BRIGHT COOP, INC.

Cage Unloading System Customer Acknowledgment

Please complete this form and return to:
Bright Coop, Inc., Attn. Clem Russell, PO Box 635001, Nacogdoches, TX 75963.

For your convenience, you may also complete this form online at:
http://www.brightcoop.com/acknowledgement/

I, _____, have received the following manuals associated with Serial #_____ and have been instructed on how to operate the Cage Unloading System. I also understand and agree that all operators and maintenance personnel are required to read each manual thoroughly, and to fully understand the Operator's and Maintenance manual before operating or maintaining the Cage Unloading System. Please check the appropriate boxes below acknowledging the receipt of the product documents listed below.

☐ **Bright Coop Inc. "Cage Unloading System" Operator's and Maintenance Manual (BCI# 091-00950_EN&SP Dated 2/1/2019)**

☐ **Bright Coop Inc. "Cage Unloading System" Parts Catalog**

Bright Coop Inc. continues to provide quality products for the poultry industry. It is our dedication to the industry and our customers that we must provide information on Safety, Operation, and Maintenance. Our ability to educate our customer's personnel on new equipment will increase safety awareness and reduce downtime if all personnel properly understand the operations of the equipment.

Company: _____

Location: _____

Signature: _____

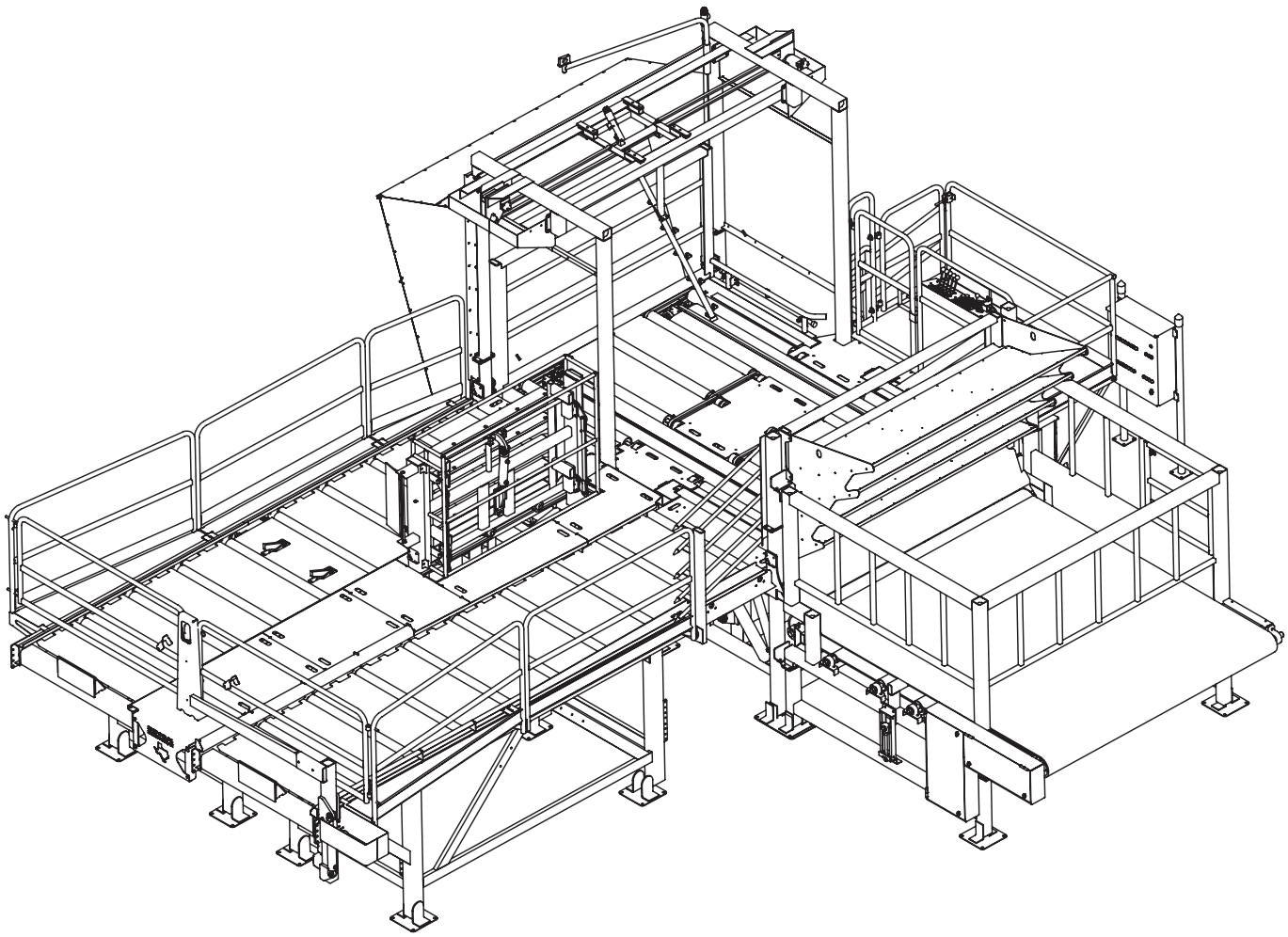
Title: _____

Date: _____

Please retain a copy of this completed form for your records. Thank you!

BE BRIGHT BUY RIGHT BUY BRIGHT'S
SERVING THE POULTRY INDUSTRY FOR MORE THAN 50 YEARS

Cage Unloading System



Parts Catalog

Bright Coop Inc.
803 W. Seale St.
Nacogdoches, TX 75964
Phone: (936) 564-8378 • Fax: (936) 564-3281
Info@brightcoop.com
BCI# 091-24786

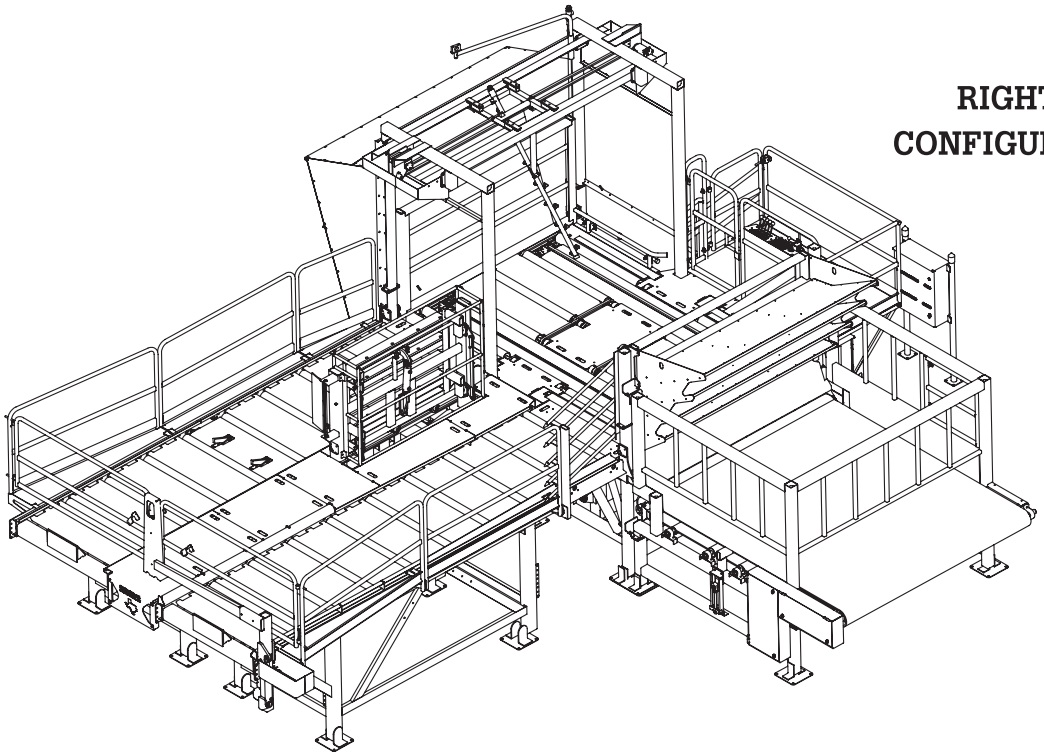
Issued: 06/25/2021
Revised: 10/2020
BCI#: 091-24786

Cage Unloading System

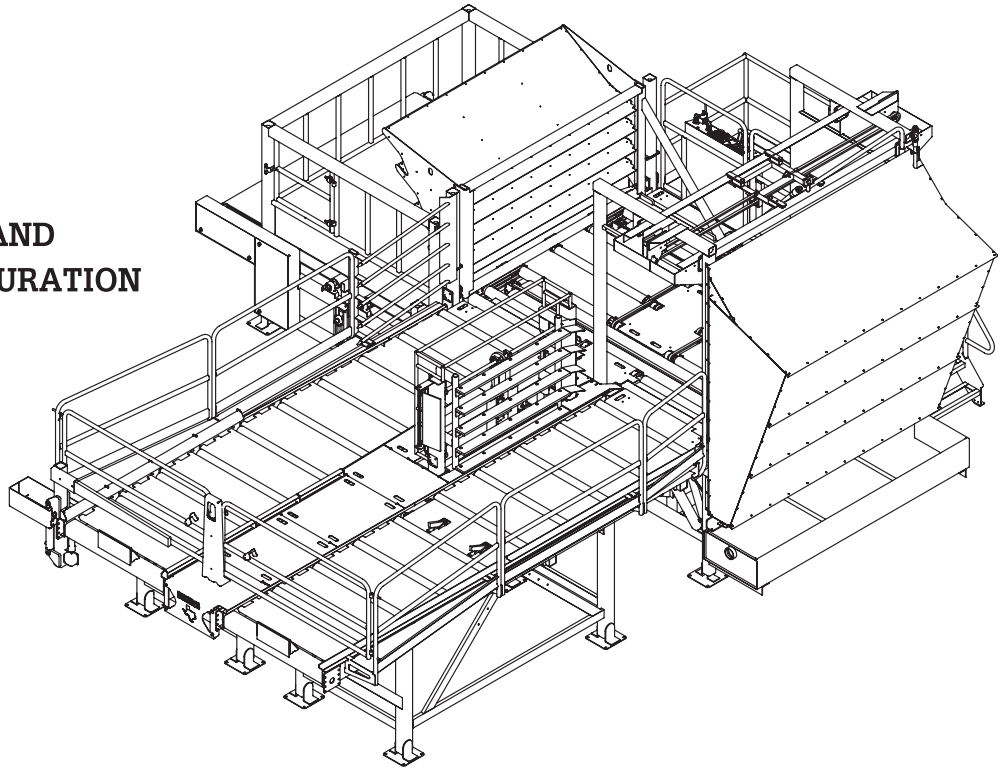
Bright Coop Inc.

CONFIGURATION

RIGHT HAND
CONFIGURATION



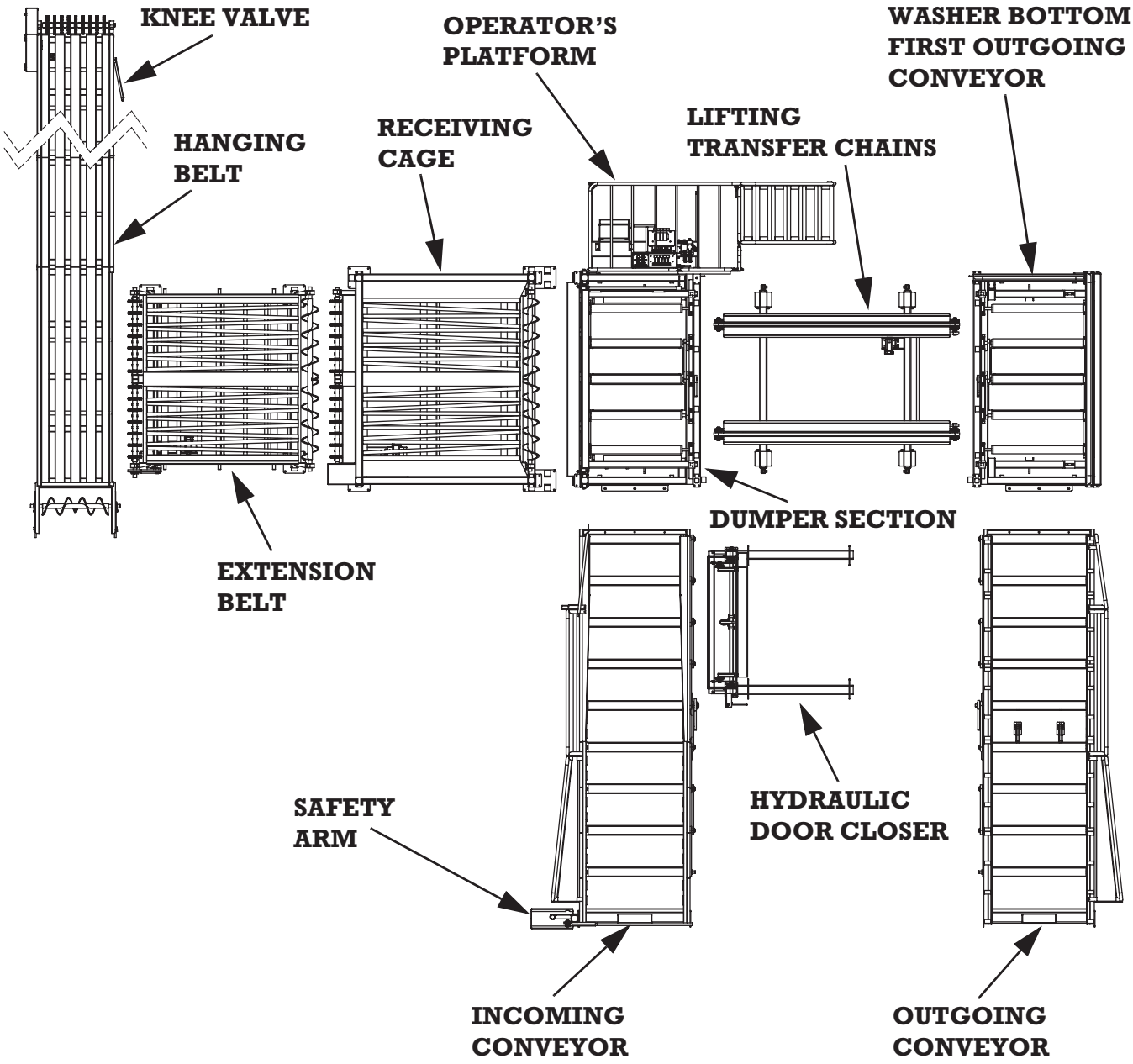
LEFT HAND
CONFIGURATION



Cage Unloading System

QUICK REFERENCE

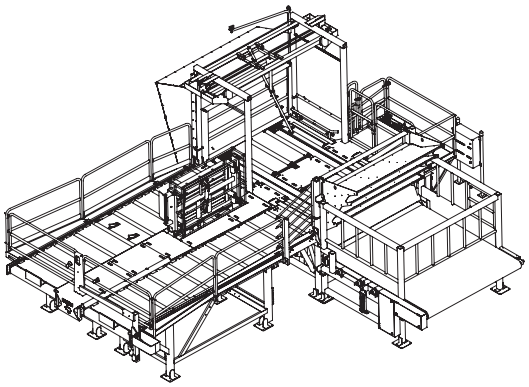
(LEFT HAND SIDE UNLOADING SYSTEM SHOWN)



