2	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 5-7/8" LG.
7	1	281604-01	LH COLUMN
7A	2	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" WIDE X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	2	265924-01	LIGHT, STOP/TAI/TURN LED
11	1	253696	PIN COLLAR, 2-3/4" LG.
12	8	904005-2	POP RIVET, STAINLESS STEEL, 3/16" X 9/16" LG.
13	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG.
14	1	253590	PIN, 4-3/4" LG.
15	1	280623-01	COUPLING, LH, MACHINED
16	1	280620-01	TORSION SPRING, LH (BMRA)
17	1	280666-01	COLUMN COVER, LH

LH COLUMN ASSEMBLY (WITHOUT TAILLIGHTS)

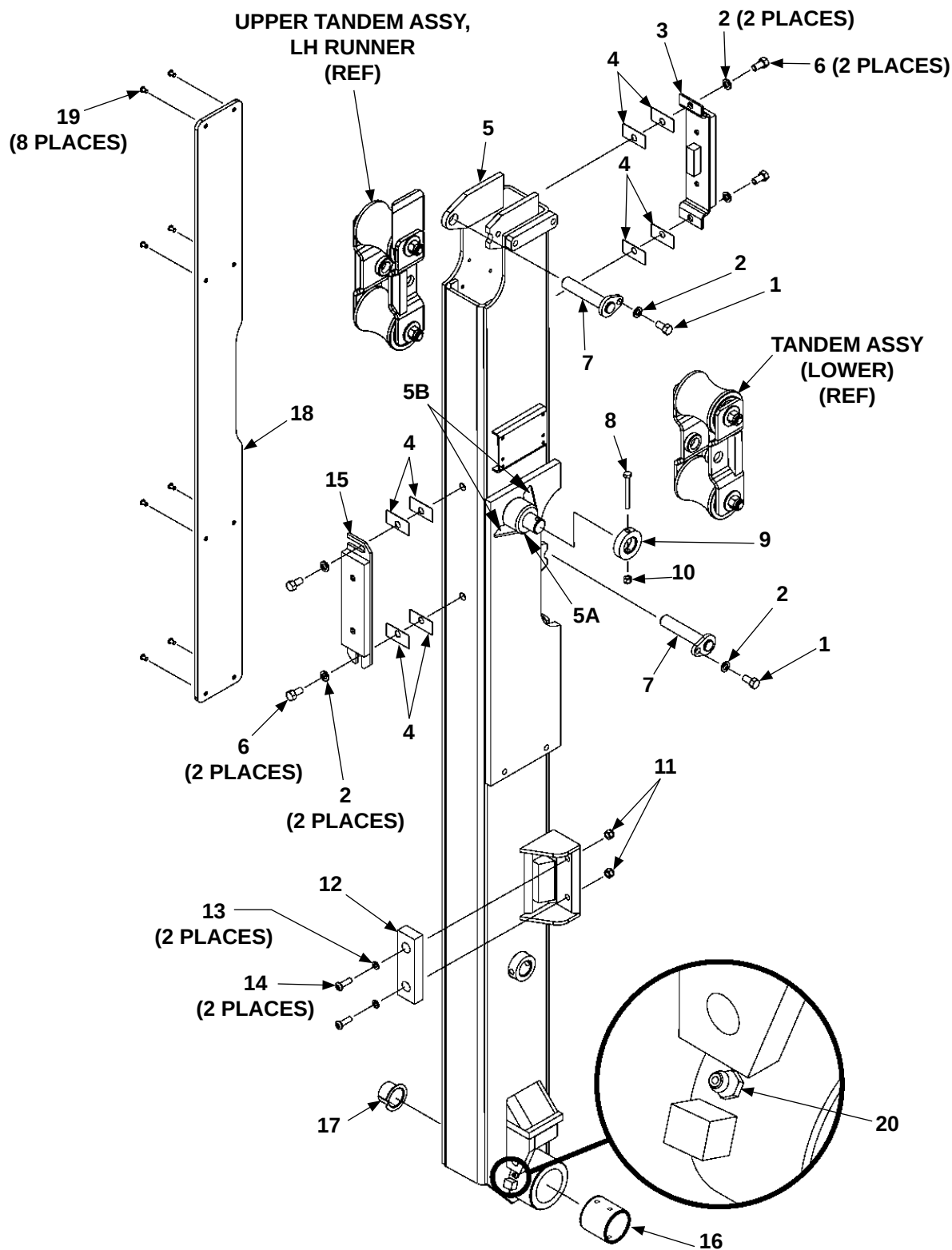
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281602-11	LH COLUMN ASSEMBLY
1	4	900014-4	HEX HEAD CAP SCREW, 3/8"-16 X 1" LG, GRADE 8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	2	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 5-7/8" LG.
7	1	281604-11	LH COLUMN
7A	1	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" WIDE X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	1	253696	PIN COLLAR, 2-3/4" LG.
11	1	253590	PIN, 4-3/4" LG.
12	1	280623-01	COUPLING, LH, MACHINED
13	1	280620-01	TORSION SPRING, LH BMRA
14	1	280666-01	COLUMN SIDE COVER
15	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG, GRADE 8

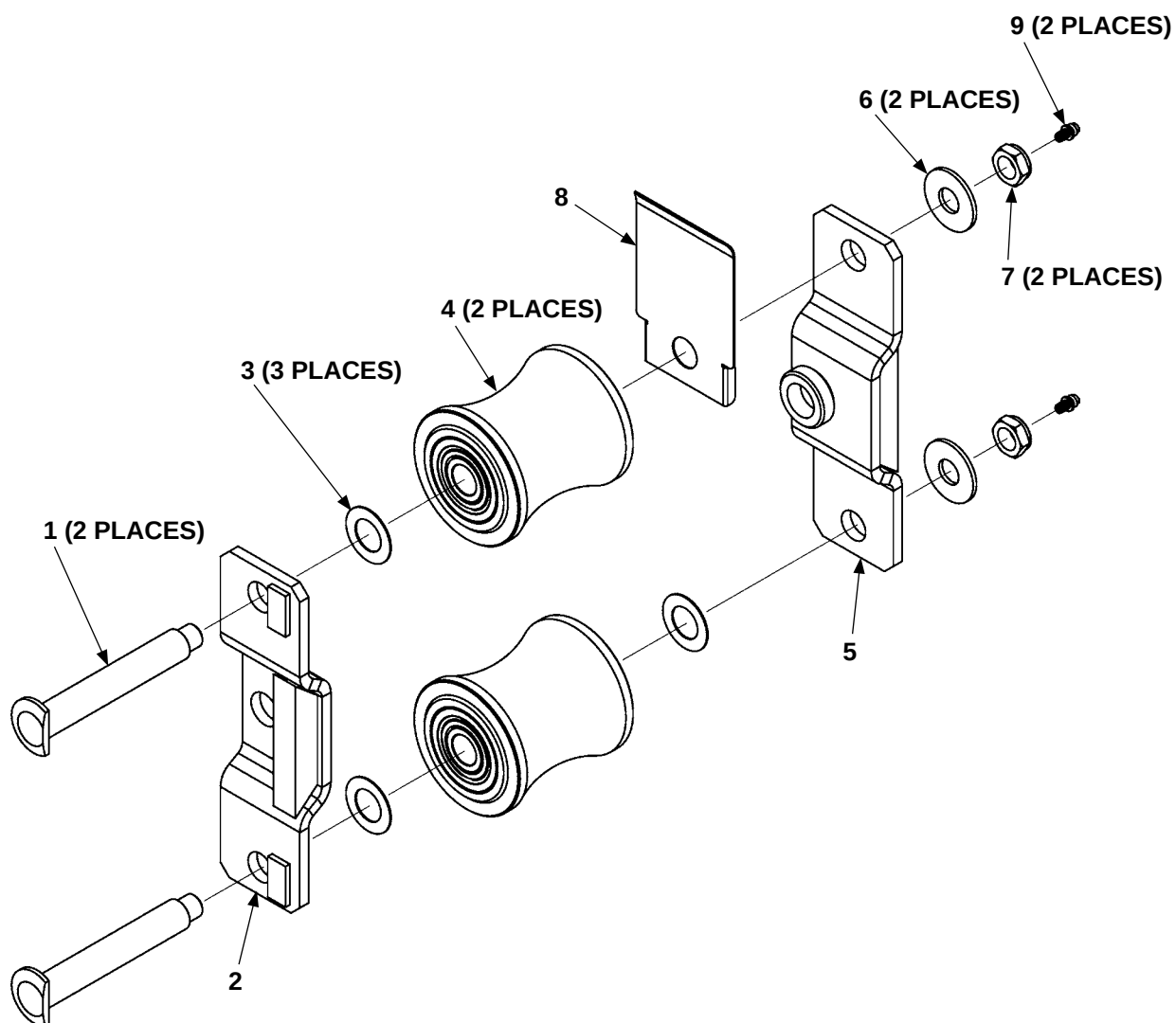
LH RUNNER ASSEMBLY (BMR-A)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280705-01	LH RUNNER ASSEMBLY
1	2	900014-3	HEX HEAD CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
2	6	902011-4	LOCK WASHER, 3/8"
3	1	263221	UPPER PAD SUPPORT ASSEMBLY
4	A/R	263030	SPACER
5	1	280703-01	LH RUNNER
5A	1	253614	CHAIN BRACKET WELDMENT
5B	2	253645	GUSSET, CHAIN BRACKET
6	4	900014-12	HEX HEAD CAP SCREW, 3/8" - 16 X 5/8" LG, GRADE 8
7	2	280067	ARM WELDMENT
8	1	900000-10	HEX HEAD BOLT, 1/4"-20 X 2-1/2" LG, GRADE 8
9	1	253615	PIN COLLAR, 1/2"
10	1	901000	NYLON LOCK NUT, 1/4"-20
11	2	901001	NYLON LOCK NUT, 5/16"-18
12	1	225278-02	BUMPER, RUBBER
13	2	902013-10	FLAT WASHER, 5/16"
14	2	900001-4	BUTTON HEAD SCREW, 5/16"-18 X 1-1/4" LG.
15	1	263225	LOWER PAD SUPPORT ASSEMBLY
16	1	908011-01	BEARING, SELF LUBE, 2.50" DIA. X 2-1/8" LG.
17	1	253595	BEARING, SELF LUBE, 1-1/4" DIA. X 1" LG.
18	1	253543	PAD
19	8	207644	POP RIVET, 3/16" X .40" LG.
20	1	224342	GREASE FITTING 1/4"

NOTE: A/R means As Required.

UPPER TANDEM ASSEMBLY, LH RUNNER



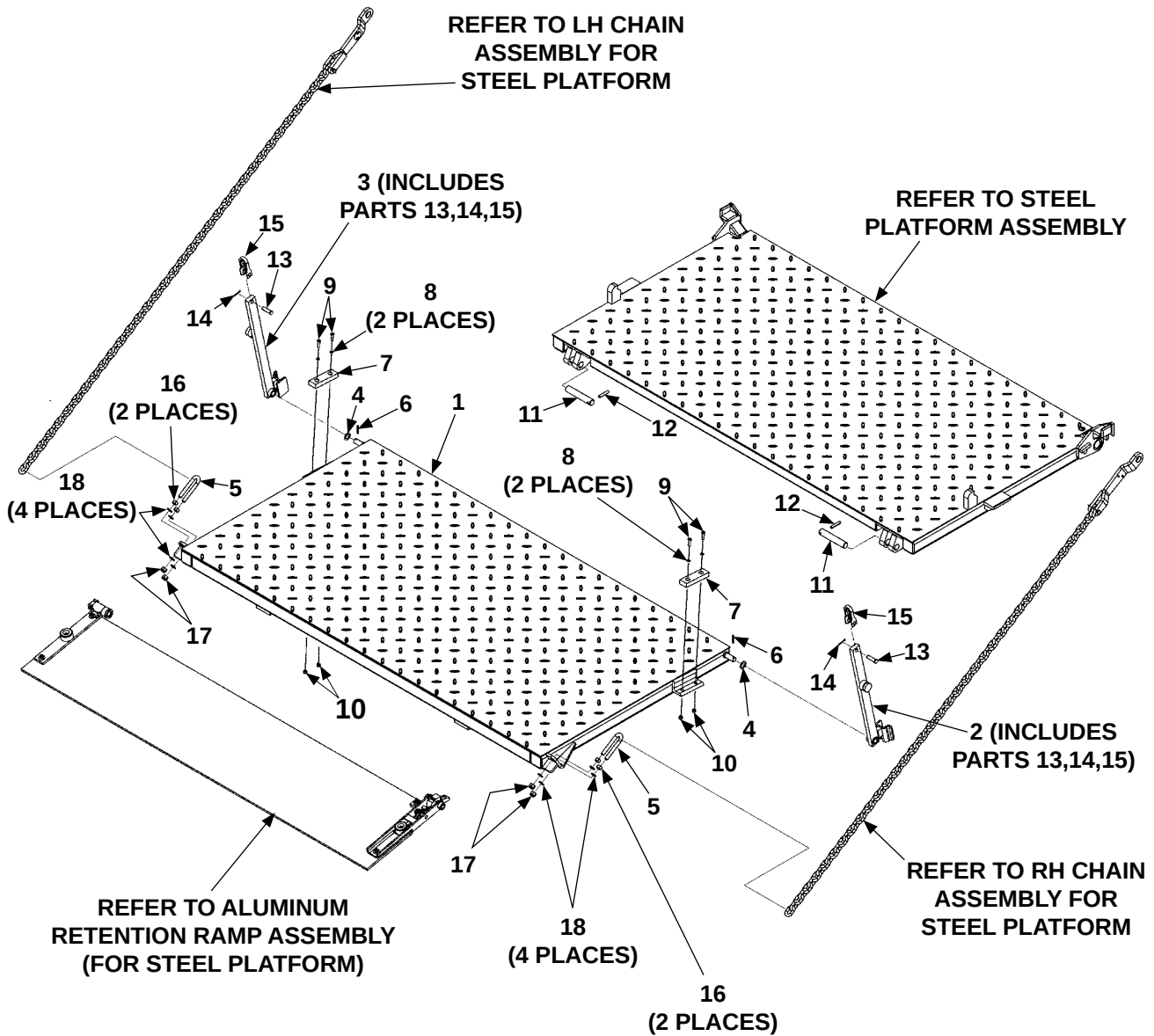
ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-02	UPPER TANDEM ASSEMBLY, LH RUNNER
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	3	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	1	280851-01	ROLLER COVER
9	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

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PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY (STEEL)

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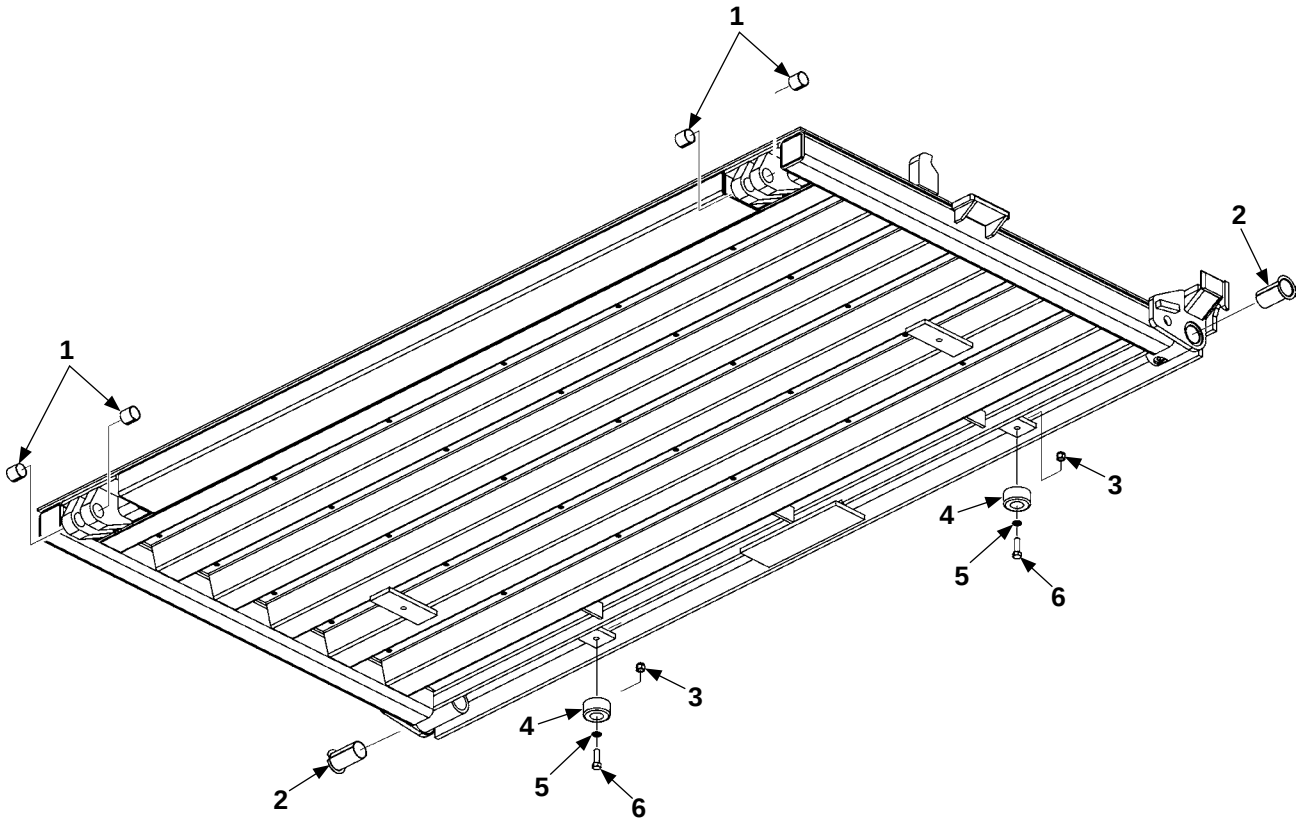
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ITEM	QTY.	DESCRIPTION	PART NO.			
			24" DEEP	30" DEEP	36" DEEP	42" DEEP
1	1	FLIPOVER, 96" WIDE VEHICLE (BMR-A 55-66)	282868-13	282868-01	282868-02	282868-03
		FLIPOVER, 102" WIDE VEHICLE (BMR-A 55-66)	282868-14	282868-04	282868-05	282868-06
		FLIPOVER, 96" WIDE VEHICLE (BMR-A 35-44)	282868-15	282868-07	282868-08	282868-09
		FLIPOVER, 102" WIDE VEHICLE (BMR-A 35-44)	282868-16	282868-10	282868-11	282868-12
2	1	OPENER ASSEMBLY RH, 30" + 30" *	280030-02			
		OPENER ASSEMBLY RH, 36" + 36" *	280030-04			
		OPENER ASSEMBLY RH, 42" + 42" *	280030-06			
		OPENER ASSEMBLY RH, 36" + 24" *	280030-08			
		OPENER ASSEMBLY RH, 42" + 30" *	280030-10			
3	1	OPENER ASSEMBLY LH, 30" + 30" *	280030-01			
		OPENER ASSEMBLY LH, 36" + 36" *	280030-03			
		OPENER ASSEMBLY LH, 42" + 42" *	280030-05			
		OPENER ASSEMBLY LH, 36" + 24" *	280030-07			
		OPENER ASSEMBLY LH, 42" + 30" *	280030-09			
4	2	FLAT WASHER, 3/4" I.D. STAINLESS STEEL	261685			
5	2	U-BOLT	282854-01			
6	2	ROLL PIN, 3/16" X 1-1/2" LG.	905015-3			
7	2	BUMPER	225278-02			
8	4	FLAT WASHER, 5/16"	902013-10			
9	4	BUTTON HEAD SCREW, 5/16"-18 X 1-1/4" LG.	900001-4			
10	4	NYLON LOCK NUT, 5/16"-18	901001			
11	2	PIN, 5-1/2" LG.	253587			
12	2	ROLL PIN, 3/8" X 2" LG.	221416			
13	2	CLEVIS PIN, 1/2" X 1-7/8" LG, GRADE 8	905136-01			
14	2	COTTER PIN, 1/8" X 1" LG.	030805			
15	2	ANCHOR SHACKLE	280644-01			
16	4	NUT, 1/2"	901011-9			
17	4	NYLON LOCK NUT, 1/2"-13	901010			
18	8	FLAT WASHER, 1/2"	902000-14			

* PLATFORM + FLIPOVER DEPTH

PLATFORM ASSEMBLY (STEEL)



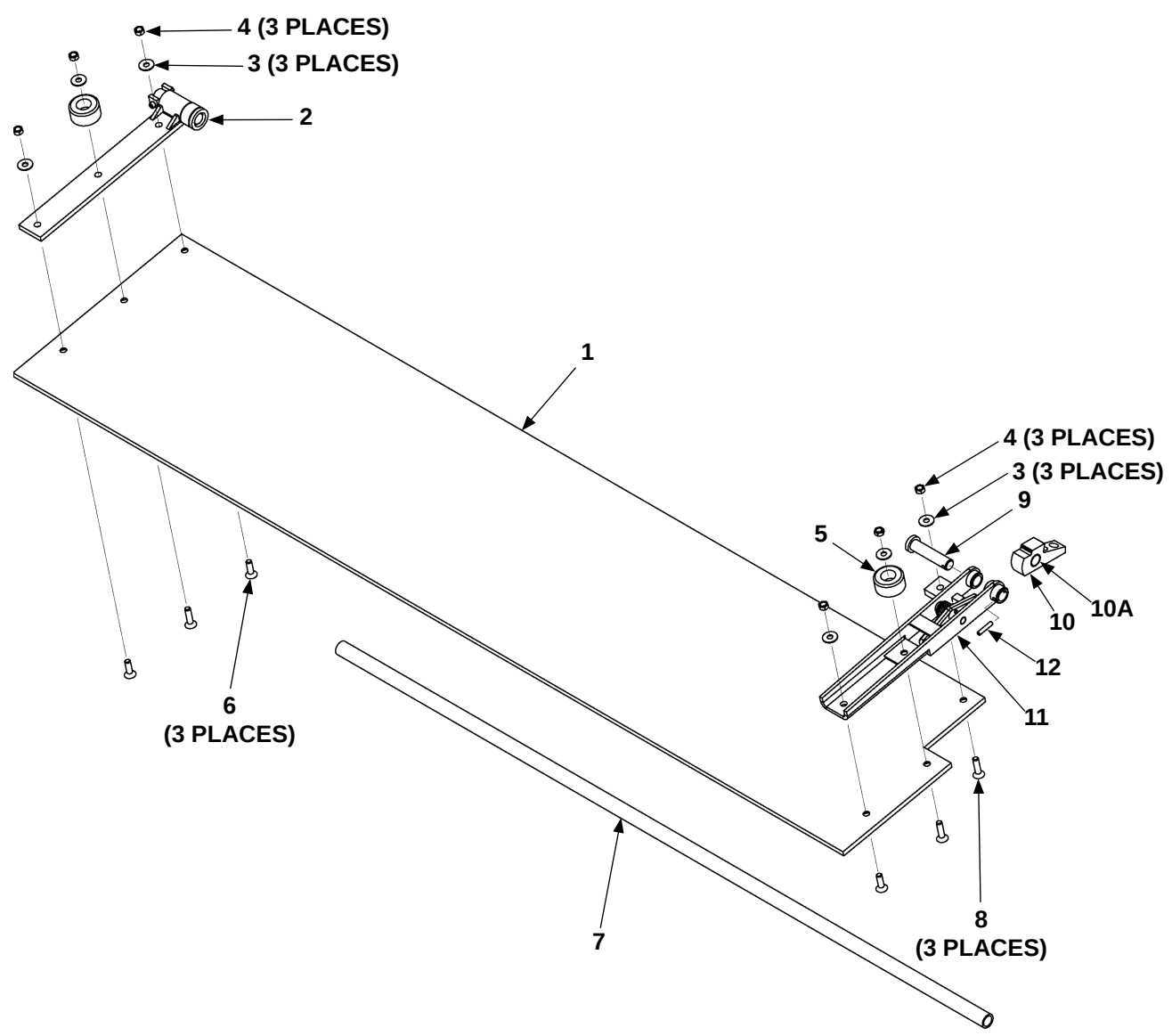
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ITEM	QTY.	DESCRIPTION	PART NO.			
			24" DEEP	30" DEEP	36" DEEP	42" DEEP
REF	1	PLATFORM, 96" WIDE VEHICLE (BMR 55-66)	N/A	282600-601	282600-602	282600-603
		PLATFORM, 102" WIDE VEHICLE (BMR 55-66)	N/A	282600-611	282600-612	282600-613
		PLATFORM, 96" WIDE VEHICLE (BMR 35-44)	N/A	282600-401	282600-402	282600-403
		PLATFORM, 102" WIDE VEHICLE (BMR 35-44)	N/A	282600-411	282600-412	282600-413
1	4	BEARING, SELF LUBE	253657			
2	2	BEARING, SELF LUBE, 2-1/4" DIA. X 2-1/2" LG.	905200			
3	2	NYLON LOCK NUT, 3/6"-16	901002			
4	2	RUBBER BUMPER	253516			
5	2	FLAT WASHER, 3/8"	902000-10			
6	2	HEX HEAD BOLT, 3/8"-16 X 1-1/4" LG.	900014-5			

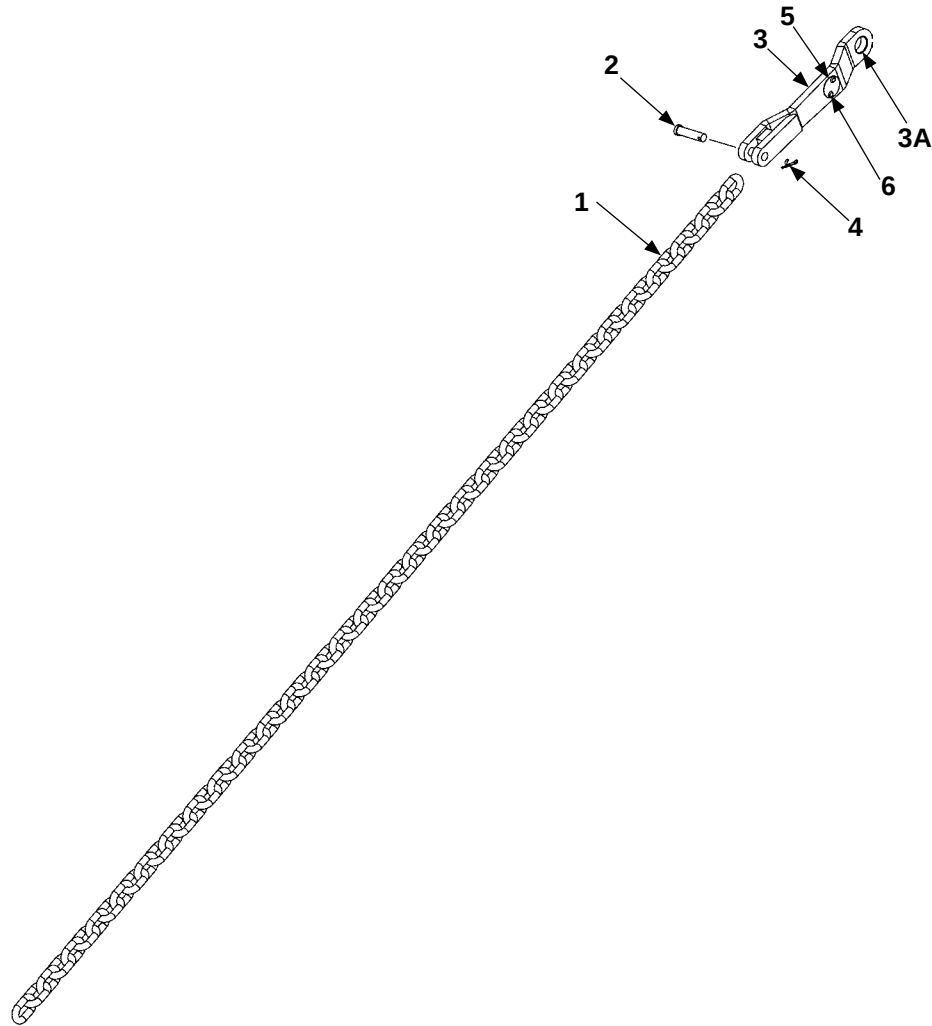
ALUMINUM RETENTION RAMP ASSEMBLY (USE WITH STEEL PLATFORM)

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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	264699-02	AL RET. RAMP ASSY, 16" (96" WIDE VEH)
		264699-03	AL RET. RAMP ASSY, 16" (102" WIDE VEH)
1	1	264697-02	ALUMINUM RAMP 16" X 77" LG. (96" WIDE VEH)
		264697-03	ALUMINUM RAMP 16" X 83" LG. (102" WIDE VEH)
2	1	253524	HINGE ASSEMBLY LH
3	6	902001-2	FLAT WASHER, 3/8"
4	6	030955	NYLON LOCK NUT, 3/8"-16
5	2	253516	RUBBER BUMPER
6	3	900040-5	SCREW, FLAT SOCKET HEAD, 3/8"-16" X 1-1/4" LG.
7	1	225985	PIPE, 3/4" X 60" LG.
8	3	900040-6	SCREW, FLAT SOCKET HEAD, 3/8"-16 X 1-1/2" LG.
9	1	264586	PIN WELDMENT
10	1	264639	LOCKING CAM
10A	1	260917-06	BEARING, SELF LUBE
11	1	264572	HINGE ASSEMBLY RH
12	1	905033-2	ROLL PIN, 1/4" X 1-1/4" LG.

LH CHAIN ASSEMBLY (FOR STEEL PLATFORM)



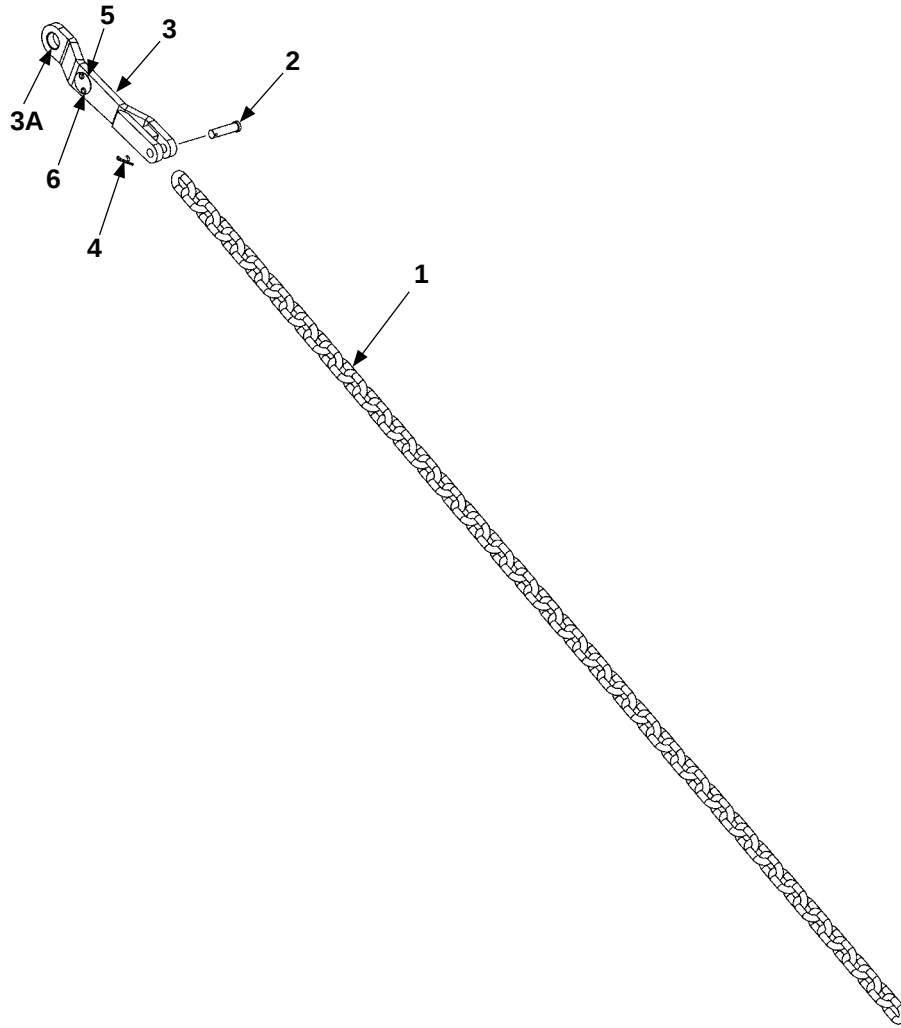
ITEM	QTY.	DESCRIPTION	PART NO.					
			* 42" + 42"	* 42" + 36"	* 42" + 30"	* 36" + 36"	* 36" + 24"	* 30" + 30"
REF	1	CHAIN ASSEMBLY LH	282867-03	282867-09	282867-01		282867-05	
1	1	CHAIN	282866-02	282866-05	282866-01		282866-03	
2	1	CLEVIS PIN, 1/2" X 1-7/8" LG.	905136-01					
3	1	TEAR DROP ASSY, LH	280505-01					
3A	1	BEARING, SELF-LUBE	260078					
4	1	COTTER PIN, 1/8" X 1-1/2" LG.	030177					
5	1	KEEP HANDS CLEAR (PLATE) (SEE DECAL SEC)	REF					
6	2	POP RIVET, 3/16" X .40" LG.	REF					

* PLATFORM + FLIPOVER DEPTH

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RH CHAIN ASSEMBLY (FOR STEEL PLATFORM)

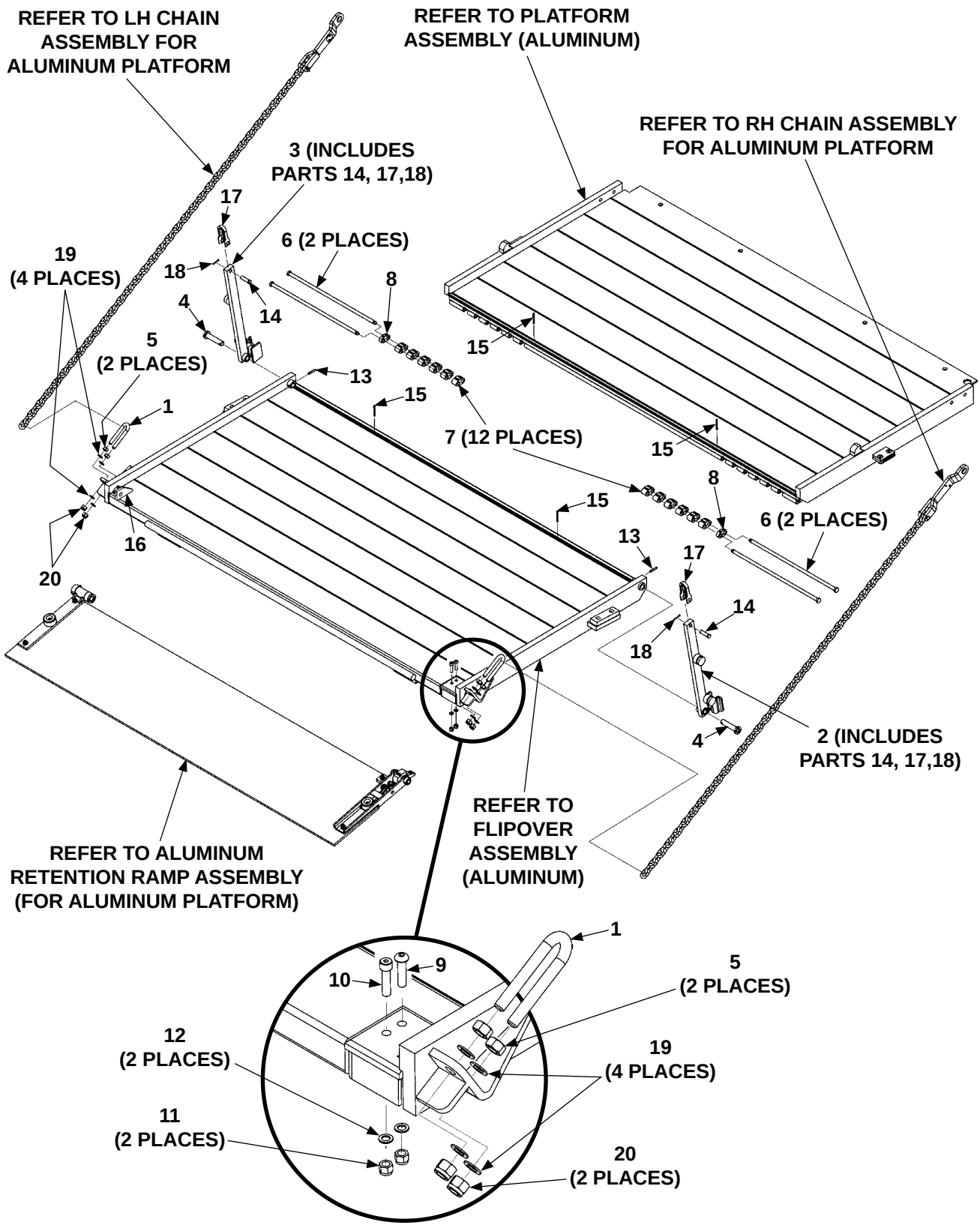


ITEM	QTY.	DESCRIPTION	PART NO.					
			* 42" + 42"	* 42" + 36"	* 42" + 30"	* 36" + 36"	* 36" + 24"	* 30" + 30"
REF	1	CHAIN ASSEMBLY RH	282867-04	282867-10	282867-02	282867-06		
1	1	CHAIN	282866-02	282866-05	282866-01	282866-03		
2	1	CLEVIS PIN, 1/2" X 1-7/8" LG.	905136-01					
3	1	TEAR DROP ASSY, RH	280505-02					
3A	1	BEARING, SELF-LUBE	260078					
4	1	COTTER PIN, 1/8" X 1-1/2"	030177					
5	1	KEEP HANDS CLEAR (PLATE) (SEE DECAL SEC)	REF					
6	2	POP RIVET, 3/16" X .40" LG.	REF					

* PLATFORM + FLIPOVER DEPTH

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY - 1 (ALUMINUM)