Cage Unloading System

Tab Indexes

Parts Catalog



1. SECTION #1
INCOMING CONVEYOR

2. SECTION #2
DUMPER SECTION

3. SECTION #3
LIFTING TRANSFER CHAINS

4. SECTION #4
WASHER BOTTOM/ASSEMBLIES

5. SECTION #5
OUTGOING CONVEYOR

6. SECTION #6
RECEIVING AND HANGING BELTS

7. SECTION #7
OPERATOR PLATFORM

8. SECTION #8
DOOR CLOSER

9. SECTION #9
LAY INS

10. SECTION #10
HYDRAULIC COMPONENTS

11. SECTION #11
SAFETY FENCING & PLACARDS

12. SECTION #12
HYDRAULIC POWER UNIT

Bright Coop Inc.
803 W. Seale St.
Nacogdoches, TX 75964
Phone: (936) 564-8378
Fax: (936) 564-3281
Info@brightcoop.com

BCI# 091-24786 DATED:06/25/2021

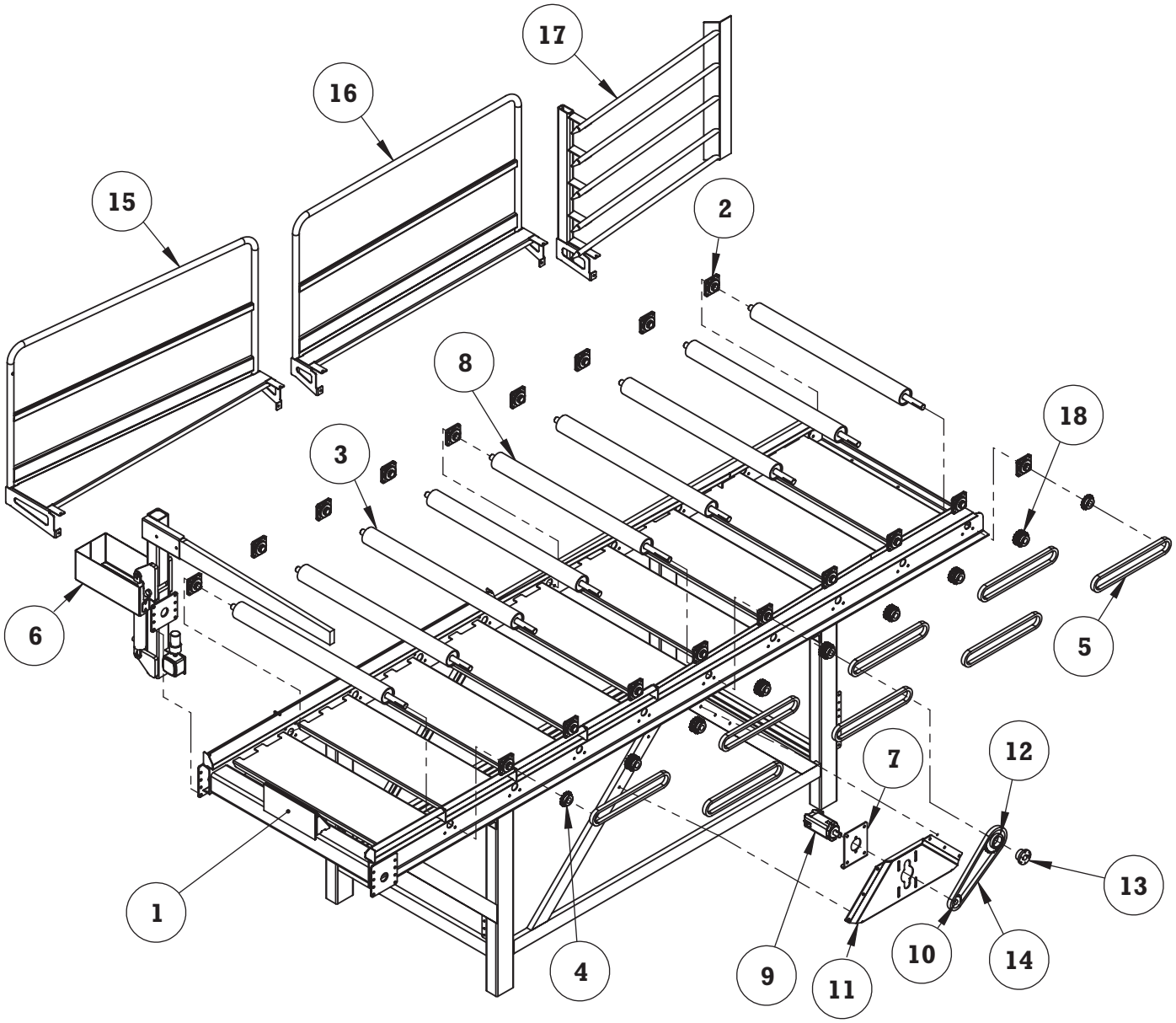
SECTION #1

INCOMING CONVEYOR

CONTENTS

INCOMING 20' CONVEYOR ASSEMBLY (091-21100) 1-2
INCOMING 30' CONVEYOR ASSEMBLY STD (091-21102) 1-4
20' INTERMEDIATE INCOMING SECTION (091-21103) 1-6
SAFETY ARM ASSEMBLY (091-10130) 1-8
INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890) 1-10
INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01) 1-12
INCOMING CONVEYOR ASSEMBLY (10') (091-00916-ASSY) 1-14
30' INCOMING INTERMEDIATE CONVEYOR (STD) (091-21105) 1-16
INCOMING CONVEYOR ASSEMBLY (091-21104-ASSY) 1-18
INCOMING 10' INTERMEDIATE CONVEYOR (120") (091-21134) 1-20

INCOMING 20' CONVEYOR ASSEMBLY (091-21100)



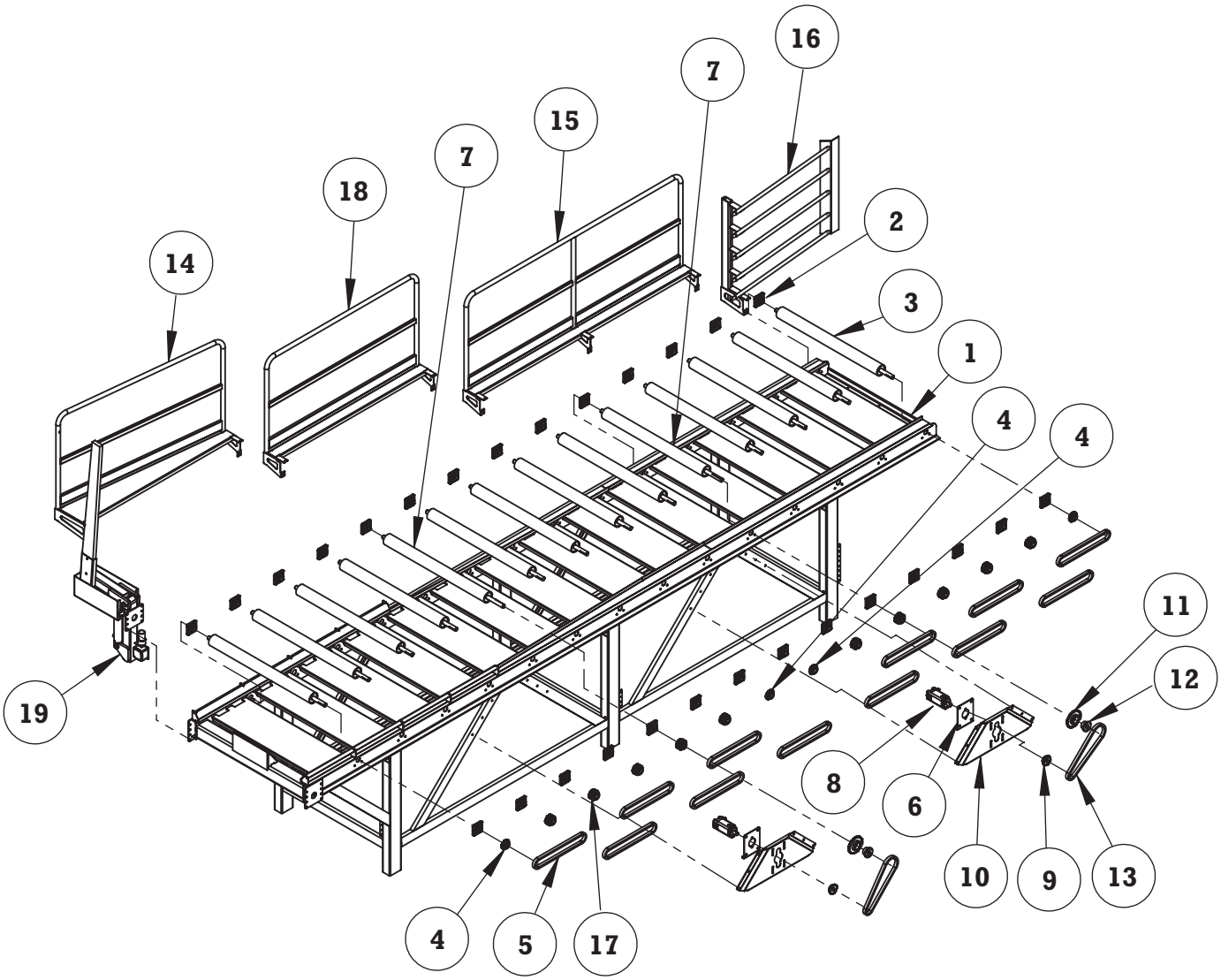
LEFT HAND SYSTEM SHOWN

INCOMING 20' CONVEYOR ASSEMBLY (091-21100)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21115	INCOMING CONVEYOR FRAME WELDMENT (STD.)
2	18	030-00018-D	FLANGE BEARING 1-7/16"
3	8	091-00308	CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	8	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	8	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-10130L	* SAFETY ARM ASSEMBLY (LEFT HAND SIDE SYSTEM)
	1	091-10130R	* SAFETY ARM ASSEMBLY (RIGHT HAND SIDE SYSTEM)
7	1	091-20558	HYDRAULIC MOTOR SUPPORT
8	1	091-00307	DRIVE ROLLER (CONVEYOR)
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	091-21124	HYDRAULIC MOTOR PLATE
12	1	690-00014	SPROCKET 60SK28
13	1	690-00022	SK 1-71/6" BUSHING
14	1	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	1	091-21828.1	CONVEYOR HANDRAIL (FLARE) (LEFT HAND SIDE SYSTEM) (AS SHOWN)
	1	091-21828.2	CONVEYOR HANDRAIL (FLARE) (RIGHT HAND SIDE SYSTEM)
16	1	091-21829	CONVEYOR HANDRAIL (LONG)
17	1	091-21602L	INCOMING PIPE DOOR CLOSER, FIVE HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21602R	INCOMING PIPE DOOR CLOSER, FIVE HIGH CAGE (RIGHT HAND SIDE SYSTEM)
	1	091-21609L	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21609R	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (RIGHT HAND SIDE SYSTEM)
18	7	690-00063	DUAL SPROCKET 60BS15 1-7/16" BORE

* PARTS DETAIL IN THIS SECTION

INCOMING 30' CONVEYOR ASSEMBLY STD (091-21102)