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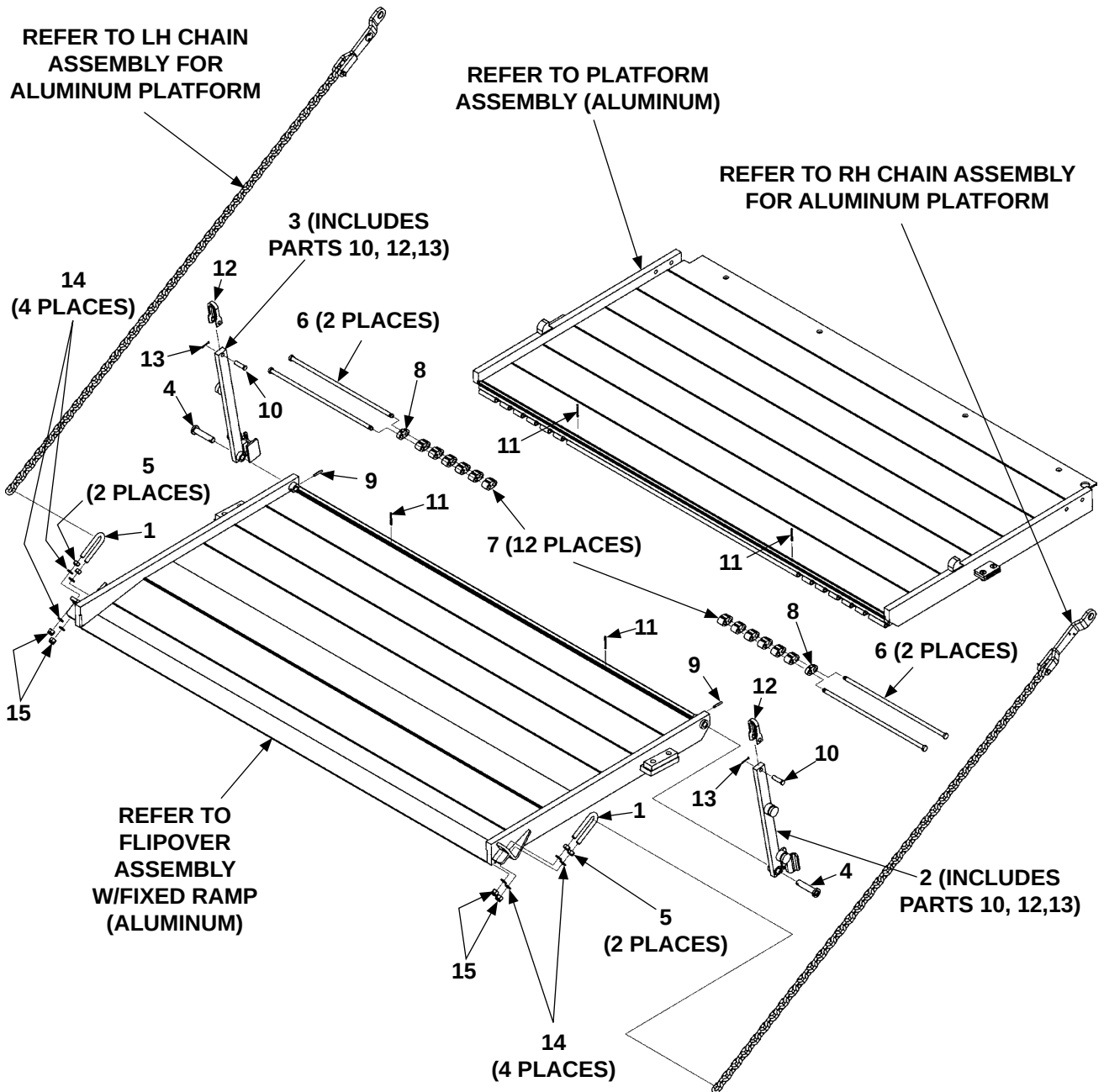
ITEM	QTY.	PART NO.	DESCRIPTION
1	2	282854-01	U-BOLT
2	1	280030-02	OPENER ASSEMBLY RH, 30" + 30" *
		280030-04	OPENER ASSEMBLY RH, 36" + 36" *
		280030-06	OPENER ASSEMBLY RH, 42" + 42" *
3	1	280030-01	OPENER ASSEMBLY LH, 30" + 30" *
		280030-03	OPENER ASSEMBLY LH, 36" + 36" *
		280030-05	OPENER ASSEMBLY LH, 42" + 42" *
4	2	280195	PIN WELDMENT, 3-5/8" LG.
5	4	901011-9	NUT, 1/2"
6	4	282366-01	PIN, HINGE
7	12	311046-10	LINK SPACER, 1" LG
8	2	311046-11	LINK SPACER, 1/2" LG
9	1	900064-13	BUTTON HEAD SCREW, 3/8"-16 X 1-1/2" LG, GRADE 8
10	1	900065-06	SOCKET HEAD SCREW, 3/8"-16 X 1-1/2" LG, GRADE 8
11	2	901002	NYLON LOCK NUT, 3/8"-16
12	2	902000-10	FLAT WASHER, 3/8"
13	2	905033-1	ROLL PIN, 1/4" X 1-1/2" LG.
14	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG, GRADE 8
15	4	904719-17	ROLL PIN, 3/16" X 2" LG.
16	1	280877-01	GUSSET
17	2	280644-01	ANCHOR SHACKLE
18	2	030805	COTTER PIN, 1/8" X 1" LG.
19	8	902000-14	FLAT WASHER, 1/2"
20	4	901010	NYLON LOCK NUT, 1/2"-13

* PLATFORM + FLIPOVER DEPTH

PLATFORM, FLIPOVER, AND CHAIN ASSEMBLY - 2 (ALUMINUM)

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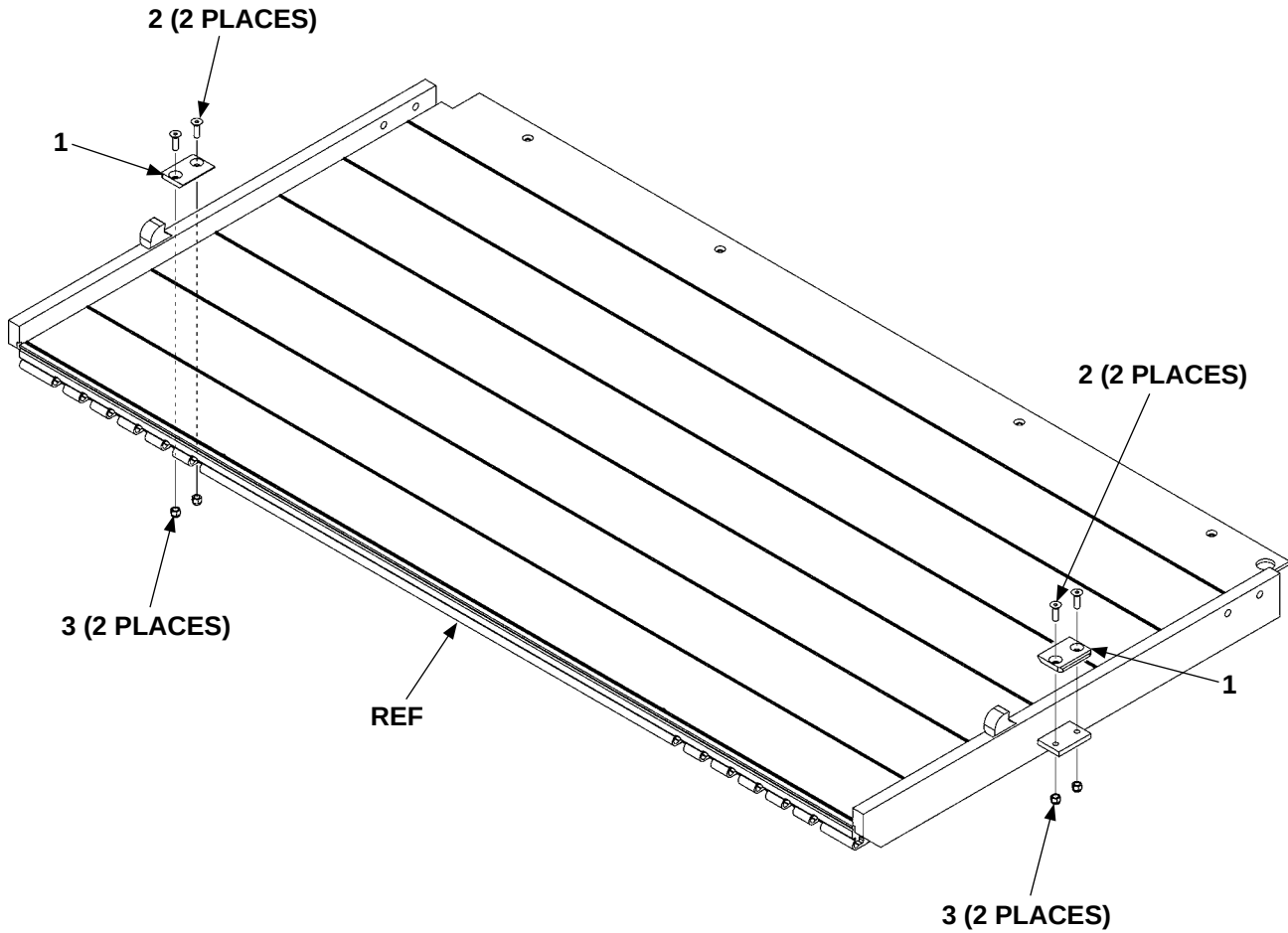
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ITEM	QTY.	PART NO.	DESCRIPTION
1	2	282854-01	U-BOLT
2	1	280030-04	OPENER ASSEMBLY RH, 36" + 36" *
		280030-06	OPENER ASSEMBLY RH, 42" + 42" *
3	1	280030-03	OPENER ASSEMBLY LH, 36" + 36" *
		280030-05	OPENER ASSEMBLY LH, 42" + 42" *
4	2	280195	PIN WELDMENT, 3-5/8" LG.
5	4	901011-9	NUT, 1/2"
6	4	282366-01	PIN, HINGE
7	12	311046-10	LINK SPACER, 1" LG
8	2	311046-11	LINK SPACER, 1/2" LG
9	2	905033-1	ROLL PIN, 1/4" X 1-1/2" LG.
10	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG, GRADE 8
11	4	904719-17	ROLL PIN, 3/16" X 2" LG.
12	2	280644-01	ANCHOR SHACKLE
13	2	030805	COTTER PIN, 1/8" X 1" LG.
14	8	902000-14	FLAT WASHER, 1/2"
15	4	901010	NYLON LOCK NUT, 1/2"-13

* PLATFORM + FLIPOVER DEPTH

PLATFORM ASSEMBLY (ALUMINUM)

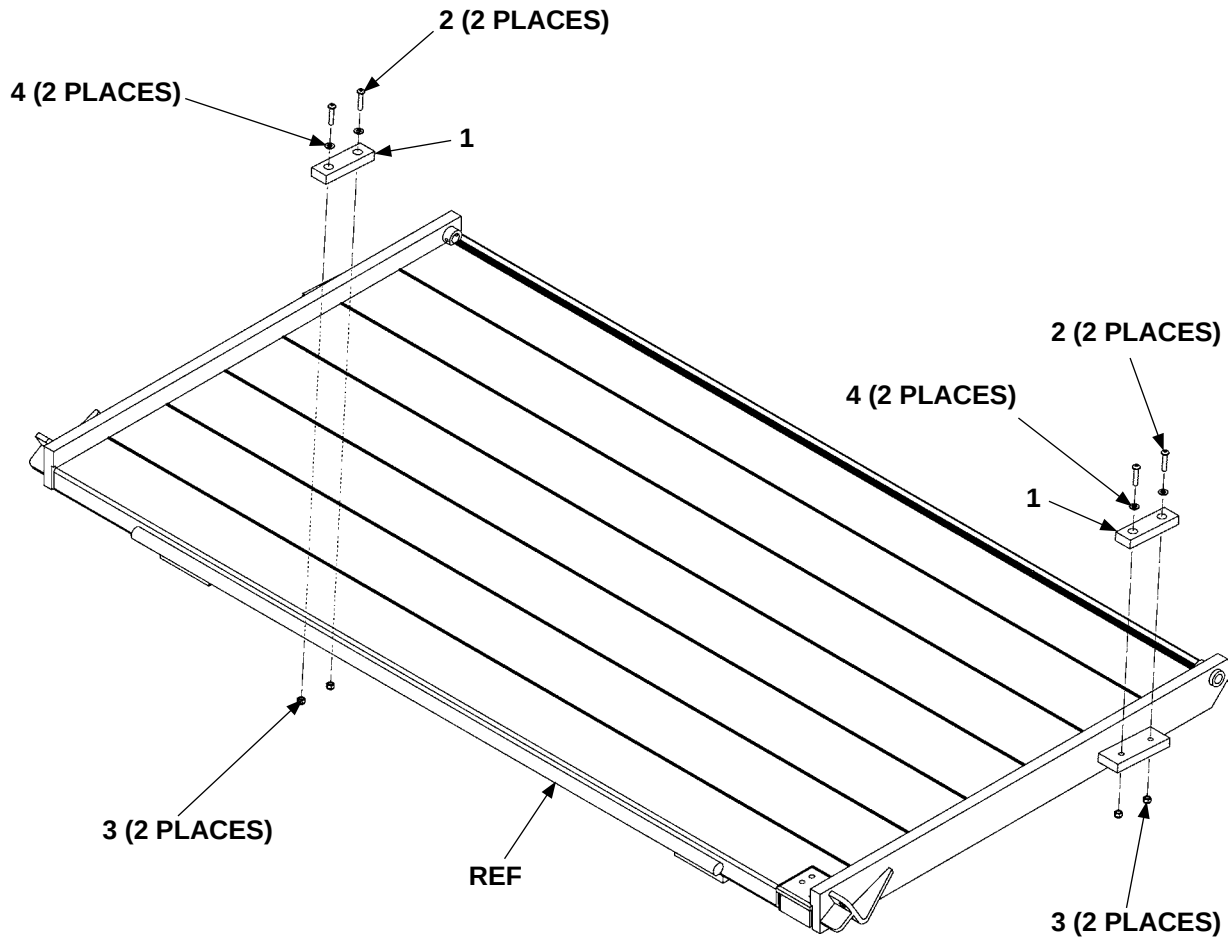


ITEM	QTY.	DESCRIPTION	PART NO.		
			30" DEEP	36" DEEP	42" DEEP
REF	1	PLATFORM, 96" WIDE VEHICLE	282368-01	282368-03	282368-05
		PLATFORM, 102" WIDE VEHICLE	282368-02	282368-04	282368-06
1	1	BRACKET	280027		
2	4	FLAT HEAD SOCKET SCREW, 3/8"-16 X 1-1/4" LG.	900040-5		
3	4	LOCK NUT, 3/8"-16	901002		

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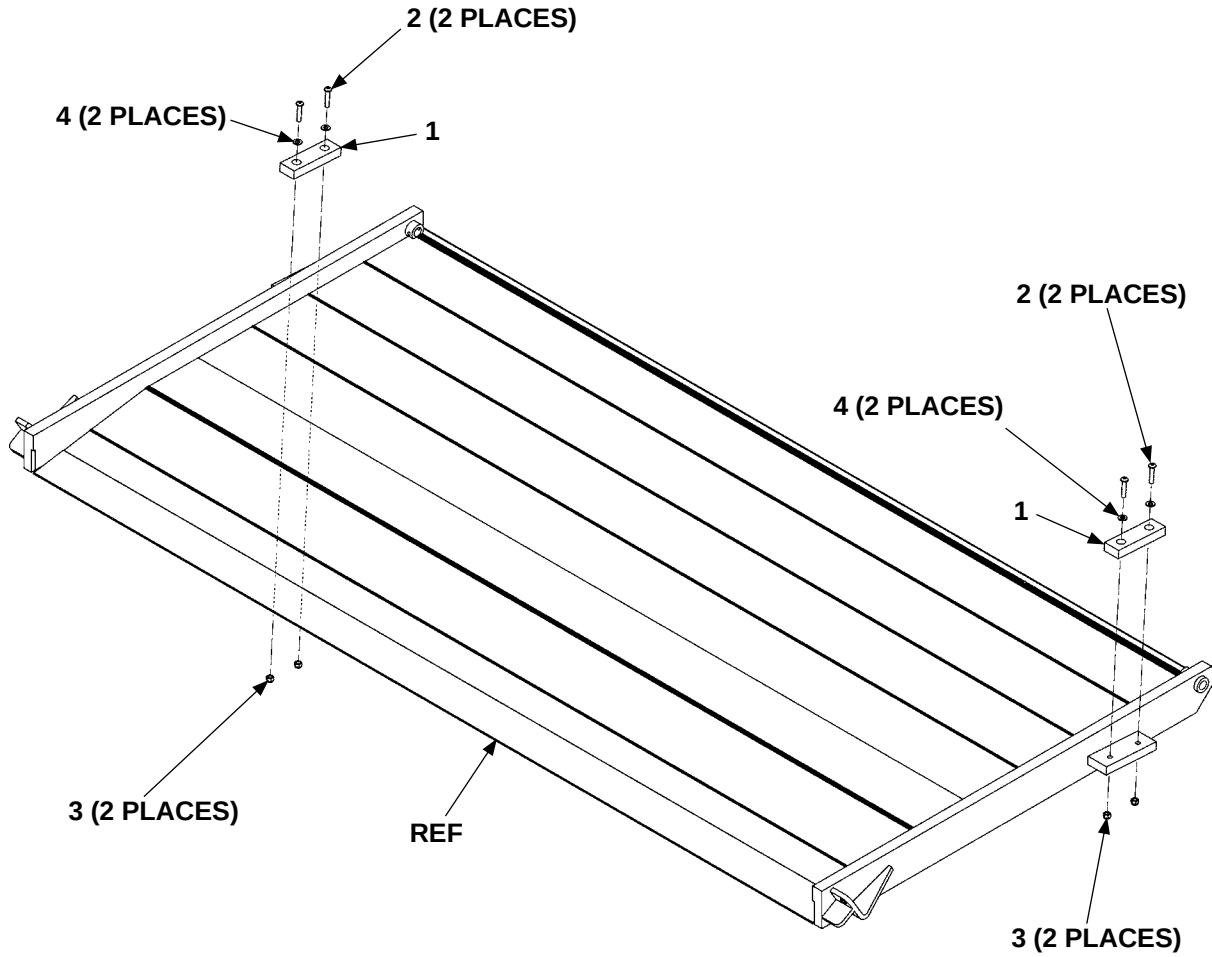
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FLIPOVER ASSEMBLY (ALUMINUM)



ITEM	QTY.	DESCRIPTION	PART NO.		
			30" DEEP	36" DEEP	42" DEEP
REF	1	FLIPOVER, 96" WIDE VEHICLE	282865-01	282865-03	282865-05
		FLIPOVER, 102" WIDE VEHICLE	282865-02	282865-04	282865-06
1	2	BUMPER	225278-02		
2	4	BUTTON SCREW, 5/16"-18 X 1-1/2" LG.	900001-5		
3	4	LOCK NUT, 5/16"-18	901001		
4	4	FLAT WASHER, 5/16"	902013-10		

FLIPOVER ASSEMBLY W/FIXED RAMP (ALUMINUM)



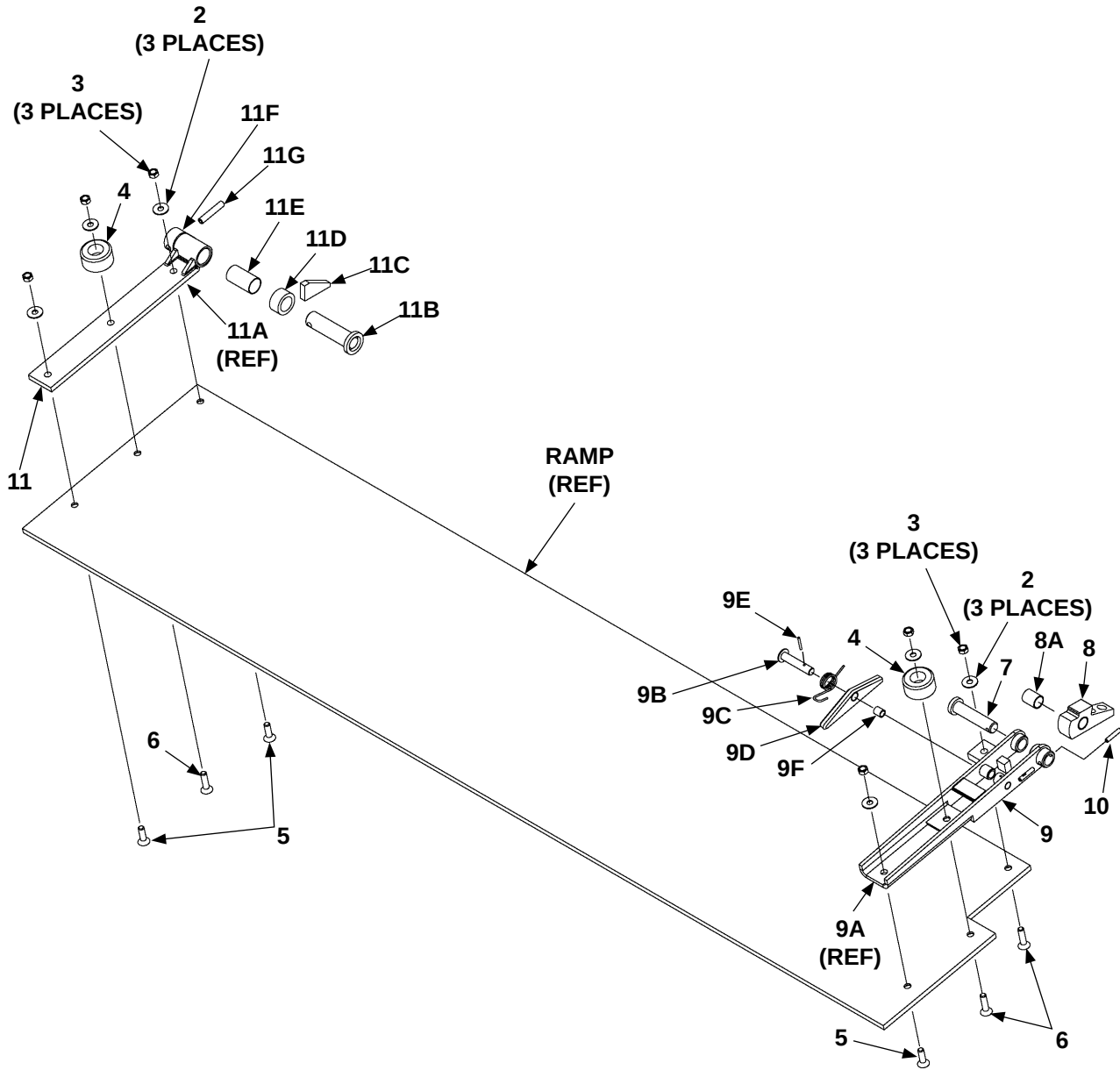
ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	282370-03	FLIPOVER, 96" WIDE VEHICLE
		282370-04	FLIPOVER, 102" WIDE VEHICLE
1	2	225278-02	BUMPER
2	4	900001-5	BUTTON SCREW, 5/16"-18 X 1-1/2" LG.
3	4	901001	LOCK NUT, 5/16"-18
4	4	902013-10	FLAT WASHER, 5/16"

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ALUMINUM RETENTION RAMP ASSEMBLY (FOR ALUMINUM PLATFORM)

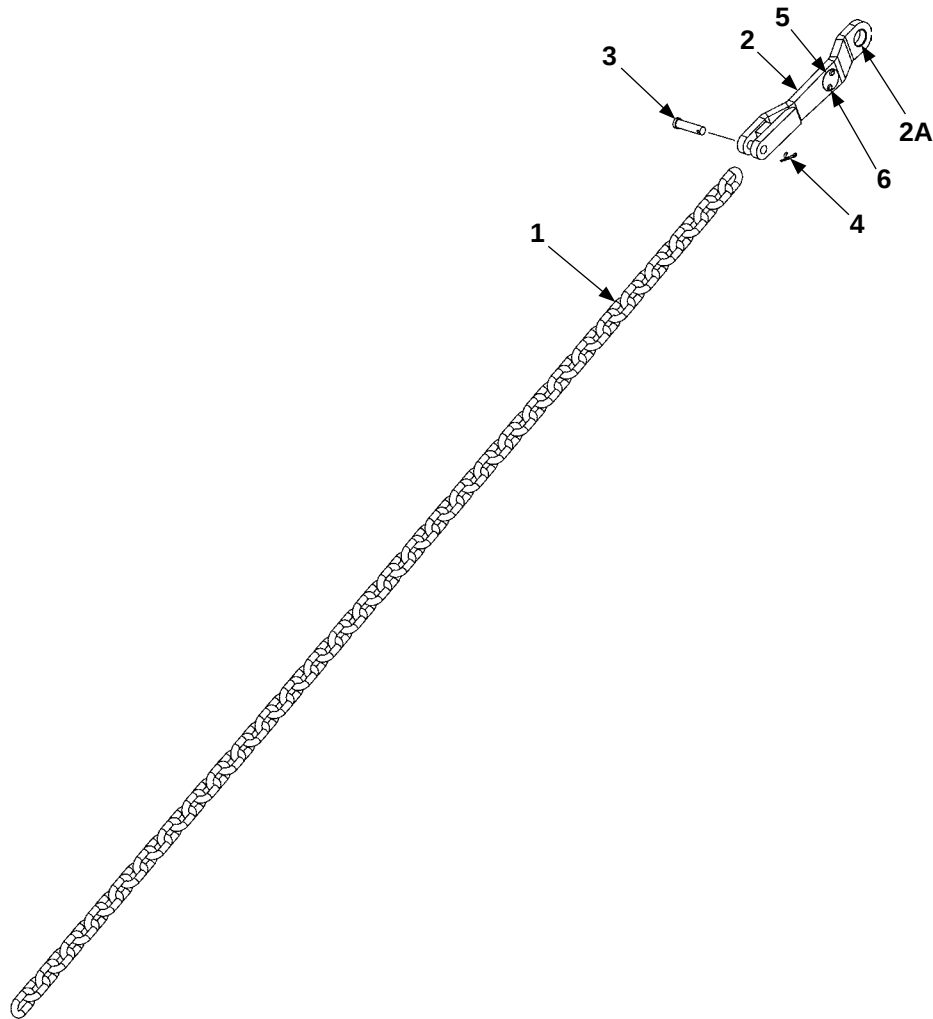


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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	264699-06	AL RET. RAMP ASSY, 16" (96" WIDE VEHICLE)
		264699-07	AL RET. RAMP ASSY, 16" (102" WIDE VEHICLE)
2	6	902001-2	LOCK WASHER, 3/8"
3	6	030955	LOCK NUT, 3/8"-16
4	2	253516	RUBBER BUMPER
5	3	900040-5	SOCKET FLAT HD SCREW, 3/8-16 X 1-1/4" LG, GRADE 8
6	3	900040-6	SOCKET FLAT HD SCREW, 3/8-16 X 1-1/2" LG, GRADE 8
7	1	264586	PIN WELDMENT, 3/4" LG.
8	1	264639	LOCKING CAM
8A	1	260917-06	BEARING, SELF LUBE
9	1	264572	HINGE ASSEMBLY RH
9A	1	REF	HINGE WELDMENT, RH
9B	1	264577	PIN WELDMENT, 1/2" LG.
9C	1	264638	TORSION SPRING, LH
9D	1	264547	LOCKING ARM ASSY
9E	1	030406	ROLL PIN, 1/8" x 1" LG.
9F	1	253542	BEARING, SELF LUBE
10	1	905033-2	ROLL PIN, 1/4" X 1-1/4" LG.
11	1	263463	HINGE ASSEMBLY LH
11A	1	REF	HINGE ARM WELDMENT
11B	1	253528	PIN WELDMENT
11C	1	263467	GUSSET
11D	1	091884-10	ROUND TUBE, ALUMINUM, 3/4" LG.
11E	1	253541	BEARING, SELF LUBE
11F	1	263466	PIN COLLAR
11G	1	221416	ROLL PIN, 3/8" X 2" LG.

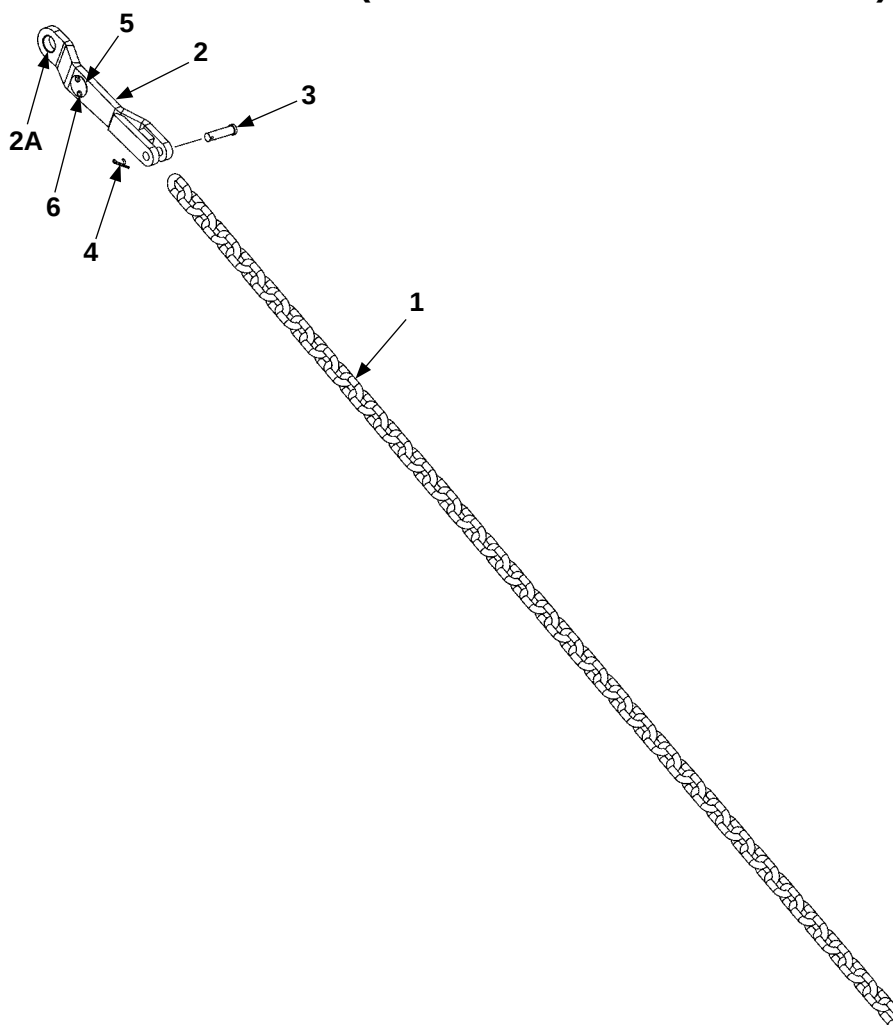
LH CHAIN ASSEMBLY (FOR ALUMINUM PLATFORM)



ITEM	QTY.	DESCRIPTION	PART NO.				
			* 30" + 30"	* 36" + 36"	* 36" + 24" FIXED RAMP	* 42" + 42"	* 42" + 30" FIXED RAMP
REF	1	CHAIN ASSEMBLY LH	282867-05	282867-01		282867-03	
1	1	CHAIN	282866-03	282866-01		282866-02	
2	1	TEAR DROP ASSY. LH	280505-01				
2A	1	BEARING, SELF-LUBE	260078				
3	1	CLEVIS PIN, 1/2" X 1-7/8" LG, GRADE 8	905136-01				
4	1	COTTER PIN, 1/8" X 1-1/2" LG.	030177				
5	1	KEEP HANDS CLEAR (PLATE) (SEE DECAL SECTION)	REF				
6	2	POP RIVET, 3/16" X .40" LG.	REF				

* PLATFORM + FLIPOVER DEPTH

RH CHAIN ASSEMBLY (FOR ALUMINUM PLATFORM)



ITEM	QTY.	DESCRIPTION	PART NO.				
			* 30" + 30"	* 36" + 36"	* 36" + 24" FIXED RAMP	* 42"+ 42"	* 42" + 30" FIXED RAMP
REF	REF	CHAIN ASSEMBLY RH	282867-06	282867-02		282867-04	
1	1	CHAIN	282866-03	282866-01		282866-02	
2	1	TEAR DROP ASSY. RH	280505-02				
2A	1	BEARING, SELF-LUBE	260078				
3	1	CLEVIS PIN, 1/2" X 1-7/8" LG, GRADE 8	905136-01				
4	1	COTTER PIN, 1/8" X 1-1/2" LG.	030177				
5	1	KEEP HANDS CLEAR (PLATE) (SEE DECAL SECTION)	REF				
6	2	POP RIVET, 3/16" X .40" LG.	REF				

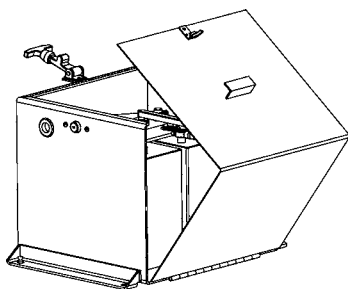
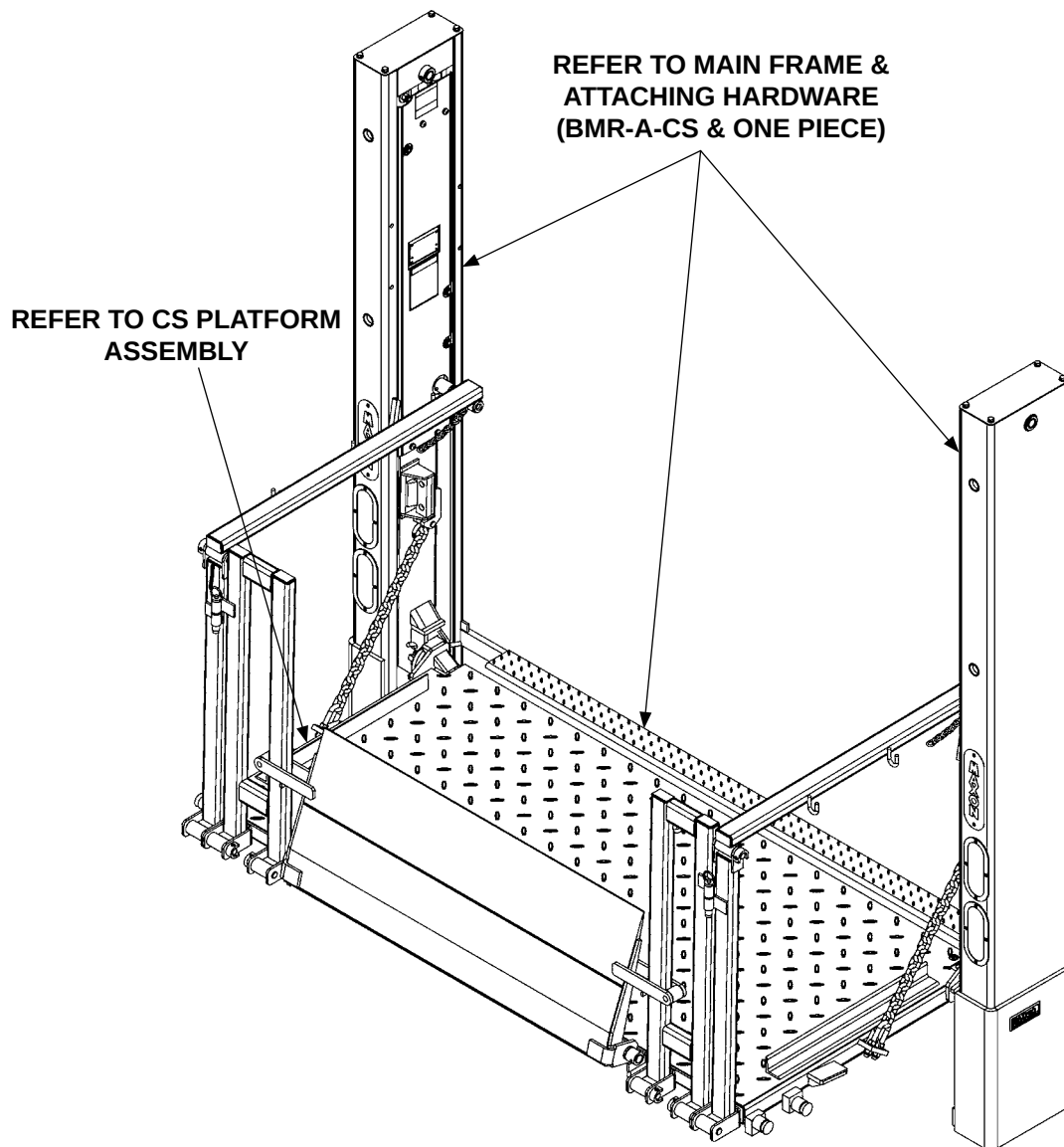
* PLATFORM + FLIPOVER DEPTH

BMR-A-CS & ONE PIECE LIFTGATE SECTION

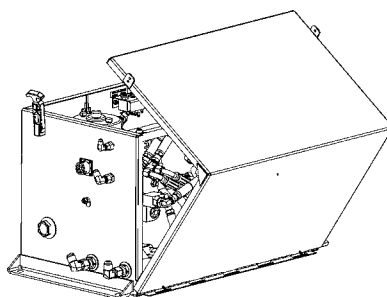
BMR-A-CS LIFTGATE

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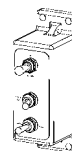
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BATTERY BOX
(REFER TO ELECTRICAL COMPONENTS)

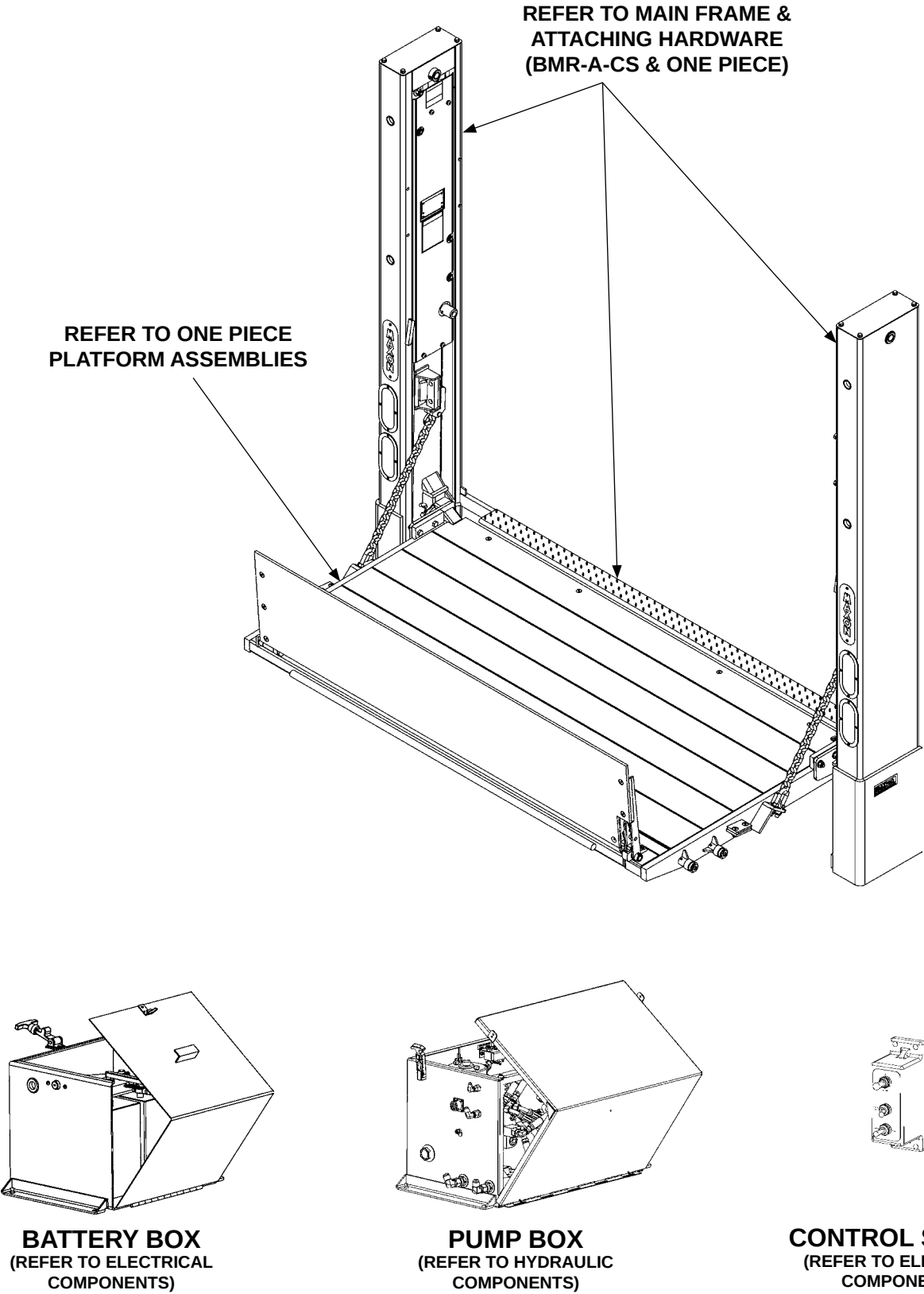


PUMP BOX
(REFER TO HYDRAULIC COMPONENTS)



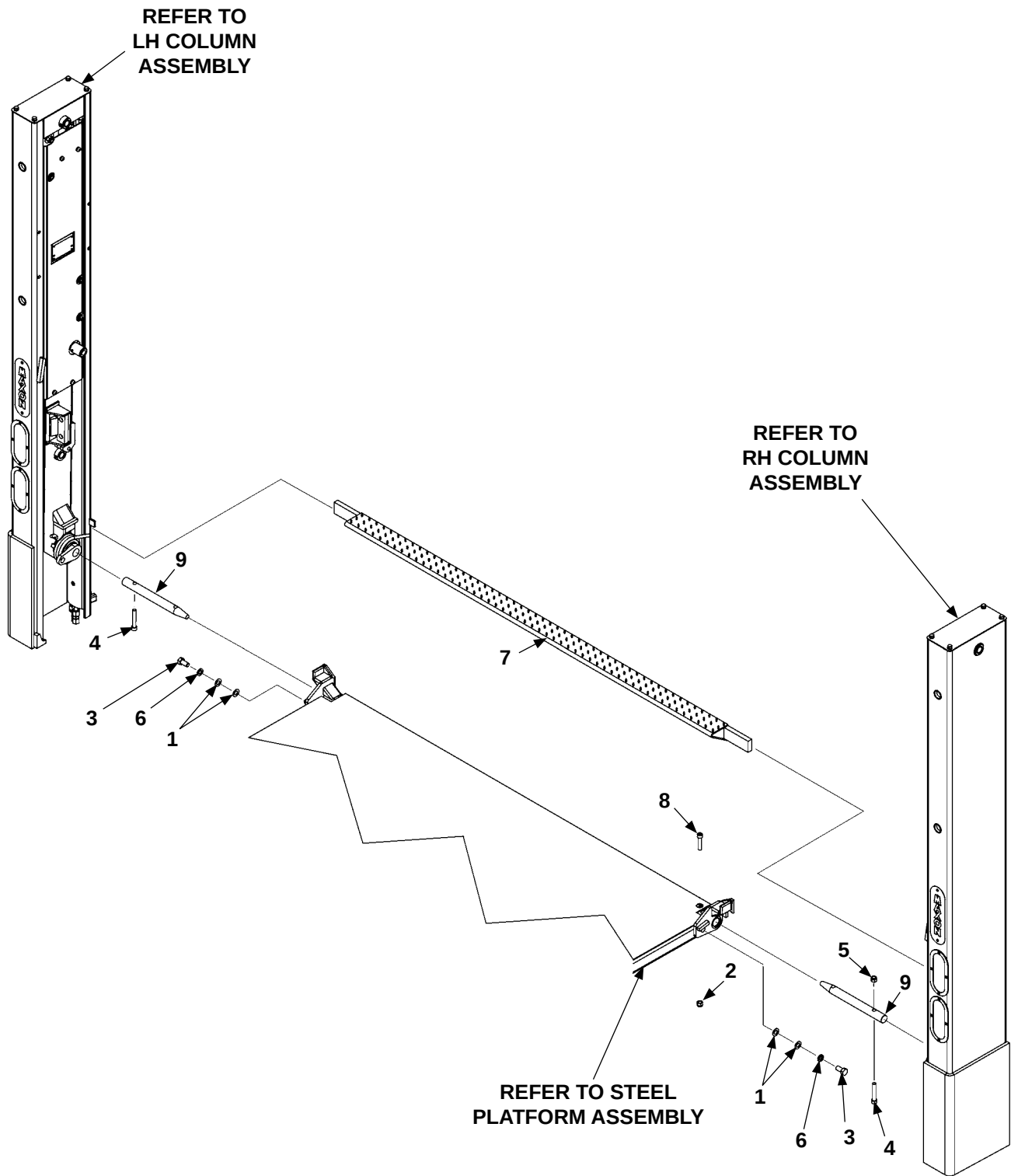
CONTROL SWITCH
(REFER TO ELECTRICAL COMPONENTS)

BMR-A-ONE PIECE LIFTGATE



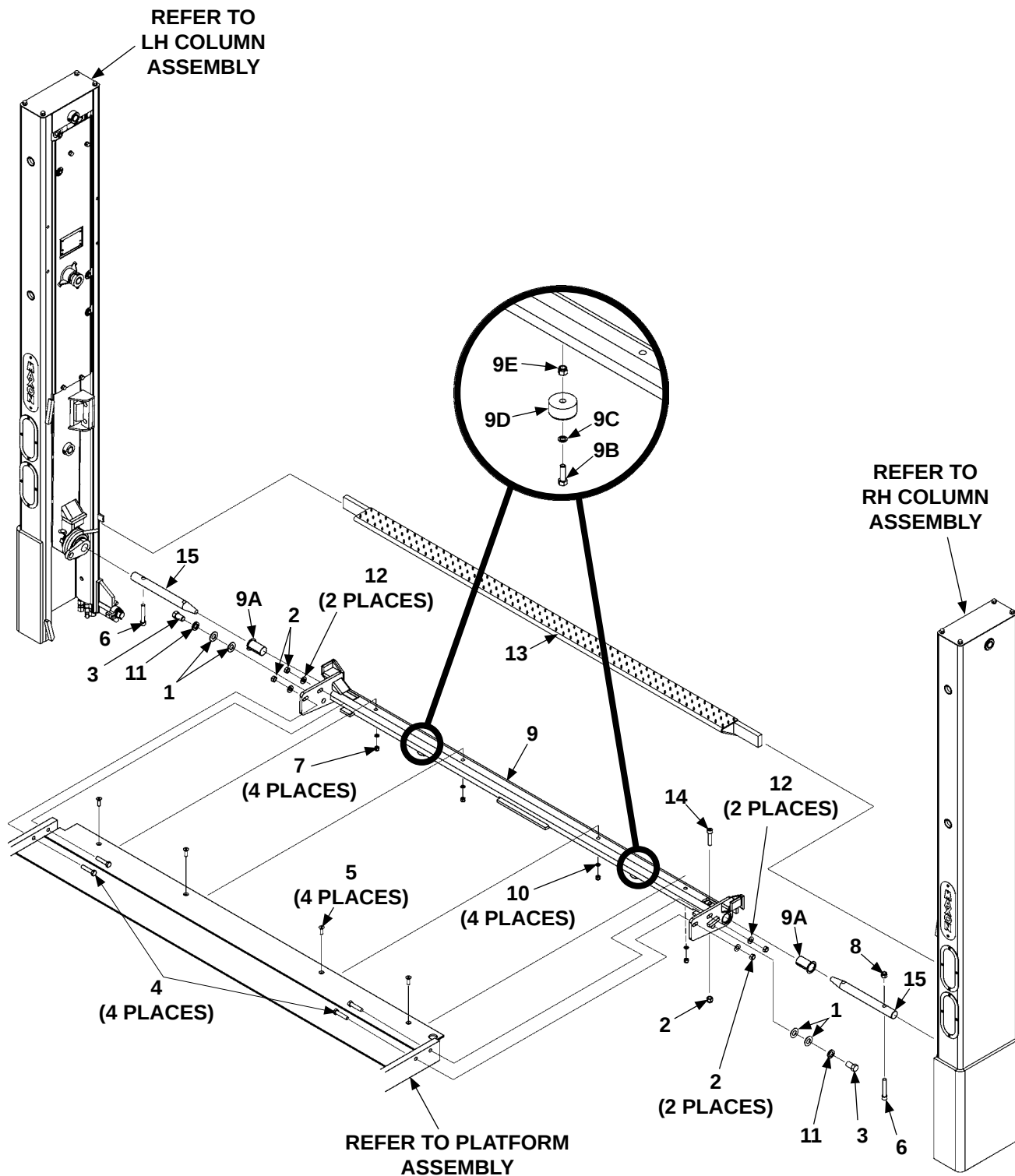
MAIN FRAME & ATTACHING HARDWARE (BMR-A-CS & ONE PIECE PLATFORM) - STEEL PLATFORM

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ITEM	QTY.	PART NO.	DESCRIPTION
1	4	902000-20	FLAT WASHER, 3/4"
2	1	040066	LOCK NUT, 1/2"-13
3	2	260181	BOLT, 3/4"-10 X 1-1/4" LG.
4	2	900037-11	SOCKET HEAD CAP SCREW, 1/2"-13 X 2-1/4" LG, GRADE 8
5	1	901008	NYLON LOCK NUT, 1/2"-20
6	2	902011-9	LOCK WASHER, 3/4"
7	1	280340-03	EXTENSION PLATE, 96" UNIT
		280340-04	EXTENSION PLATE, 102" UNIT
8	1	900036-10	SOCKET HEAD CAP SCREW, 1/2"-20 X 3" LG, GRADE 8
9	2	280103	PIN, 13" LG, STAINLESS STEEL

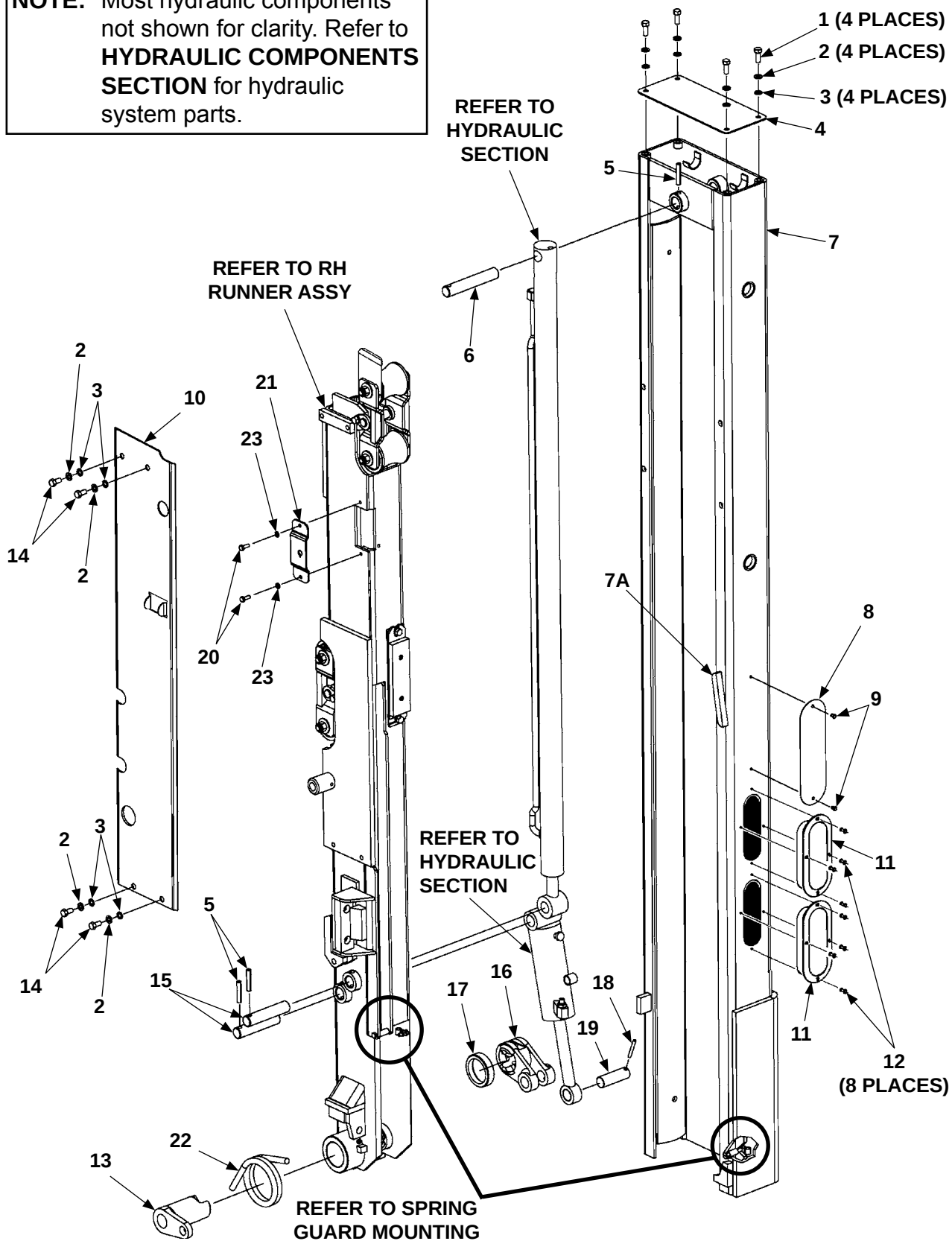
MAIN FRAME & ATTACHING HARDWARE (BMR-A-CS & ONE PIECE PLATFORM) - ALUMINUM PLATFORM



ITEM	QTY.	PART NO.	DESCRIPTION
1	4	902000-20	FLAT WASHER, 3/4"
2	5	040066	LOCK NUT, 1/2"-13
3	2	260181	BOLT, 3/4"-10 X 1-1/4" LG,
4	4	900035-5	HEX HEAD CAP SCREW, 1/2"-13 X 2" LG, GRADE 8
5	4	900040-5	SOCKET HEAD SCREW, FLAT, 3/8"-16 X 1-1/4" LG.
6	2	900037-11	SOCKET HEAD CAP SCREW, 1/2"-13 X 2-1/4" LG, GRADE 8
7	4	901002	NYLON LOCK NUT, 3/8"-16
8	1	901008	NYLON LOCK NUT, 1/2"-20
9	1	282622-01	CONNECTOR BAR ASSEMBLY, 96" WIDE
		282622-02	CONNECTOR BAR ASSEMBLY, 102" WIDE
9A	2	905200	BEARING, SELF LUBE, 2-1/4" I.D. X 2-1/2" LG.
9B	2	900014-5	HEX HEAD BOLT, 3/8"-16 X 1-1/4" LG.
9C	2	902000-10	FLAT WASHER, 3/8"
9D	2	253516	RUBBER BUMPER
9E	2	901002	NYLON LOCK NUT, 3/8"-16
10	4	902001-2	FLAT WASHER, 3/8"
11	2	902011-9	LOCK WASHER, 3/4"
12	4	902013-13	FLAT WASHER, 1/2"
13	1	280340-03	EXTENSION PLATE, 96" UNIT
		280340-04	EXTENSION PLATE, 102" UNIT
14	1	900036-10	SOCKET HEAD CAP SCREW, 1/2"-20 X 3" LG, GRADE 8
15	2	280103	PIN, 13" LG, STAINLESS STEEL

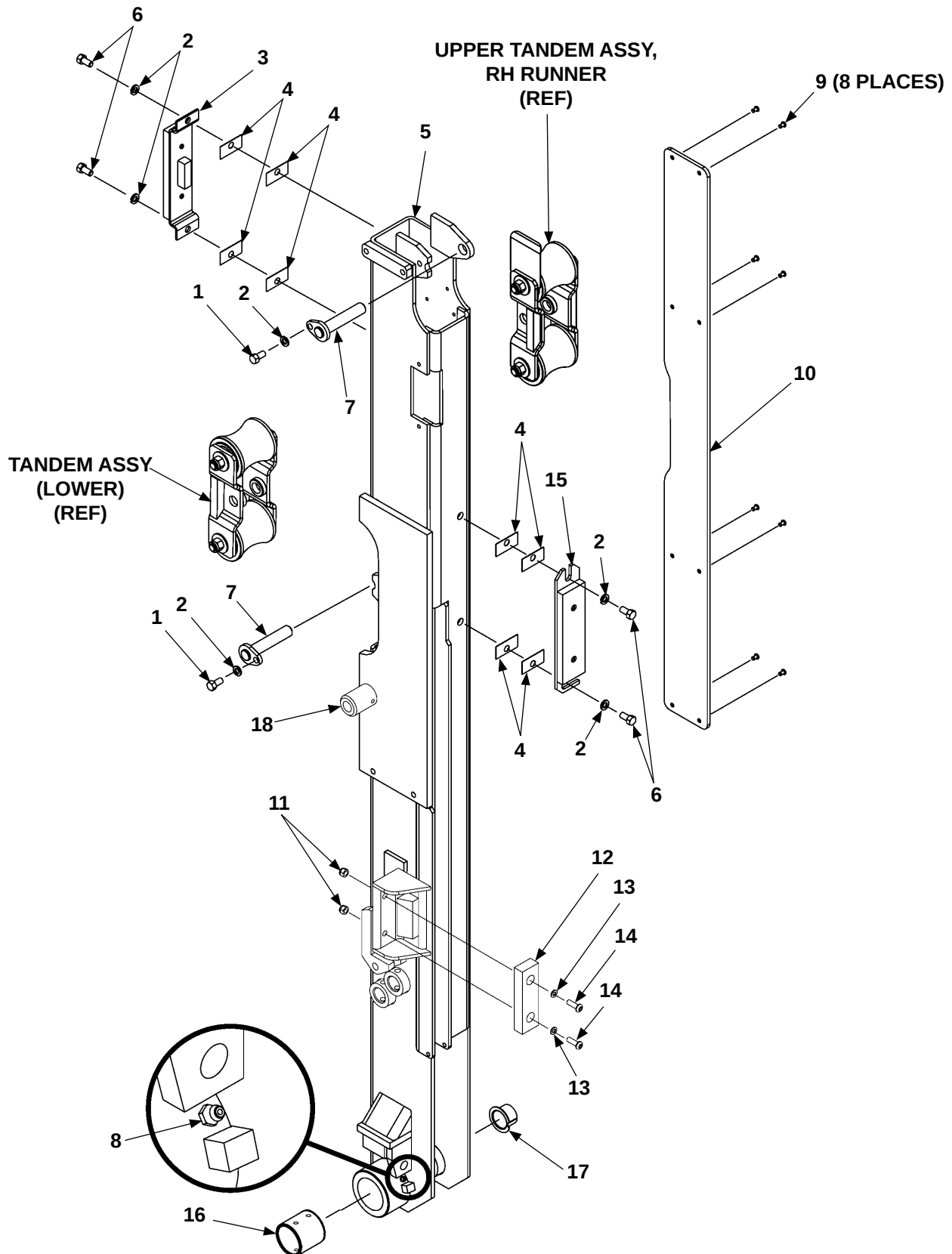
RH COLUMN ASSEMBLY (BMR-A-CS & ONE PIECE)

NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC COMPONENTS SECTION** for hydraulic system parts.



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281607-01	RH COLUMN ASSEMBLY
1	4	900014-4	HEX HEAD BOLT, 3/8"-16 X 1" LG, GRADE 8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	3	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 5-7/8" LG.
7	1	281609-01	RH COLUMN
7A	1	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	1	268544-01	COLUMN SIDE COVER
11	2	265924-01	LIGHT, STOP/TAIL/TURN LED
12	8	904005-2	POP RIVET, STAINLESS STEEL, 3/16" X 9/16" LG.
13	1	260516-01	COUPLING OUTSIDE, MACHINED
14	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG, GRADE 8
15	2	253590	PIN, 4-3/4" LG.
16	1	260517	COUPLING INSIDE CASTING
17	1	253695	BUSHING, 3/4"
18	1	905033-5	ROLL PIN, 1/4" X 2" LG.
19	1	253772	PIN, 3-3/32" LG. (COUPLING AND CYLINDER)
20	2	900000-1	HEX HEAD BOLT, 1/4"-20 X 5/8" LG, GRADE 8
21	1	253694	SWITCH PLATE
22	1	260179	TORSION SPRING
23	2	902011-2	LOCK WASHER, 1/4"

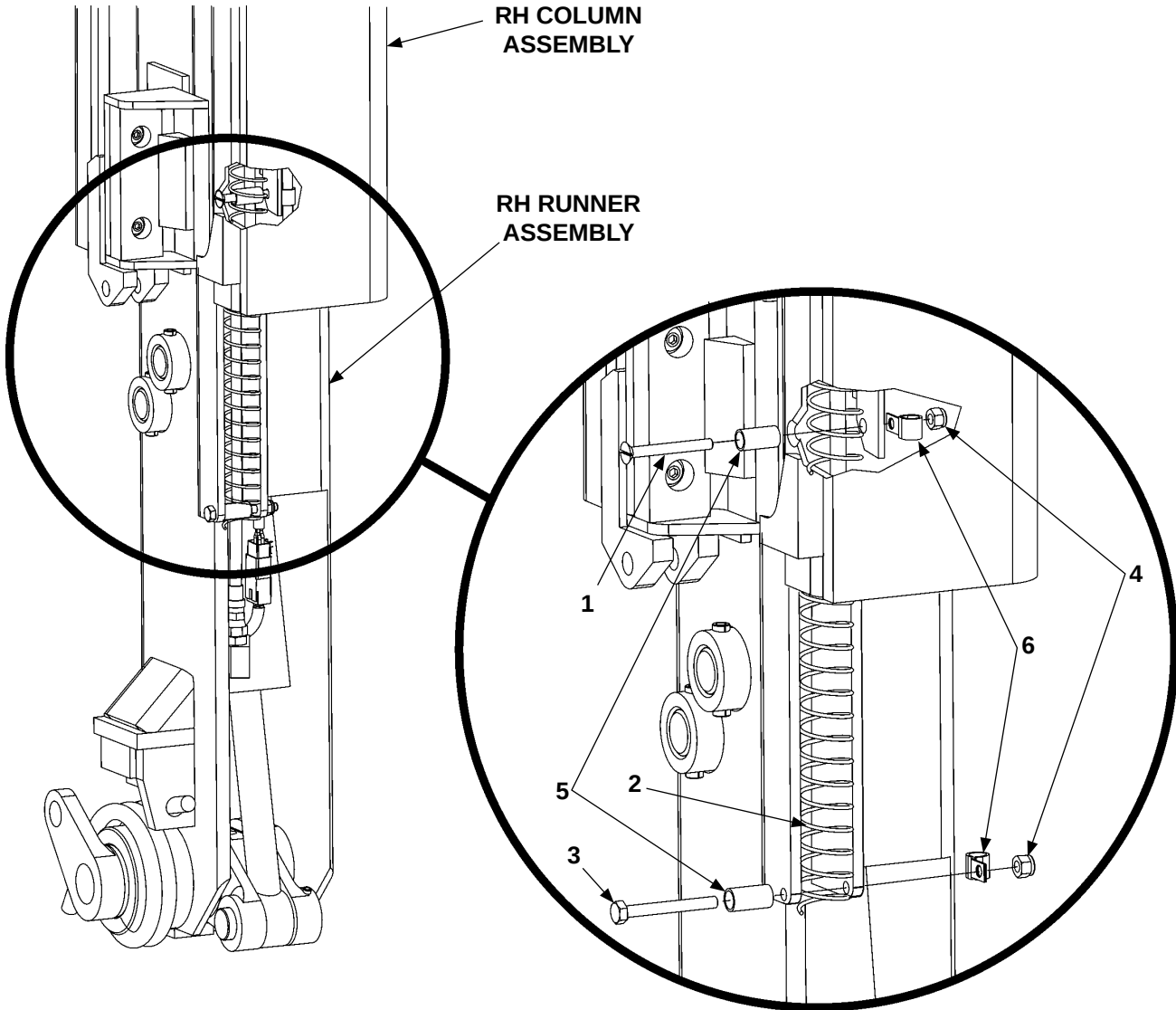
RH RUNNER ASSEMBLY (BMR-A-CS & ONE PIECE)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280710-01	RH RUNNER ASSEMBLY
1	2	900014-3	HEX HEAD CAP SCREW, 3/8"-16 X 3/4" LG, GRADE 8
2	6	902011-4	LOCK WASHER, 3/8"
3	1	263221	UPPER PAD SUPPORT ASSEMBLY
4	A/R	263030	SPACER
5	1	280708-01	RH RUNNER
6	4	900014-12	HEX HEAD CAP SCREW, 3/8"-16 X 5/8" LG, GRADE 8
7	2	280067	ARM WELDMENT
8	1	224342	GREASE FITTING 1/4"
9	8	207644	POP RIVET, 3/16" X .40" LG.
10	1	253543	PAD
11	2	901001	NYLON LOCK NUT, 5/16"-18
12	1	225278-02	BUMPER
13	2	902013-10	FLAT WASHER, 5/16"
14	2	900001-4	BUTTON HEAD SCREW, 5/16"-18 X 1-1/4" LG.
15	1	263225	LOWER PAD SUPPORT ASSEMBLY
16	1	908011-01	BEARING, SELF LUBE, 2-1/4" I.D. X 2-1/8" LG.
17	1	253595	BEARING, SELF LUBE, 1-1/8" I.D. X 1" LG.
18	1	280309-01	BUSHING

NOTE: A/R means As Required.

SPRING GUARD MOUNTING

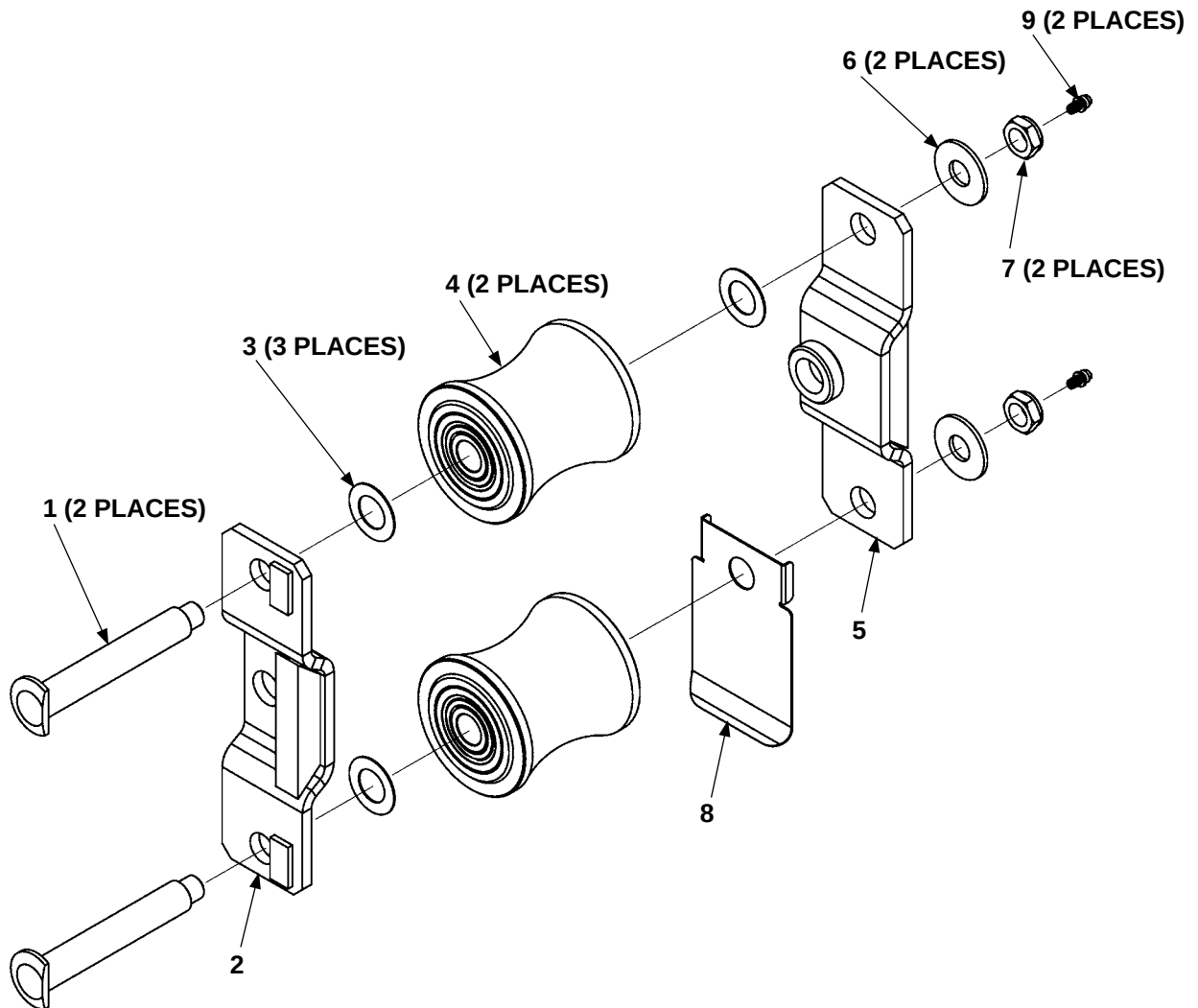


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	260299	FLAT HEAD SCREW, 1/4"-20 X 2-1/2" LG.
2	1	253603-01	SPRING GUARD
3	1	900000-9	HEX HEAD BOLT, 1/4"-20 X 2-1/4" LG, GRADE 8
4	2	901000	NYLON LOCK NUT, 1/4"-20
5	2	253621	BUSHING, 1/2" DIA. X 1" LG.
6	2	214663	CLAMP, #8 RUBBER LOOM

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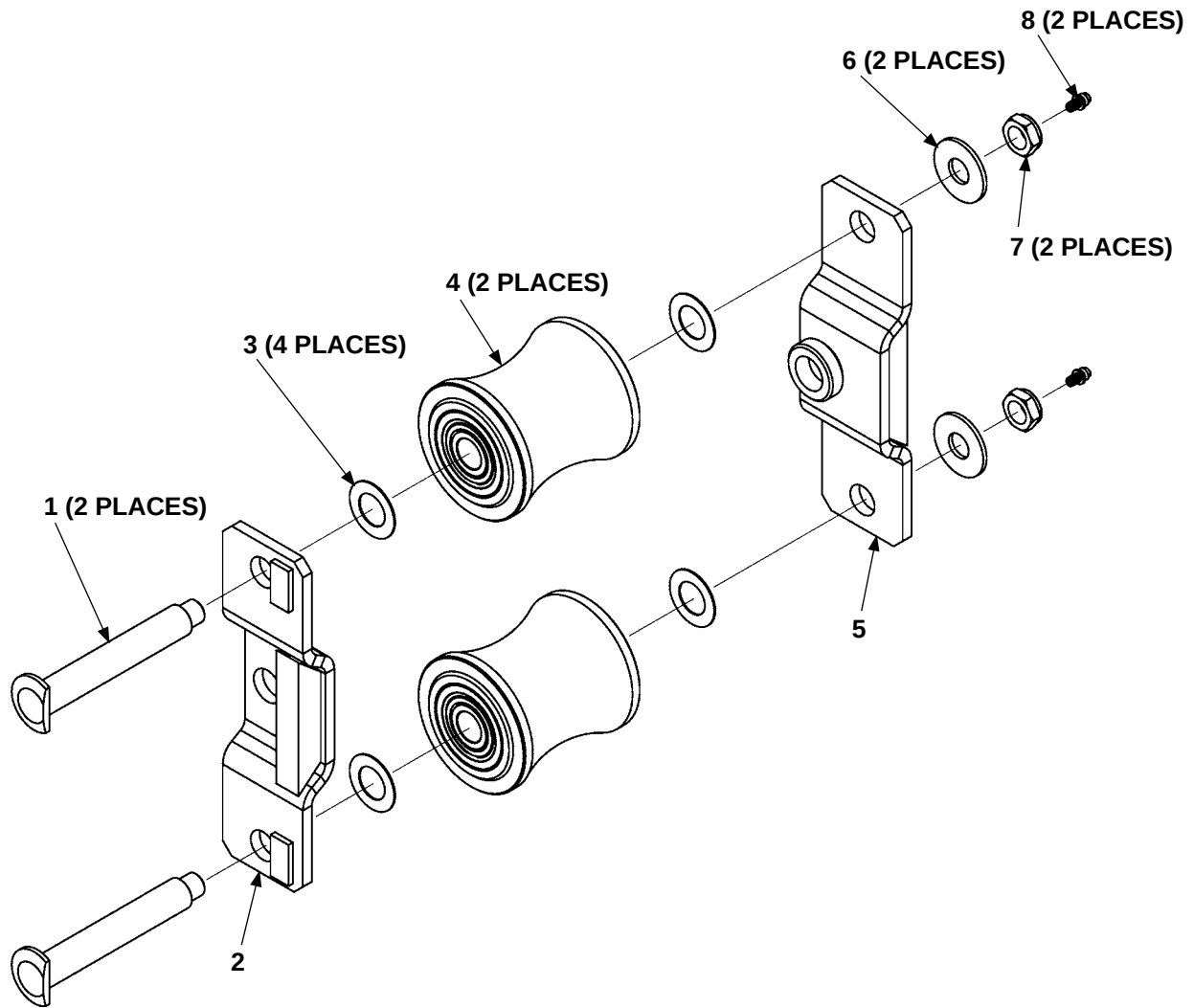
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UPPER TANDEM ASSEMBLY, RH RUNNER



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-03	UPPER TANDEM ASSEMBLY, RH RUNNER
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	3	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	1	280851-01	ROLLER COVER
9	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

TANDEM ASSEMBLY (LOWER - RH & LH RUNNERS)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-01	TANDEM ASSEMBLY (LOWER)
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	4	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

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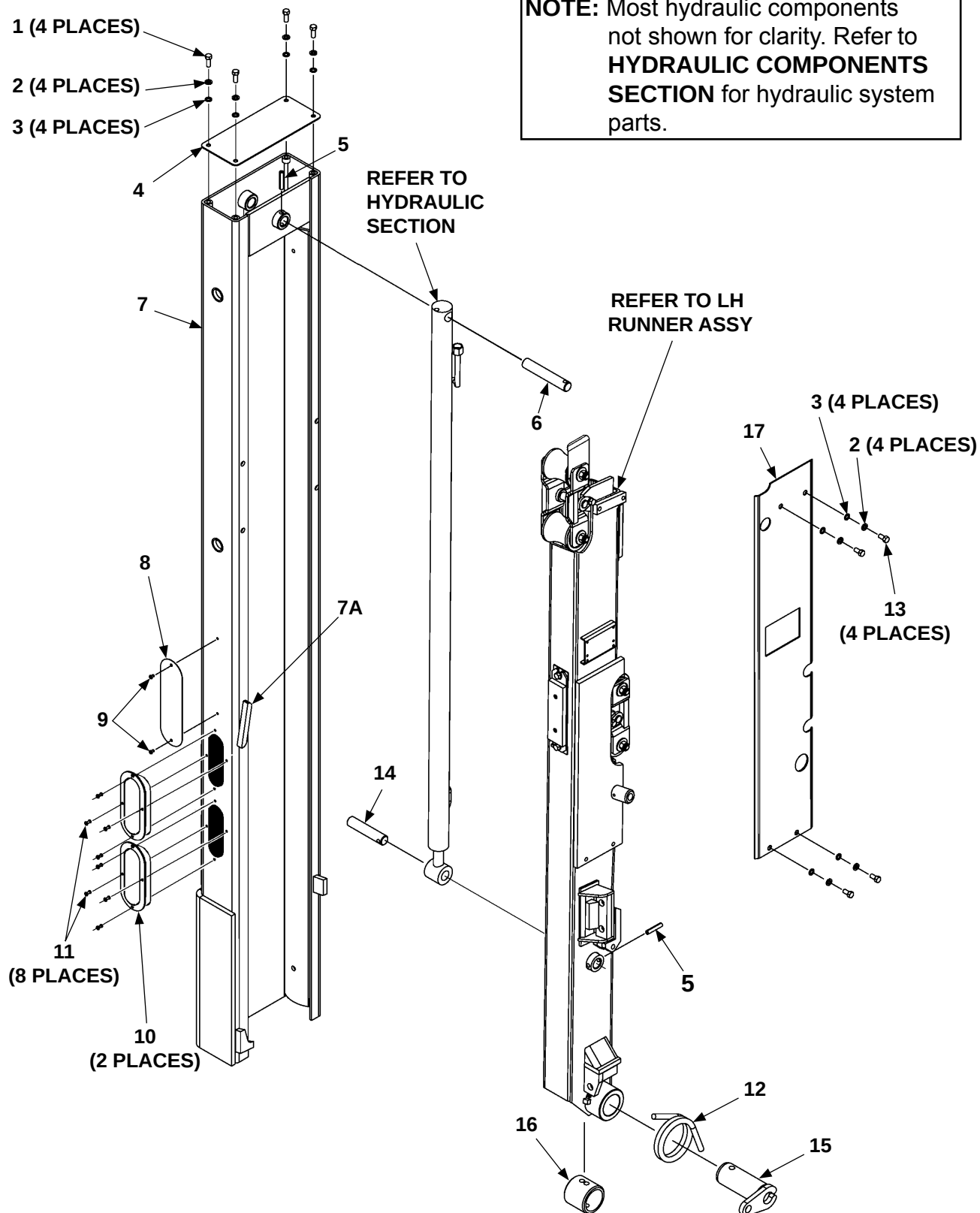
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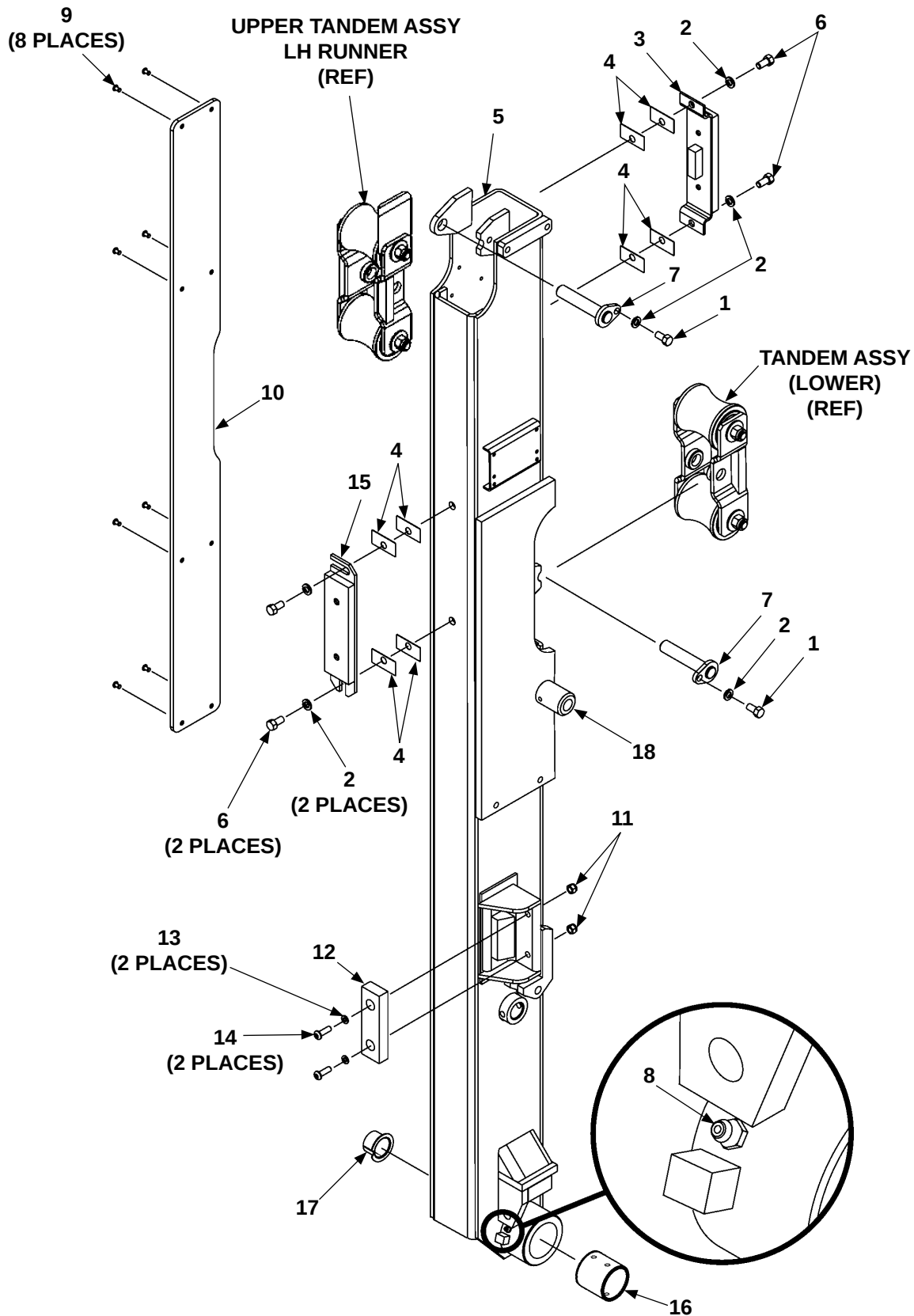
LH COLUMN ASSEMBLY (BMR-A-CS & ONE PIECE)

NOTE: Most hydraulic components not shown for clarity. Refer to **HYDRAULIC COMPONENTS SECTION** for hydraulic system parts.