LEFT HAND SYSTEM SHOWN

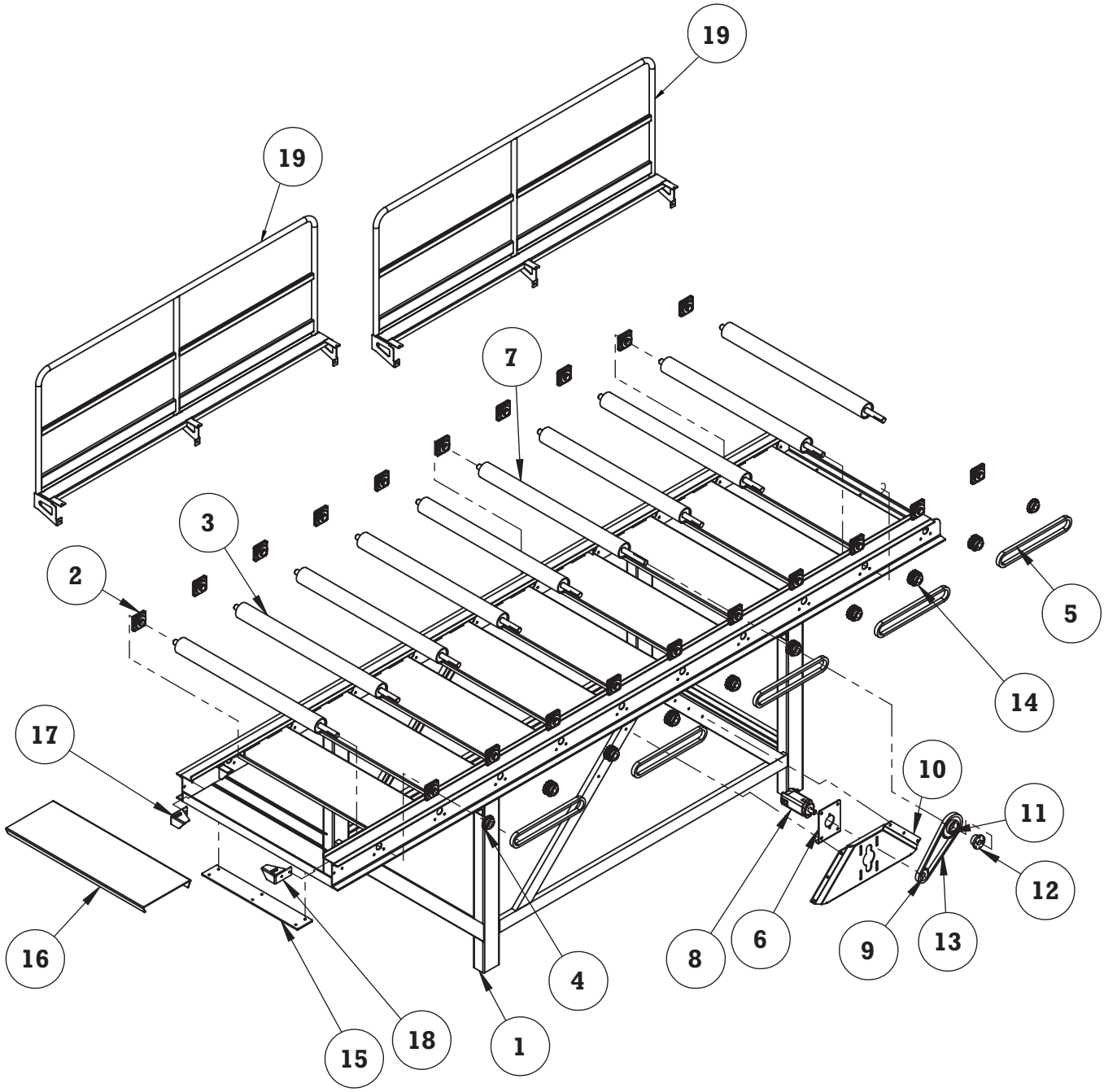
INCOMING 30' CONVEYOR ASSEMBLY STD (091-21102)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21116	30' INCOMING CONVEYOR FRAME WELDMENT (STD.)
2	28	030-00018-D	FLANGE BEARING 1-7/16"
3	12	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	4	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	12	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	12	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	2	091-20558	HYDRAULIC MOTOR SUPPORT
7	2	091-00307	DRIVE ROLLER (CONVEYOR)
8	2	450-00004	HYDRAULIC MOTOR
9	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	2	091-21124	HYDRAULIC MOTOR PLATE
11	2	690-00014	SPROCKET 60SK28
12	2	690-00022	QD BUSHING (SK 1-7/16")
13	2	110-00001H	#60 (5 FOOT LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	1	091-21828.1	CONVEYOR HANDRAIL (FLARE) (LEFT HAND SIDE SYSTEM)
	1	091-21828.2	CONVEYOR HANDRAIL (FLARE) (RIGHT HAND SIDE SYSTEM)
15	1	091-21844	HANDRAIL FOR EXTENDED CONVEYORS
16	1	091-21602L	INCOMING PIPE DOOR CLOSER FOR FIVE HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21602R	INCOMING PIPE DOOR CLOSER FOR FIVE HIGH CAGE (RIGHT HAND SIDE SYSTEM)
	1	091-21609L	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21609R	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (RIGHT HAND SIDE SYSTEM)
17	10	690-00063	DUAL SPROCKET 60BS15 1-7/16" BORE
18	1	091-21829	CONVEYOR HANDRAIL (LONG)
19	1	091-10130L	* SAFETY ARM ASSEMBLY (LEFT HAND SIDE)
	1	091-10130R	* SAFETY ARM ASSEMBLY (RIGHT HAND SIDE)

* PARTS DETAIL IN THIS SECTION

Cage Unloading System

20' INTERMEDIATE INCOMING SECTION (091-21103)

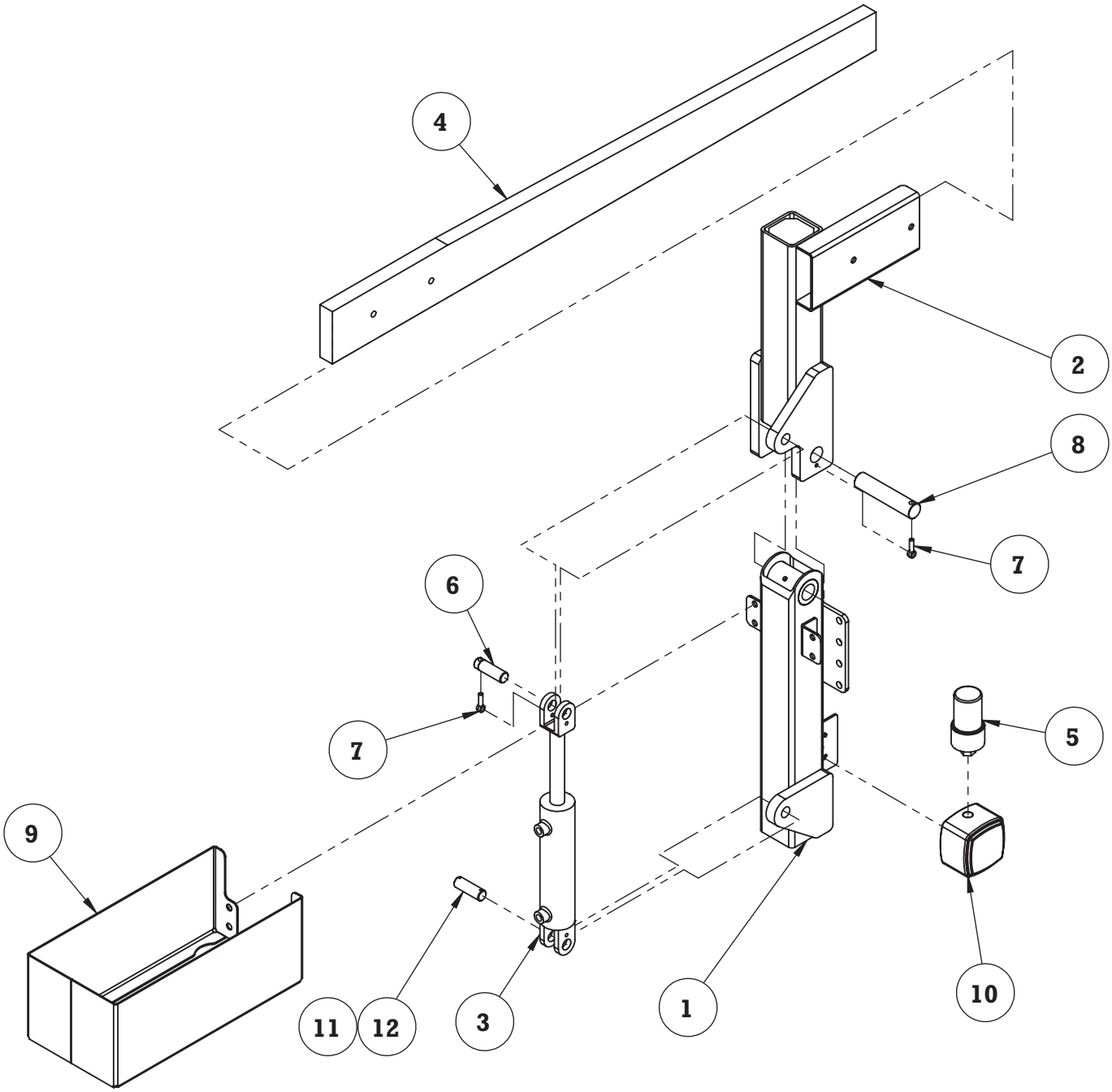


LEFT HAND SYSTEM SHOWN

20' INTERMEDIATE INCOMING SECTION (091-21103)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21117	INCOMING 20' INTERMEDIATE SECTION
2	20	030-00018-D	FLANGE BEARING 1-7/16"
3	9	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	5	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	5	110-00002H	MASTER LINKS FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-00307	DRIVE ROLLER (CONVEYOR)
8	1	450-00004	HYDRAULIC MOTOR
9	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	1	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
11	1	690-00014	SPROCKET 60SK28
12	1	690-00022	QD BUSHING (SK 1-7/16")
13	1	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	8	690-00063	DUAL SPROCKET 60BS15 1-7/16" BORE
15	1	091-20838	CONNECTION TONGUE FOR CONVEYORS
16	1	091-20842	CONNECTOR LAY IN FOR DOUBLE CONVEYORS
17	1	091-21846R	CONNECTOR LAY IN SUPPORT
18	1	091-21846L	CONNECTOR LAY IN SUPPORT
19	2	091-21844	HANDRAIL FOR EXTENDED CONVEYORS

SAFETY ARM ASSEMBLY (091-10130)

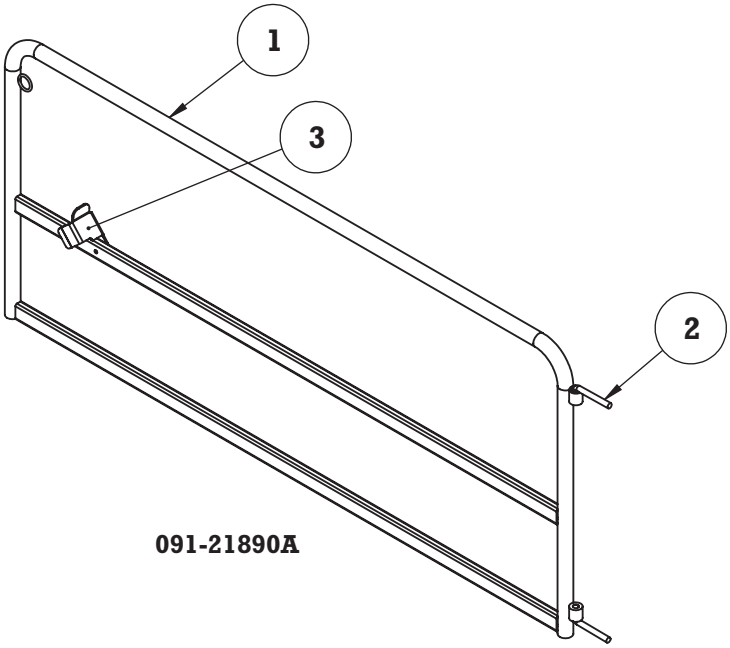


LEFT HAND SYSTEM SHOWN

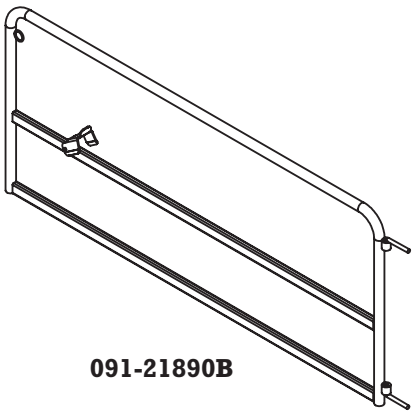
SAFETY ARM ASSEMBLY (091-10130)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21803L	LOWER ARM WELDMENT (LEFT HAND SIDE SYSTEM) (AS SHOWN)
	1	091-21803R	LOWER ARM WELDMENT (RIGHT HAND SIDE SYSTEM)
2	1	010-00086L	UPPER ARM ASSEMBLY (LEFT HAND SIDE SYSTEM) (AS SHOWN)
	1	010-00086R	UPPER ARM ASSEMBLY (RIGHT HAND SIDE SYSTEM)
3	1	170-00002	DOOR CLOSER LIFT CYLINDER
	1	630-00022	SEAL KIT FOR CYLINDER #170-00002
4	1	010-00085	SAFETY ARM
5	2	190-00406	STROBE LIGHT
6	1	098-01483	CYLINDER PIN
7	2	098-01482	ROD END 3/8”
8	1	091-20651	SAFETY ARM PIVOT PIN
9	1	091-21817	SAFETY ARM GUARD
10	1	190-00407	HORN (120V AC)
11	1	170-00015	CYLINDER PIN
12	2	210-00147	COTTER PIN 3/16” X 3”

INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890)



091-21890A

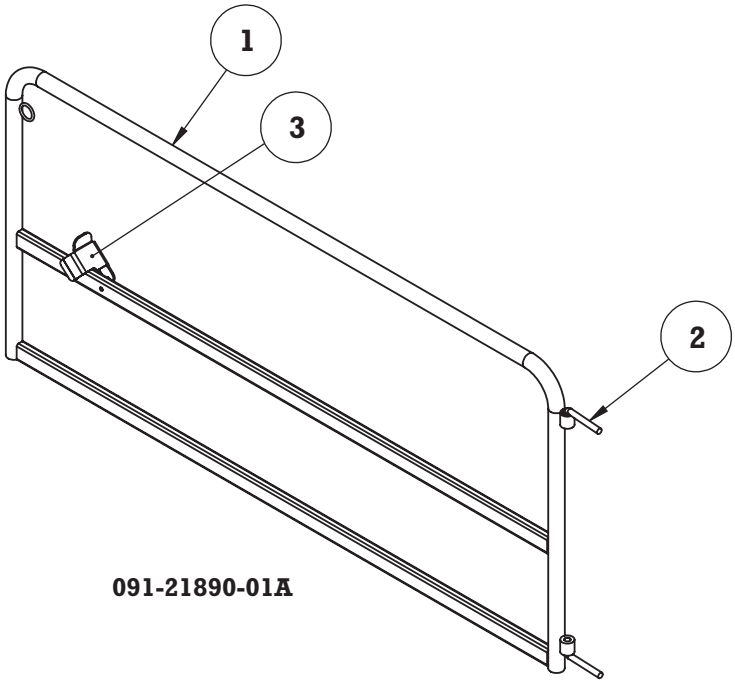


091-21890B

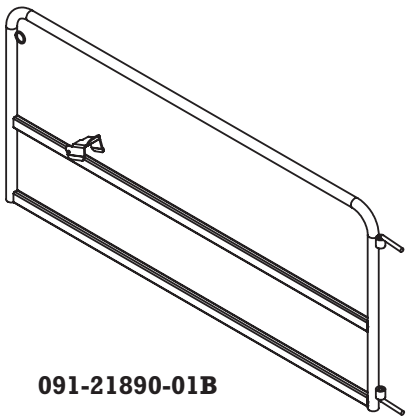
INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890)

ITEM	A / QTY.	B / QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21870	INCOMING / OUTGOING CONVEYOR SAFETY GATE
2	2	2	091-20393	GATE HINGE PIN
3	1	1	091-24345	INCOMING / OUTGOING CONVEYOR SAFETY GATE HOLDER
4	2	–	210-00143	COLD SHUT, 5/16 ZINC PLATED
5	1	–	110-00039	SNAP, EYE SWIVEL
6	2 FT	–	REF	5/16 CHAIN

INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01)



091-21890-01A

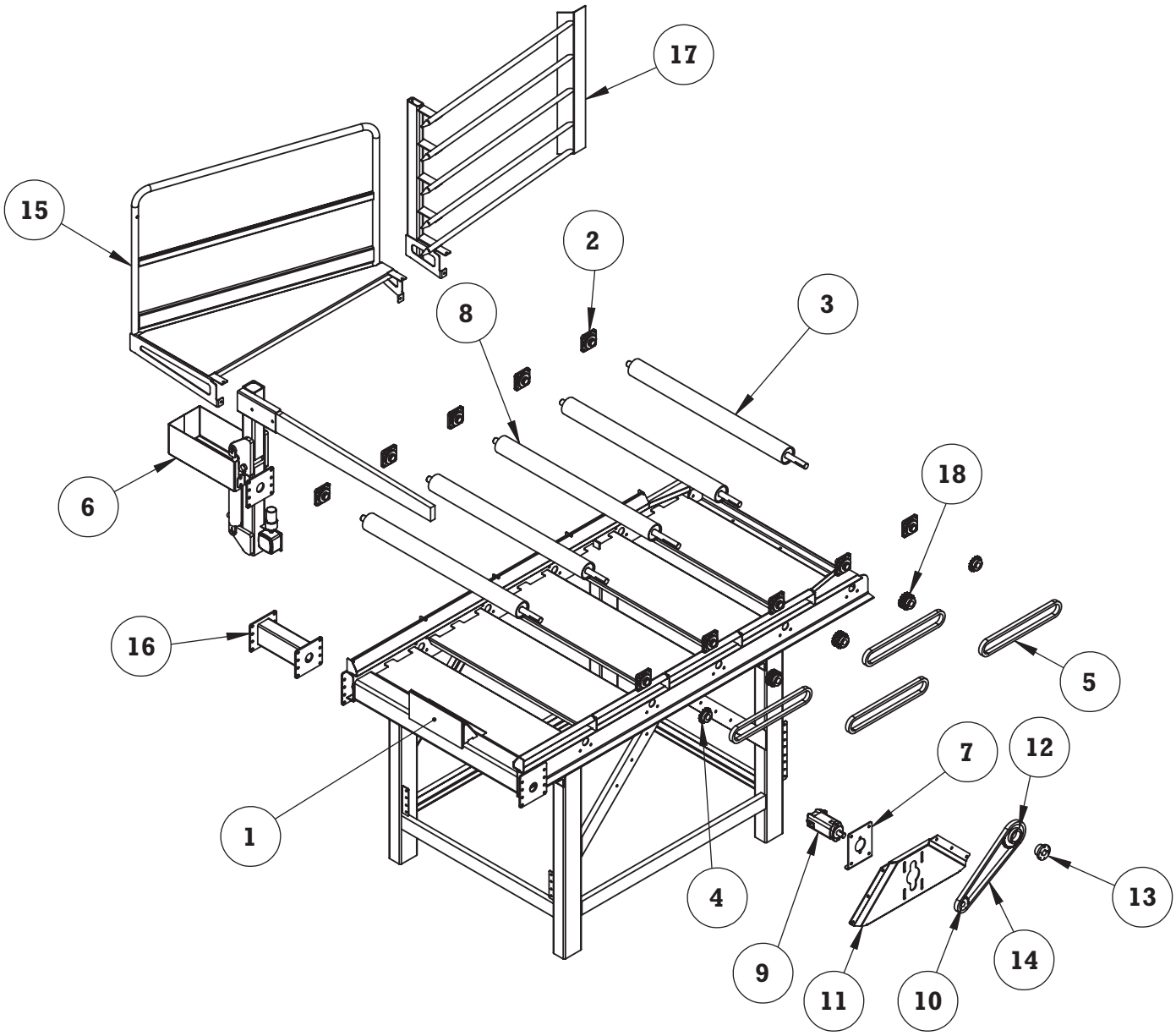


091-21890-01B

INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01)

ITEM	A / QTY.	B / QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21870-01	INCOMING / OUTGOING CONVEYOR SAFETY GATE (NARROW)
2	2	2	091-20393	GATE HINGE PIN
3	1	1	091-24345	INCOMING / OUTGOING CONVEYOR SAFETY GATE HOLDER
4	2	–	210-00143	COLD SHUT, 5/16 ZINC PLATED
5	1	–	110-00039	SNAP, SWIVEL EYE
6	2 FT	–	REF	5/16 CHAIN

INCOMING CONVEYOR ASSEMBLY (10') (091-00916-ASSY)

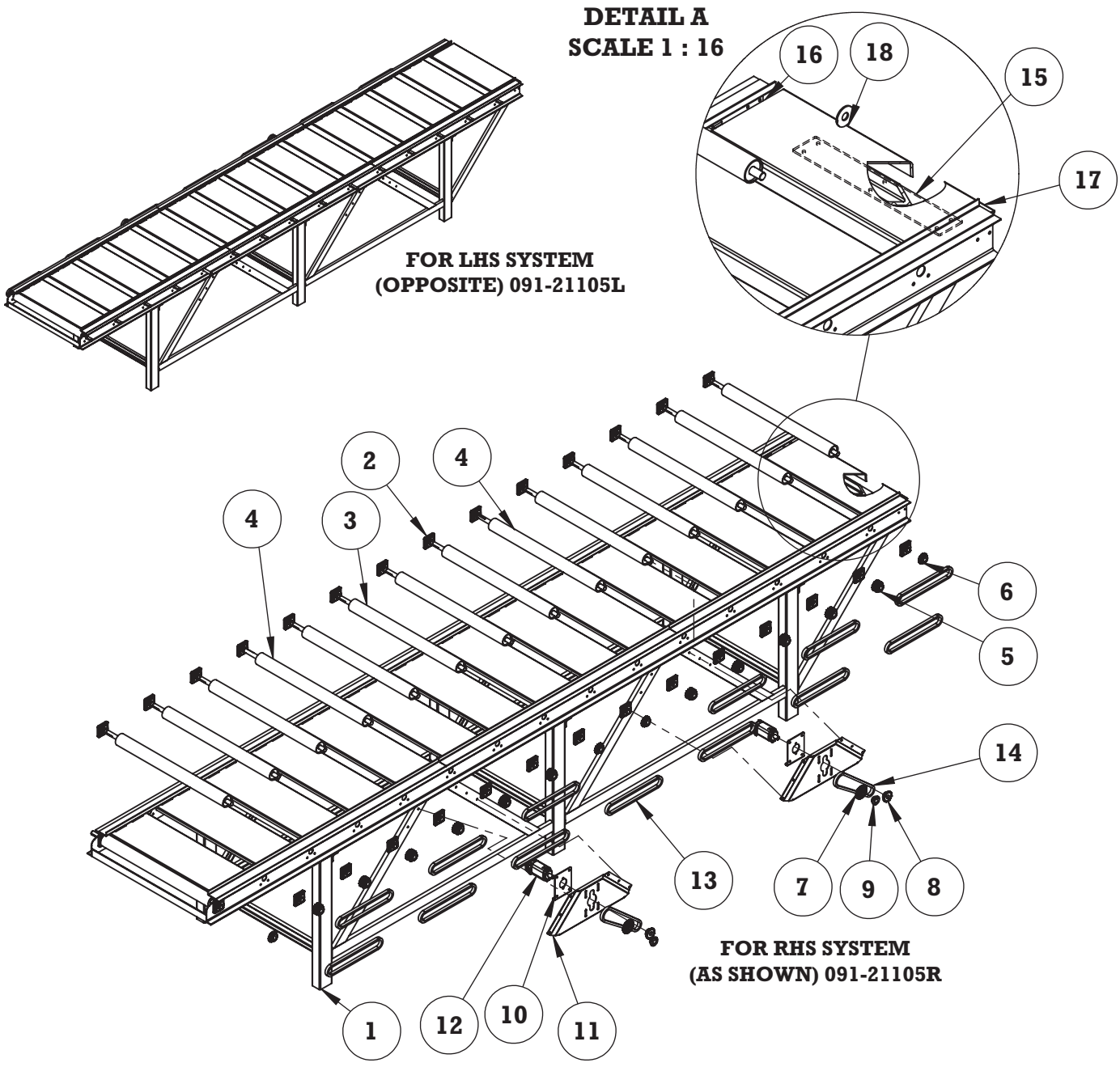


INCOMING CONVEYOR ASSEMBLY (10') (091-00916-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00916	10' INCOMING CONVEYOR FRAME WELDMENT
2	10	030-00018-D	FLANGE BEARING 1-7/16
3	4	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	4	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	4	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-10130L	SAFETY INCOMING CROSS ARM ASSEMBLY
7	1	091-20558	HYDRAULIC MOTOR SUPPORT
8	1	091-00307	DRIVE ROLLER (CONVEYOR)
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
12	1	690-00014	SPROCKET 60SK28
13	1	690-00022	QD BUSHING (SK-1-7/16)
14	1	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	1	091-00925.2	CONVEYOR HANDRAIL (SPECIAL FLARE)
16	1	091-00924	SAFETY ARM EXTENDER ASSEMBLY
17	1	091-21602L	INCOMING PIPE DOOR CLOSER, FIVE HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21602R	INCOMING PIPE DOOR CLOSER, FIVE HIGH CAGE (RIGHT HAND SIDE SYSTEM)
	1	091-21609L	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (LEFT HAND SIDE SYSTEM)
	1	091-21609R	INCOMING PIPE DOOR CLOSER FOR FOUR HIGH CAGE (RIGHT HAND SIDE SYSTEM)
18	3	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE

* PARTS DETAIL IN THIS SECTION

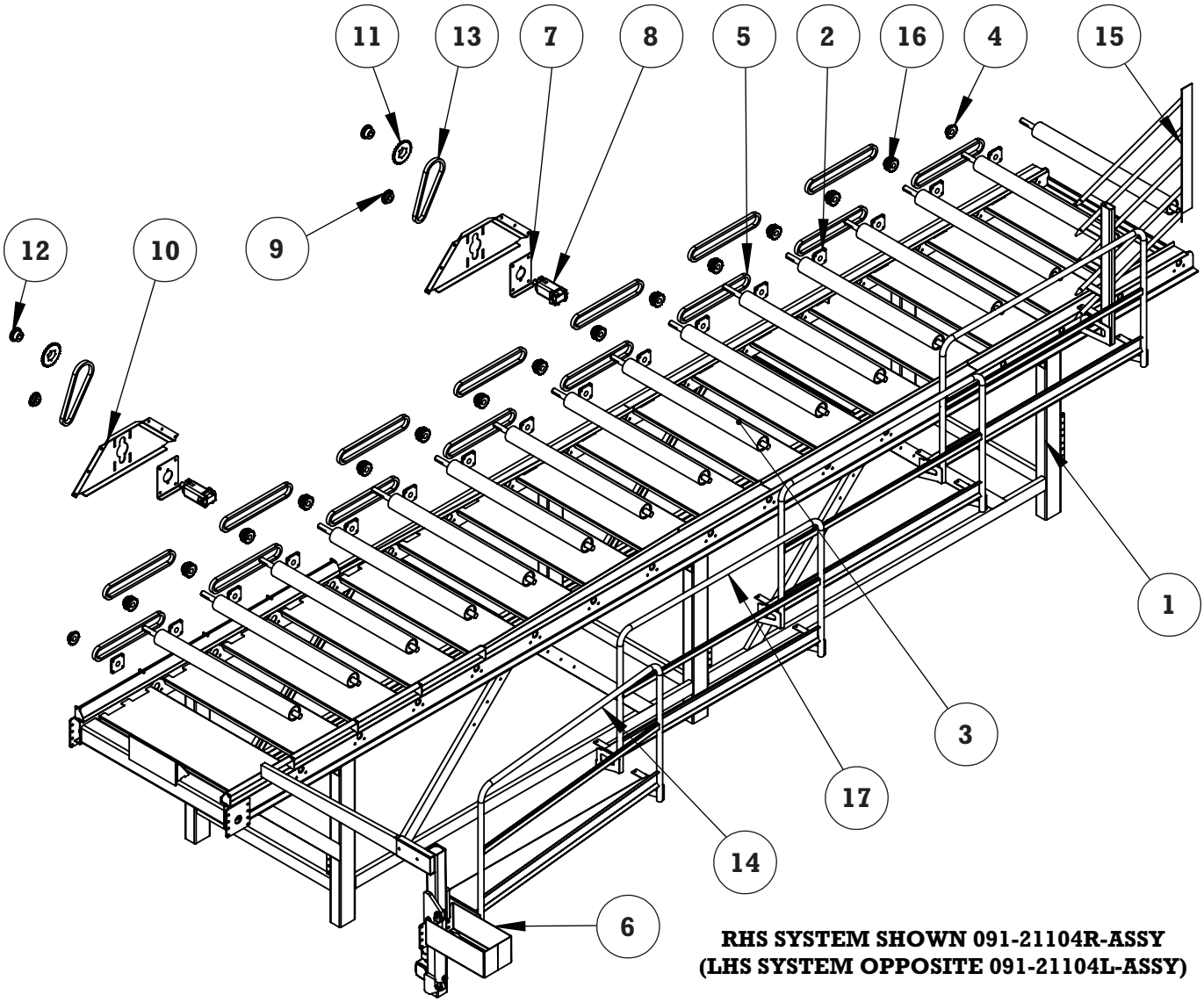
30' INCOMING INTERMEDIATE CONVEYOR (STD) (091-21105)



30' INCOMING INTERMEDIATE CONVEYOR (STD) (091-21105)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21118	30' INCOMING INT. CONVEYOR FRAME
2	30	030-00018-D	FLANGE BEARING 1-7/16
3	13	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	091-00307	DRIVE ROLLER (CONVEYOR)
5	11	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
6	4	690-00005	SPROCKET 60BS15 1-7/16" BORE
7	2	690-00006	SPROCKET 60SDS20
8	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
9	2	690-00021	QD BUSHING (SDS 1-7/16)
10	2	091-20558	HYDRAULIC MOTOR SUPPORT
11	2	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
12	2	450-00004	HYDRAULIC MOTOR
13	13	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	2	110-00001H	ROLLER CHAIN #60 (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	1	091-20838	CONNECTION TONGUE FOR CONVEYORS
16	1	091-21846L	CONNECTOR LAY IN SUPPORT
17	1	091-21846R	CONNECTOR LAY IN SUPPORT
18	1	091-20842	CONNECTOR LAY IN FOR DOUBLE CONVEYORS

INCOMING CONVEYOR ASSEMBLY (091-21104-ASSY)

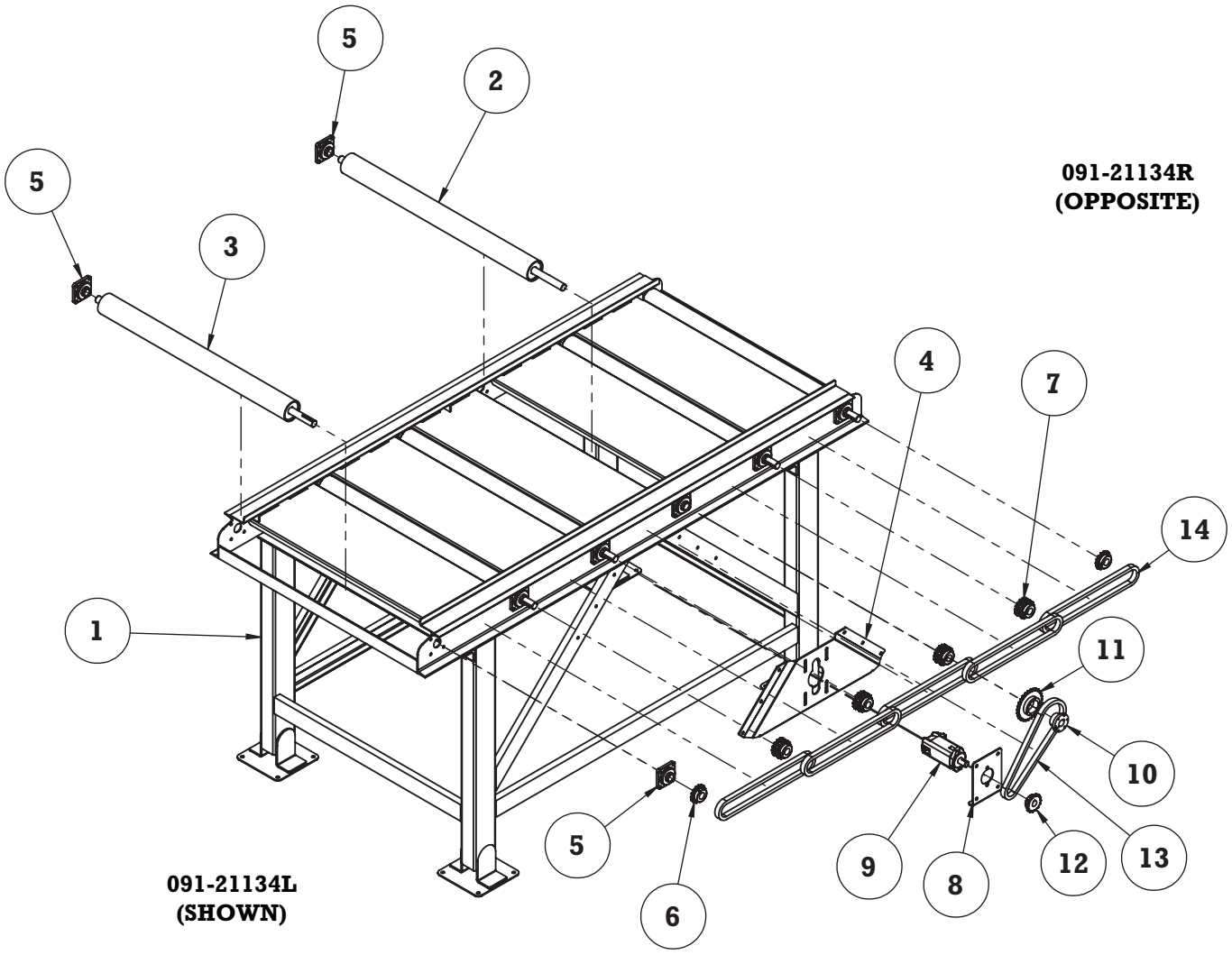


RHS SYSTEM SHOWN 091-21104R-ASSY
(LHS SYSTEM OPPOSITE 091-21104L-ASSY)

INCOMING CONVEYOR ASSEMBLY (091-21104-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21104	30'+ 47" INCOMING CONVEYOR FRAME WELDMENT
2	32	030-00018-D	FLANGE BEARING 1-7/16
3	14	590-00036	OUTGOING CONVEYOR DRIVEN ROLLER
4	4	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	15	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-10130R	SAFETY ARM ASSEMBLY
7	2	091-20558	HYDRAULIC MOTOR SUPPORT
8	2	450-00004	HYDRAULIC MOTOR
9	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	2	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
11	2	690-00014	SPROCKET 60SK28
12	2	690-00022	QD BUSHING (SK-1-7/16)
13	2	110-00001H	ROLLER CHAIN #60 (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	1	091-21828.2	CONVEYOR HANDRAIL (FLARE)
15	1	091-21602R	INCOMING PIPE DOOR CLOSER
16	13	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
17	3	091-21829	CONVEYOR HANDRAIL (LONG)
18	2	091-00307	DRIVE ROLLER (CONVEYOR)

INCOMING 10' INTERMEDIATE CONVEYOR (120") (091-21134)



INCOMING 10' INTERMEDIATE CONVEYOR (120") (091-21134)

ITEM	LHS/QTY.	RHS/QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21133	INCOMING 10' INTERMEDIATE SECTION (120")
2	1	1	091-00307	DRIVE ROLLER (CONVEYOR)
3	5	5	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	1	1	091-20580	HYDRAULIC MOTOR ANCHOR PLATE
5	12	12	030-00018-D	FLANGE BEARING 1-7/16
6	2	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
7	4	4	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
8	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
9	1	1	450-00004	HYDRAULIC MOTOR
10	1	1	690-00022	QD BUSHING (SK-1-7/16)
11	1	1	690-00014	SPROCKET 60SK28
12	1	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
13	1	1	110-00001H	ROLLER CHAIN #60 - (4.25 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	5	5	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	4	1	091-21671	5" FOOT PAD

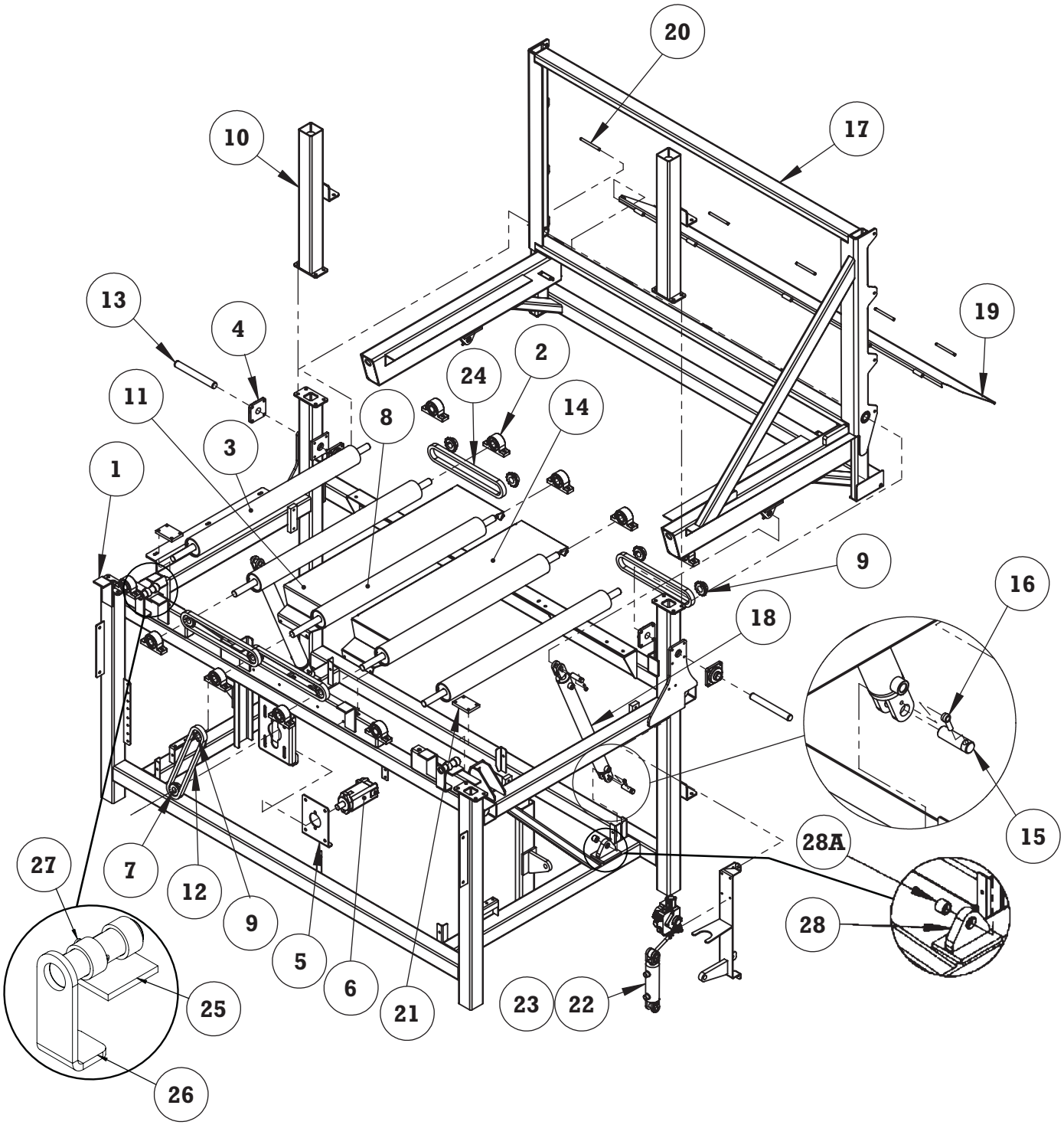
SECTION #2

DUMPER SECTION

CONTENTS

DUMPER ASSEMBLY (STD.) (091-21205) 2-2
DUMPER SLIDE ASSEMBLY (091-21246)
FOR 5 HIGH CAGE ONLY • 6 / 5 HIGH CAGE COMBINATION 2-4
DUMPER SLIDE ASSEMBLY (091-21246 RS) OR (091-21246 RR)
FOR 4 HIGH CAGE ONLY 2-6
HYDRAULIC SLIDES FOR 60° CRADLE (091-21248) 2-8
LEFT HAND SIDE DUMPER (091-21201L) 2-10

DUMPER ASSEMBLY (STD.) (091-21205)