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281606-01	LH COLUMN ASSEMBLY
1	4	900014-4	HEX HEAD CAP SCREW, 3/8"-16 X 1" LG, GR8
2	8	902011-4	LOCK WASHER, 3/8"
3	8	902000-10	FLAT WASHER, 3/8"
4	1	263114	COLUMN TOP COVER
5	2	221416	ROLL PIN, 3/8" X 2" LG.
6	1	263457	PIN, 5-7/8" LG.
7	1	281608-01	LH COLUMN
7A	1	280018	LOCKING FLAT
8	1	260478	MAXON PLATE, 3" WIDE X 10" LG.
9	2	207644	POP RIVET, 3/16" X .40" LG.
10	2	265924-01	LIGHT, STOP/TAIL/TURN LED
11	8	904005-2	POP RIVET, STAINLESS STEEL, 3/16" X 9/16" LG.
12	1	280620-01	TORSION SPRING
13	4	900064-02	BUTTON HEAD SCREW, 3/8"-16 X 5/8" LG, GR8
14	1	253590	PIN, 4-3/4" LG.
15	1	280623-01	COUPLING LH, MACHINED
16	1	253696	PIN COLLAR, 2-3/4"
17	1	280696-01	COLUMN COVER, LH

LH RUNNER ASSEMBLY (BMR-A-CS & ONE PIECE)



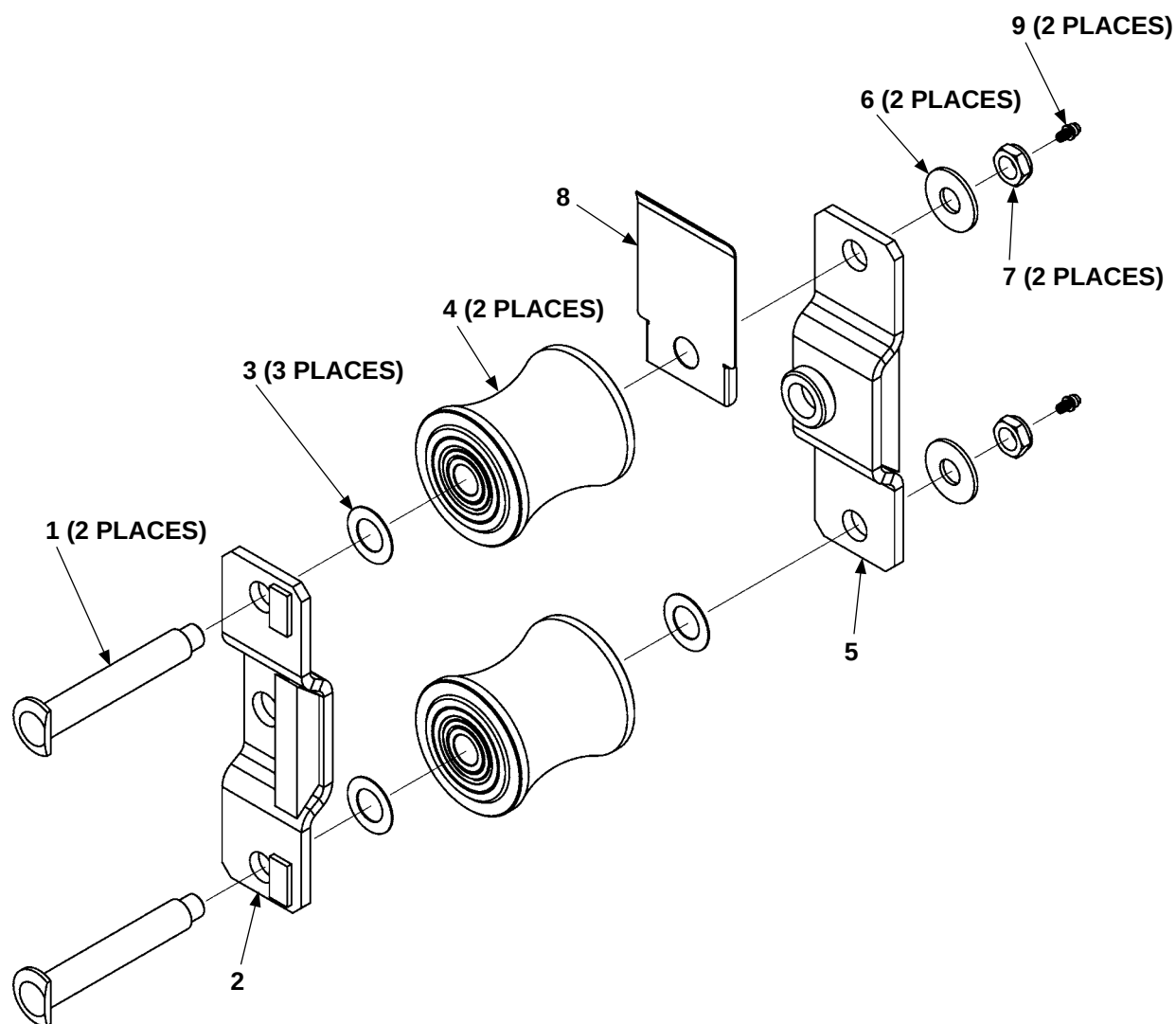
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280709-01	LH RUNNER ASSEMBLY
1	2	900014-3	HEX HEAD CAP SCREW, 3/8"-16 X 3/4" LG, GR8
2	6	902011-4	LOCK WASHER, 3/8"
3	1	263221	UPPER PAD SUPPORT ASSEMBLY
4	A/R	263030	SPACER
5	1	280707-01	LH RUNNER
6	4	900014-12	HEX HEAD CAP SCREW, 3/8"-16 X 5/8" LG.
7	2	280067	ARM WELDMENT
8	1	224342	GREASE FITTING 1/4"
9	8	207644	POP RIVET, 3/16" X .40" LG.
10	1	253543	PAD
11	2	901001	NYLON LOCK NUT, 5/16"-18
12	1	225278-02	BUMPER
13	2	902013-10	FLAT WASHER, 5/16"
14	2	900001-4	BUTTON HEAD SCREW, 5/16"-18 X 1-1/4" LG, GR8
15	1	263225	LOWER PAD SUPPORT ASSEMBLY
16	1	908011-01	BEARING, SELF LUBE, 2-1/4" I.D. X 2-1/8" LG.
17	1	253595	BEARING, SELF LUBE, 1-1/8" I.D. X 1" LG.
18	1	280309-01	BUSHING

NOTE: A/R means As Required.

UPPER TANDEM ASSEMBLY, LH RUNNER



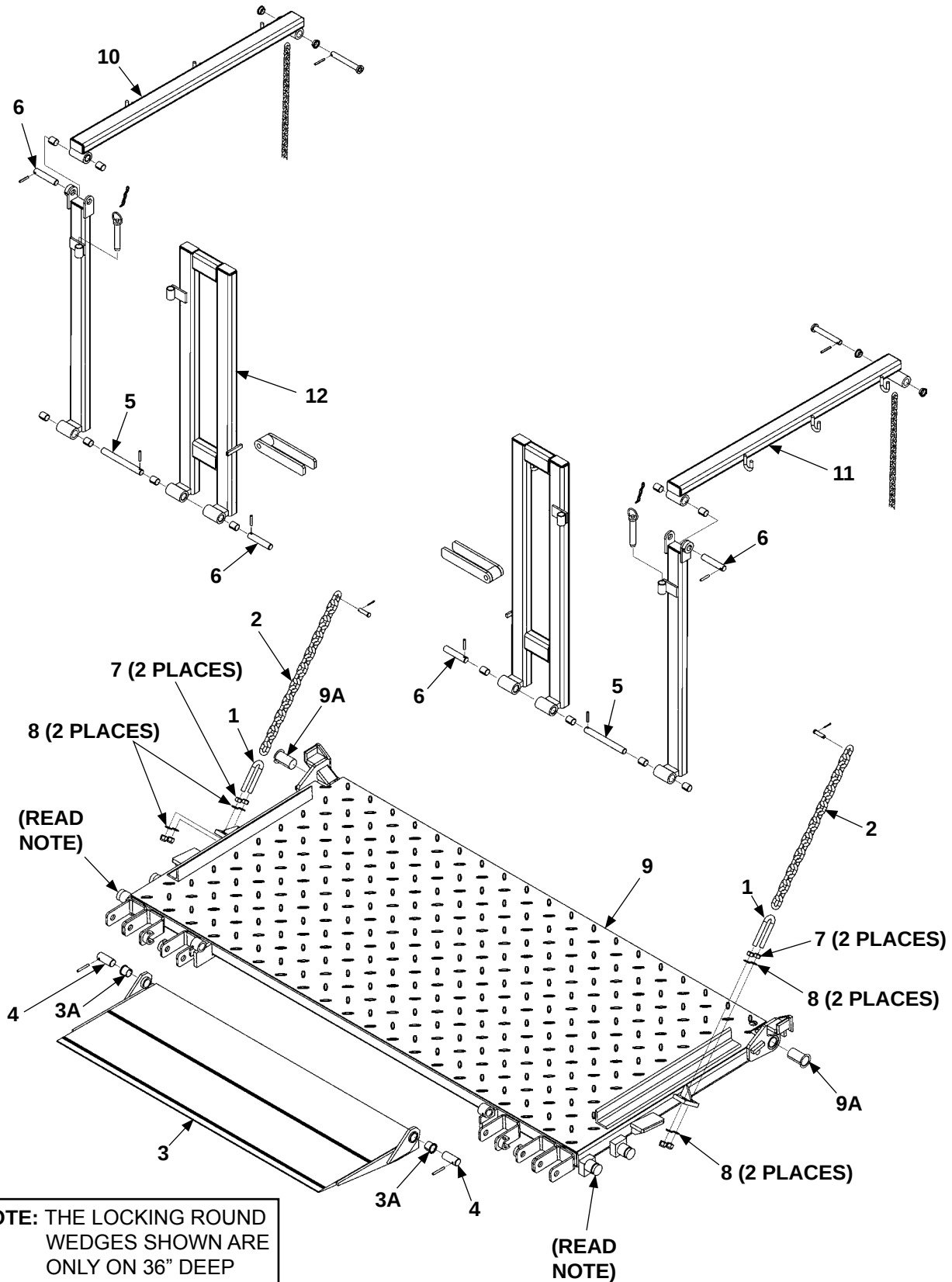
ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	268866-02	UPPER TANDEM ASSEMBLY, LH RUNNER
1	2	268898-01	ROLLER AXLE
2	1	280064	ROLLER BRACKET
3	3	261182	FLAT WASHER, .72" I.D. X 1-1/4" O.D. STAINLESS STEEL
4	2	268899-01	ROLLER
5	1	280063	ROLLER BRACKET
6	2	902014	FLAT WASHER, 5/8" I.D. X 1-3/8" O.D.
7	2	901016-1	LOCK NUT, THIN HEAD, 1/2"-20
8	1	280851-01	ROLLER COVER
9	2	268264-02	GREASE FITTING, DRIVE-IN, 3/16"

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CS PLATFORM ASSEMBLY (STEEL)

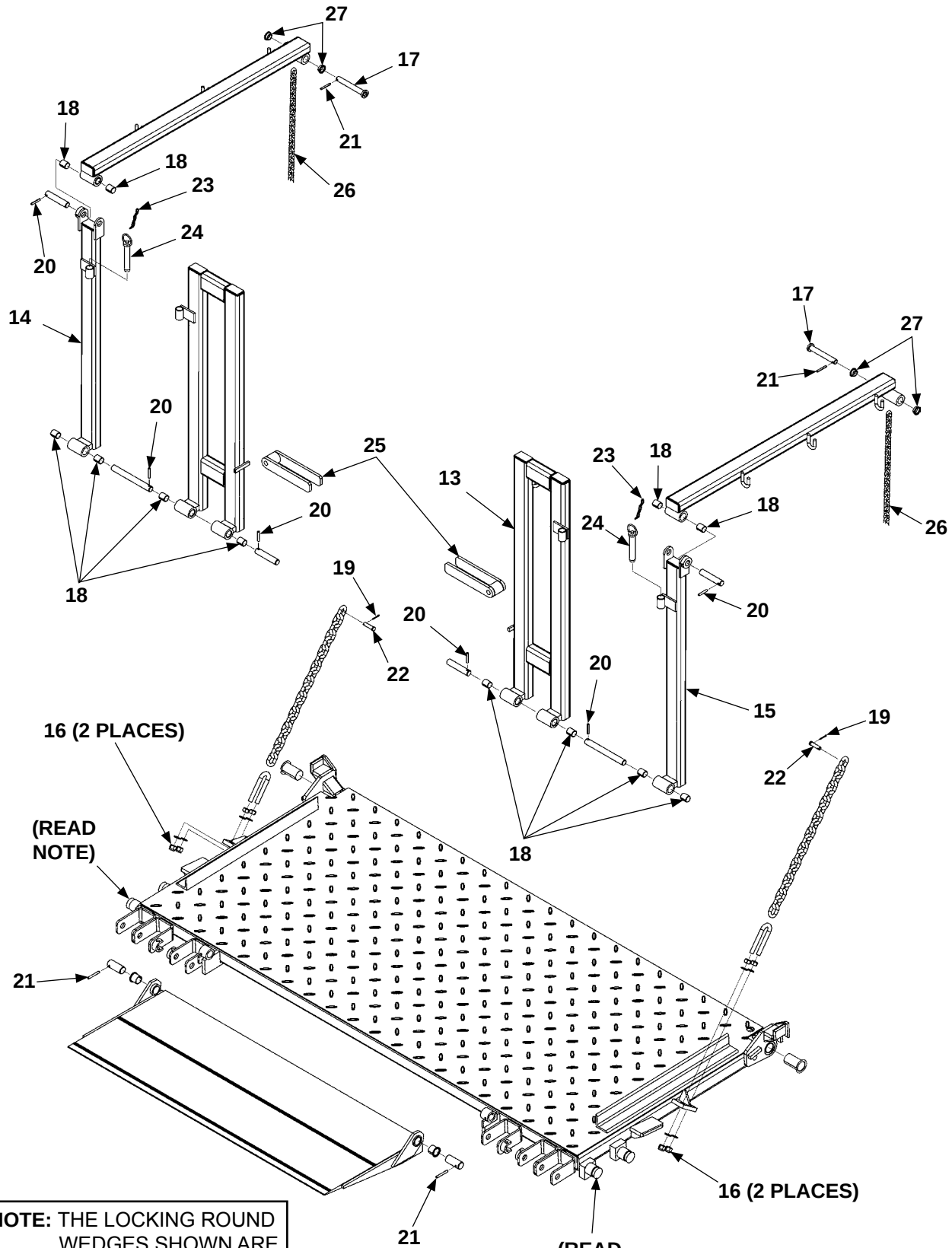
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	282648-426	CS PLATFORM ASSY (STL, 36" DEEP, 96" WIDE VEH)
		282648-427	CS PLATFORM ASSY (STL, 42" DEEP, 96" WIDE VEH)
		282648-436	CS PLATFORM ASSY (STL, 36" DEEP, 102" WIDE VEH)
		282648-437	CS PLATFORM ASSY (STL, 42" DEEP, 102" WIDE VEH)
1	2	282854-01	U-BOLT
2	2	282866-06	CHAIN, 3/8" X 23" LG.
3	1	280586-01	RAMP, BMRA-CS EXTRUDED
3A	2	908002-01	BEARING, SELF LUBE, 1" I.D. X 1" LG.
4	2	260772	PIN, 1" X 2-3/8" LG.
5	2	260876	PIN, 3/4" X 6-7/8" LG.
6	4	260877	PIN, 3/4" X 3-3/4" LG.
7	4	901011-9	NUT, 1/2"-13
8	8	902000-14	FLAT WASHER, 1/2"
9	1	282963-01	PLATFORM (36" DEEP, 96" WIDE VEHICLE)
		282963-02	PLATFORM (42" DEEP, 96" WIDE VEHICLE)
		282963-03	PLATFORM (36" DEEP, 102" WIDE VEHICLE)
		282963-04	PLATFORM (42" DEEP, 102" WIDE VEHICLE)
9A	2	905200	BEARING, SELF LUBE, 2-1/4" DIA. X 2-1/2" LG.
10	1	280320-01	HORIZONTAL RAIL, LH (36" DEEP PLATFORM)
		280320-03	HORIZONTAL RAIL, LH (42" DEEP PLATFORM)
11	1	280320-02	HORIZONTAL RAIL, RH (36" DEEP PLATFORM)
		280320-04	HORIZONTAL RAIL, RH (42" DEEP PLATFORM)
12	1	280334-01	FOLDING RAIL, LH (96" WIDE VEHICLE)
		280334-03	FOLDING RAIL, LH (102" WIDE VEHICLE)

CS PLATFORM ASSEMBLY (STEEL) - Continued



NOTE: THE LOCKING ROUND WEDGES SHOWN ARE ONLY ON 36" DEEP PLATFORM.

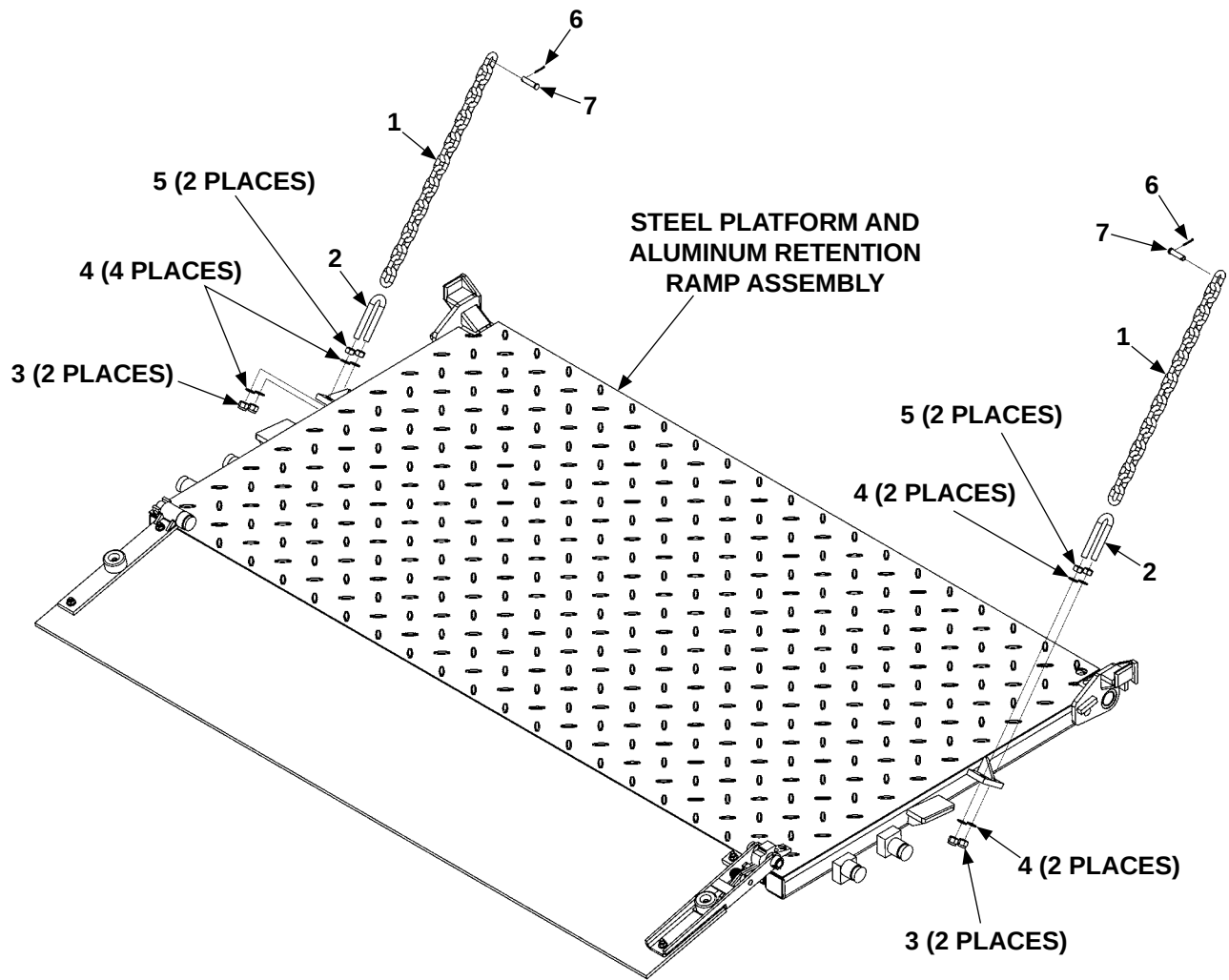
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ITEM	QTY.	PART NO.	DESCRIPTION
13	1	280334-02	FOLDING RAIL, RH (96" WIDE VEHICLE)
		280334-04	FOLDING RAIL, RH (102" WIDE VEHICLE)
14	1	280335-01	CORNER POST, LH
15	1	280335-02	CORNER POST, RH
16	4	901010	LOCK NUT, 1/2"-13
17	2	280324-01	PIN WELDMENT, 5-3/4" LG.
18	12	260917-06	BEARING, SELF LUBE, 3/4" I.D. X 1" LG.
19	2	030805	COTTER PIN, 1/8" X 1" LG.
20	6	905033-1	ROLL PIN, 1/4" X 1-1/2" LG.
21	4	905033-5	ROLL PIN, 1/4" X 2" LG.
22	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG.
23	2	050408-05	CHAIN, #4, 5 LINKS
24	2	202802	BALL LOCK PIN
25	2	260755	LATCH ASSEMBLY
26	2	050162-12	CHAIN, 2/0, 46" LG.
27	4	265072	BEARING, SELF LUBE, 3/4" I.D. X 3/8" LG.

ONE PIECE STEEL PLATFORM ASSEMBLY

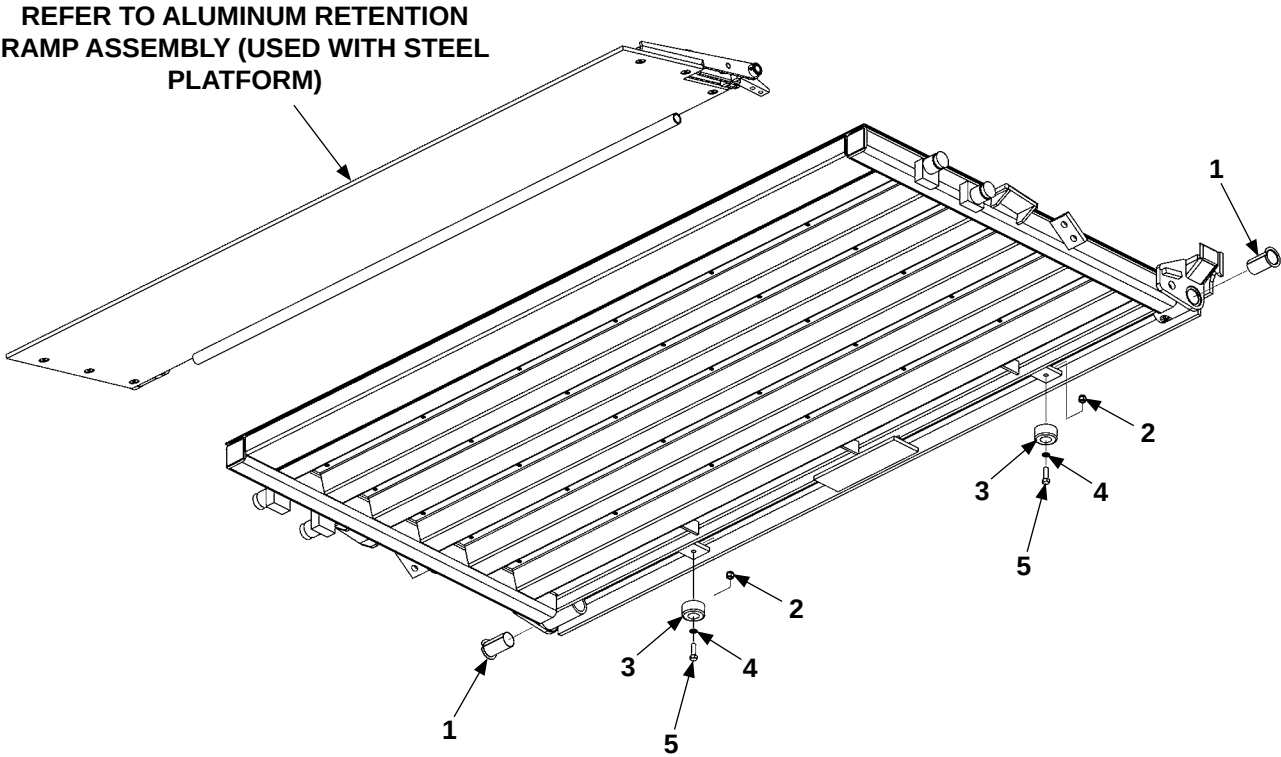
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	282643-407	1-PC PLATFORM ASSY (STL, 42" DEEP, 96" WIDE VEH)
		282643-408	1-PC PLATFORM ASSY (STL, 48" DEEP, 96" WIDE VEH)
		282643-417	1-PC PLATFORM ASSY (STL, 42" DEEP, 102" WIDE VEH)
		282643-418	1-PC PLATFORM ASSY (STL, 48" DEEP, 102" WIDE VEH)
1	2	282866-06	CHAIN, 3/8" X 23" LG.
2	2	282854-01	U-BOLT
3	4	901010	LOCK NUT, 1/2"-13
4	8	902000-14	FLAT WASHER, 1/2"
5	4	901011-9	NUT, 1/2"-13
6	2	030805	COTTER PIN, 1/8" X 1" LG.
7	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG.

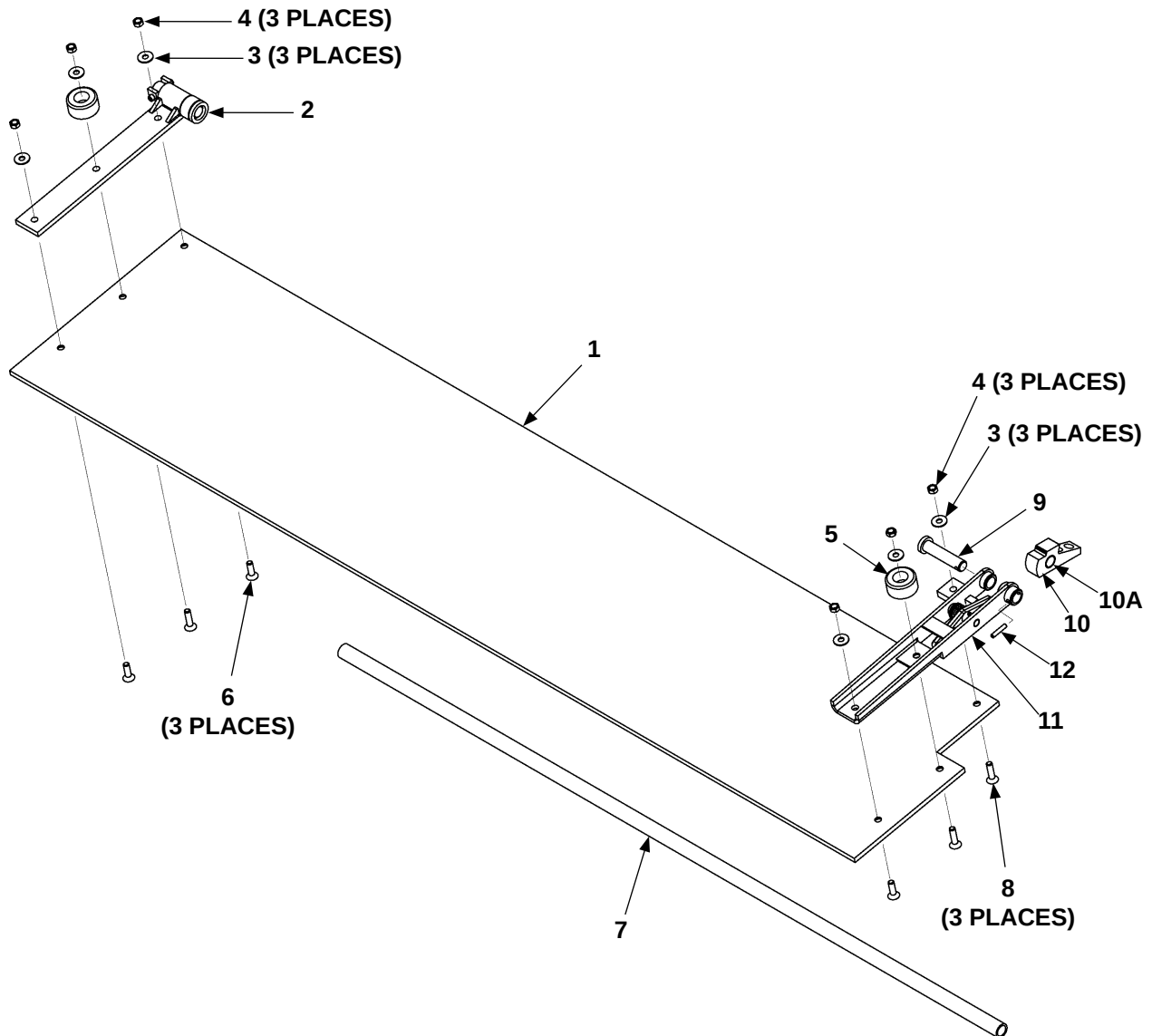
STEEL PLATFORM AND ALUMINUM RETENTION RAMP ASSEMBLY

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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	282967-01	PLATFORM (42" DEEP, 96" WIDE VEHICLE)
		282967-02	PLATFORM (48" DEEP, 96" WIDE VEHICLE)
		282967-03	PLATFORM (42" DEEP, 102" WIDE VEHICLE)
		282967-04	PLATFORM (48" DEEP, 102" WIDE VEHICLE)
1	2	905200	BEARING, SELF LUBE, 2-1/4" DIA. X 2-1/2" LG.
2	2	901002	NYLON LOCK NUT, 3/6"-16
3	2	253516	RUBBER BUMPER
4	2	902000-10	FLAT WASHER, 3/8"
5	2	900014-5	HEX HEAD BOLT, 3/8"-16 X 1-1/4" LG.

ALUMINUM RETENTION RAMP ASSEMBLY (USED WITH STEEL PLATFORM)



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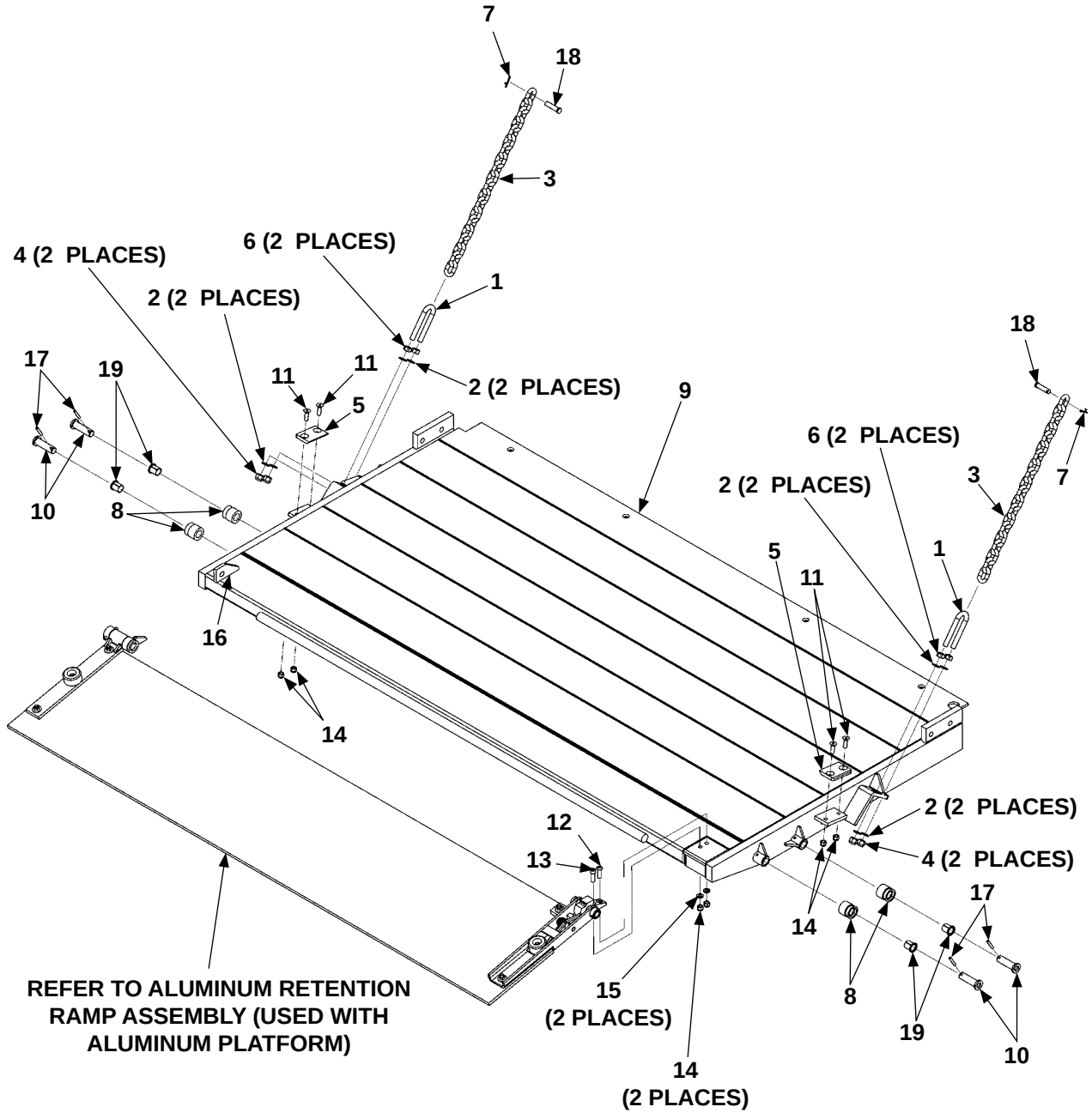
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	264699-02	AL RET. RAMP ASSY, 16" (96" WIDE VEH)
		264699-03	AL RET. RAMP ASSY, 16" (102" WIDE VEH)
1	1	264697-02	ALUMINUM RAMP 16" X 77" LG. (96" WIDE VEH)
		264697-03	ALUMINUM RAMP 16" X 83" LG. (102" WIDE VEH)
2	1	253524	HINGE ASSEMBLY LH
3	6	902001-2	FLAT WASHER, 3/8"
4	6	030955	NYLON LOCK NUT, 3/8"-16
5	2	253516	RUBBER BUMPER
6	3	900040-5	SCREW, FLAT SOCKET HEAD, 3/8"-16" X 1-1/4" LG.
7	1	225985	PIPE, 3/4" X 60" LG.
8	3	900040-6	SCREW, FLAT SOCKET HEAD, 3/8"-16 X 1-1/2" LG.
9	1	264586	PIN WELDMENT
10	1	264639	LOCKING CAM
10A	1	260917-06	BEARING, SELF LUBE
11	1	264572	HINGE ASSEMBLY RH
12	1	905033-2	ROLL PIN, 1/4" X 1-1/4" LG.

ONE PIECE ALUMINUM PLATFORM ASSEMBLY (42" DEEP)

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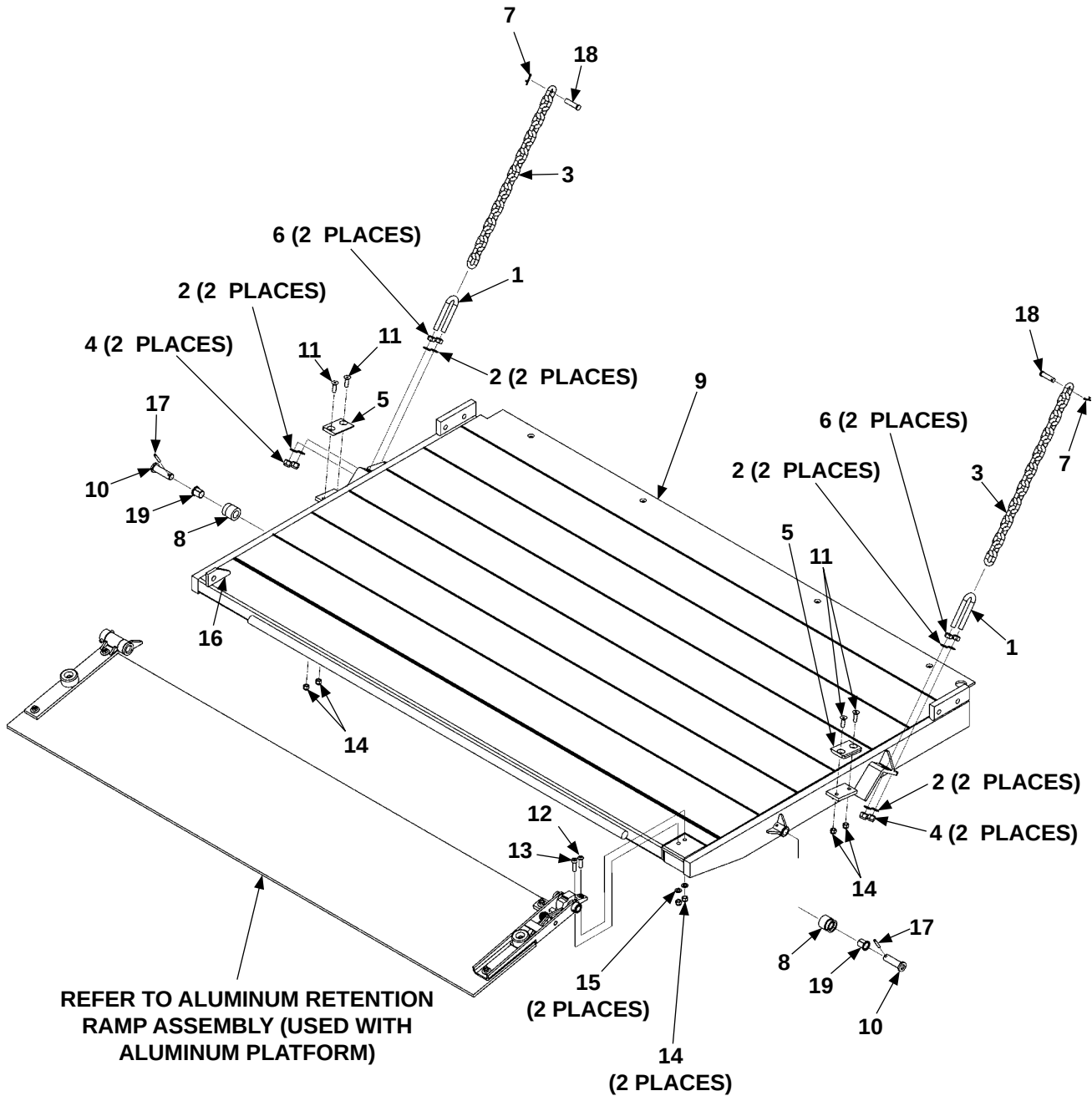


ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280315-01	1-PC PLATFORM ASSY (AL, 42" DEEP, 96" WIDE VEH)
		280315-03	1-PC PLATFORM ASSY (AL, 42" DEEP, 102" WIDE VEH)
1	2	282854-01	U-BOLT
2	8	902000-14	FLAT WASHER, 1/2"
3	2	282866-06	CHAIN, 23" LG.
4	2	901010	LOCK NUT, 1/2"-13
5	2	280027	BRACKET
6	4	901011-9	NUT, 1/2"-13 LG.
7	2	030805	COTTER PIN, 1/8" X 1" LG.
8	4	280283-01	LOCKING ROUND WEDGE
9	1	283170-01	PLATFORM WELDMENT (96" WIDE VEHICLE)
		283170-03	PLATFORM WELDMENT (102" WIDE VEHICLE)
10	4	280495-01	PIN WELDMENT, 2-1/2" LG.
11	4	900040-5	SOCKET FLAT HEAD SCREW, 3/8"-16 X 1-1/4" LG.
12	1	900064-06	BUTTON HEAD CAP SCREW, 3/8"-16 X 1-1/4" LG.
13	1	900065-05	SOCKET HEAD SCREW, 3/8"-16 X 1-1/4" LG.
14	6	901002	NYLON LOCK NUT, 3/8"-16
15	2	902000-10	FLAT WASHER, 3/8"
16	1	280877-01	GUSSET
17	4	905033-1	ROLL PIN, 1/4" X 1-1/2" LG.
18	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG.
19	4	905305-01	BEARING, SELF LUBE, 3/4" I.D. X 1-1/4" LG.