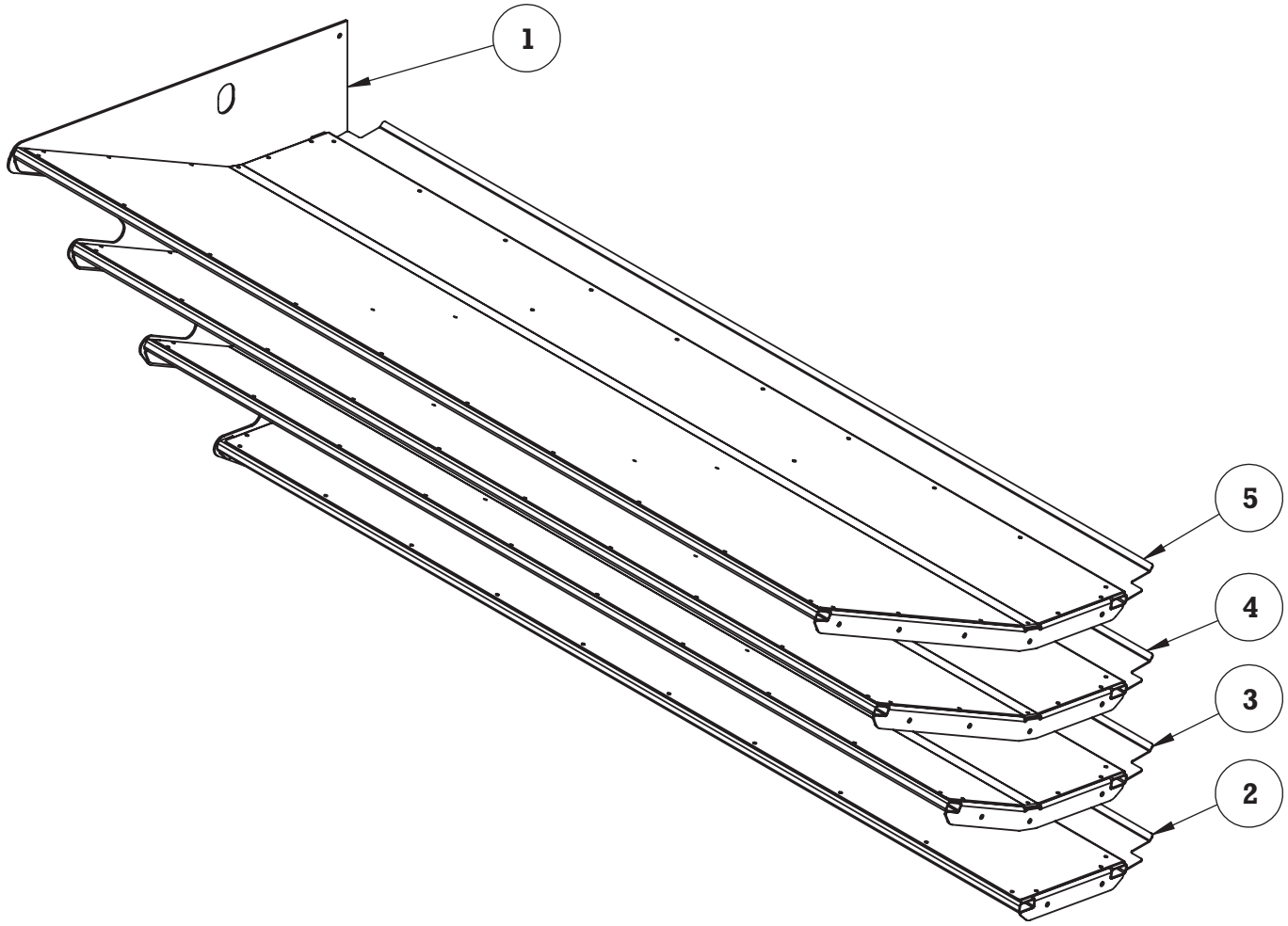


LEFT HAND SYSTEM SHOWN

DUMPER ASSEMBLY (STD.) (091-21205)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21217SL	LEFT HAND SIDE MAIN FRAME WELDMENT (STD.)
	1	091-21217SR	RIGHT HAND SIDE MAIN FRAME
2	10	030-00021-D	PILLOW BLOCK 1-7/16"
3	4	091-21262	DRIVEN ROLLER (DUMPER)
4	4	030-00018-D	FLANGE BEARING 1-7/16"
5	1	091-20558	HYDRAULIC MOTOR SUPPORT
6	1	450-00004	HYDRAULIC MOTOR
7	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
8	1	091-21263	DUMPER DRIVE ROLLER
9	9	690-00004	SPROCKET 60BS13 1-7/16" BORE
10	2	091-21222	TUBING EXTENSION WELDMENT
11	1	091-24417	DUMPER LAY-IN LONG
12	3	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	3	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
13	2	670-00018	DUMP HINGE PIN
14	1	091-24416	DUMPER LAY-IN SHORT
15	4	098-01483	CYLINDER PIN
16	4	098-01482	ROD END 3/8"
17	1	091-21220L	CRADLE WELDMENT (LEFT HAND SIDE SYSTEM)
	1	091-21220R	CRADLE WELDMENT (RIGHT HAND SIDE SYSTEM)
18	2	091-20085D	60° CRADLE TILT CYLINDER
	1	630-00021	SEAL KIT FOR CYLINDER #091-20085 D OR W
19	1	091-21237	HINGED SLIDE
20	5	091-20203	HINGE PIN
21	2	091-20248	CRADLE BUMPER
22	1	091-00451L	ANTISHAKE VALVE BRACKET (LEFT HAND SIDE SYSTEM)
	1	091-00451R	ANTISHAKE VALVE BRACKET (RIGHT HAND SIDE SYSTEM)
23	1	091-23121	ANTISHAKE SYSTEM (SEE SECTION 10-22 FOR DETAILS)
24	2	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
25	1	091-21807	CRADLE LOCK BASE WELDMENT
26	1	091-21808	CRADLE LOCK PIN WELDMENT
27	1	REF	ROLL PIN
28	—	091-21221	CYLINDER ANCHOR WELDMENT (60°) (INCLUDES ITEM 24A)
28A	—	091-20066	BUSHING

DUMPER SLIDE ASSEMBLY (091-21246)
FOR 5 HIGH CAGE ONLY • 6 / 5 HIGH CAGE COMBINATION

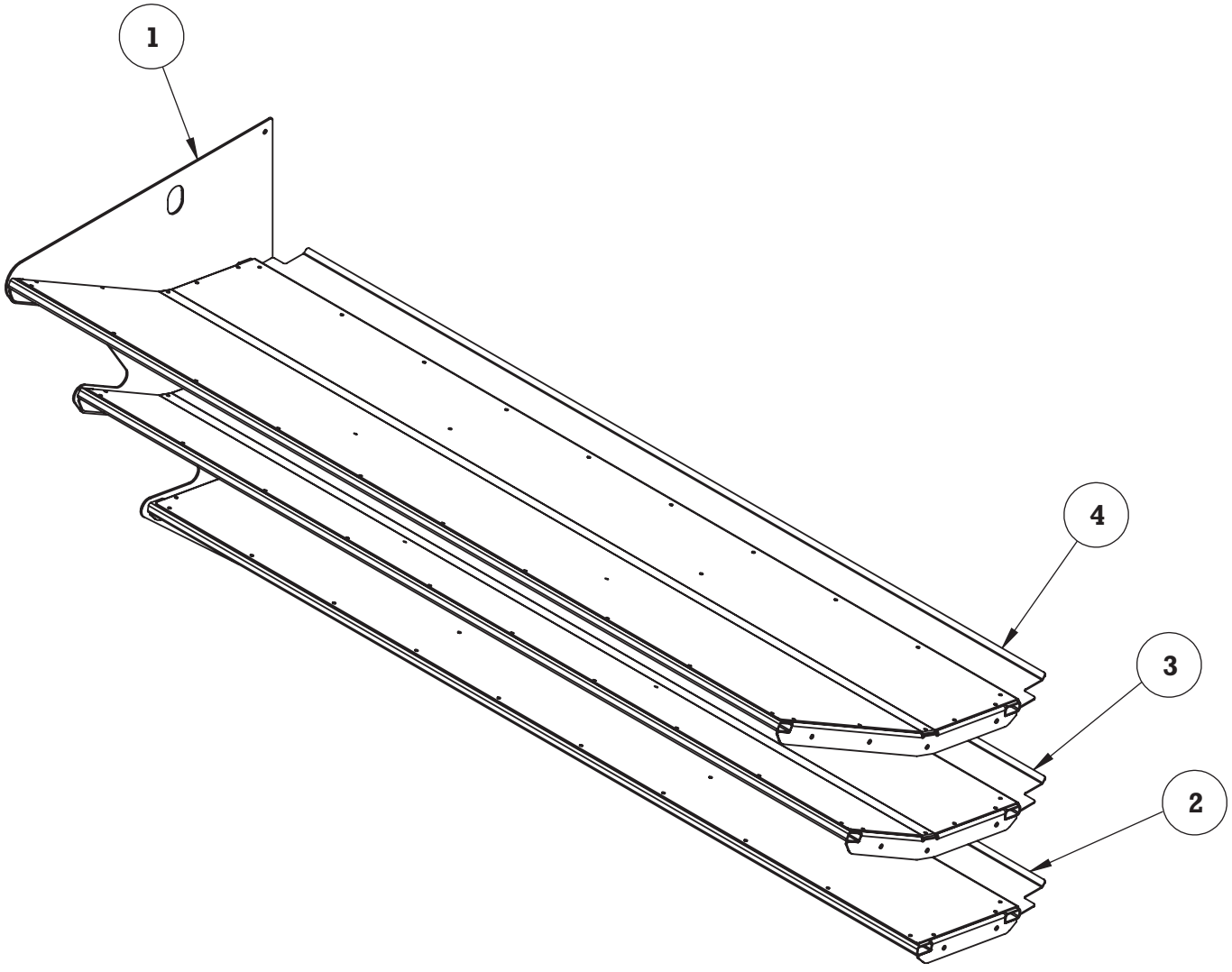


DUMPER SLIDE ASSEMBLY (091-21246)

FOR 5 HIGH CAGE ONLY • 6 / 5 HIGH CAGE COMBINATION

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	091-20096	SLIDE SIDE PLATE
2	1	091-21231	SLIDE # 1
3	1	091-21232	SLIDE # 2
4	1	091-21233	SLIDE # 3
5	1	091-21234	SLIDE # 4
	1	091-21246	COMPLETE SLIDE ASSEMBLY FOR 5 HIGH CAGE

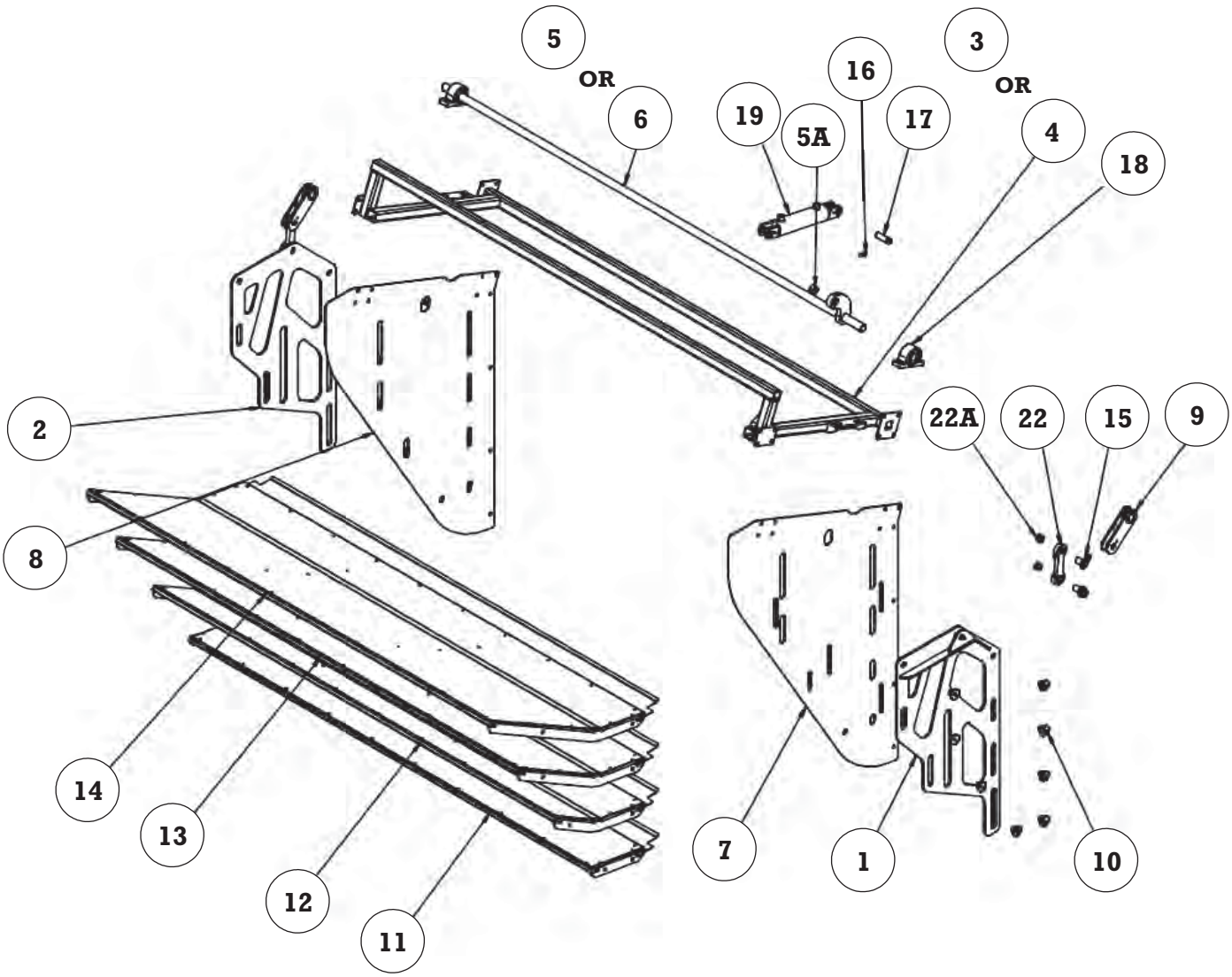
DUMPER SLIDE ASSEMBLY (091-21246 RS) OR (091-21246 RR)
FOR 4 HIGH CAGE ONLY



DUMPER SLIDE ASSEMBLY (091-21246 RS) OR (091-21246 RR)
FOR 4 HIGH CAGE ONLY

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	091-00441	SIDE PLATE FOR 4 HIGH STANDARD DOOR
	2	091-00442	SIDE PLATE FOR 4 HIGH ROASTER DOOR
2	1	091-21231	SLIDE #1
3	1	091-21232	SLIDE #2
4	1	091-21233	SLIDE #3
	1	091-21246RS	COMPLETE SLIDE ASSEMBLY FOR 4 HIGH CAGE STANDARD DOOR
	1	091-21246RR	COMPLETE SLIDE ASSEMBLY FOR 4 HIGH CAGE ROASTER DOOR

HYDRAULIC SLIDES FOR 60° CRADLE (091-21248)

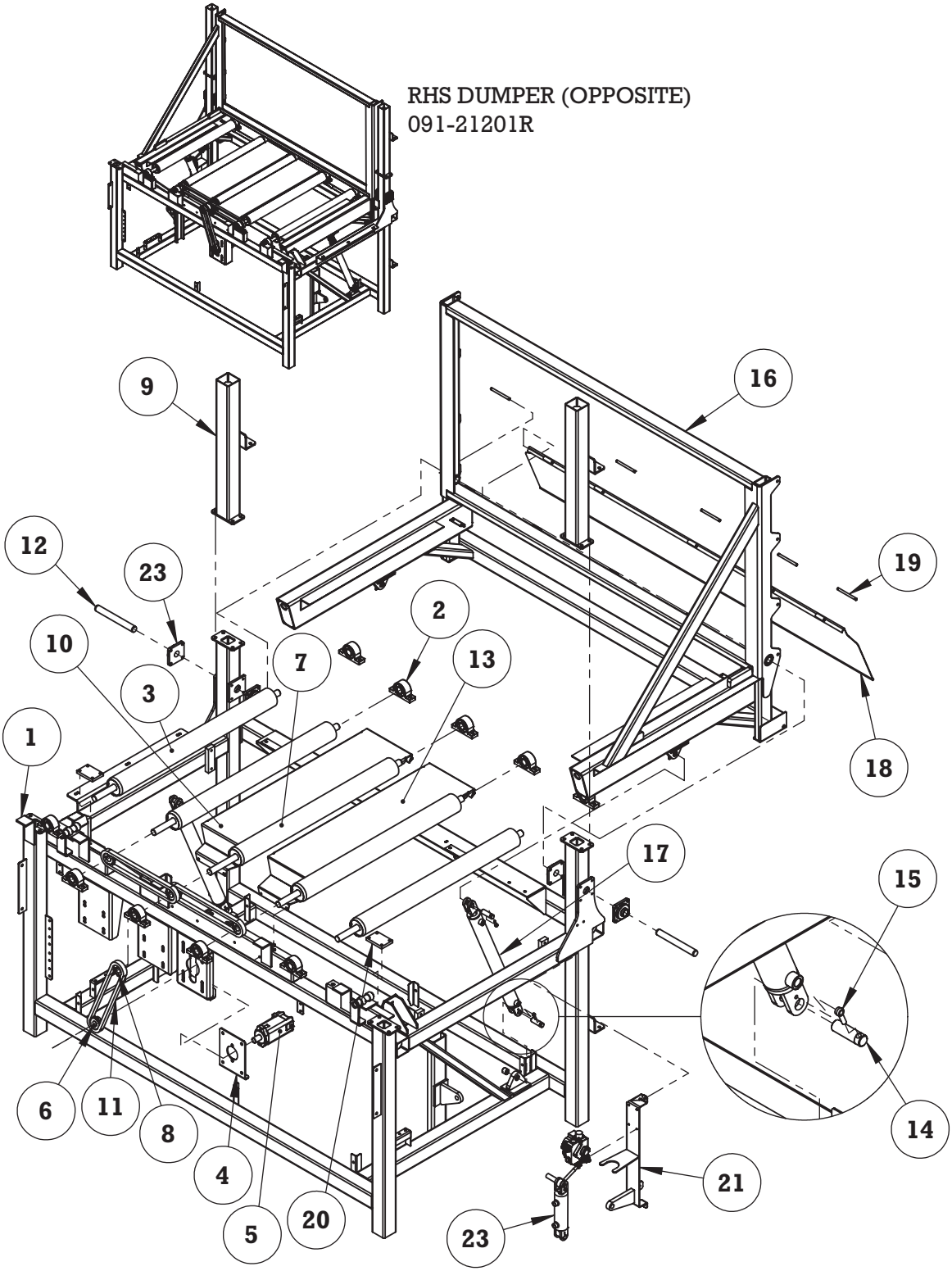


RIGHT HAND SYSTEM SHOWN

HYDRAULIC SLIDES FOR 60° CRADLE (091-21248)