ONE PIECE ALUMINUM PLATFORM ASSEMBLY (48" DEEP)

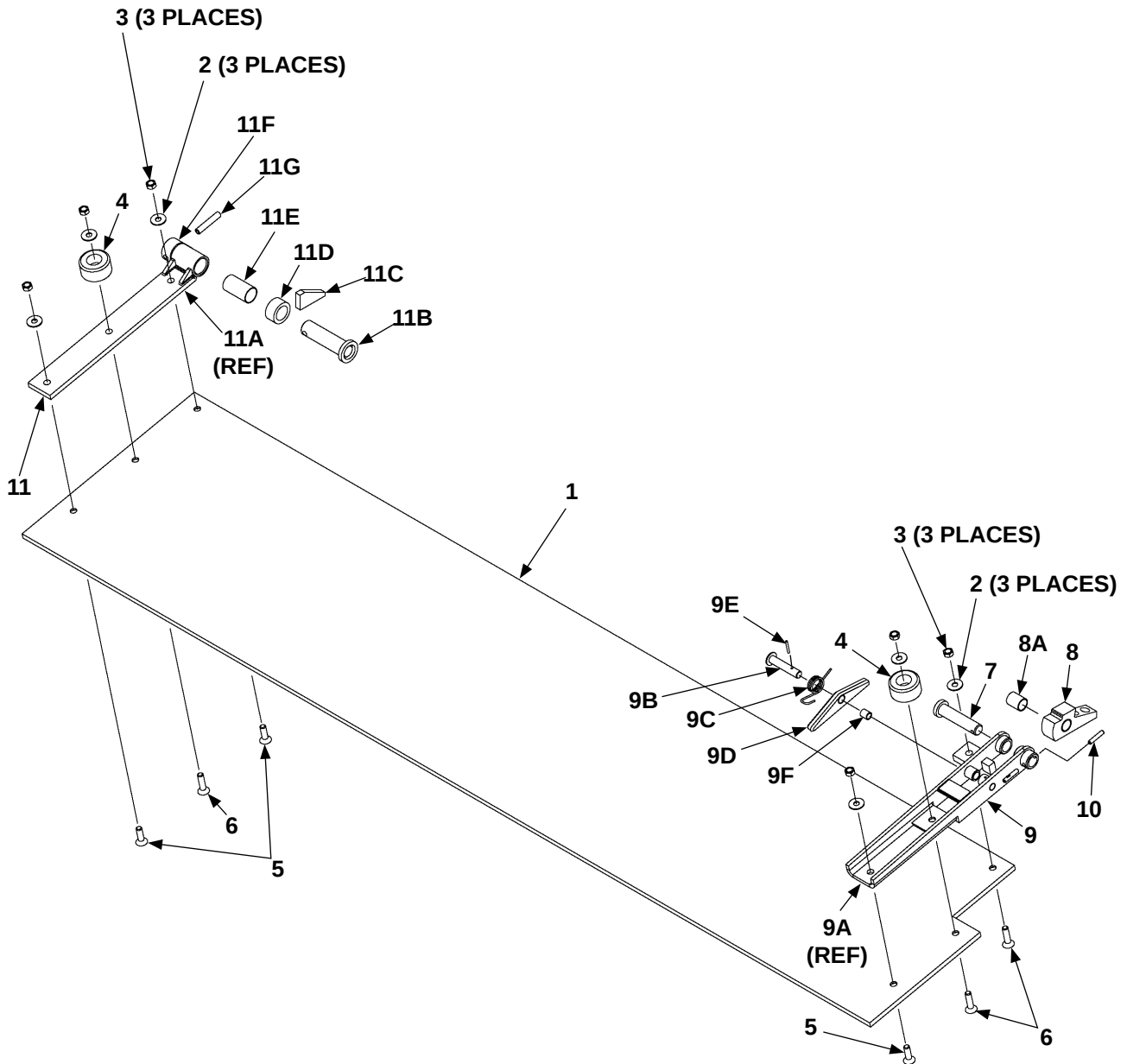
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280315-02	1-PC PLATFORM ASSY (AL, 48" DEEP, 96" WIDE VEH)
		280315-04	1-PC PLATFORM ASSY (AL, 48" DEEP, 102" WIDE VEH)
1	2	282854-01	U-BOLT
2	8	902000-14	FLAT WASHER, 1/2"
3	2	282866-06	CHAIN, 23" LG.
4	2	901010	LOCK NUT, 1/2"-13
5	2	280027	BRACKET
6	4	901011-9	NUT, 1/2"-13 LG.
7	2	030805	COTTER PIN, 1/8" X 1" LG.
8	2	280283-01	LOCKING ROUND WEDGE
9	1	283170-02	PLATFORM WELDMENT (96" WIDE VEHICLE)
		283170-04	PLATFORM WELDMENT (102" WIDE VEHICLE)
10	2	280495-01	PIN WELDMENT, 2-1/2" LG.
11	4	900040-5	SOCKET FLAT HEAD SCREW, 3/8"-16 X 1-1/4" LG.
12	1	900064-06	BUTTON HEAD CAP SCREW, 3/8"-16 X 1-1/4" LG.
13	1	900065-05	SOCKET HEAD SCREW, 3/8"-16 X 1-1/4" LG.
14	6	901002	NYLON LOCK NUT, 3/8"-16
15	2	902000-10	FLAT WASHER, 3/8"
16	1	280877-01	GUSSET
17	2	905033-1	ROLL PIN, 1/4" X 1-1/2" LG.
18	2	905136-01	CLEVIS PIN, 1/2" X 1-7/8" LG.
19	2	905305-01	BEARING, SELF LUBE, 3/4" I.D. X 1-1/4" LG.

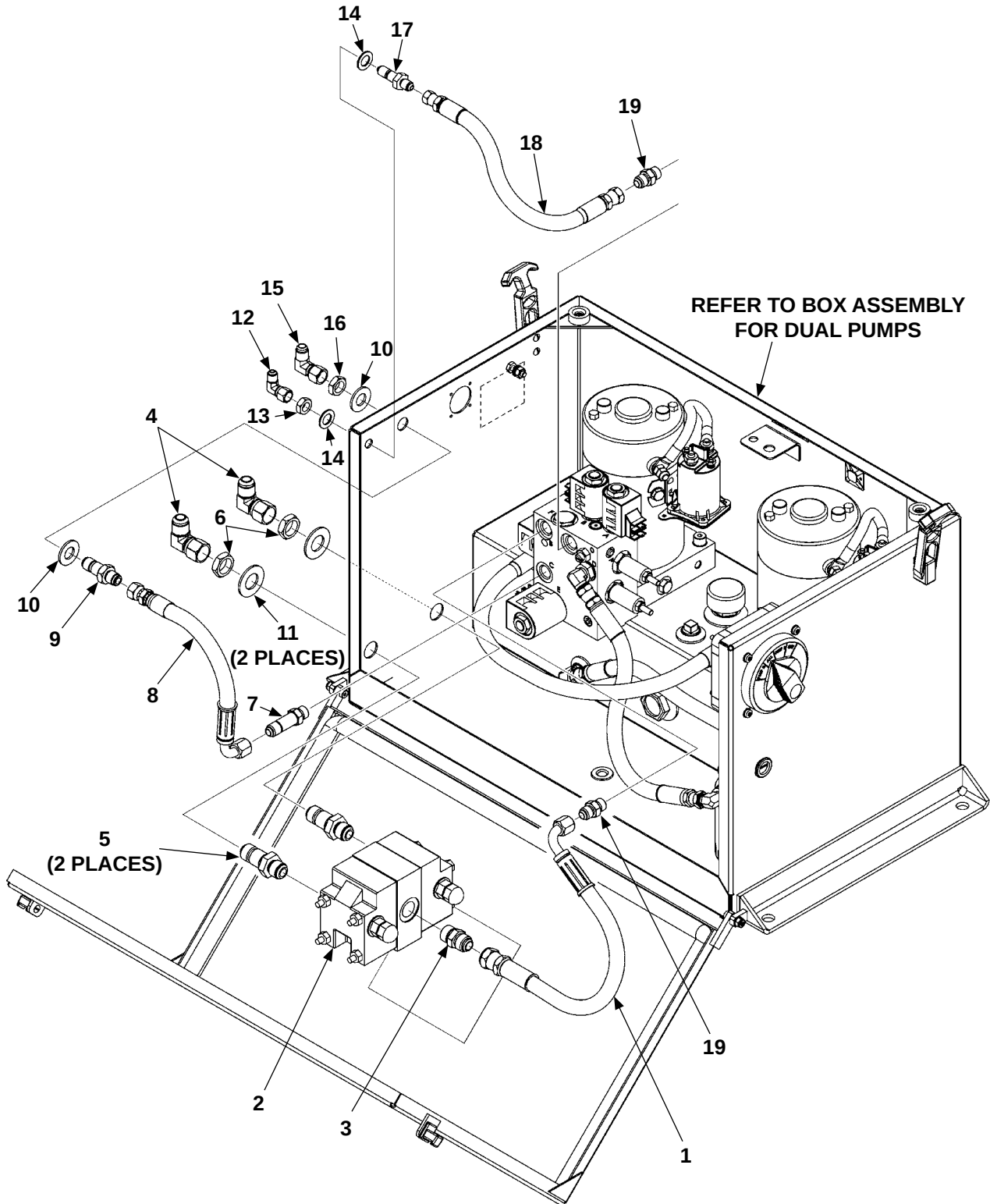
ALUMINUM RETENTION RAMP ASSEMBLY (USED WITH ALUMINUM PLATFORM)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	264699-06	AL RET. RAMP ASSY, 16" (96" WIDE VEHICLE)
		264699-07	AL RET. RAMP ASSY, 16" (102" WIDE VEHICLE)
1	1	264697-06	ALUMINUM RAMP (96" WIDE VEHICLE)
		264697-07	ALUMINUM RAMP (102" WIDE VEHICLE)
2	6	902001-2	LOCK WASHER, 3/8"
3	6	030955	LOCK NUT, 3/8"-16
4	2	253516	RUBBER BUMPER
5	3	900040-5	SOCKET FLAT HD SCREW, 3/8-16 X 1-1/4" LG, GR8
6	3	900040-6	SOCKET FLAT HD SCREW, 3/8-16 X 1-1/2" LG, GR8
7	1	264586	PIN WELDMENT, 3/4" LG.
8	1	264639	LOCKING CAM
8A	1	260917-06	BEARING, SELF LUBE
9	1	264572	HINGE ASSEMBLY RH
9A	1	REF	HINGE WELDMENT, RH
9B	1	264577	PIN WELDMENT, 1/2" LG.
9C	1	264638	TORSION SPRING, LH
9D	1	264547	LOCKING ARM ASSY
9E	1	030406	ROLL PIN, 1/8" X 1" LG.
9F	1	253542	BEARING, SELF LUBE
10	1	905033-2	ROLL PIN, 1/4" X 1-1/4" LG.
11	1	263463	HINGE ASSEMBLY LH
11A	1	REF	HINGE ARM WELDMENT
11B	1	253528	PIN WELDMENT
11C	1	263467	GUSSET
11D	1	091884-10	ROUND TUBE, ALUMINUM, 3/4" LG.
11E	1	253541	BEARING, SELF LUBE
11F	1	263466	PIN COLLAR
11G	1	221416	ROLL PIN, 3/8" X 2" LG.

HYDRAULIC COMPONENTS

DUAL PUMP ASSEMBLY (POWER DOWN)

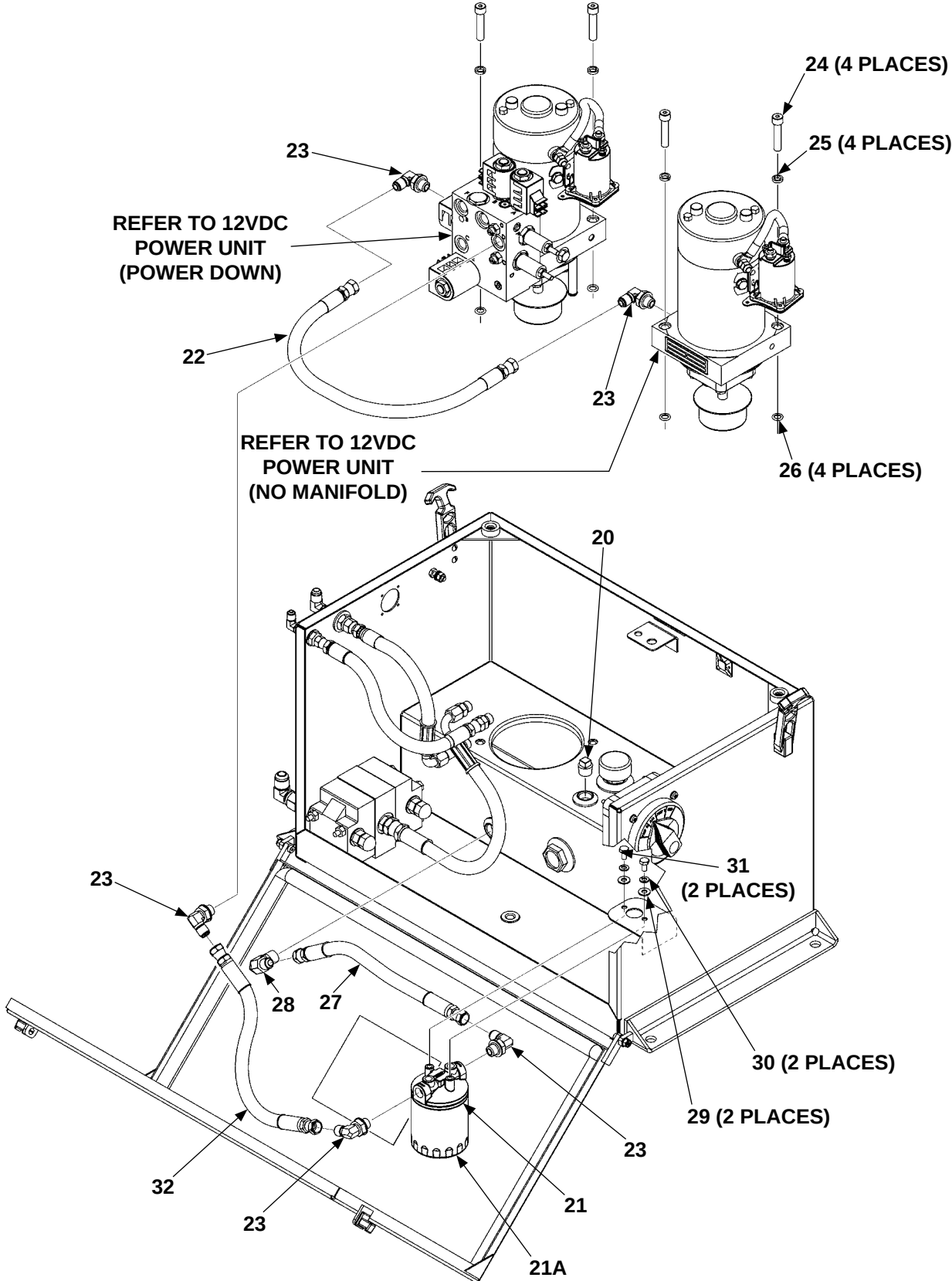


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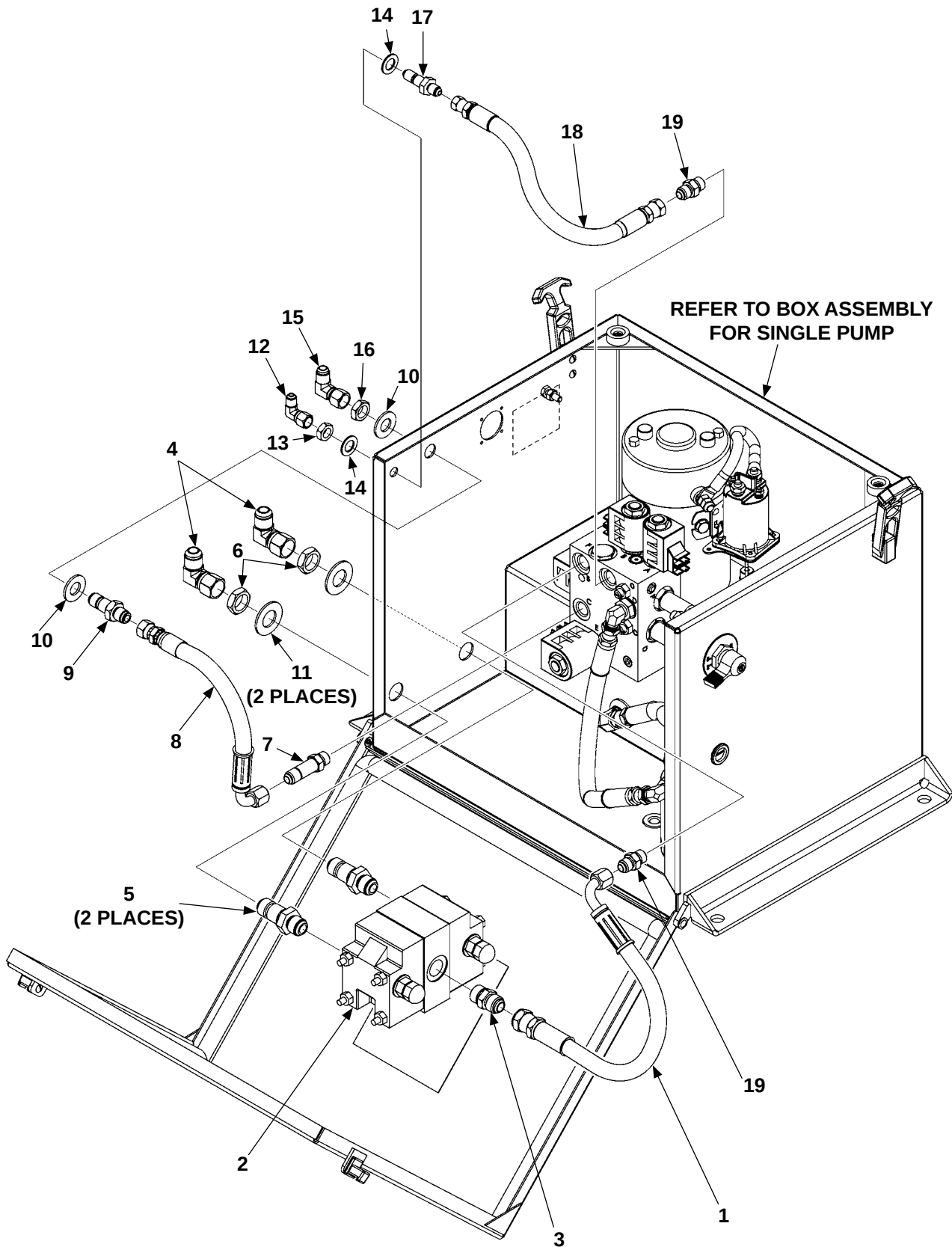
ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283060-01	DUAL PUMP ASSY, GRAVITY DOWN
1	1	263971	HP HOSE, 3/8" X 17-9/16" LG, JIC#6F-#8F
2	1	253513	FLOW DIVIDER
3	1	253706	STRAIGHT UNION SAE#8 & JIC#8 M-M
4	2	260120	ELBOW, 90°, SAE 37°, JIC#8-M & JIC#8-F
5	2	261461	UNION, BULKHEAD, SAE 37° FLARE TWIN
6	2	261462	NUT, BULKHEAD, SAE 37° FLARE TWIN
7	1	905214	FITTING, STR. THD., O-RING SAE #6 & JIC #6
8	1	283063-01	HP HOSE, 3/8" X 10-1/2", JIC#6 F 90°
9	1	905100	STRAIGHT UNION JIC#6
10	2	902013-14	FLAT WASHER, 9/16" ZINC
11	2	902000-20	FLAT WASHER, 3/4"
12	1	905027	ELBOW, SW NUT #4 SAE 37° M-F
13	1	905085	NUT, BULKHEAD, JIC#4
14	2	902000-14	FLAT WASHER, 1/2" X 7/64"
15	1	905154	ELBOW, 90°, SAE 37°, JIC #6 M-F
16	1	905086	NUT, BULKHEAD JIC#6
17	1	905096	STRAIGHT UNION JIC#4
18	1	283294-01	HP HOSE, 3/8" X 13" LG, JIC#6F-#4F
19	2	905153	FITTING, STRAIGHT THD. SAE#6 & JIC #6

DUAL PUMP ASSEMBLY (POWER DOWN) - Continued



ITEM	QTY.	PART NO.	DESCRIPTION
20	1	700729	PLUG, 3/8"
21	1	268835-01	SPIN-ON OIL FILTER (HEAD & CARTRIDGE)
21A	1	262412	FILTER (SPIN-ON CARTRIDGE)
22	1	283010-01	HP HOSE, 3/8" X 22" LG, JIC#6 F-F
23	5	905152	ELBOW, 90°, SAE #6 & JIC 37° #6
24	4	263951	CAP SCREW, 3/8"-16 X 1-3/4" LG.
25	4	263952	LOCK WASHER, 3/8" ZINC
26	4	908025-01	O-RING
27	1	283099-01	HP HOSE, 3/8" X 15" LG, JIC#6 F-F
28	1	906837-01	ELBOW, 90°, 3/8"-M & JIC-3/8 NPT
29	2	902013-09	FLAT WASHER, 1/4" ZINC
30	2	902011-2	LOCK WASHER, 1/4" X 1/16" THK.
31	2	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG, GR8 ZINC
32	1	263967	HP HOSE, 3/8" X 16-1/8" LG, JIC#6 F-F

SINGLE PUMP ASSEMBLY (POWER DOWN)

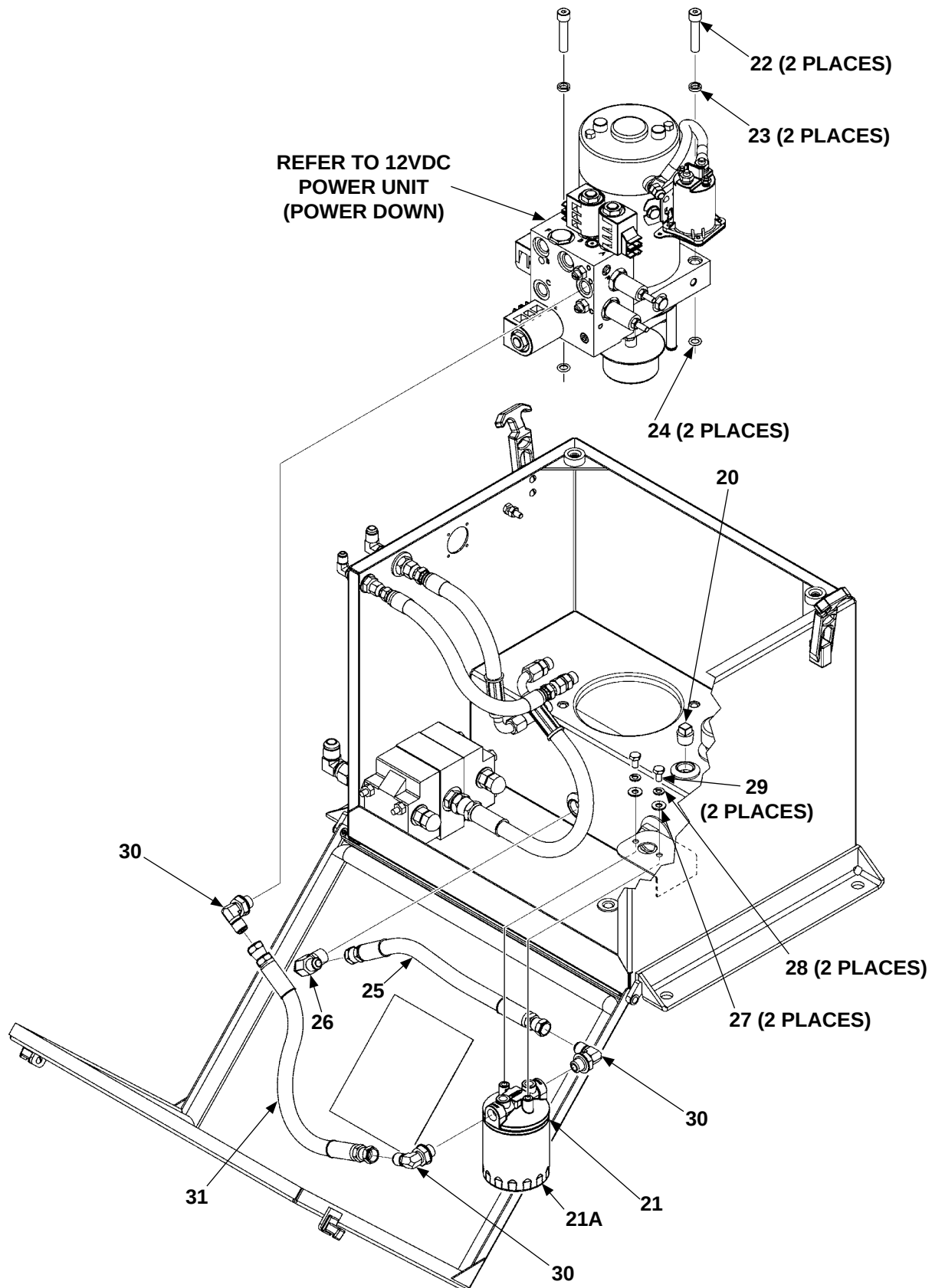


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ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283300-01	SINGLE PUMP ASSY, GRAVITY DOWN
1	1	263971	HP HOSE, 3/8" X 17-9/16" LG, JIC#6F-#8F
2	1	253513	FLOW DIVIDER
3	1	253706	STRAIGHT UNION SAE#8 & JIC#8 M-M
4	2	260120	ELBOW, 90°, JIC#8-M & JIC#8-F
5	2	261461	UNION, BULKHEAD, SAE 37° FLARE TWIN
6	2	261462	NUT, BULKHEAD, SAE 37° FLARE TWIN
7	1	905214	FITTING, STR. THD., O-RING SAE #6 & JIC #6
8	1	283063-01	HP HOSE, 3/8" X 10-1/2", JIC#6 F 90°
9	1	905100	STRAIGHT UNION JIC#6
10	2	902010	FLAT WASHER, 19/32"
11	2	902000-20	FLAT WASHER, 3/4"
12	1	905027	ELBOW JIC #4 M-F SW
13	1	905085	NUT, BULKHEAD, JIC#4
14	2	902000-14	FLAT WASHER, 1/2" X 7/64"
15	1	905154	ELBOW, 90°, SAE 37°, JIC #6 M-F
16	1	905086	NUT, BULKHEAD JIC#6
17	1	905096	STRAIGHT UNION JIC#4
18	1	283294-01	HP HOSE, 3/8" X 13" LG, JIC#6F-#4F
19	2	905153	FITTING, STRAIGHT THD. SAE#6 & JIC #6

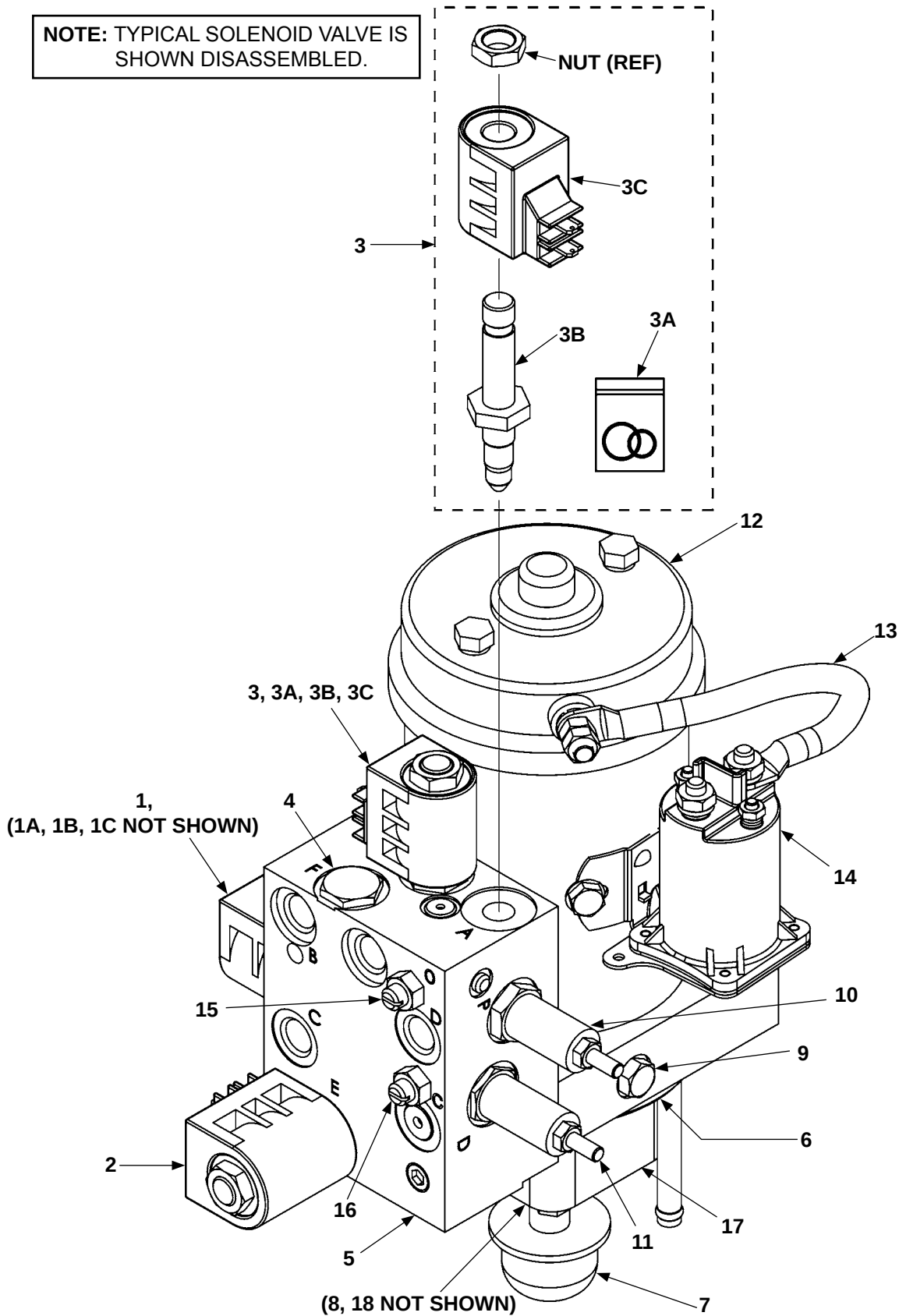
SINGLE PUMP ASSEMBLY (POWER DOWN) - Continued



ITEM	QTY.	PART NO.	DESCRIPTION
20	1	700729	PLUG, 3/8"
21	1	268835-01	SPIN-ON OIL FILTER (HEAD & CARTRIDGE)
21A	1	262412	FILTER (SPIN-ON CARTRIDGE)
22	2	263951	CAP SCREW, 3/8"-16 X 1-3/4" LG.
23	2	263952	LOCK WASHER, 3/8" ZINC
24	2	908025-01	O-RING
25	1	283099-02	HP HOSE, 3/8" X 9-3/4" LG, JIC#6 F-F
26	1	906837-01	ELBOW, 90°, 3/8"-M & JIC-3/8 NPT
27	2	902013-09	FLAT WASHER, 1/4" ZINC
28	2	902011-2	LOCK WASHER, 1/4" X 1/16" THK.
29	2	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG, GR8 ZINC
30	3	905152	ELBOW, 90°, SAE #6 X JIC 37° #6
31	1	263967	HP HOSE, 3/8" X 16-1/8" LG, JIC#6 F-F

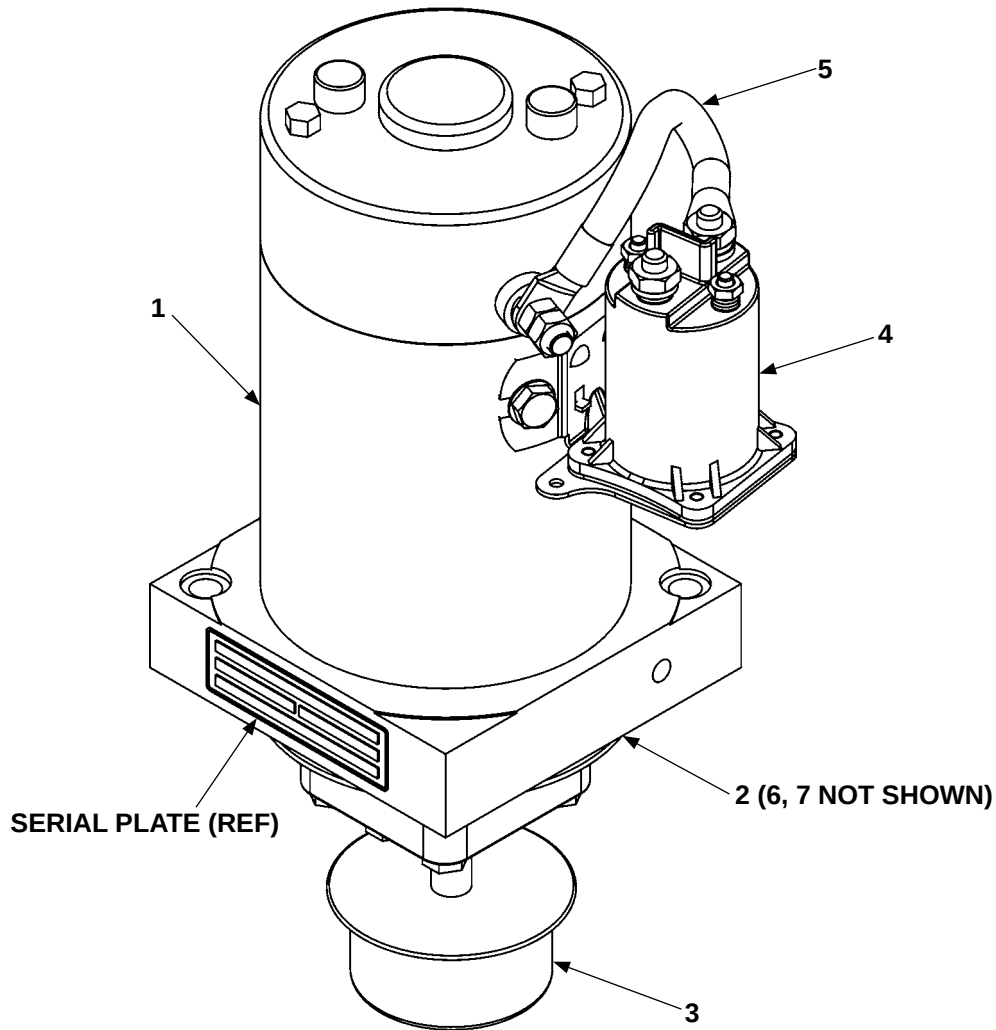
12VDC POWER UNIT (POWER DOWN)

NOTE: TYPICAL SOLENOID VALVE IS SHOWN DISASSEMBLED.



ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283061-01	PUMP/MOTOR, POWER DOWN
1	1	290046	VALVE, 2 POSITION, 4-WAY
1A	1	226594	O-RING KIT, 4-WAY VALVE (NOT SHOWN)
1B	1	290047	VALVE CARTRIDGE ONLY (NOT SHOWN)
1C	1	290048	COIL ONLY (NOT SHOWN)
2	1	290019	VALVE, 2 POSITION, 3 WAY
3	2	290043	VALVE, 2 POSITION, 2-WAY
3A	1	226594	O-RING KIT, 2-WAY VALVE
3B	1	290044	VALVE CARTRIDGE ONLY
3C	1	290045	COIL ONLY
4	1	290033	CHECK VALVE
5	1	290030	MANIFOLD BLOCK ASSEMBLY (WITH VALVES)
6	1	251884	O-RING
7	1	283102-01	FILTER, PUMP INLET
8	1	260261	OIL SEAL (SHAFT SEAL, NOT SHOWN)
9	1	260229	RELIEF VALVE (2750 PSI)
10	1	290035	RELIEF VALVE (2400 PSI)
11	1	290036	RELIEF VALVE (300 PSI)
12	1	268337-01	MOTOR, 12 VDC HD
13	1	280404	CABLE ASSY
14	1	268030-01	SWITCH, SOLENOID
15	1	290031	NEEDLE VALVE (OPENING ADJUSTMENT)
16	1	290032	NEEDLE VALVE (CLOSING ADJUSTMENT)
17	1	283101-01	PUMP ASSEMBLY, 204
18	1	290020	O-RING (NOT SHOWN)

12VDC POWER UNIT (PUMP 2, NO MANIFOLD)



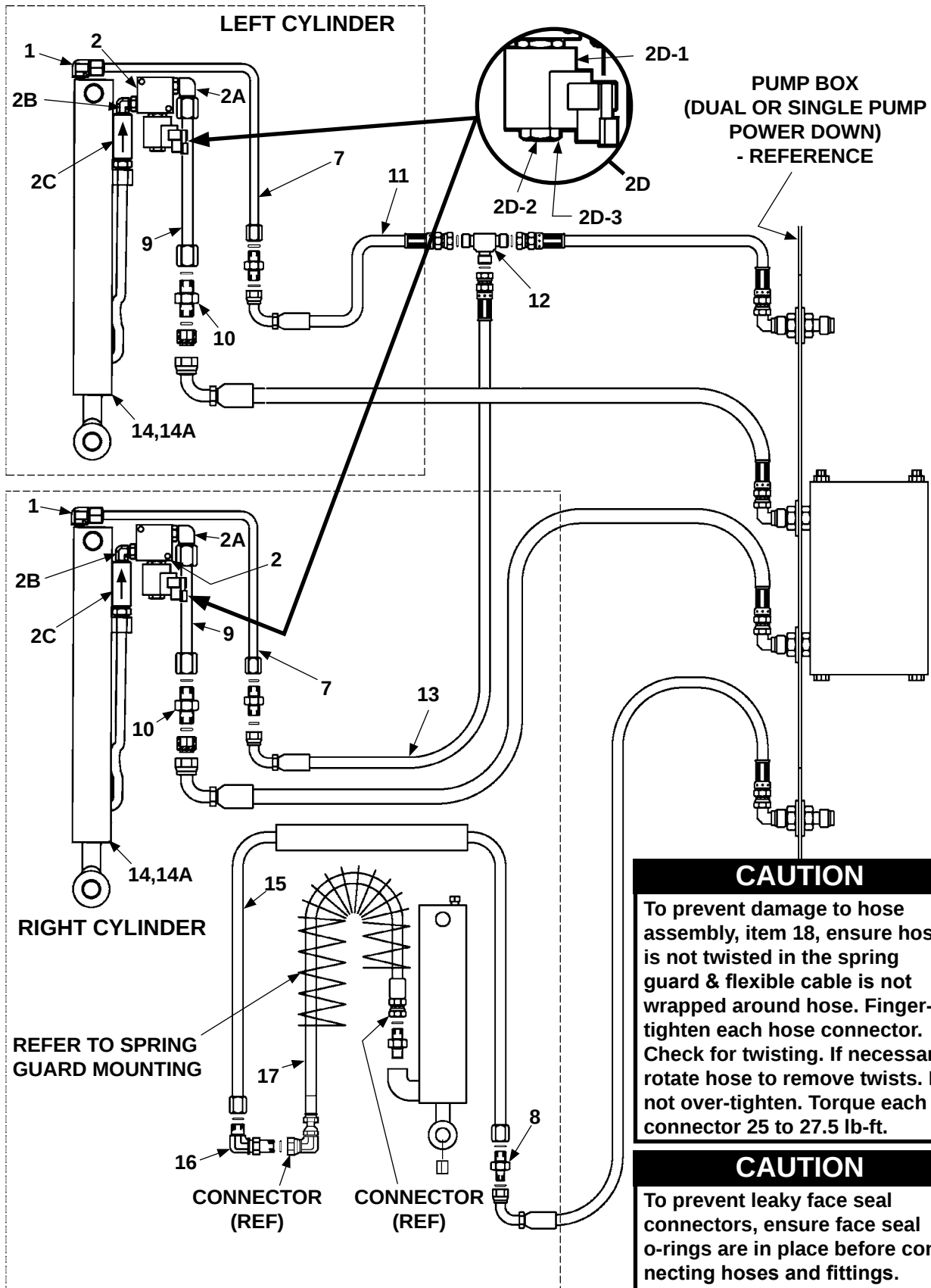
ITEM	QTY.	PART NO.	DESCRIPTION
1	1	268337-01	MOTOR, 12 VDC HD
2	1	283101-01	PUMP ASSEMBLY, 204
3	1	283102-01	FILTER, PUMP INLET
4	1	268030-01	SWITCH, SOLENOID ASSY
5	1	280404	CABLE ASSY
6	1	260261	OIL SEAL (SHAFT SEAL, NOT SHOWN)
7	1	290020	O-RING (NOT SHOWN)

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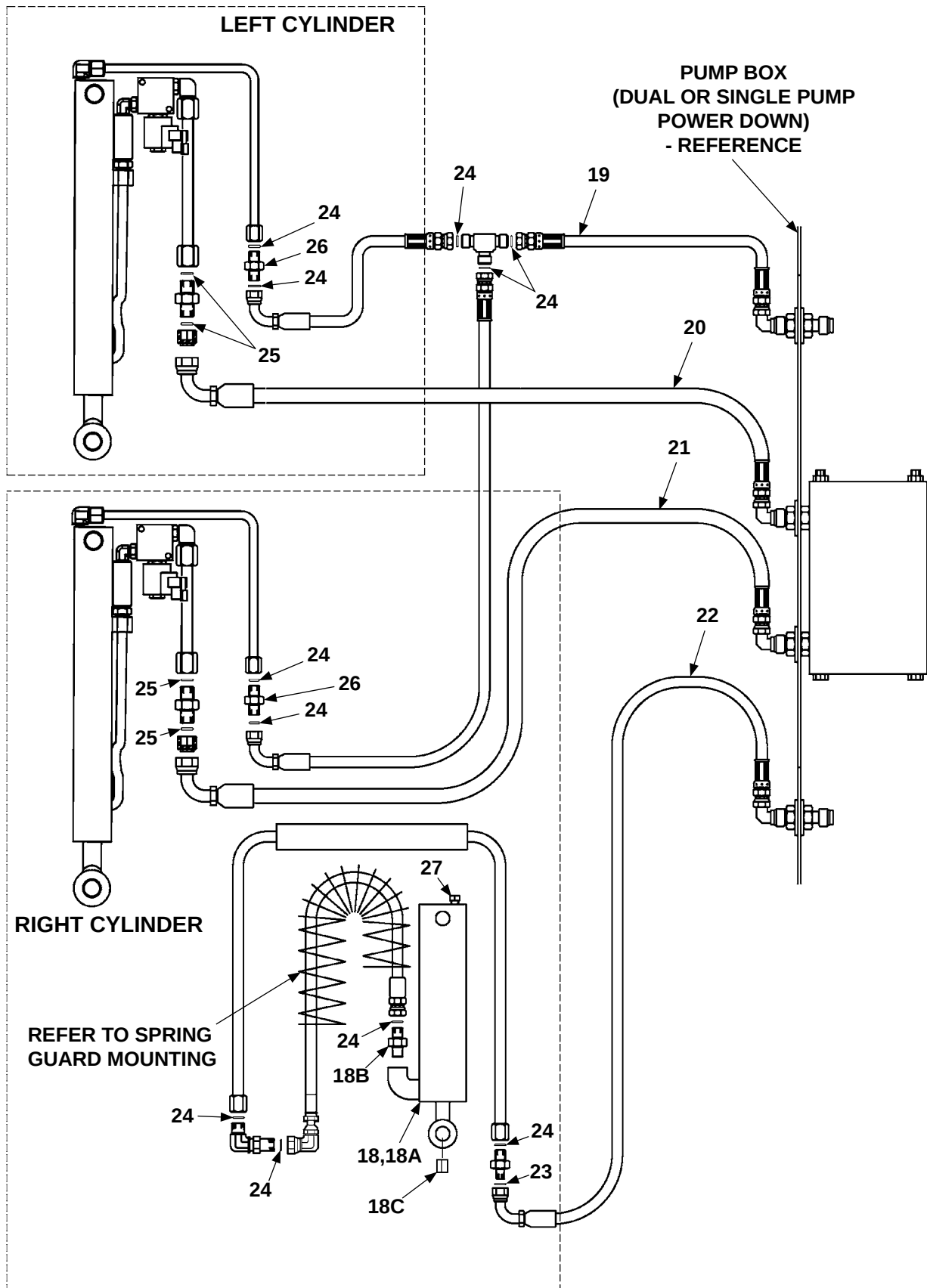
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HYDRAULIC COMPONENTS (POWER DOWN)



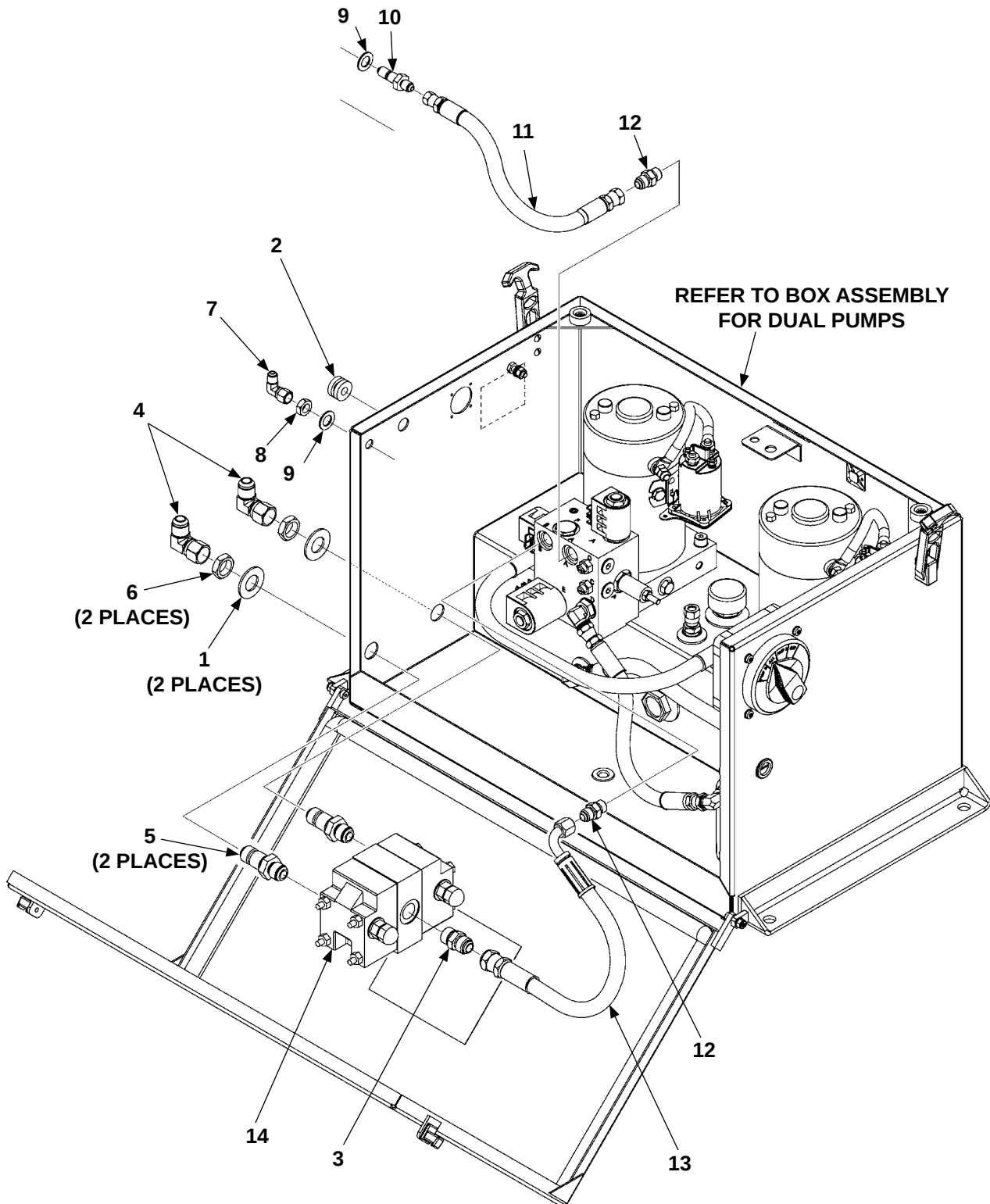
ITEM	QTY.	PART NO.	DESCRIPTION
1	2	905157	ELBOW, 3/8" X 1/4" M-M
2	2	264307	HYDRAULIC LOCK & VALVE ASSY
2A	1	905158	ELBOW STRAIGHT, #8 X #6 M-M
2B	1	260164	ELBOW, 90°, STRAIGHT, #6 X 1/4" M-M
2C	1	269132-01	VALVE ASSY, PRESSURE COMPENSATED, 3GPM
2D	2	282999-01	HYDRAULIC LOCK VALVE ASSY
2D-1	1	906841-01	COIL, 12 VDC
2D-2	1	906840-01	VALVE CARTRIDGE (2W2P)
2D-3	1	906840-02	NUT, CARTRIDGE VALVE
3	-	-	(INTENTIONALLY BLANK)
4	-	-	(INTENTIONALLY BLANK)
5	-	-	(INTENTIONALLY BLANK)
6	-	-	(INTENTIONALLY BLANK)
7	2	280629-01	RETURN TUBE ASSEMBLY
8	1	905180	UNION, FACE SEAL, # 6-#4, 1/4" M - 3/8" M
9	2	280628-01	LIFTING TUBE ASSEMBLY
10	2	905161	UNION, #8 M-M
11	1	264294-02	HP HOSE, 1/4" X 100" LG, #6 FS & #6 FS F-F
12	1	905150	TEE, UNION 3/8" F.S. MALE, 6-JLO
12A	3	906712-02	O-RING #6, 3/8" ORFS TUBE END
13	1	264294-03	HP HOSE, 1/4" X 24" LG, FS #6 F-F
14	2	280663-01	CYLINDER, 1-3/4" DIA. X 53-1/8" STROKE (BMRA-35/-44)
		280663-02	CYLINDER, 2" DIA. X 53-1/8" STROKE (BMRA-55/-66)
14A	1	280524	SEAL KIT, CYL. (BMRA-35/-44)
		280523	SEAL KIT, CYL. (BMRA-55/-66)
15	1	280630-01	"U" TUBE ASSEMBLY, 98" X 11"
16	1	905162	ELBOW BULKHEAD UNION, #6 M-M
17	1	264109	HP HOSE, 1/4" X 46" LG, #4 & #6 FS F-F (SEE CAUTION.)

HYDRAULIC COMPONENTS (POWER DOWN) - Continued



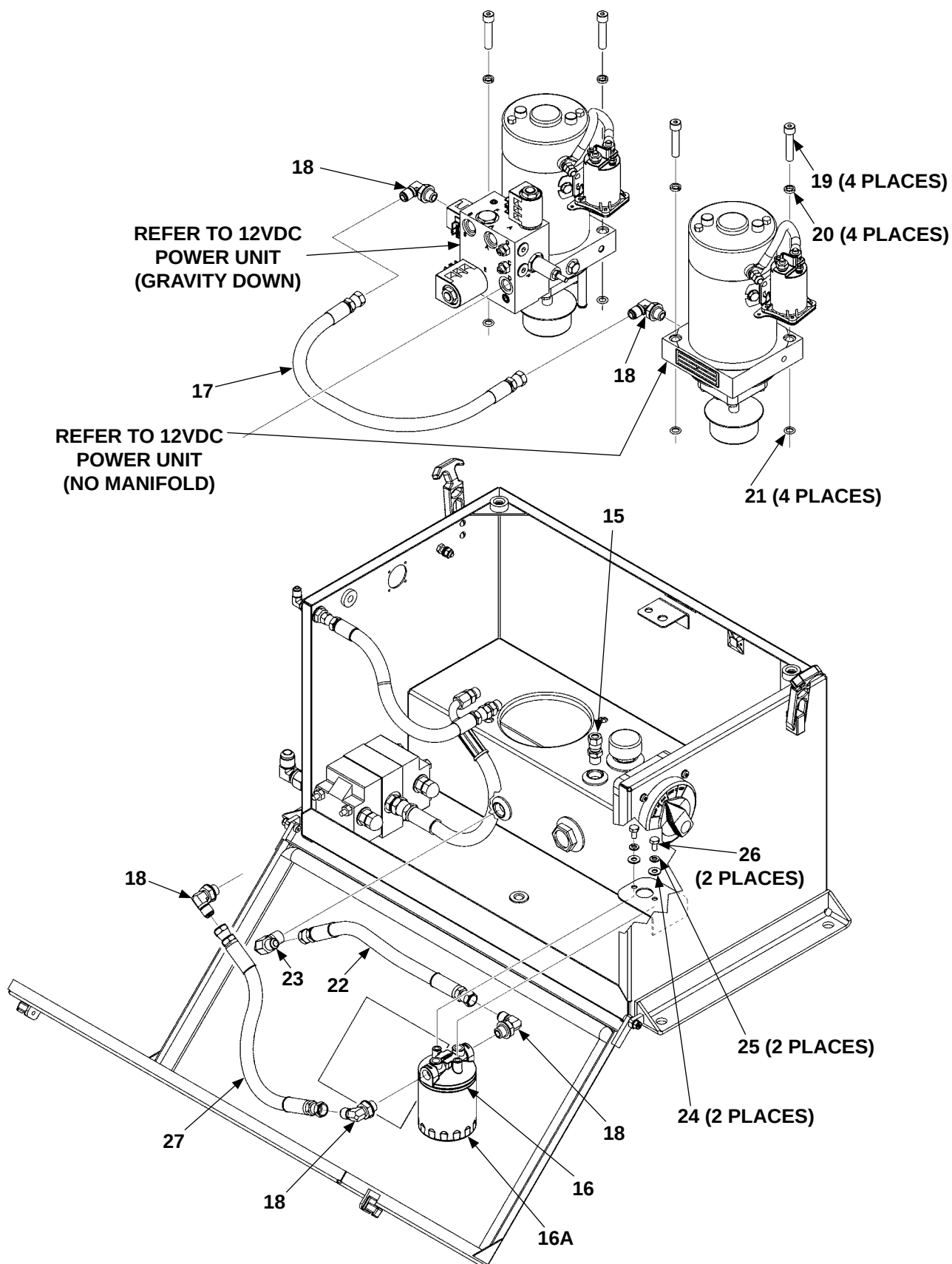
ITEM	QTY.	PART NO.	DESCRIPTION
18	1	264103	CLOSING CYLINDER
18A	1	290060	SEAL KIT, CYLINDER
18B	1	905179	CONNECTOR, #4 X #6 M-M
18C	1	253657	BEARING, SELF-LUBE
19	1	280229-01	HP HOSE, 1/4" X 34" LG, #6 FS JIC#6 F-F
		280229-02	HP HOSE, 1/4" X 166" LG, #6 FS JIC#6 F-F
		280229-03	HP HOSE, 1/4" X 286" LG, #6 FS JIC#6 F-F
20	1	280223-02	HP HOSE, 3/8" X 142" LG, #8 FS JIC#8 F-F
		280223-04	HP HOSE, 3/8" X 274" LG, #8 FS JIC#8 F-F
		280223-06	HP HOSE, 3/8" X 394" LG, #8 FS JIC#8 F-F
21	1	280223-01	HP HOSE, 3/8" X 64" LG, #8 FS JIC#8 F-F
		280223-03	HP HOSE, 3/8" X 196" LG, #8 FS JIC#8 F-F
		280223-05	HP HOSE, 3/8" X 316" LG, #8 FS JIC#8 F-F
22	1	280232-01	HP HOSE, 3/8" X 56" LG, #8 FS JIC#8 F-F
		280232-02	HP HOSE, 3/8" X 188" LG, #8 FS JIC#8 F-F
		280232-03	HP HOSE, 3/8" X 308" LG, #8 FS JIC#8 F-F
23	1	906712-01	O-RING, #4 (1/4" FACE SEAL TUBE-END)
24	11	906712-02	O-RING, #6 (3/8" FACE SEAL TUBE-END)
25	4	906712-03	O-RING, #8 (1/2" FACE SEAL TUBE-END)
26	2	905175	UNION, FACE SEAL, #6 M-M
27	1	040494	BREATHING

DUAL PUMP ASSEMBLY (GRAVITY DOWN)



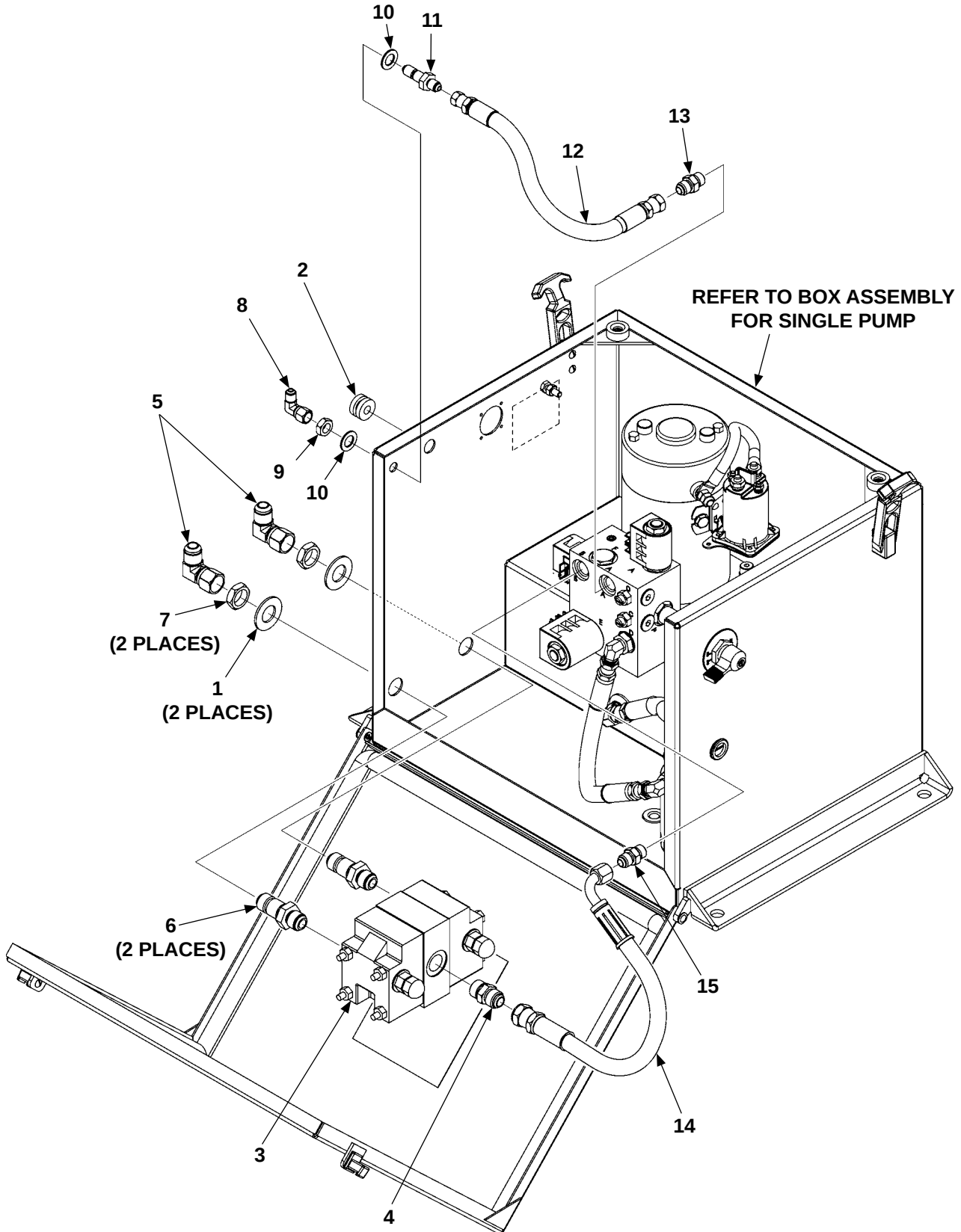
ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283070-01	DUAL PUMP ASSY, GRAVITY DOWN
1	2	902013-16	FLAT WASHER, 3/4" SAE ZINC
2	1	263981	GROMMET, 3/8"
3	1	253706	STRAIGHT UNION SAE#8 O-RING M-M JIC#8
4	2	260120	ELBOW, 90°, SAE 37°, JIC#8-M & JIC#8-F
5	2	261461	UNION, BULKHEAD, SAE 37° FLARE TWIN
6	2	261462	NUT, BULKHEAD, SAE 37° FLARE TWIN
7	1	905027	ELBOW, SW NUT #4 SAE 37° M-F
8	1	905085	NUT, BULKHEAD, JIC#4
9	2	902000-14	FLAT WASHER, 1/2" X 7/64"
10	1	905096	STRAIGHT UNION JIC#4
11	1	283294-01	HP HOSE, 3/8" X 13" LG, JIC#6F-#4F
12	2	905153	FITTING, STRAIGHT THD. SAE#6 & JIC #6
13	1	263971	HP HOSE, 3/8" X 17-9/16" LG, JIC#6F-#8F
14	1	253513	FLOW DIVIDER

DUAL PUMP ASSEMBLY (GRAVITY DOWN) - Continued



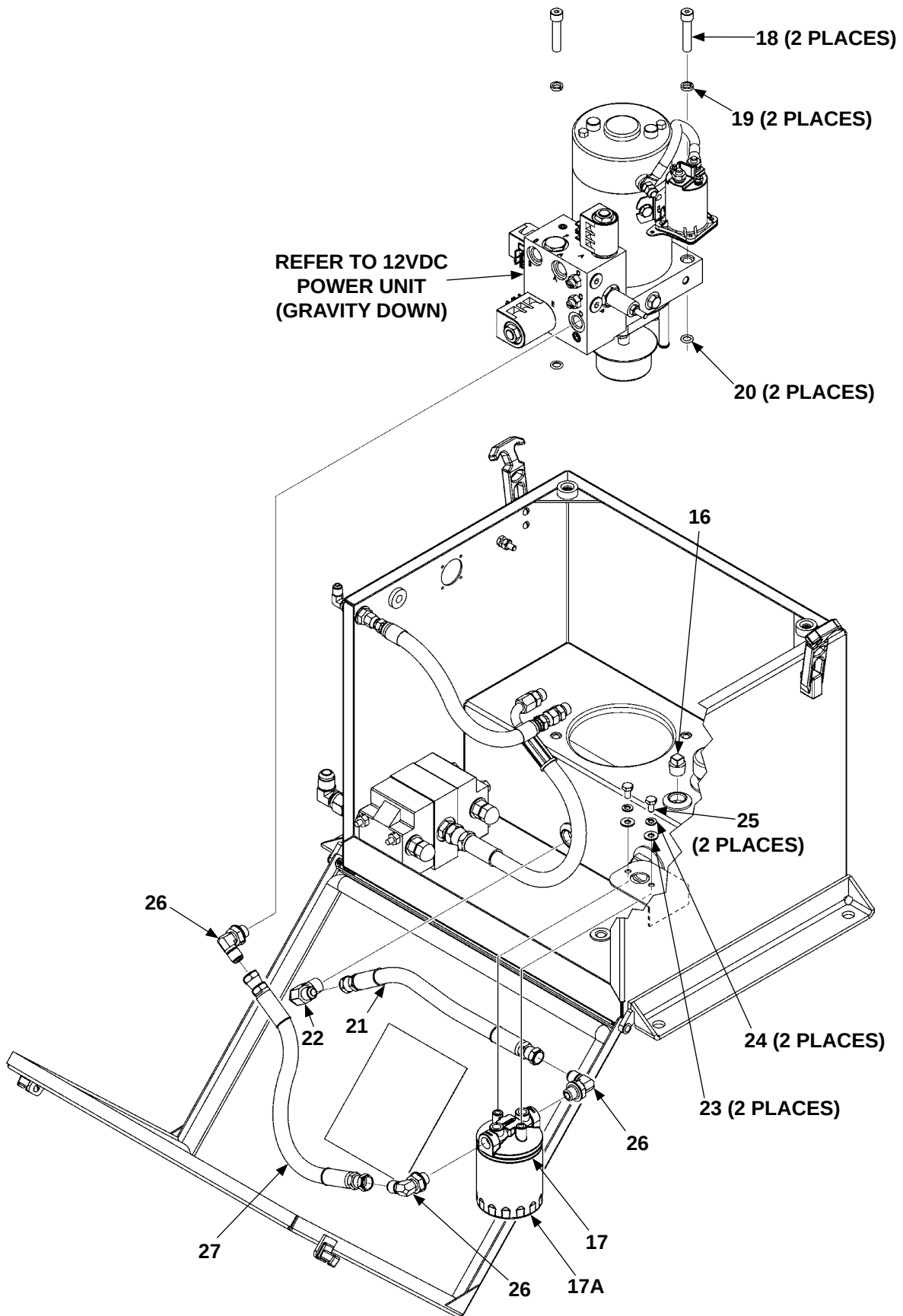
ITEM	QTY.	PART NO.	DESCRIPTION
15	1	202402	AIR FITTING
16	1	268835-01	SPIN-ON OIL FILTER (HEAD & CARTRIDGE)
16A	1	262412	FILTER (SPIN-ON CARTRIDGE)
17	1	283010-01	HP HOSE, 3/8" X 22" LG, JIC#6 F-F
18	5	905152	ELBOW, 90°, SAE #6 & JIC 37° #6
19	4	263951	CAP SCREW, 3/8"-16 X 1-3/4" LG.
20	4	263952	LOCK WASHER, 3/8" ZINC
21	4	908025-01	O-RING
22	1	283099-01	HP HOSE, 3/8" X 15" LG, JIC#6 F-F
23	1	906837-01	ELBOW, 90°, 3/8"-M & JIC-3/8 NPT
24	2	902013-09	FLAT WASHER, 1/4" ZINC
25	2	902011-2	LOCK WASHER, 1/4" X 1/16" THK.
26	2	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG, GR8 ZINC
27	1	263967	HP HOSE, 3/8" X 16-1/8" LG, JIC#6 F-F

SINGLE PUMP ASSEMBLY (GRAVITY DOWN)



ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283301-01	SINGLE PUMP ASSY, GRAVITY DOWN
1	2	902000-20	FLAT WASHER .750 .090 THK
2	1	263981	GROMMET, 3/8"
3	1	253513	FLOW DIVIDER
4	1	253706	STRAIGHT UNION SAE#8 & JIC#8 M-M
5	2	260120	ELBOW, 90°, JIC#8-M & JIC#8-F
6	2	261461	UNION, BULKHEAD, SAE 37° FLARE TWIN
7	2	261462	NUT, BULKHEAD, SAE 37° FLARE TWIN
8	1	905027	ELBOW, SW NUT #4 SAE 37° M-F
9	1	905085	NUT, BULKHEAD, JIC#4
10	2	902000-14	FLAT WASHER, 1/2" X 7/64"
11	1	905096	STRAIGHT UNION JIC#4
12	1	283294-01	HP HOSE, 3/8" X 13" LG, JIC#6F-#4F
13	1	905153	FITTING, STRAIGHT THD. SAE#6 & JIC #6
14	1	263971	HP HOSE, 3/8" X 17-9/16" LG, JIC#6F-#8F
15	1	905214	FITTING, STR. THD., O-RING SAE #6 & JIC #6

SINGLE PUMP ASSEMBLY (GRAVITY DOWN) - Continued



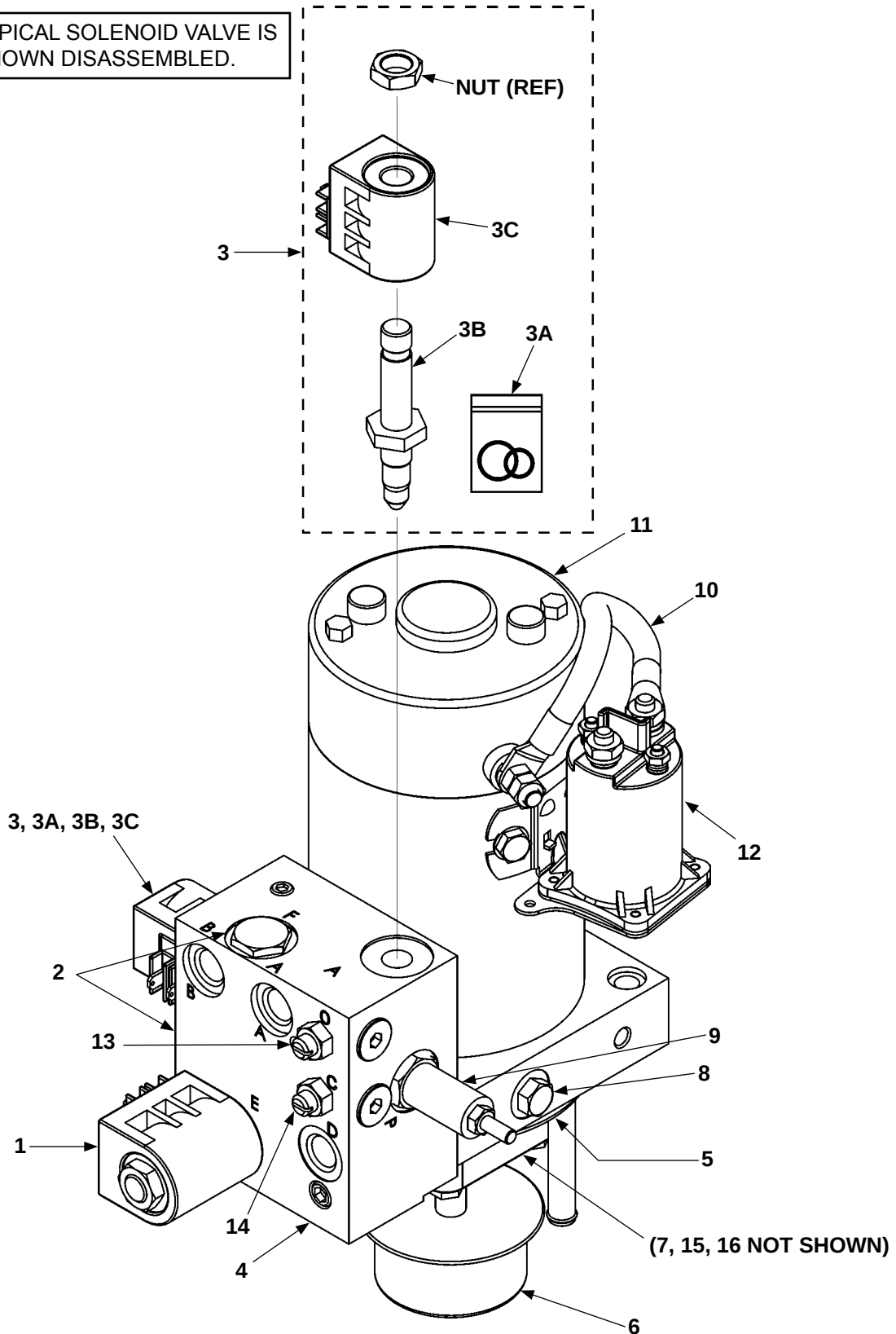
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ITEM	QTY.	PART NO.	DESCRIPTION
16	1	202402	AIR FITTING
17	1	268835-01	SPIN-ON OIL FILTER (HEAD & CARTRIDGE)
17A	1	262412	FILTER (SPIN-ON CARTRIDGE)
18	2	263951	CAP SCREW, 3/8"-16 X 1-3/4" LG.
19	2	263952	LOCK WASHER, 3/8" ZINC
20	2	908025-01	O-RING
21	1	283099-02	HP HOSE, 3/8" X 9-3/4" LG, JIC#6 F-F
22	1	906837-01	ELBOW, 90°, 3/8"-M & JIC-3/8 NPT
23	2	902013-09	FLAT WASHER, 1/4" ZINC
24	2	902011-2	LOCK WASHER, 1/4" X 1/16" THK.
25	2	900004-1	CAP SCREW, 1/4"-20 X 1/2" LG, GR8 ZINC
26	3	905152	ELBOW, 90°, SAE #6 X JIC 37° #6
27	1	263967	HP HOSE, 3/8" X 16-1/8" LG, JIC#6 F-F

12VDC POWER UNIT (GRAVITY DOWN)

NOTE: TYPICAL SOLENOID VALVE IS SHOWN DISASSEMBLED.

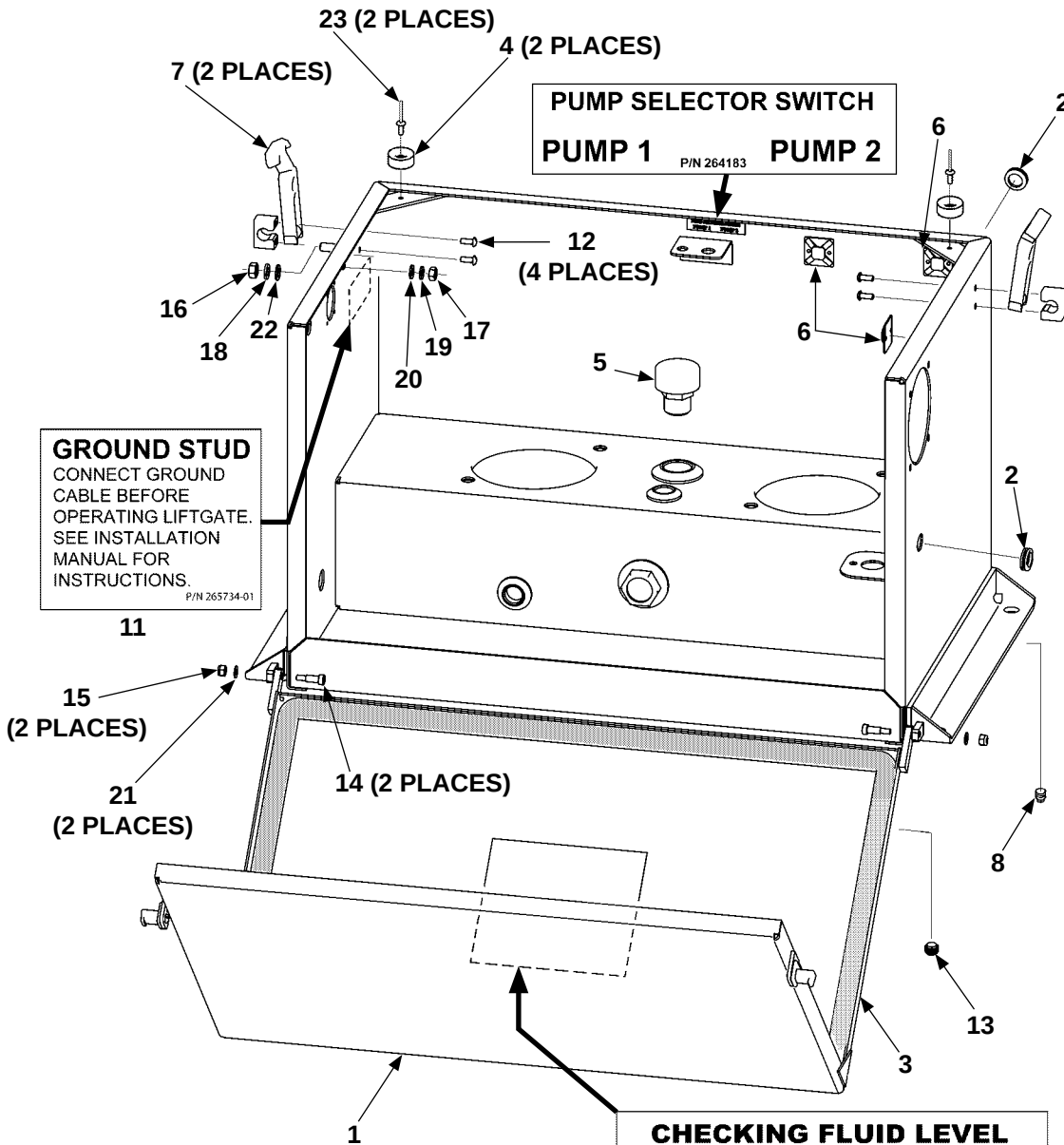


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ITEM	QTY.	PART NO.	DESCRIPTION
REF	-	283071-01	PUMP/MOTOR, GRAVITY DOWN
1	1	290019	VALVE, 2 POSITION, 3-WAY
2	2	290033	CHECK VALVE
3	2	290043	VALVE, 2 POSITION, 2-WAY
3A	1	226594	O-RING KIT, 2-WAY VALVE
3B	1	290044	VALVE CARTRIDGE ONLY
3C	1	290045	COIL ONLY
4	1	290029	MANIFOLD BLOCK ASSEMBLY (GRAVITY DOWN)
5	1	251884	O-RING
6	1	283102-01	FILTER, PUMP INLET
7	1	260261	OIL SEAL (SHAFT SEAL, NOT SHOWN)
8	1	260229	RELIEF VALVE (2750 PSI)
9	1	290035	RELIEF VALVE (2400 PSI)
10	1	280404	CABLE ASSY
11	1	268337-01	MOTOR, 12 VDC HD
12	1	268030-01	SWITCH, SOLENOID
13	1	290031	NEEDLE VALVE OPENING ADJUSTMENT
14	1	290032	NEEDLE VALVE CLOSING ADJUSTMENT
15	1	283101-01	PUMP ASSEMBLY (NOT SHOWN)
16	1	290020	O-RING (NOT SHOWN)

BOX ASSEMBLY FOR DUAL PUMPS



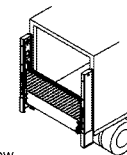
CHECKING FLUID LEVEL

1. Check oil level with platform up and stowed.

2. Open pump box cover to view sight glass. If fluid is below center of sight glass, add correct grade of hydraulic fluid to bring level to center of sight glass.