ITEM	QTY. RHS	QTY. LHS	PART NUMBER	DESCRIPTION
1	1	1	091-21248-SUB-01S	LIFT FRAME FOR HYDRAULIC SLIDES (4 HIGH CAGE WITH ROASTER DOORS)
2	1	1	091-21248-SUB-01P	LIFT FRAME FOR HYDRAULIC SLIDE (4 HIGH CAGE WITH ROASTER DOORS)
	1	1	091-21254S	LIFT FRAME FOR HYDRAULIC SLIDES (4 HIGH CAGE WITH STANDARD DOORS)
	1	1	091-21254P	LIFT FRAME FOR HYDRAULIC SLIDES (4 HIGH CAGE WITH STANDARD DOORS)
3	1	1	091-21248-SUB-02L	HYDRAULIC SLIDE LIFT TOP FRAME
4	1	1	091-21248-SUB-02R	HYDRAULIC SLIDE LIFT TOP FRAME
5	—	1	091-21248-SUB-03L	HYDRAULIC SLIDE LIFT CRANK SHAFT (INCLUDE 4A)
5A	REF	REF	091-20066	SPRING BUSHING WITH ID GROOVE
6	1	—	091-21248-SUB-03R	HYDRAULIC SLIDE LIFT CRANK SHAFT (INCLUDE 5A)
6A	REF	REF	091-20066	SPRING BUSHING WITH ID GROOVE
7	1	1	091-21248-SUB-04S	WING FOR HYDRAULIC SLIDES FOR 60° CRADLE DUMP
8	1	1	091-21248-SUB-04P	WING FOR HYDRAULIC SLIDES FOR 60° CRADLE DUMP
9	2	2	091-21248-SUB-05	CRANK FOR HYDRAULIC SLIDE LIFT
10	16	16	091-21248-20	SPACER 1" X 7/8 LG WITH WASHER
11	1	1	091-21249	SLIDE #1 (BOTTOM)
12	1	1	091-21250	SLIDE #2
13	1	1	091-21251	SLIDE #3
14	1	1	091-21252	SLIDE #4 (TOP)
15	4	4	091-21253	1 X 1-5/8 LG PIN
16	2	2	098-01482	ROD END 3/8
17	2	2	098-01483	STEER CYLINDER PIN
18	2	2	030-00021-D	PILLOW BLOCK 1-7/16
19	1	1	170-00002	DOOR CLOSER LIFT CYLINDER
20	1	1	091-00650	CONTROL BOX ASSEMBLY FOR HYDRAULIC. SLIDES
21	1	1	091-00653	HYDRAULIC COMPONENTS FOR HYDRAULIC SLIDES
22	2	2	097-21340	CONNECTING LINK ASSEMBLY (INCLUDE 22A)
22A	REF	REF	030-00096	SPRING BUSHING WITH ID GROOVE

LEFT HAND SIDE DUMPER (091-21201L)



LEFT HAND SYSTEM SHOWN

LEFT HAND SIDE DUMPER (091-21201L)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21213SL	LEFT HAND SIDE DUMPER FRAME - RIGHT HAND SIDE WASHER BOTTOM (STD)
	1	091-21213SR	RIGHT HAND SIDE DUMPER FRAME - RIGHT HAND SIDE WASHER BOTTOM (STD)
2	10	030-00021-D	PILLOW BLOCK 1-7/16
3	4	091-00309	DRIVEN ROLLER (DUMPER)
4	1	091-20558	HYDRAULIC MOTOR SUPPORT
5	1	450-00004	HYDRAULIC MOTOR
6	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
7	1	091-00304	DUMPER DRIVE ROLLER
8	5	690-00004	SPROCKET 60BS13 1-7/16" BORE
9	2	091-21222	TUBING EXTENSION WELDMENT
10	1	091-20531	DUMPER LAY-IN LONG
11	3	110-00001H	ROLLER CHAIN #60 X 4.5 FT LONG
	3	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	2	670-00018	DUMP HINGE PIN
13	1	091-20530	DUMPER LAY-IN SHORT
14	4	098-01483	STEER CYLINDER PIN
15	4	098-01482	ROD END 3/8
16	1	091-21220L	CRADLE WELDMENT (LEFT HAND SIDE SYSTEM)
	1	091-21220R	CRADLE WELDMENT (RIGHT HAND SIDE SYSTEM)
17	2	091-20085D	60° CRADLE TILT CYLINDER
	1	630-00021	SEAL KIT FOR CYLINDER #091-20085 D OR W
18	1	091-21237	HINGED SLIDE (BOTTOM)
19	5	091-20203	BOTTOM SLIDE HINGE PIN
20	2	091-20248	CRADLE BUMPER
21	1	091-00451L	ANTI-SHAKE VALVE BRACKET ASSEMBLY (LEFT HAND SIDE SYSTEM)
	1	091-00451R	ANTI-SHAKE VALVE BRACKET ASSEMBLY (RIGHT HAND SIDE SYSTEM)
22	1	091-23121	ANTI-SHAKE VALVE ASSEMBLY
23	4	030-00018-D	FLANGE BEARING 1-7/16

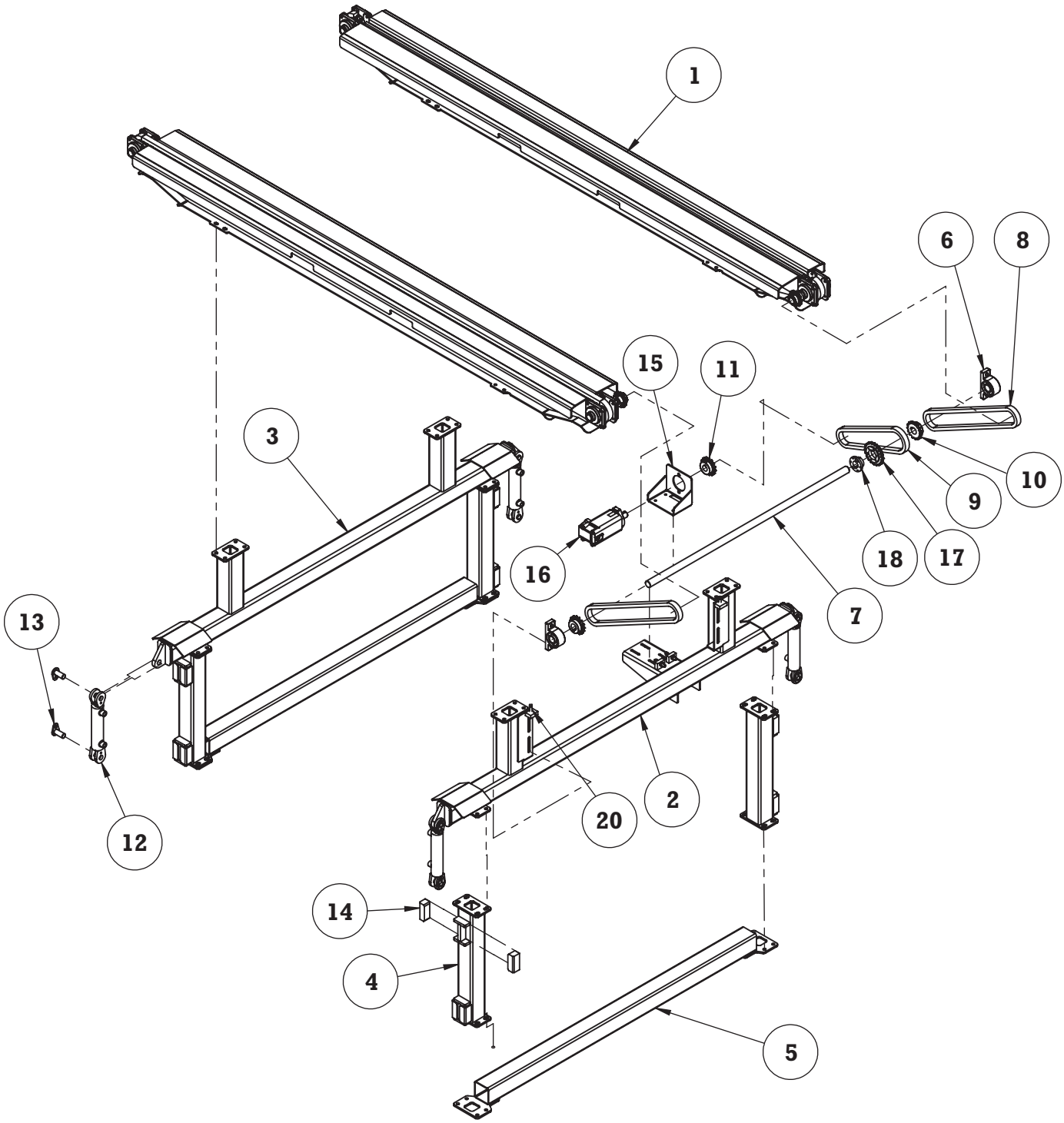
SECTION #3

LIFTING TRANSFER CHAINS

CONTENTS

LIFTING TRANSFER CHAIN ASSEMBLY (091-21405).....3-2
TRANSFER CHAIN ASSEMBLY (091-21401).....3-4
TRANSFER CHAIN & LIFT ASSEMBLY (NARROW MACHINE) (091-21405-01).....3-6
TRANSFER CHAIN ASSEMBLY (NARROW MACHINE) (091-21401-01).....3-8

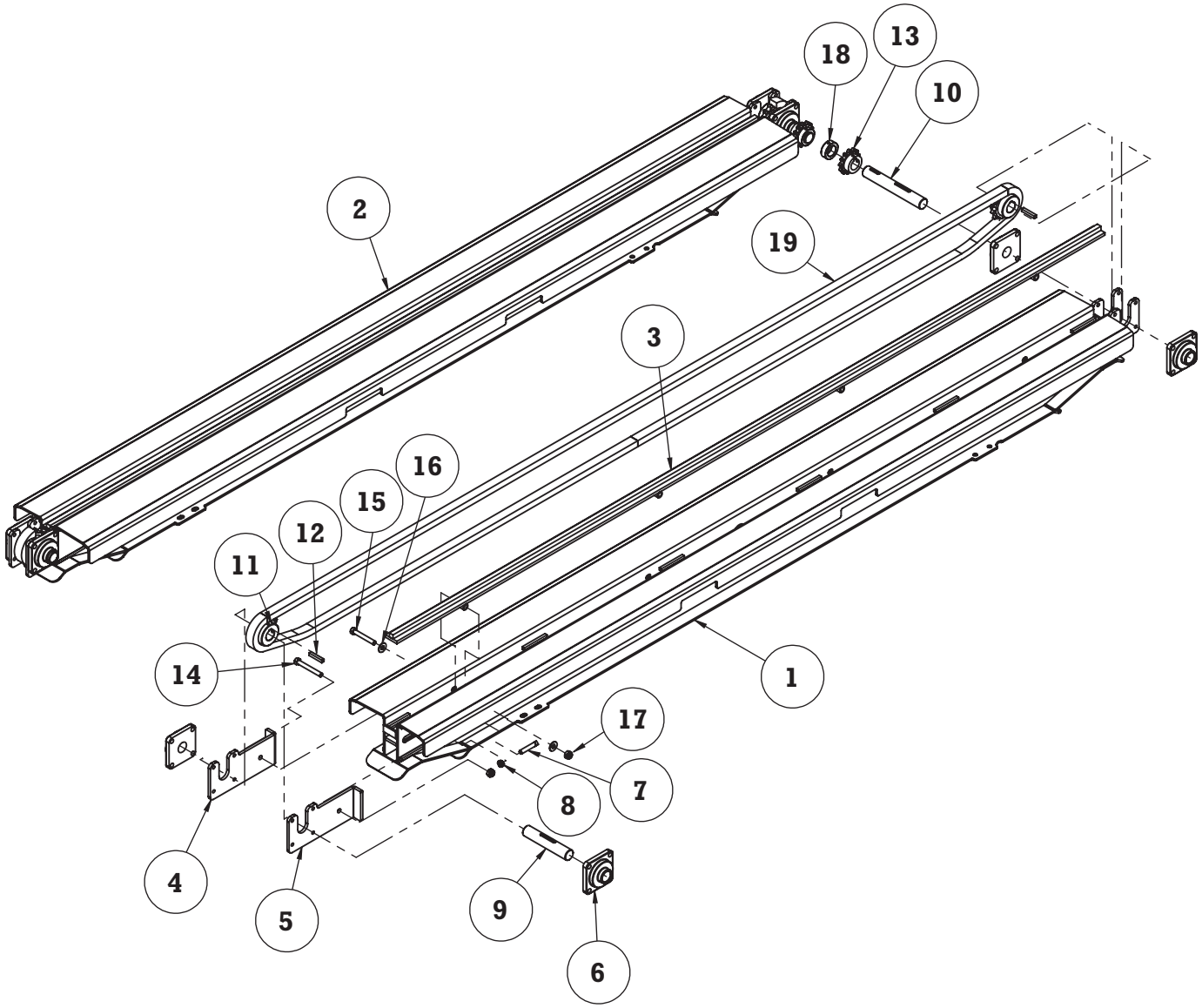
LIFTING TRANSFER CHAIN ASSEMBLY (091-21405)



LIFTING TRANSFER CHAIN ASSEMBLY (091-21405)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21401	TRANSFER CHAIN ASSEMBLY
2	1	091-21429D	TRANSFER CHAIN LIFT TOP SUB WITH DRIVE
3	1	091-21429	TRANSFER CHAIN LIFT TOP SUB ASSEMBLY
4	4	091-21430	TRANSFER CHAIN LIFT SIDE SUB ASSEMBLY
5	2	091-21431A	TRANSFER CHAIN LIFT BOTTOM SUB ASSEMBLY
6	2	030-00021-D	PILLOW BLOCK 1-7/16"
7	1	670-00065	TRANSFER CHAIN COUNTER SHAFT
8	2	110-00001H	ROLLER CHAIN #60 (5FT. LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	100-00003H	HALF LINK FOR #60 CHAIN
9	1	110-00001H	ROLLER CHAIN #60 (4FT. LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	100-00003H	HALF LINK FOR #60 CHAIN
10	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
11	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
12	4	091-20418	LIFT CYLINDER
13	8	097-21514	1"X2-1/4" LG PIN WELDMENT
14	16	091-20416	T-BLOCK LIFT
15	1	091-20559	HYDRAULIC MOTOR SUPPORT
16	1	450-00004	HYDRAULIC MOTOR
17	1	690-00006	SPROCKET 60SDS20
18	1	690-00021	SDS BUSHING 1-7/16" BORE
19	4	210-00160	1/2" HEX JAM NUT
20	4	210-00251S	1/2" X 3" SQUARE HEAD S.S.