SIGHT GLASS



PUMP BOX

HYDRAULIC FLUID GRADES



Use ISO-32



Use ISO-15 or MIL-H-5606

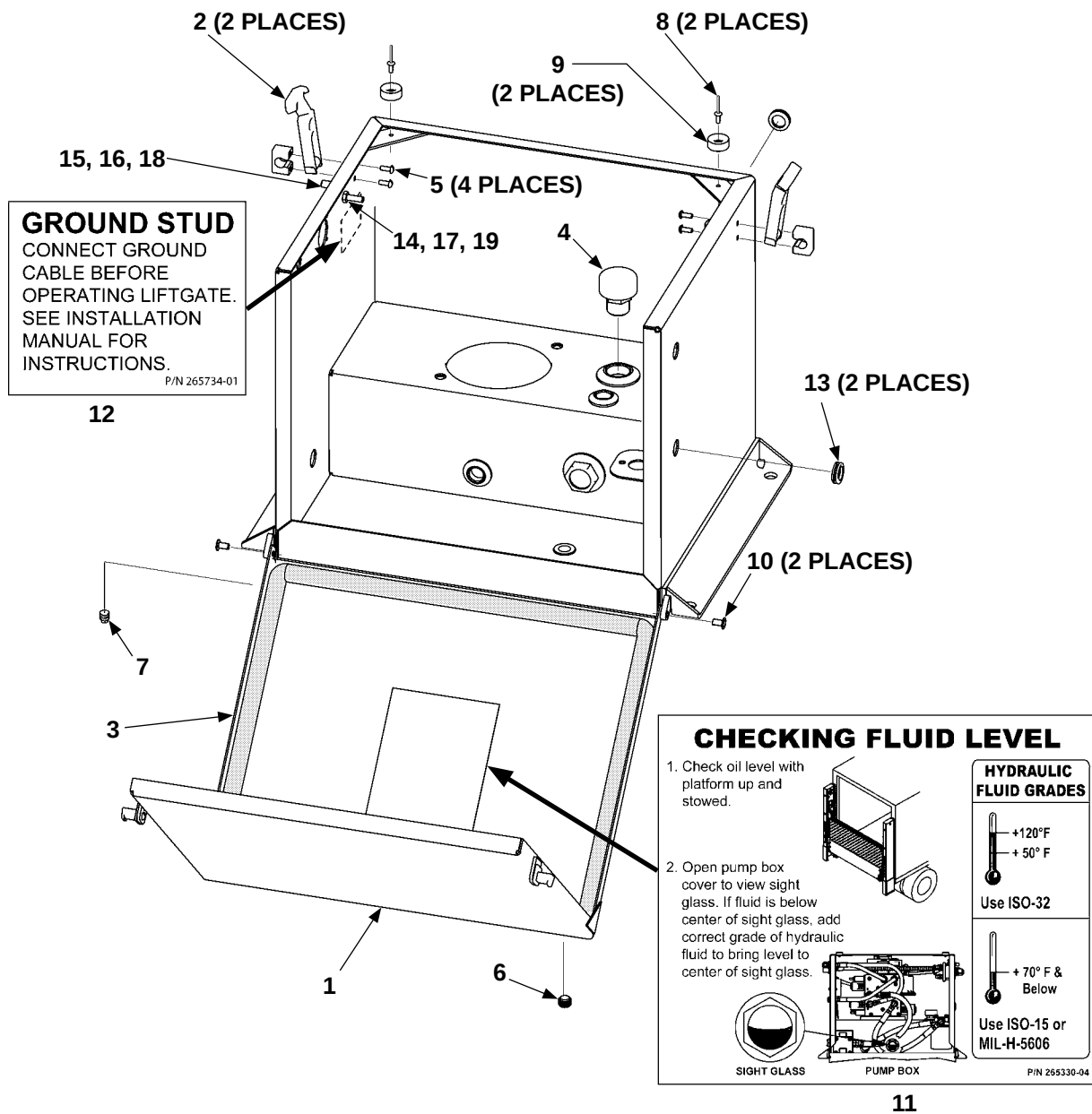
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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	283090-01	BOX ASSEMBLY, DUAL PUMP (BMRA)
1	1	268205-01	COVER WELDMENT
2	2	261416	GROMMET, 3/4"
3	1	261544-05	RUBBER SEAL, 106"
4	2	262940	BUMPER, 15/16" X 3/16" X 3/8"
5	1	263369	FILLER
6	3	263527	CABLE TIE MOUNTING BASE
7	2	263791	LATCH
8	1	264271	PLUG, 1/4" (MAGNETIZED)
9	1	264183	DECAL, PUMP SELECTOR SWITCH
10	1	265330-04	DECAL, HYDRAULIC FLUID LEVEL (BMR)
11	1	265734	DECAL, GROUND STUD
12	6	030029	BOLT, 10"-24 X 1/2"
13	1	030937	HEX PLUG, 1/4"
14	2	900060-3	SHOULDER SCREW, 1/4" X 1/2" LG.
15	2	901003	NYLON NUT, 10"-24
16	1	901011-3	HEX HEAD NUT, 5/16"-18 UNC-2B
17	1	901011-1	HEX HEAD NUT, 1/4"-20 UNC-2B
18	1	902011-3	LOCK WASHER, 5/16" X 5/64" GR8 ZINC
19	1	902011-2	LOCK WASHER, 1/4" X 1/16" THK
20	1	902000-1	FLAT WASHER, 1/4 "X 1/16" USS ZINC
21	2	902000-5	FLAT WASHER, #10 1/32" THK
22	1	902000-8	FLAT WASHER, 5/16" X 1/16" THK
23	2	904004-3	BLIND RIVET, 3/16" X 9/16"

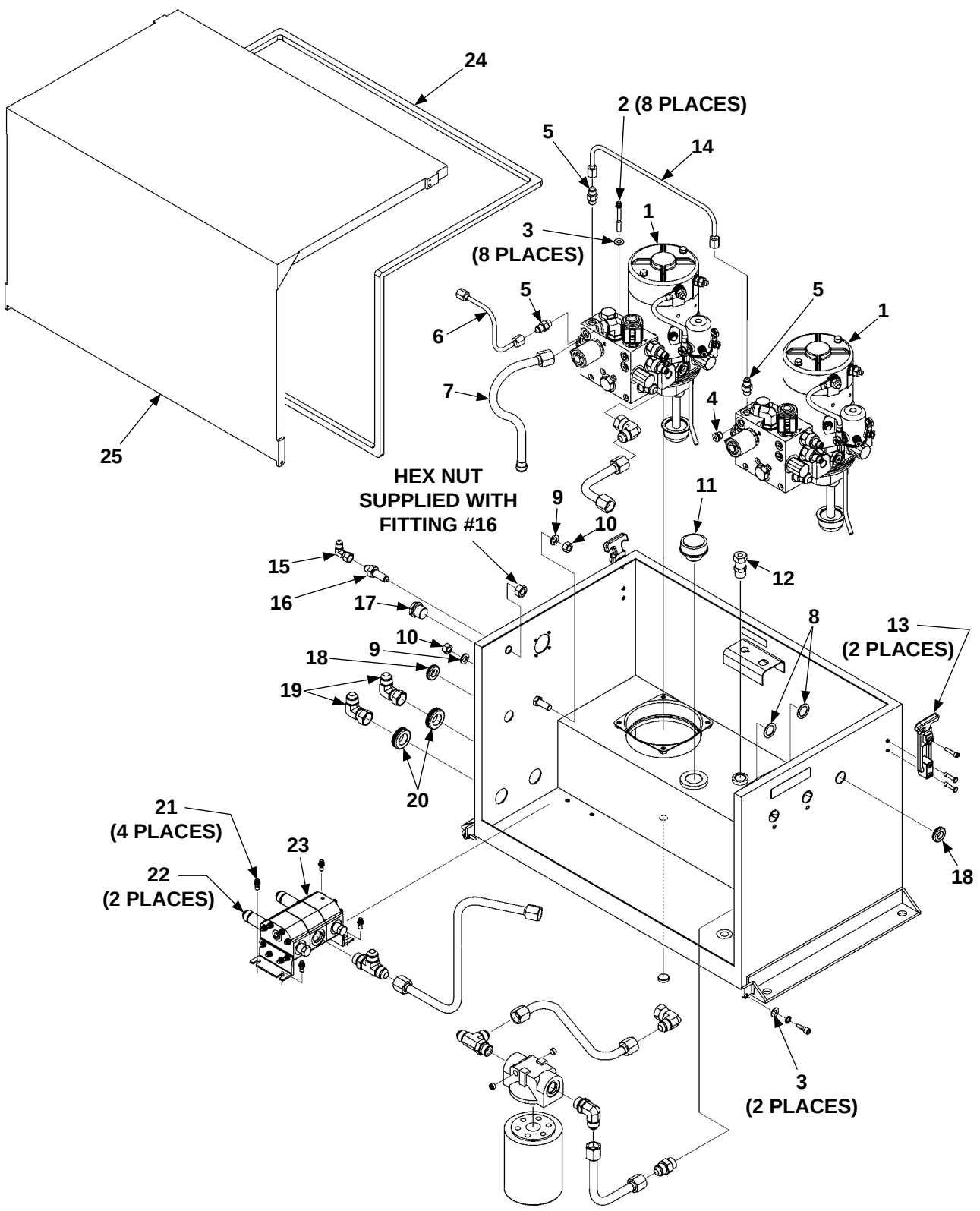
BOX ASSEMBLY FOR SINGLE PUMP



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	283095-01	BOX ASSEMBLY, SINGLE PUMP (BMRA)
1	1	280228	COVER WELDMENT
2	2	263791	LATCH
3	1	261544-01	RUBBER SEAL, 100" LG.
4	1	263369	FILLER
5	6	030029	BOLT, 10"-24 X 1/2"
6	1	030937	HEX PLUG, 1/4"
7	1	264271	PLUG, 1/4" (MAGNETIZED)
8	2	904004-3	BLIND RIVET, 3/16" X 9/16"
9	2	262940	BUMPER, 15/16" X 3/16" X 3/8"
10	2	905213	SEMI-TUBULAR RIVET
11	1	265330-04	DECAL, HYDRAULIC FLUID LEVEL (BMR)
12	1	265734-01	DECAL, GROUND STUD
13	2	261416	GROMMET, 3/4"
14	1	901011-1	HEX HEAD NUT, 1/4"-20 UNC-2B
15	1	901011-3	HEX HEAD NUT, 5/16"-18 UNC-2B
16	1	902011-3	LOCK WASHER, 5/16" X 5/64" GR8 ZINC
17	1	902011-2	LOCK WASHER, 1/4" X 1/16" THK
18	1	902000-8	FLAT WASHER, 5/16" X 1/16" THK
19	1	902000-1	FLAT WASHER, 1/4 "X 1/16" USS ZINC

DUAL PUMP ASSEMBLY (EQUIPPED WITH STEEL LINES)

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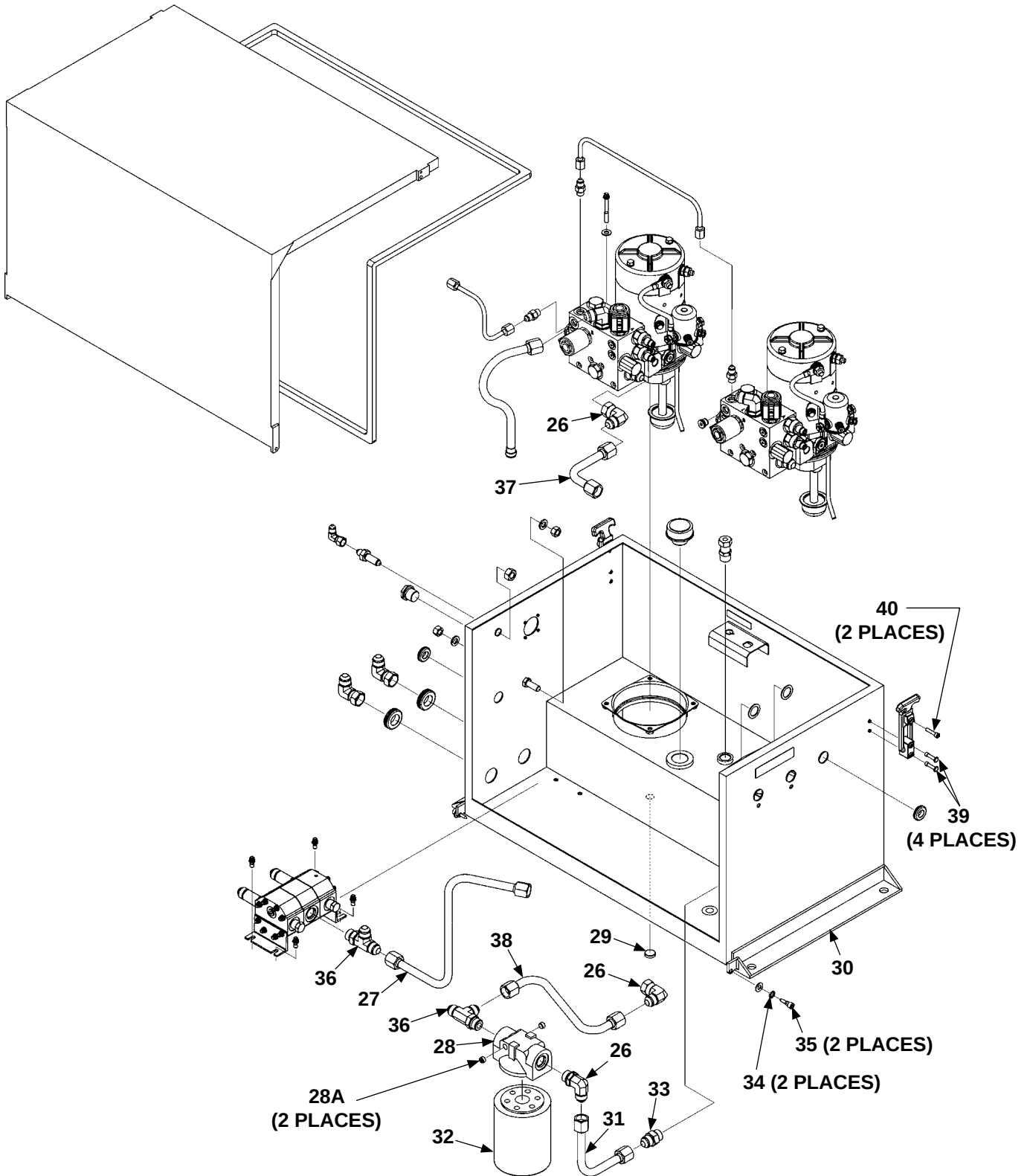


ITEM	QTY.	PART NO.	DESCRIPTION
1	2	281800-01	HE2000 POWER UNIT ASSEMBLY (HALDEX)
2	8	REF	SCREW, 1/4"-20 X 2" LG.
3	10	REF	WASHER, 9/32" X 5/8" X 1/16"
4	1	REF	STEEL PLUG, 7/16"-20
5	3	281808-01	FITTING, #4 STRAIGHT (HALDEX)
6	1	281787-01	TUBE ASSEMBLY, MANF1-CL LINE (HALDEX)
7	1	281788-01	TUBE ASSEMBLY, MANF1-FL DIV (HALDEX)
8	2	282025-01	GASKET, BATTERY SWITCH
9	2	REF	LOCK WASHER, 3/8" X 11/16" X 3/32"
10	2	REF	HEX NUT, 3/8"-24
11	1	281802-01	BREATHER (HALDEX)
12	1	281816-01	FITTING, AIR BRAKE TUBE (HALDEX)
13	2	281801-01	DRAW LATCH (HALDEX)
14	1	281853-01	TUBE ASSY, PMP1-PMP2 C/LINE (HALDEX)
15	1	281809-01	FITTING, #4 ELBOW SWIVEL (HALDEX)
16	1	281811-01	FITTING, #4 BULKHEAD (HALDEX)
17	1	281803-01	SIGHT GLASS (HALDEX)
18	2	281804-01	GROMMET, 1/2" X 1" X 1/4" (HALDEX)
19	2	281812-01	FITTING, #8 ELBOW SWIVEL (HALDEX)
20	2	281798-01	GROMMET, 3/4" X 1-3/8" X 3/8" (HALDEX)
21	4	REF	SCREW, 1/4"-20 X 1/2" LG.
22	2	281807-01	FITTING, #8 STR EXTENDED (HALDEX)
23	1	281794-01	FLOW DIVIDER ASSEMBLY (HALDEX)
24	1	281819-01	DOOR SEAL, DUAL PUMP (HALDEX)
25	1	281821-01	BOX COVER, DUAL PUMP (HALDEX)

DUAL PUMP ASSEMBLY (EQUIPPED WITH STEEL LINES) - Continued

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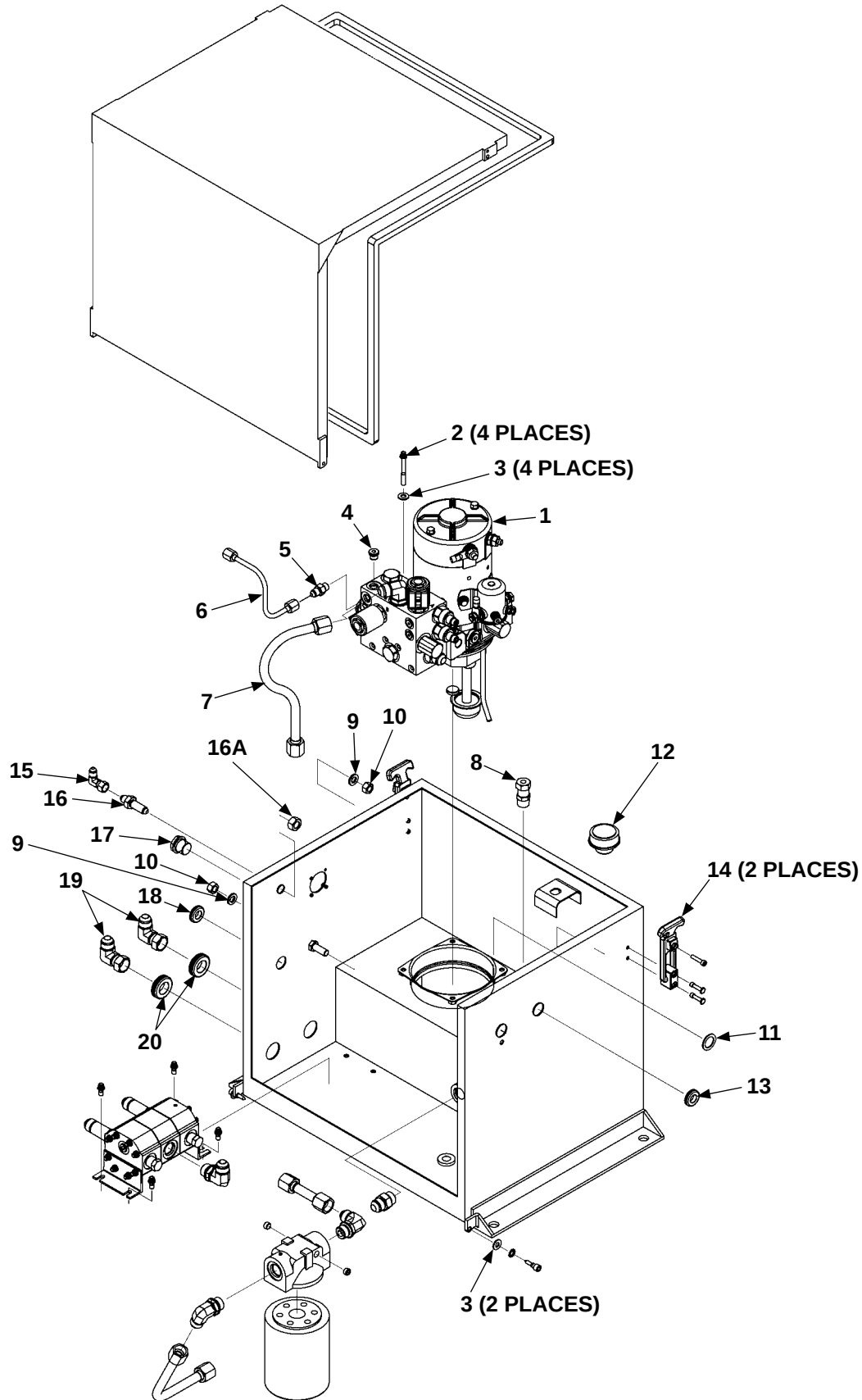


ITEM	QTY.	PART NO.	DESCRIPTION
26	3	281813-01	FITTING, #8 ELBOW (HALDEX)
27	1	281854-01	TUBE ASSEMBLY, PMP2-FL DIV (HALDEX)
28	1	281792-01	FILTER HEAD (HALDEX)
28A	2	REF	STEEL PLUG
29	1	REF	MAGNET
30	1	281820-01	RESERVOIR/BOX, DUAL PUMP (HALDEX)
31	1	281795-01	TUBE ASSEMBLY, FILTER-RESERVOIR (HALDEX)
32	1	281793-01	FILTER (HALDEX)
33	1	281814-01	FITTING, #8 STRAIGHT (HALDEX)
34	2	REF	LOCK WASHER, 13/32" X 11/16" X 1/32"
35	2	281799-01	HINGE PIN (HALDEX)
36	2	281848-01	FITTING, #8 RUN-TEE, (HALDEX)
37	1	281851-01	TUBE ASSEMBLY, PMP1-FLTR D/PMP, (HALDEX)
38	1	281852-01	TUBE ASSEMBLY, PMP2-FLTR, (HALDEX)
39	4	REF	3/16" DIA. X 1.2 LG. POP RIVET
40	2	REF	SCREW, #10-32 X 7/8" LG.

SINGLE PUMP ASSEMBLY (EQUIPPED WITH STEEL LINES)

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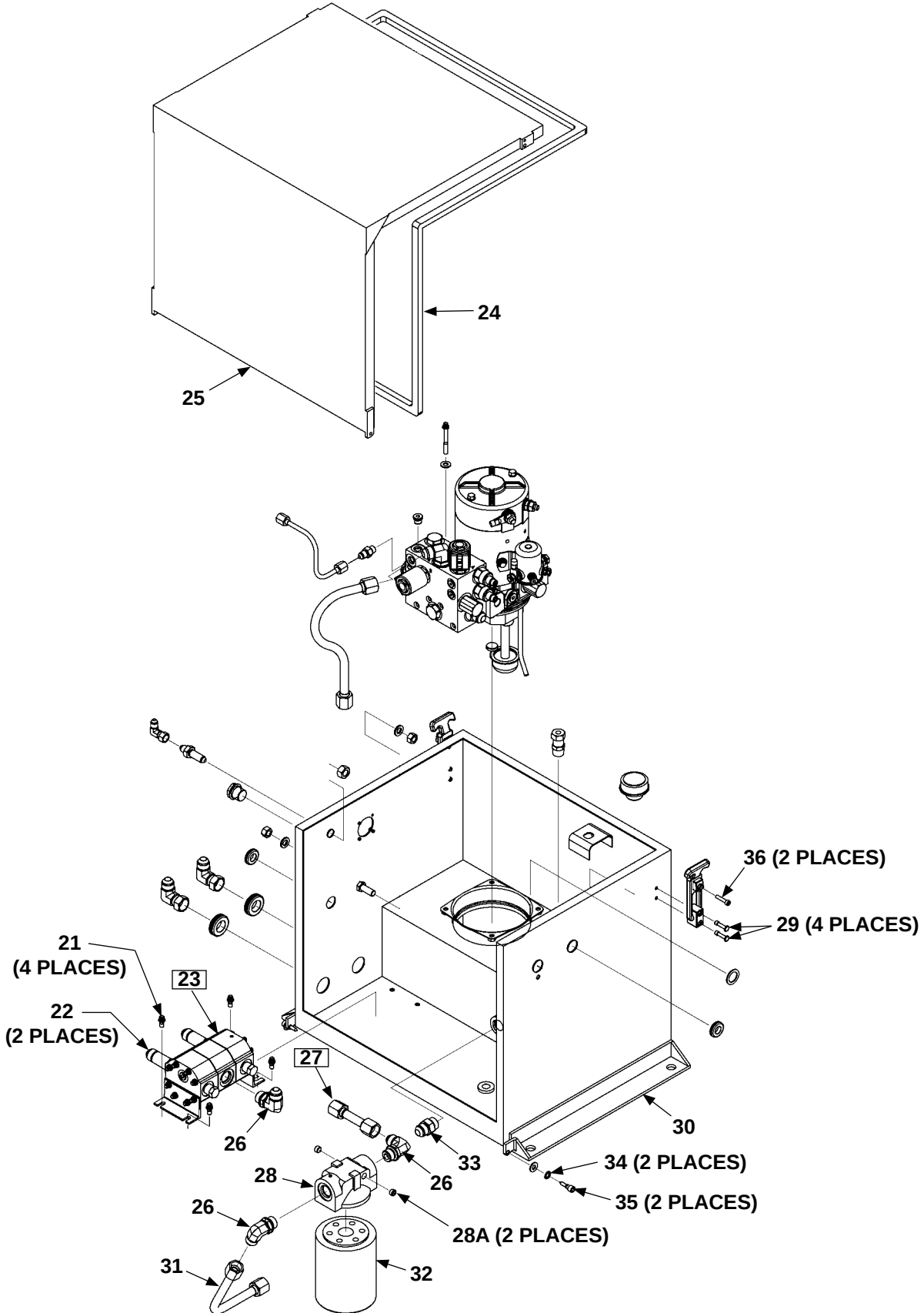


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	281800-01	HE2000 POWER UNIT ASSEMBLY (HALDEX)
2	4	REF	SCREW, 1/4"-20 X 2" LG.
3	6	REF	WASHER, 9/32" X 5/8" X 1/16"
4	1	REF	STEEL PLUG, 7/16"-20
5	1	281808-01	FITTING, #4 STRAIGHT (HALDEX)
6	1	281787-01	TUBE ASSEMBLY, MANF1-CL LINE (HALDEX)
7	1	281788-01	TUBE ASSEMBLY, MANF1-FL DIV (HALDEX)
8	1	281816-01	FITTING, AIR BRAKE TUBE (HALDEX)
9	2	REF	LOCK WASHER, 3/8" X 11/16" X 3/32"
10	2	REF	HEX NUT, 3/8"-24
11	1	REF	GASKET
12	1	281802-01	BREATHER (HALDEX)
13	1	281806-01	GROMMET, 3/8" X 7/8" X 5/16" (HALDEX)
14	2	281801-01	DRAW LATCH (HALDEX)
15	1	281809-01	FITTING, #4 ELBOW SWIVEL (HALDEX)
16	1	281811-01	FITTING, #4 BULKHEAD (HALDEX)
16A	1	REF	HEX NUT
17	1	281803-01	SIGHT GLASS (HALDEX)
18	1	281804-01	GROMMET, 1/2" X 1" X 1/4" (HALDEX)
19	2	281812-01	FITTING, #8 ELBOW SWIVEL (HALDEX)
20	2	281798-01	GROMMET, 3/4" X 1-3/8" X 3/8" (HALDEX)

SINGLE PUMP ASSEMBLY (EQUIPPED WITH STEEL LINES) - Continued

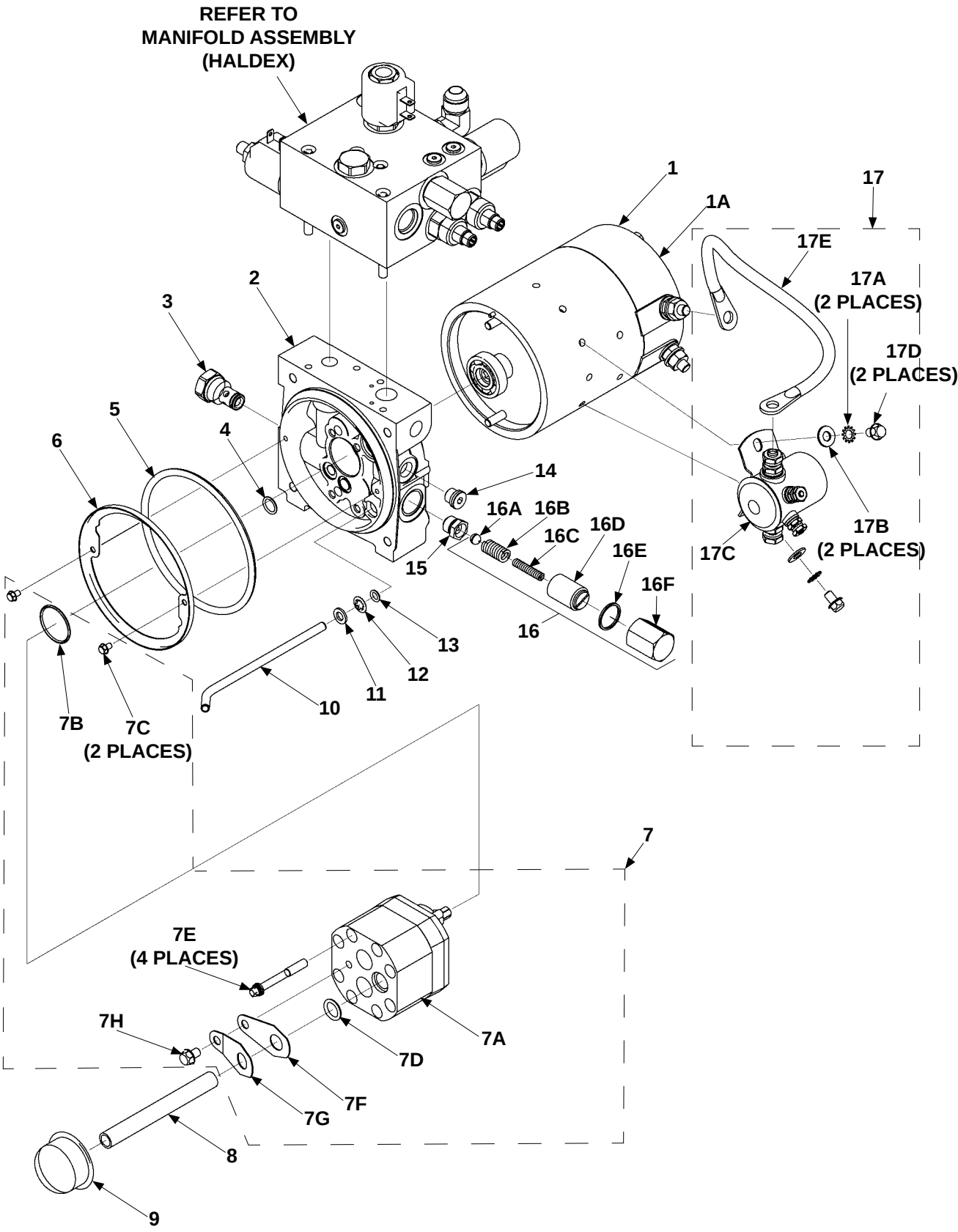
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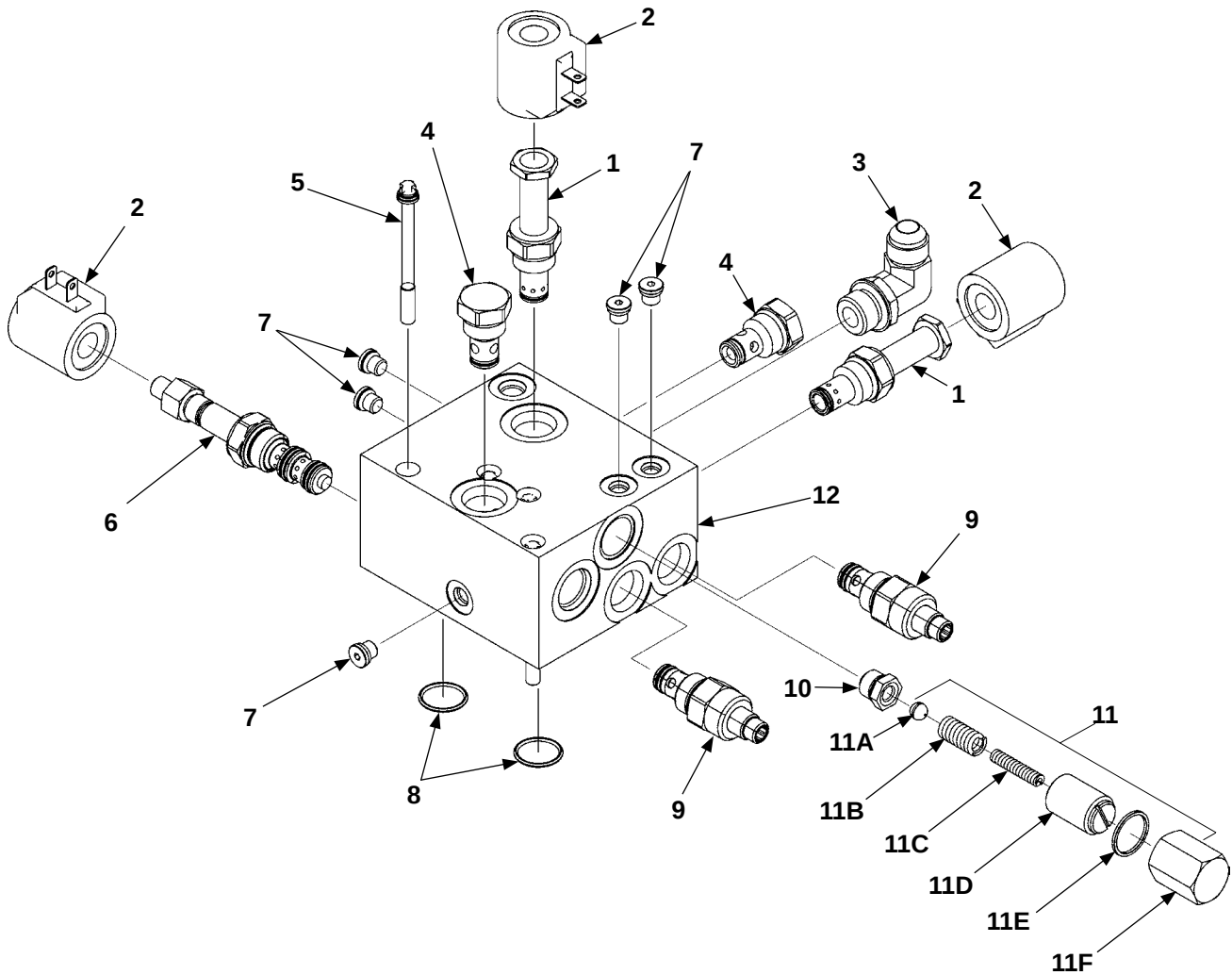
ITEM	QTY.	PART NO.	DESCRIPTION
21	4	REF	SCREW, 1/4"-20 X 1/2" LG.
22	2	281807-01	FITTING, #8 STR. EXTENDED (HALDEX)
23	1	281794-01	FLOW DIVIDER ASSY (HALDEX)
24	1	281797-01	DOOR SEAL, SINGLE PUMP (HALDEX)
25	1	281789-01	BOX COVER, SINGLE PUMP (HALDEX)
26	3	281813-01	FITTING, #8 ELBOW (HALDEX)
27	1	281791-01	TUBE ASSY, PUMP 1 FILTER (HALDEX)
28	1	281792-01	FILTER HEAD (HALDEX)
28A	2	REF	STEEL PLUG
29	4	REF	POP RIVET, 1/8" X 1-1/4" LG.
30	1	281790-01	RESERVOIR, SINGLE PUMP (HALDEX)
31	1	281795-01	TUBE ASSEMBLY, FILTER-RESERVOIR (HALDEX)
32	1	281793-01	FILTER (HALDEX)
33	2	281814-01	FITTING, #8 STRAIGHT (HALDEX)
34	2	REF	LOCK WASHER, 13/32" X 11/16" X 1/32"
35	2	281799-01	HINGE PIN (HALDEX)
36	2	REF	SCREW, #10-32 X 7/8" LG.

PUMP/MOTOR (PUMPS EQUIPPED WITH STEEL LINES)



ITEM	QTY.	PART NO.	DESCRIPTION
1	1	281810-01	DC MOTOR (HALDEX)
1A	1	281855-01	KIT BRUSH SERVICE (HALDEX)
2	1	REF	ADAPTOR
3	1	281826-01	CHECK VALVE (HALDEX)
4	1	281831-01	O-RING, 7/16" X 9/16" X 1/16" (HALDEX)
5	1	281832-01	O-RING, 4-3/8" X 4-7/8" X 3/16" (HALDEX)
6	1	REF	RETAINING RING
7	1	REF	GC PUMP ASSEMBLY
7A	1	281835-01	SERVICE PUMP (HALDEX)
7B	1	281833-01	O-RING, 1-1/8" X 1-1/4" X 1/16" (HALDEX)
7C	2	REF	SCREW, #8-32 X 1/4" LG.
7D	1	281834-01	O-RING, 1/2" X 11/16" X 3/32" (HALDEX)
7E	4	281846-01	SCREW, 1/4"-20 X 2" LG. (HALDEX)
7F	1	REF	RETAINING CLIP
7G	1	REF	SPRING CLIP
7H	1	REF	SCREW, 1/4"-20 X 3/8" LG.
8	4.5 IN	281836-01	INLET TUBE, 1/2" O.D. (HALDEX)
9	1	281837-01	STRAINER (HALDEX)
10	1	281838-01	RETURN TUBE, 1/4" O.D. (HALDEX)
11	1	REF	SPACER, 9/32" X 1/2" X 1/16"
12	1	REF	RETAINING RING
13	1	281839-01	O-RING, 1/4" X 3/8" X 1/16" (HALDEX)
14	1	REF	STEEL PLUG, 7/16"-20 SAE
15	1	REF	SEAT ASSEMBLY
16	1	281830-01	RELIEF VALVE KIT (HALDEX)
16A	1	REF	BALL, 5/16" DIA.
16B	1	REF	PRIMARY SPRING (HALDEX)
16C	1	REF	BOOSTER SPRING (HALDEX)
16D	1	REF	ADJUSTMENT SCREW
16E	1	REF	GASKET
16F	1	REF	HEX CAP
17	1	281843-01	START SWITCH KIT (HALDEX)
17A	2	REF	LOCK WASHER, 13/32" X 11/16" X 1/32"
17B	2	281847-01	FLAT WASHER, 11/32" X 5/8" X 1/16" (HALDEX)
17C	1	REF	START SWITCH
17D	2	REF	SCREW, 1/4"-20 X 3/8" LG.
17E	1	REF	LEAD WIRE, #4 AWG

MANIFOLD ASSEMBLY (PUMPS WITH STEEL LINES, ONLY)

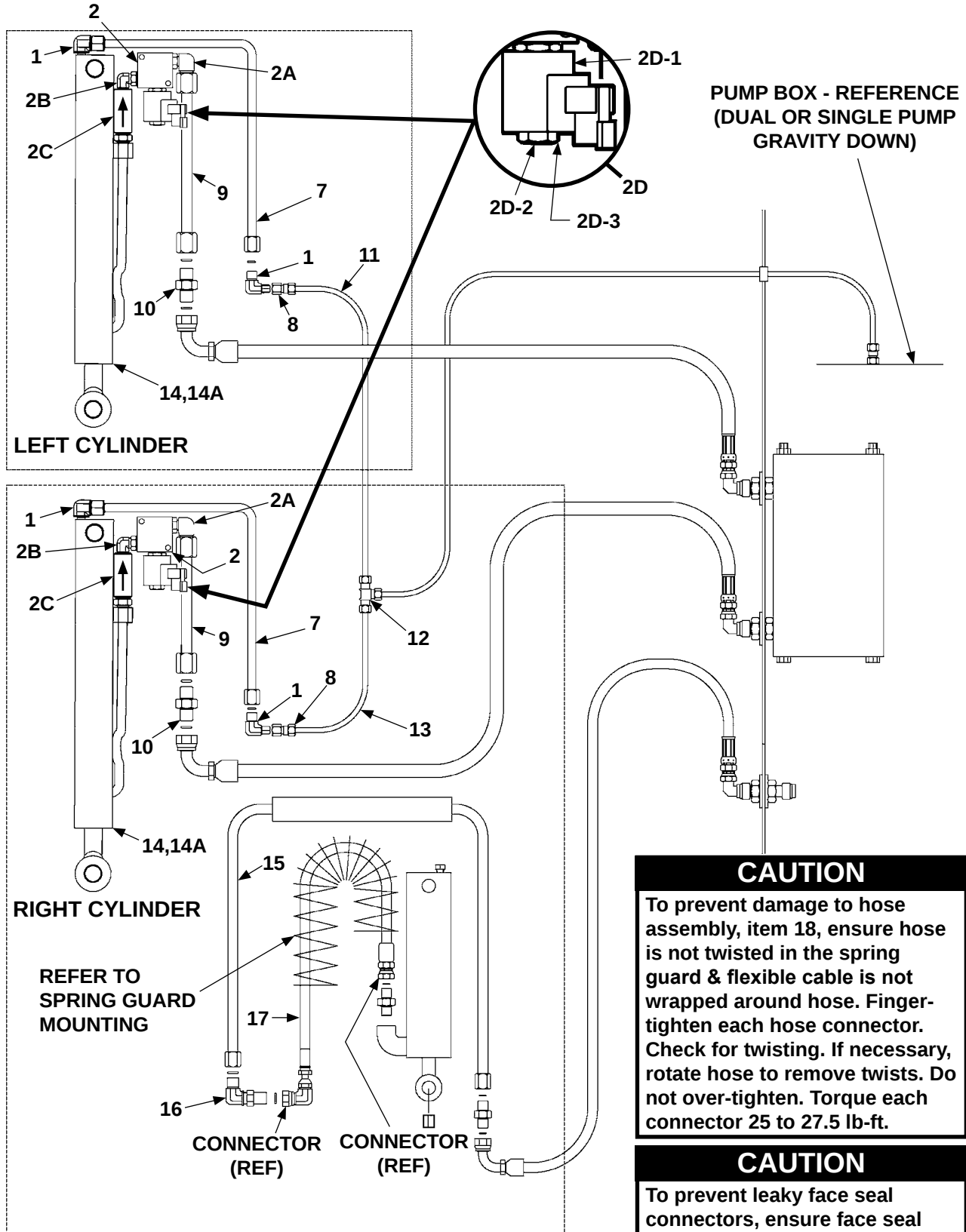


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ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	281805-01	MANIFOLD ASSEMBLY (HALDEX)
1	2	281823-01	2 POSITION / 2 WAY VALVE (HALDEX)
2	3	281824-01	SOLENOID COIL, 10V (HALDEX)
3	1	281813-01	FITTING, #8 ELBOW (HALDEX)
4	2	281826-01	CHECK VALVE (HALDEX)
5	4	REF	SCREW, 1/4"-20 X 2-3/4" LG.
6	1	281827-01	2 POSITION / 3 WAY VALVE
7	5	REF	STEEL PLUG, 5/16"-24 SAE
8	2	281828-01	O-RING, 3/4" X 7/8" X 1/16" (HALDEX)
9	2	281829-01	NEEDLE VALVE (HALDEX)
10	1	REF	SEAT ASSEMBLY
11	1	281830-01	RELIEF VALVE KIT (HALDEX)
11A	1	REF	BALL
11B	1	REF	SPRING, MAIN
11C	1	REF	SPRING, BOOSTER
11D	1	REF	ADJUSTMENT SCREW
11E	1	REF	GASKET
11F	1	REF	HEX CAP
12	1	REF	MANIFOLD BLOCK

HYDRAULIC COMPONENTS (GRAVITY DOWN)



CAUTION

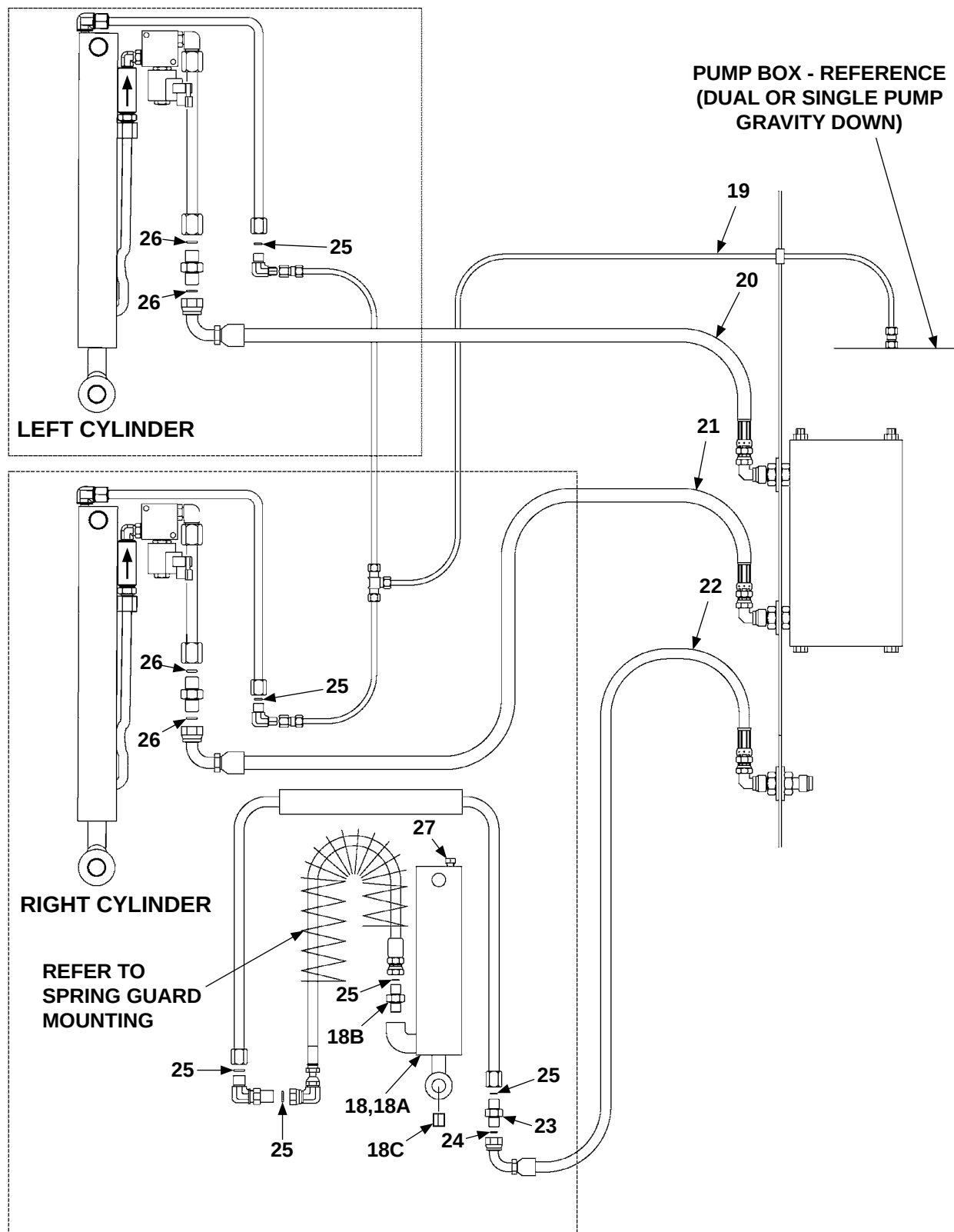
To prevent damage to hose assembly, item 18, ensure hose is not twisted in the spring guard & flexible cable is not wrapped around hose. Finger-tighten each hose connector. Check for twisting. If necessary, rotate hose to remove twists. Do not over-tighten. Torque each connector 25 to 27.5 lb-ft.

CAUTION

To prevent leaky face seal connectors, ensure face seal o-rings are in place before connecting hoses and fittings.

ITEM	QTY.	PART NO.	DESCRIPTION
1	4	905157	ELBOW, 3/8" X 1/4" M-M
2	2	264307	HYDRAULIC LOCK & VALVE
2A	2	905158	ELBOW STRAIGHT, #8 X #6 M-M
2B	2	260164	ELBOW, 90° STRAIGHT, #6 X 1/4" M-M
2C	2	269132-01	VALVE ASSY, PRESSURE COMPENSATED, 3GPM
2D	2	282999-01	HYDRAULIC LOCK VALVE ASSY
2D-1	1	906841-01	COIL, 12 VDC
2D-2	1	906840-01	VALVE CARTRIDGE (2W2P)
2D-3	1	906840-02	NUT, CARTRIDGE VALVE
3	-	-	(INTENTIONALLY BLANK)
4	-	-	(INTENTIONALLY BLANK)
5	-	-	(INTENTIONALLY BLANK)
6	-	-	(INTENTIONALLY BLANK)
7	2	280629-01	RETURN TUBE ASSEMBLY
8	2	905156	AIR BRAKE CONNECTOR
9	2	280628-01	LIFTING TUBE ASSEMBLY
10	2	905161	UNION, #8 M-M
11	1	099996-05	TUBING, 108" LG.
12	1	905155	TEE, 3/8"
13	1	099996-06	TUBING, 24" LG.
14	2	280663-01	CYLINDER, 1-3/4" DIA. X 53-1/8" STROKE (BMRA-35/-44)
		280663-02	CYLINDER, 2" DIA. X 53-1/8" STROKE (BMRA-55/-66)
14A	1	280524	SEAL KIT, CYL. (BMRA-35/-44)
		280523	SEAL KIT, CYL. (BMRA-55/-66)
15	1	280630-01	"U" TUBE ASSEMBLY, 98" X 11"
16	1	905162	ELBOW, BULKHEAD UNION, #6 M-M
17	1	264109	HP HOSE, 1/4" X 46" LG, #4 & #6 FS F-F (SEE CAUTION.)

HYDRAULIC COMPONENTS (GRAVITY DOWN) - Continued



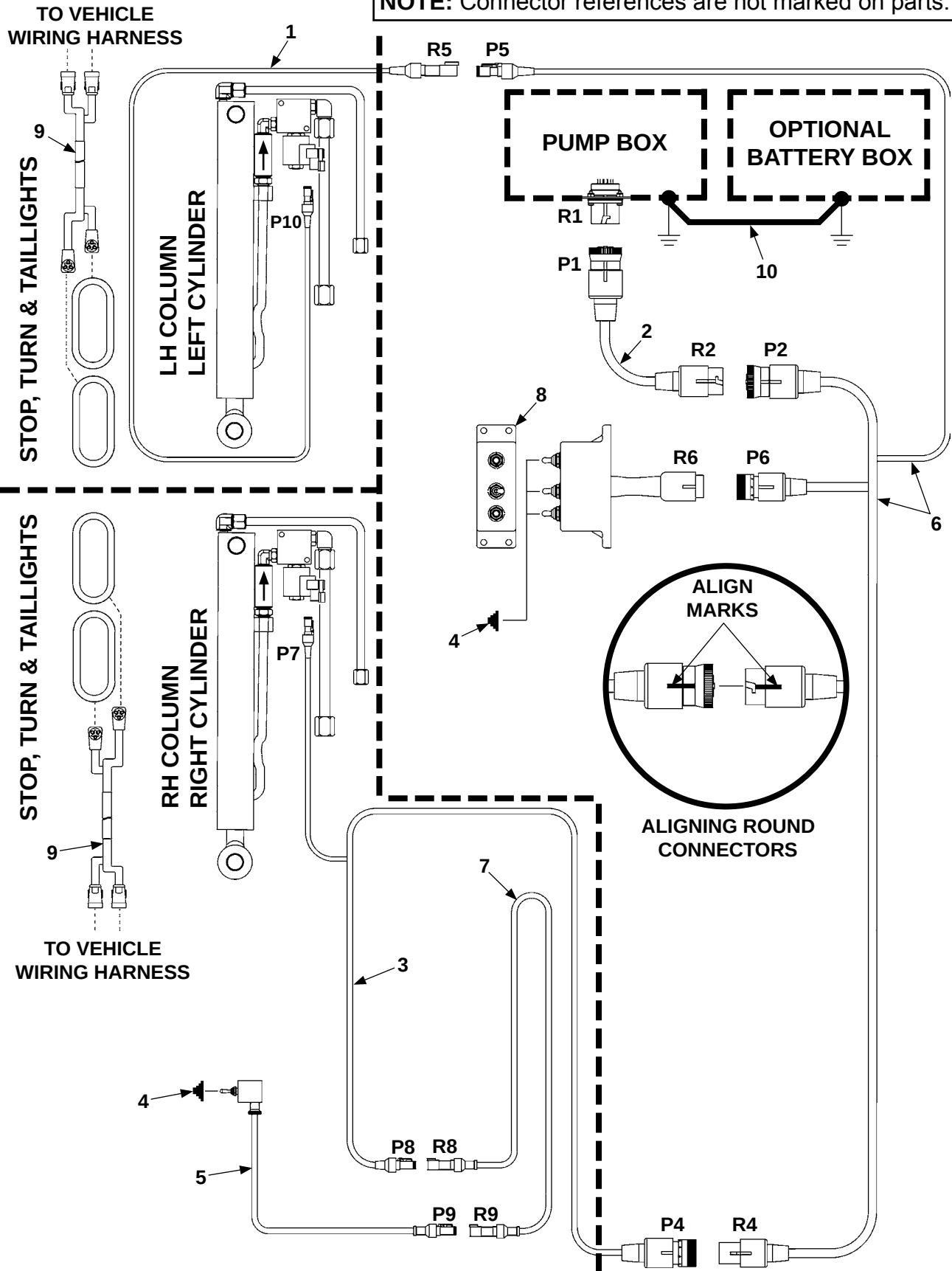
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ITEM	QTY.	PART NO.	DESCRIPTION
18	1	264103	CLOSING CYLINDER
18A	1	290060	SEAL KIT, CYLINDER
18B	1	905179	CONNECTOR, #4 X #6 M-M
18C	1	253657	BEARING, SELF LUBE
19	1	099996-02	TUBING, 84" LG.
		099996-03	TUBING, 192" LG.
		099996-08	TUBING, 324" LG.
20	1	280223-02	HP HOSE, 3/8" X 166" LG, #8 FS
		280223-04	HP HOSE, 3/8" X 274" LG, #8 FS
		280223-06	HP HOSE, 3/8" X 394" LG, #8 FS
21	1	280223-01	HP HOSE, 3/8" X 64" LG, #8 FS
		280223-03	HP HOSE, 3/8" X 196" LG, #8 FS
		280223-05	HP HOSE, 3/8" X 316" LG, #8 FS
22	1	280232-01	HP HOSE, 3/8" X 56" LG, #8 FS
		280232-02	HP HOSE, 3/8" X 188" LG, #8 FS
		280232-03	HP HOSE, 3/8" X 308" LG, #8 FS
23	1	905180	UNION, FACE SEAL, #6-#4, 1/4"M-3/8"M
24	1	906712-01	O-RING, #4 (1/4" FACE SEAL TUBE-END)
25	6	906712-02	O-RING, #6 (3/8" FACE SEAL TUBE-END)
26	4	906712-03	O-RING, #8 (1/2" FACE SEAL TUBE-END)
27	1	040494	BREATHER

ELECTRICAL COMPONENTS SECTION

NOTE: Connector references are not marked on parts.



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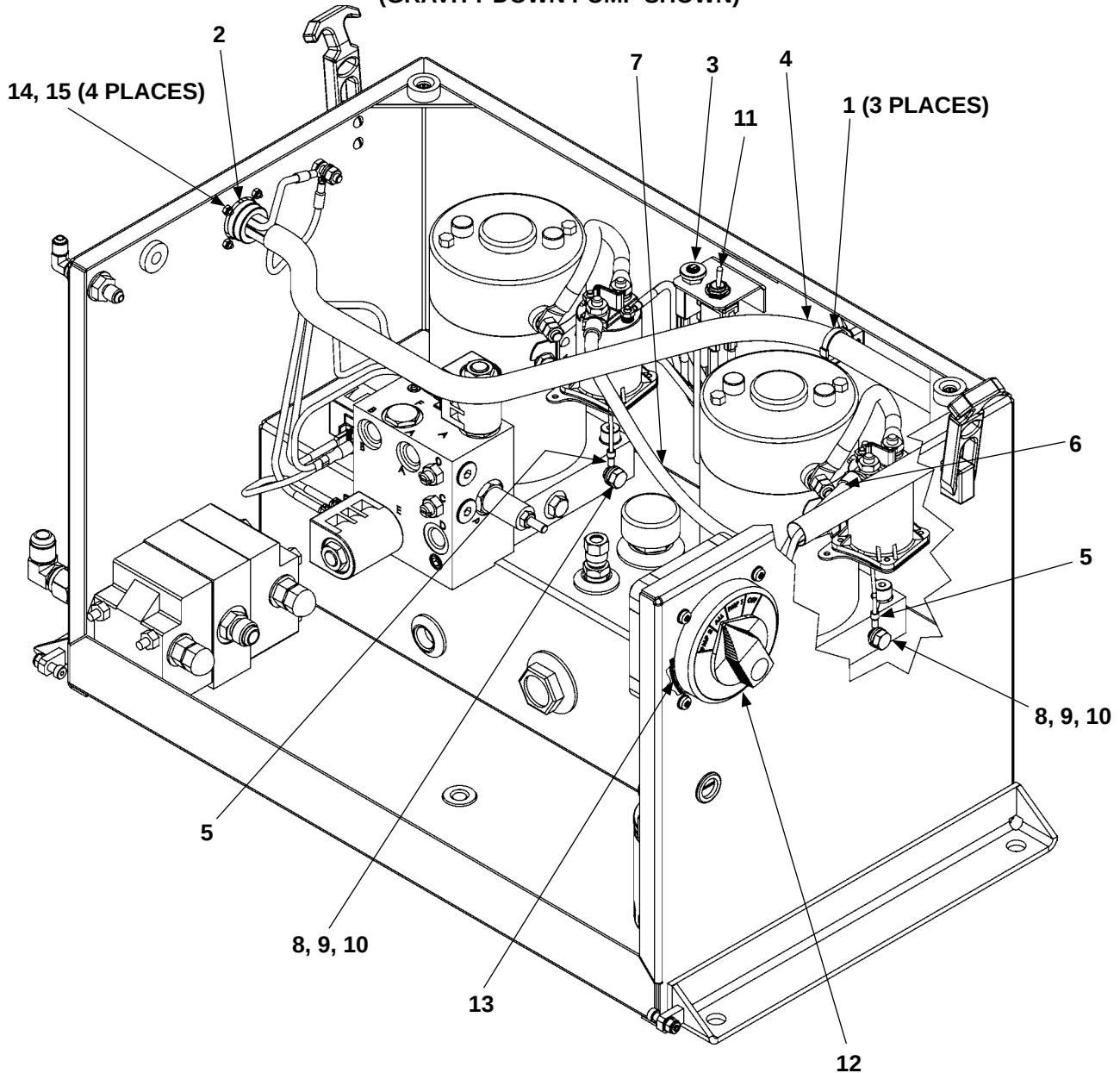
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NOTE: MAXON recommends using dielectric grease on all electrical connections.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	268146-01	MOLDED CABLE (LH COLUMN)
2	1	268143-04	MOLDED EXTENSION CABLE, PUMP BOX, 267" LG.
		268143-03	MOLDED EXTENSION CABLE, PUMP BOX, 147" LG.
		268143-02	MOLDED EXTENSION CABLE, PUMP BOX, 63" LG.
3	1	268140-01	MOLDED HARNESS (RH COLUMN)
4	4	905206	SWITCH SEAL BOOT, HALF-TOGGLE
5	1	268142-01	MOLDED SWITCH & CABLE, BMRA
6	1	280285	INTERCONNECT HARNESS, BMR-A GRAVITY DOWN
		280286	INTERCONNECT HARNESS, BMR-A POWER DOWN
7	1	280693-01	CABLE ASSEMBLY FLEXIBLE
8	1	280253	CONTROL BOX BMR-A POWER DOWN
		280252	CONTROL BOX BMR-A GRAVITY DOWN
9	2	280625-01	HARNESS ASSEMBLY, STOP, TURN & TAILLIGHTS (FOR COLUMNS EQUIPPED WITH LIGHTS, ONLY)
10	1	268226-06	CABLE, 2 GA, 74" LG. (ELECTRICAL GROUND)

ELECTRICAL COMPONENTS - DUAL PUMP BOX

BOX ASSEMBLY FOR DUAL PUMPS
(GRAVITY DOWN PUMP SHOWN)



NOTE: MAXON recommends using dielectric grease on all electrical connections.

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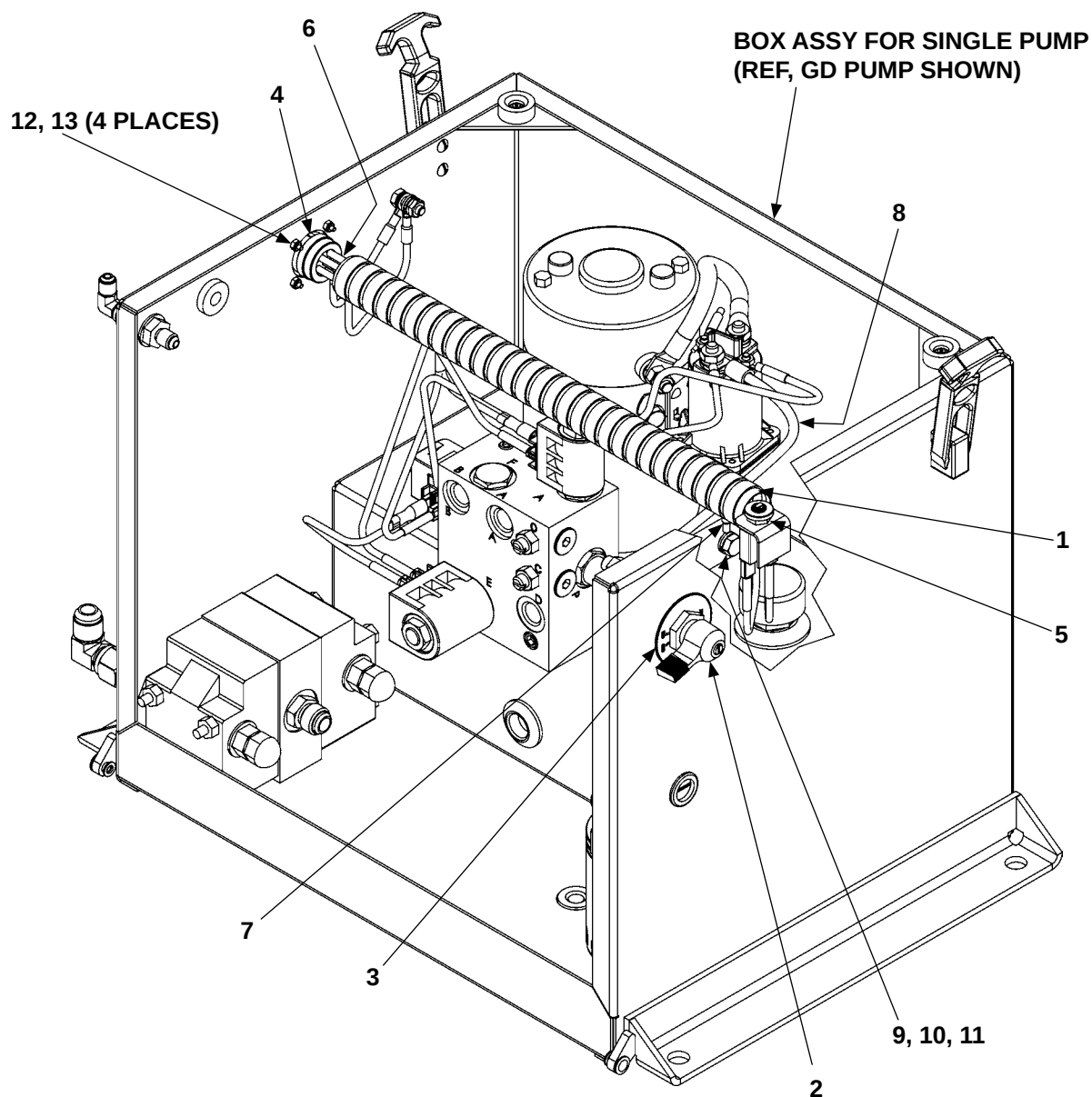
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ITEM	QTY.	PART NO.	DESCRIPTION
1	3	205780	TIE, PLASTIC 7" (50LB)
2	1	263802-02	GASKET, CONNECTOR (6 PIN)
3	1	264179	CIRCUIT BREAKER, 10 AMP
4	1	283062-01	HARNESS, POWER DOWN
		283072-01	HARNESS, GRAVITY DOWN
5	2	283312-01	WIRE ASSY, 16 GA, 9" LG.
6	1	268226-08	CABLE ASSY, 2 GA, 9" LG. (POWER DOWN)
		268226-05	CABLE ASSY, 2 GA, 7" LG. (GRAVITY DOWN)
7	1	268226-07	CABLE ASSY, 2 GA, 18" LG.
8	2	900009-1	CAP SCREW, 5/16"-18 X 5/8" LG, GR8
9	2	902000-8	FLAT WASHER, 5/16" X 1/16" THK
10	2	902011-3	LOCK WASHER, 5/16", GR8
11	1	906577-01	TOGGLE SWITCH
12	1	906590-01	SWITCH, MASTER DISCONNECT
13	1	906591-01	O-RING
14	4	900709-08	PAN HD SCREW, #4-40 X 1/2" LG.
15	4	901007	LOCK NUT, NYLON, #4-40, GR8

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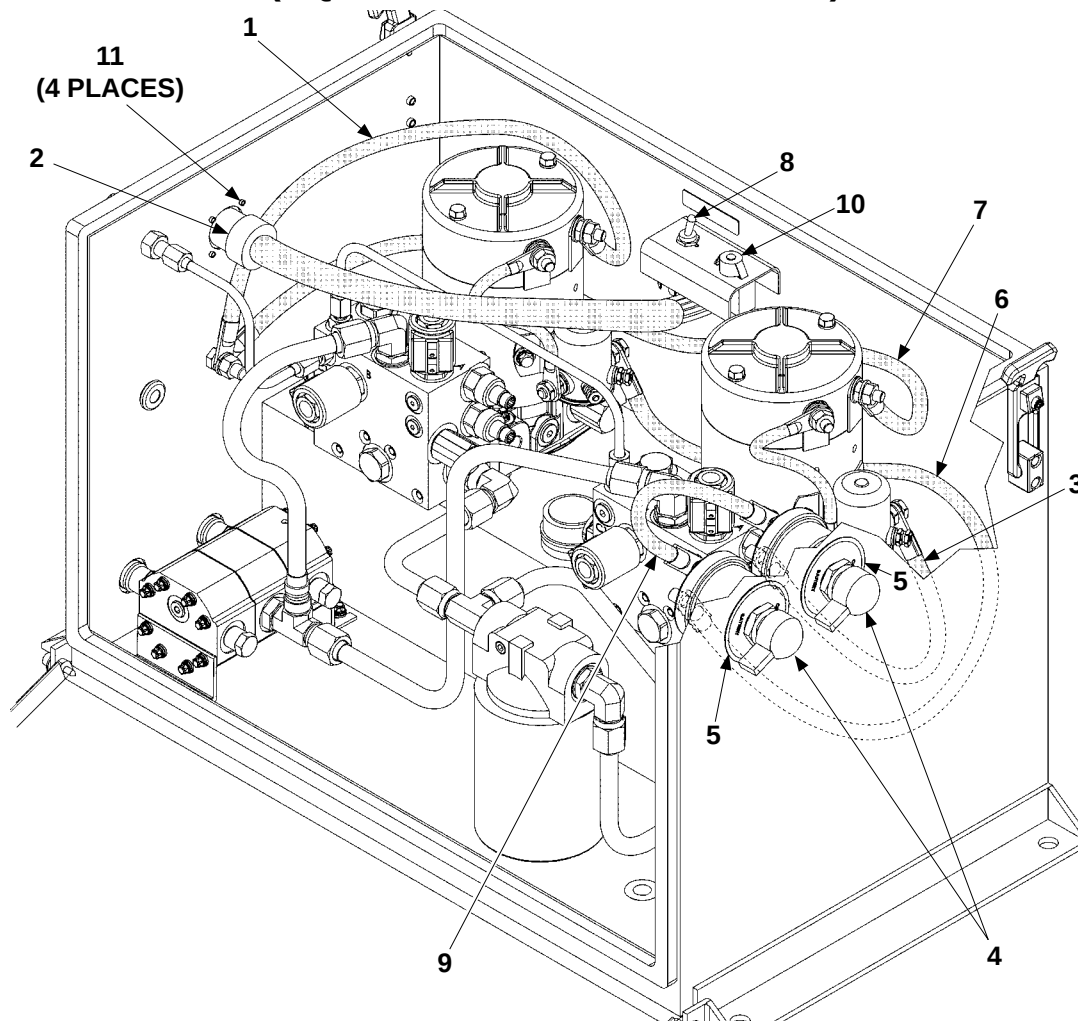
ELECTRICAL COMPONENTS - SINGLE PUMP BOX



NOTE: MAXON recommends using dielectric grease on all electrical connections.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	205780	TIE, PLASTIC 7" (50LB)
2	1	228754	MASTER SWITCH, O-RING SEALED SHAFT
3	1	228755	PLATE, SWITCH FACE
4	1	283802-02	GASKET, CONNECTOR (6-PIN)
5	1	264179	CIRCUIT BREAKER, 10 AMP
6	1	283302-01	HARNESS, POWER DOWN
		283303-01	HARNESS, GRAVITY DOWN
7	1	283312-01	WIRE ASSY, 16 GA, 9" LG.
8	1	268226-03	CABLE ASSY, 2 GA, 25" LG.
9	1	900009-1	CAP SCREW, 5/16"-18 X 5/8" LG, GR8
10	1	902000-8	FLAT WASHER, 5/16" X 1/16" THK
11	1	902011-3	LOCK WASHER, 5/16", GR8
12	4	900709-08	PAN HD SCREW, #4-40 X 1/2" LG.
13	4	901007	LOCK NUT, NYLON, #4-40, GR8

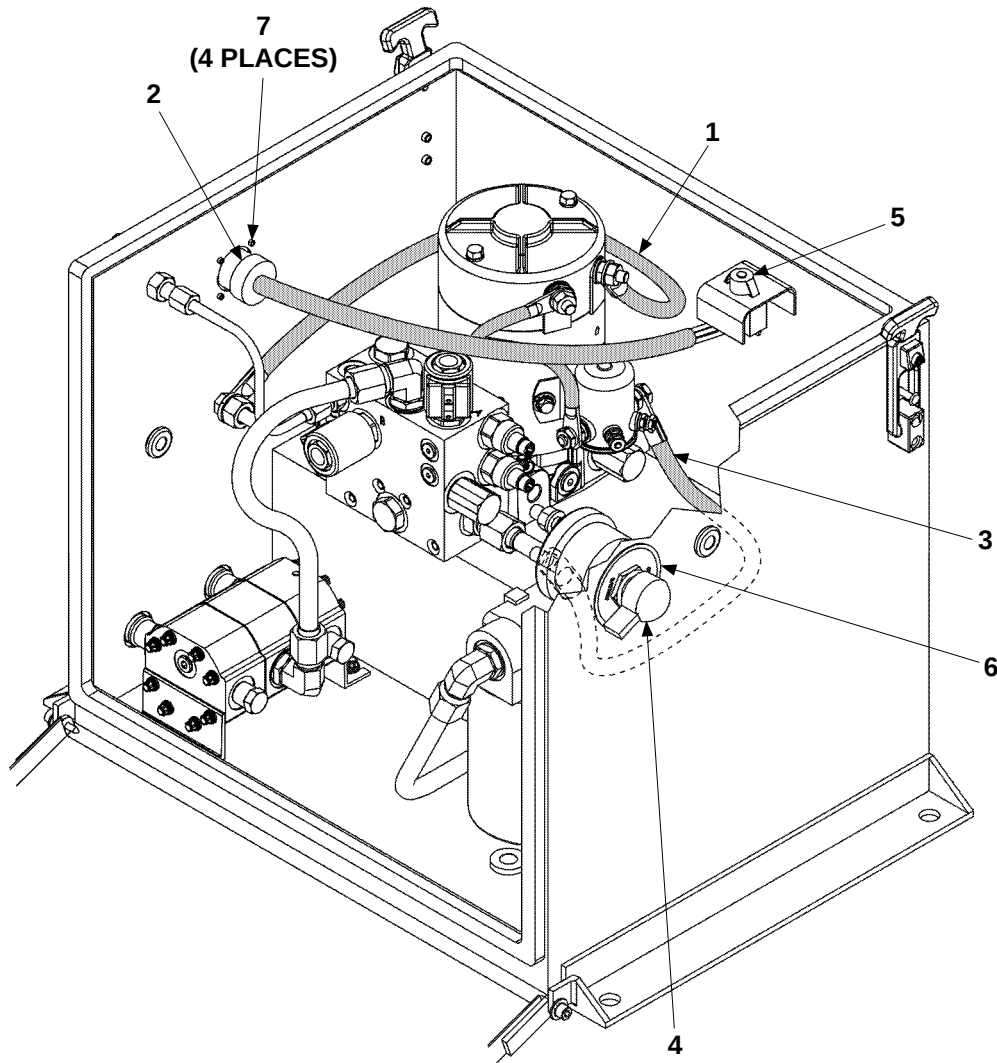
ELECTRICAL COMPONENTS - DUAL PUMP BOX (EQUIPPED WITH STEEL LINES)



NOTE: MAXON recommends using dielectric grease on all electrical connections.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	REF	LEAD WIRE, BLACK
2	1	281822-01	WIRING HARNESS, D/PUMP G/D (HALDEX)
3	1	REF	LEAD WIRE, RED
4	2	281818-01	BATTERY DISCONNECT SWITCH (HALDEX)
5	2	REF	SWITCH PLATE
6	1	REF	LEAD WIRE, RED
7	1	REF	LEAD WIRE, BLACK
8	1	281849-01	TOGGLE SWITCH (HALDEX)
9	1	REF	TERMINAL STRAP
10	1	281817-01	CIRCUIT BREAKER, 10 AMP (HALDEX)
11	4	REF	POP RIVET, 1/8" X 3/8" LG.

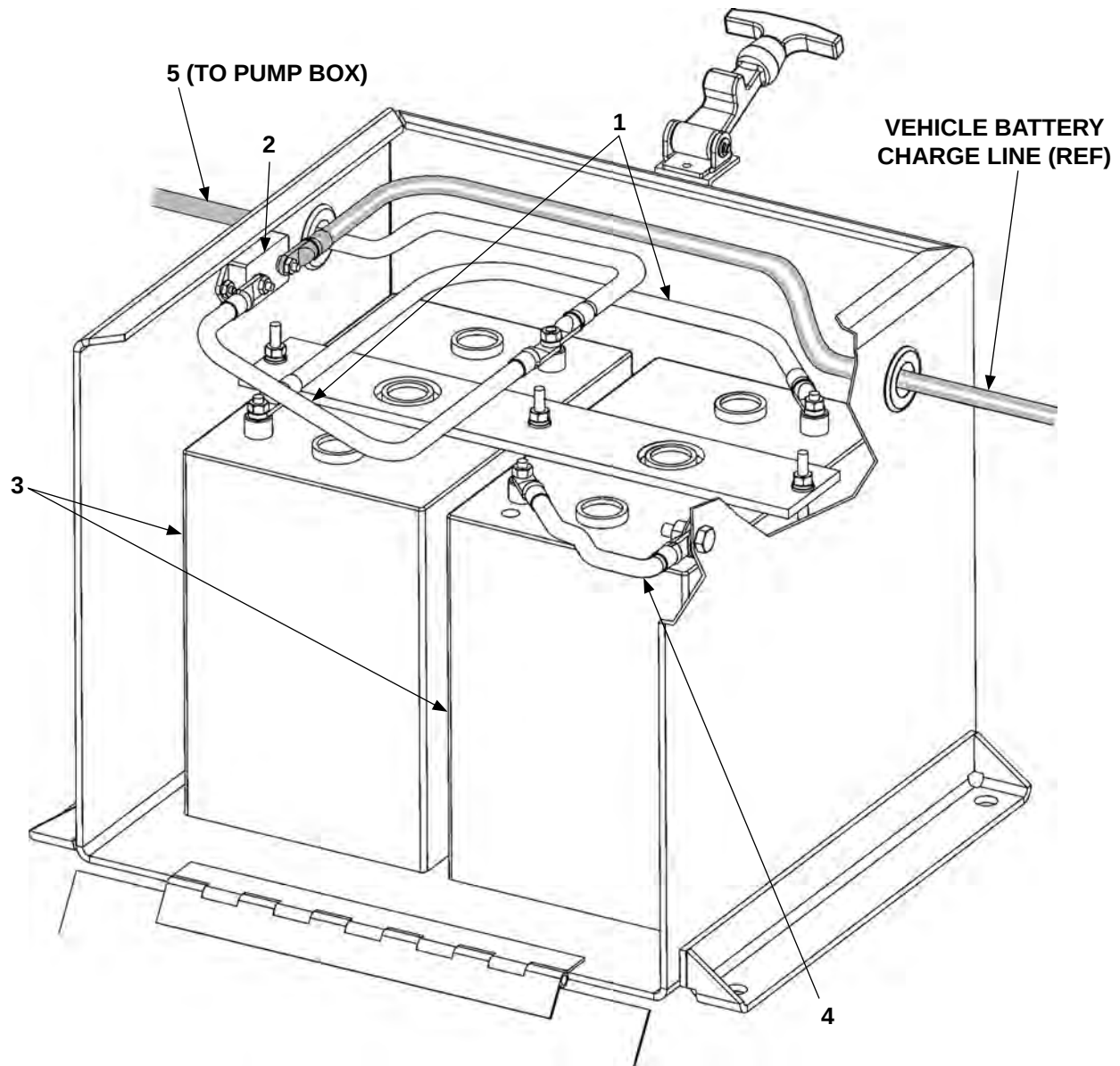
ELECTRICAL COMPONENTS - SINGLE PUMP BOX (EQUIPPED WITH STEEL LINES)



NOTE: MAXON recommends using dielectric grease on all electrical connections.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	REF	LEAD WIRE, BLACK
2	1	281796-01	WIRING HARNESS, SINGLE PUMP G/D (HALDEX)
3	1	REF	LEAD WIRE, RED
4	1	281818-01	BATTERY DISCONNECT SWITCH (HALDEX)
5	1	281817-01	CIRCUIT BREAKER, 10 AMP (HALDEX)
6	1	REF	SWITCH PLATE
7	4	REF	POP RIVET, 1/8" DIA. X 3/8" LG.

ELECTRICAL COMPONENTS - BATTERY BOX

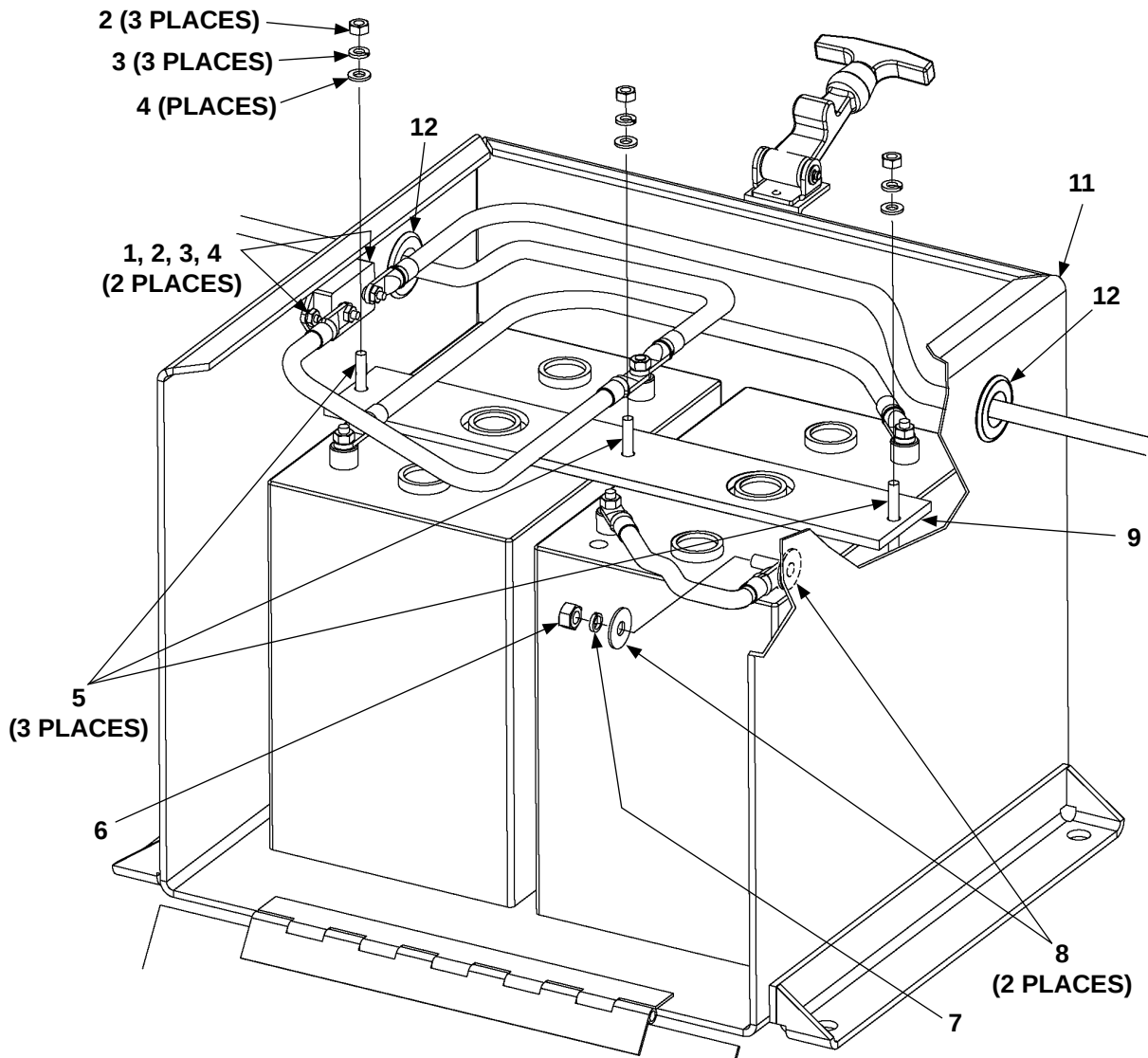


NOTE: Illustration shows 6 volt batteries connected in series.

NOTE: MAXON recommends using dielectric grease on all electrical connections.

ITEM	QTY.	PART NO.	DESCRIPTION
1	2	251871-05	CABLE ASSEMBLY
2	1	221736	CIRCUIT BREAKER 150 AMP
3	2	REF	BATTERY, 6V HEAVY DUTY
		267318-01	BATTERY, 12V AGM HEAVY DUTY
4	2	251871-14	CABLE ASSY (6V BATTERIES IN SERIES REQUIRE 1 CABLE. 12V BATTERIES IN PARALLEL REQUIRE 2 CABLES.)
5	1	251871-11	CABLE ASSEMBLY

BATTERY BOX



ITEM	QTY.	PART NO.	DESCRIPTION
REF	1	280260-02	BATTERY BOX ASSY (WITHOUT BATTERIES)
1	2	900002-4	PAN HEAD SCREW 1/4"-20
2	5	901011-1	HEX NUT, 1/4"-20
3	5	902011-2	LOCK WASHER, 1/4"
4	7	902000-1	FLAT WASHER, 1/4"
5	3	227722	ROD, BATTERY HOLD DOWN
6	1	901005	HEX NUT, 5/16"-18
7	1	902011-3	LOCK WASHER, 5/16"
8	2	902000-7	FLAT WASHER, 5/16"
9	1	250479	BATTERY HOLD DOWN
10	1	215139	CATCH & FASTENER
11	1	264022	DUAL BATTERY BOX
12	2	251097	GROMMET, RUBBER 7/8 X 1-5/8