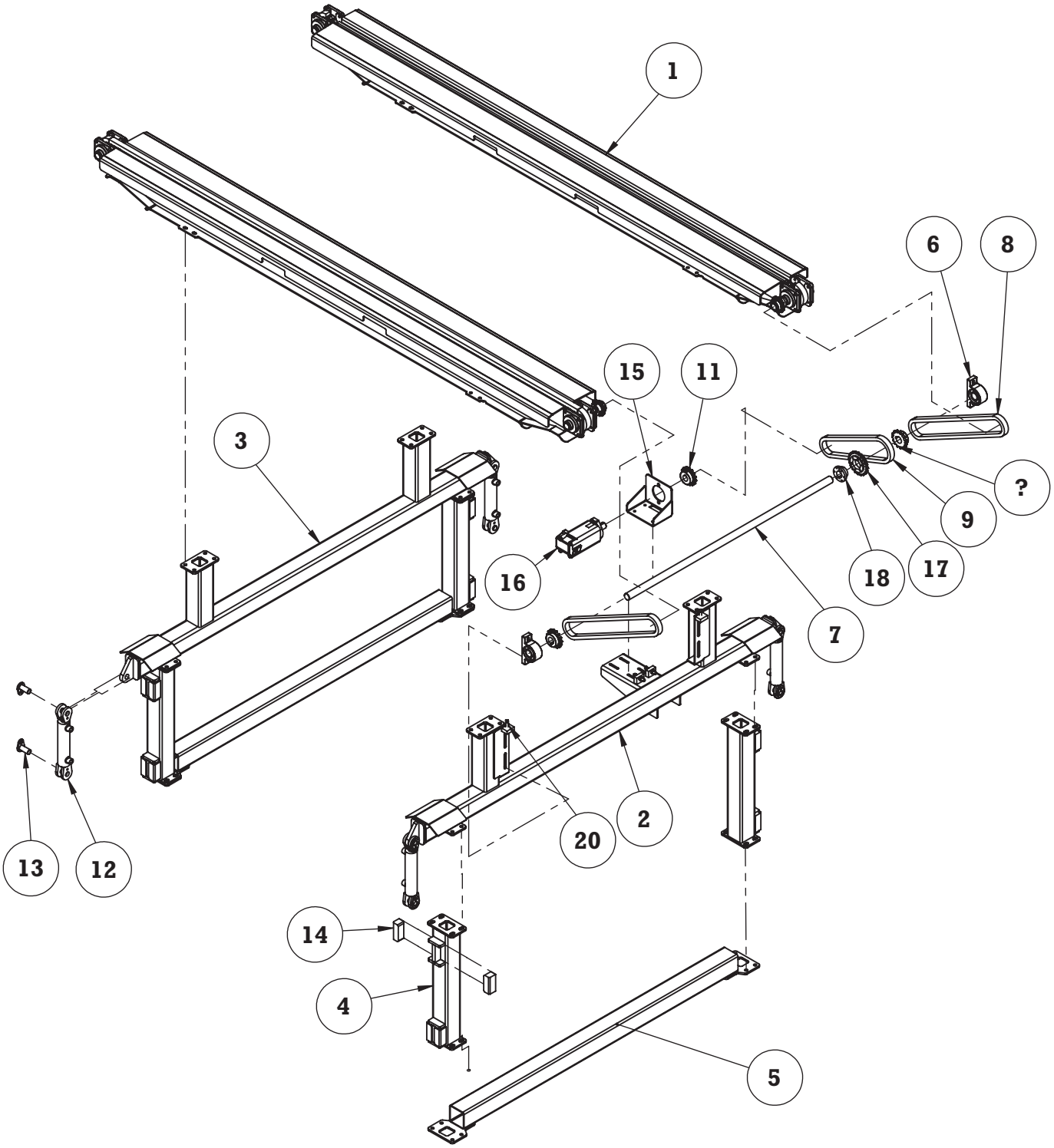
TRANSFER CHAIN ASSEMBLY (091-21401)



TRANSFER CHAIN ASSEMBLY (091-21401)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21412R	TRANSFER CHAIN WELDMENT (RIGHT HAND)
2	1	091-21412L	TRANSFER CHAIN WELDMENT (LEFT HAND)
3	2	091-21413	TRANSFER CHAIN GUIDE RAIL
4	2	091-20243L	TAKE-UP PLATE (LEFT HAND)
5	2	091-20243R	TAKE-UP PLATE (RIGHT HAND)
6	8	030-00018-D	FLANGE BEARING 1-7/16”
7	4	210-00231	SCREW SET SQ. HD CUP POINT 1/2”X3”
8	4	210-00160	HEX JAM NUT NC 1/2”
9	2	670-00025	TRANSFER CHAIN IDLER SHAFT
10	2	670-00064	TRANSFER CHAIN DRIVE SHAFT
11	4	690-00069	SPROCKET 13 TEETH WITH 1-7/16” BORE
12	4	091-20244	3/8” KEY X 2-1/4” LG
13	2	690-00004	SPROCKET 60BS 13 1-7/16” BORE
14	2	210-00039	SCREW CAP HEX HD NC GR 8 1/2” X 4”
15	8	210-00030	SCREW CAP HEX HD NC GR 8 1/2”X3-1/2”
16	16	210-00282	FLATWASHER 1/2”
17	18	210-00203	NUT ESNA 1/2”
18	2	370-00004	SET COLLAR 1-7/16” SHAFT
19	2	110-00063	HEAVY DUTY CONVEYOR CHAIN (80H RIV) (25 FT LONG)
20	2	110-00064	CONNECTING LINK

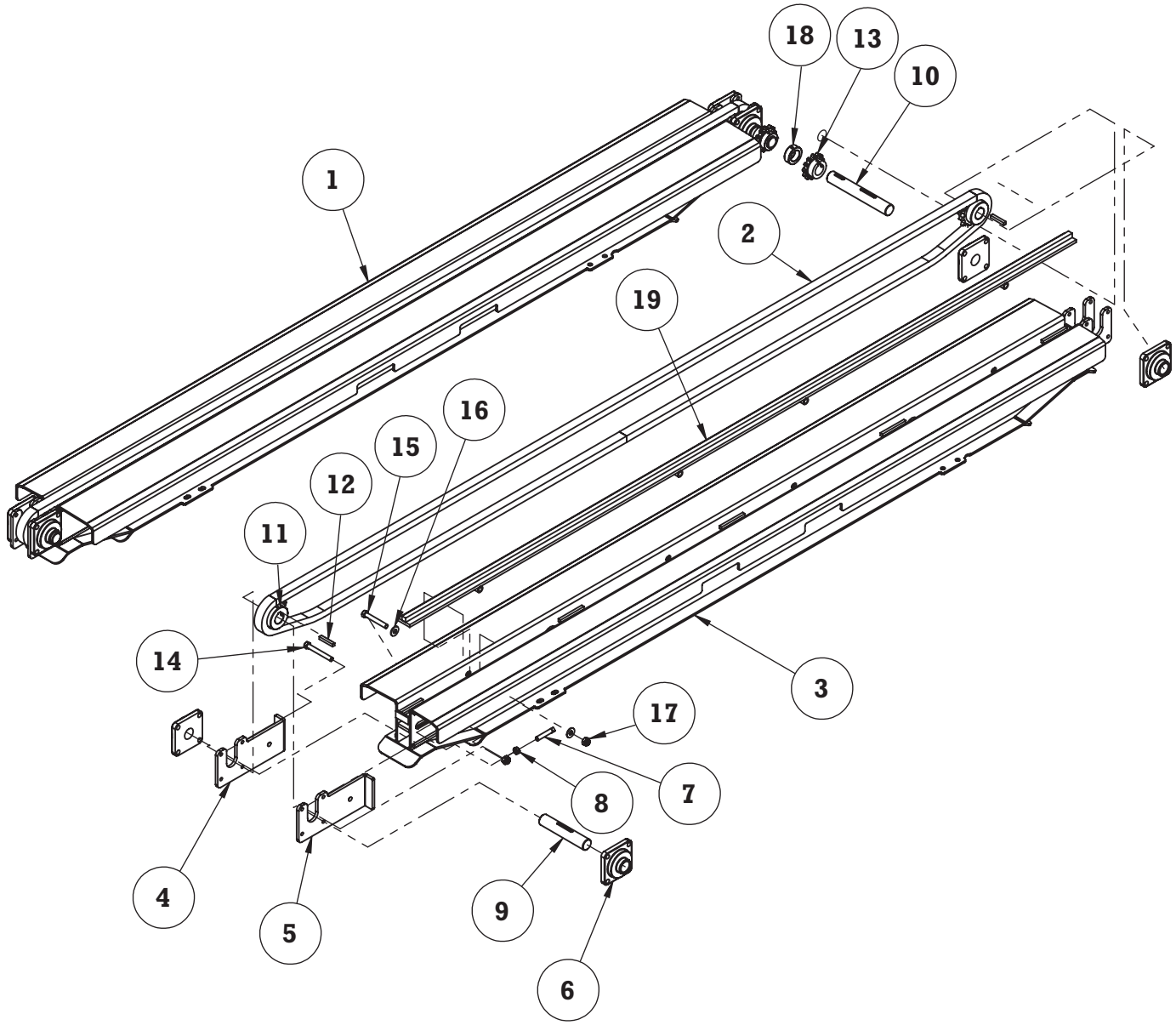
TRANSFER CHAIN & LIFT ASSEMBLY (NARROW MACHINE) (091-21405-01)



TRANSFER CHAIN & LIFT ASSEMBLY (NARROW MACHINE) (091-21405-01)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21401-01	TRANSFER CHAIN ASSEMBLY NARROW MACHINE
2	1	091-21429D	TRANSFER CHAIN LIFT TOP SUB WITH DRIVE
3	1	091-21429	TRANSFER CHAIN LIFT TOP SUB ASSEMBLY
4	4	091-21430	TRANSFER CHAIN LIFT SIDE SUB ASSEMBLY
5	2	091-21431A	TRANSFER CHAIN LIFT BOTTOM SUB ASSEMBLY
6	2	030-00021-D	PILLOW BLOCK 1-7/16”
7	1	670-00065	X-OVER CHAIN COUNTER SHAFT
8	2	110-00001H	ROLLER CHAIN #60 (5 FT. LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	100-00003H	HALF LINK FOR #60 CHAIN
9	1	110-00001H	ROLLER CHAIN #60
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	100-00003H	HALF LINK FOR #60 CHAIN
10	2	690-00005	SPROCKET 60BS15 1-7/16” BORE
11	1	690-00044	SPROCKET 60BS15 1-1/4” BORE
12	4	091-20418	LIFT CYLINDER
13	8	097-21514	1 X 2-1/4 LG PIN WELDMENT
14	16	091-20416	T-BLOCK LIFT
15	1	091-20559	HYDRAULIC MOTOR SUPPORT
16	1	450-00004	HYDRAULIC MOTOR
17	1	690-00006	SPROCKET 60SDS20
18	1	690-00021	QD BUSHING (SDS 1-7/16)
19	4	210-00160	HEX JAM NUT NC (1/2)
20	4	210-00251S	SCREW SET SQ HD CUP POINT

TRANSFER CHAIN ASSEMBLY (NARROW MACHINE) (091-21401-01)



TRANSFER CHAIN ASSEMBLY (NARROW MACHINE) (091-21401-01)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21412-01L	TRANSFER CHAIN WELDMENT NARROW MACHINE
2	2	110-00063	HEAVY DUTY CONVEYOR CHAIN (80H) (23FT LG)
3	1	091-21412-01L	TRANSFER CHAIN WELDMENT NARROW MACHINE LEFT
	1	091-21412-01R	TRANSFER CHAIN WELDMENT NARROW MACHINE RIGHT
4	2	091-20243L	TAKE-UP PLATE
5	2	091-20243R	TAKE-UP PLATE
6	8	030-00018-D	FLANGE BEARING 1-7/16”
7	4	210-00231	SCREW SET SQ HD CUP POINT 1/2” X 2-1/2”
8	4	210-00160	HEX JAM NUT NC (1/2”) 1/2”
9	2	670-00025	X-OVER CHAIN IDLER SHAFT
10	2	670-00064	TRANSFER CHAIN DRIVE SHAFT
11	4	690-00069	SPROCKET 13 TEETH WITH 1-7/16” BORE
12	4	091-20244	3/8” KEY X 2-1/4” LG
13	2	690-00004	SPROCKET 60BS13 1-7/16” BORE
14	2	210-00039	SCREW CAP HEX HD NC GR 8 1/2” X 4”
15	8	210-00030	SCREW CAP HEX HD NC GR 8 1/2” X 3-1/2”
16	16	210-00282	FLATWASHER 1/2”
17	18	210-00203	NUT ESNA 1/2”
18	2	370-00004	SET COLLAR 1-7/16” ZINC PLATED
19	2	091-21413-01	TRANSFER CHAIN GUIDE RAIL (NARROW MACHINE)
20	1	110-00064	CONNECTING LINK

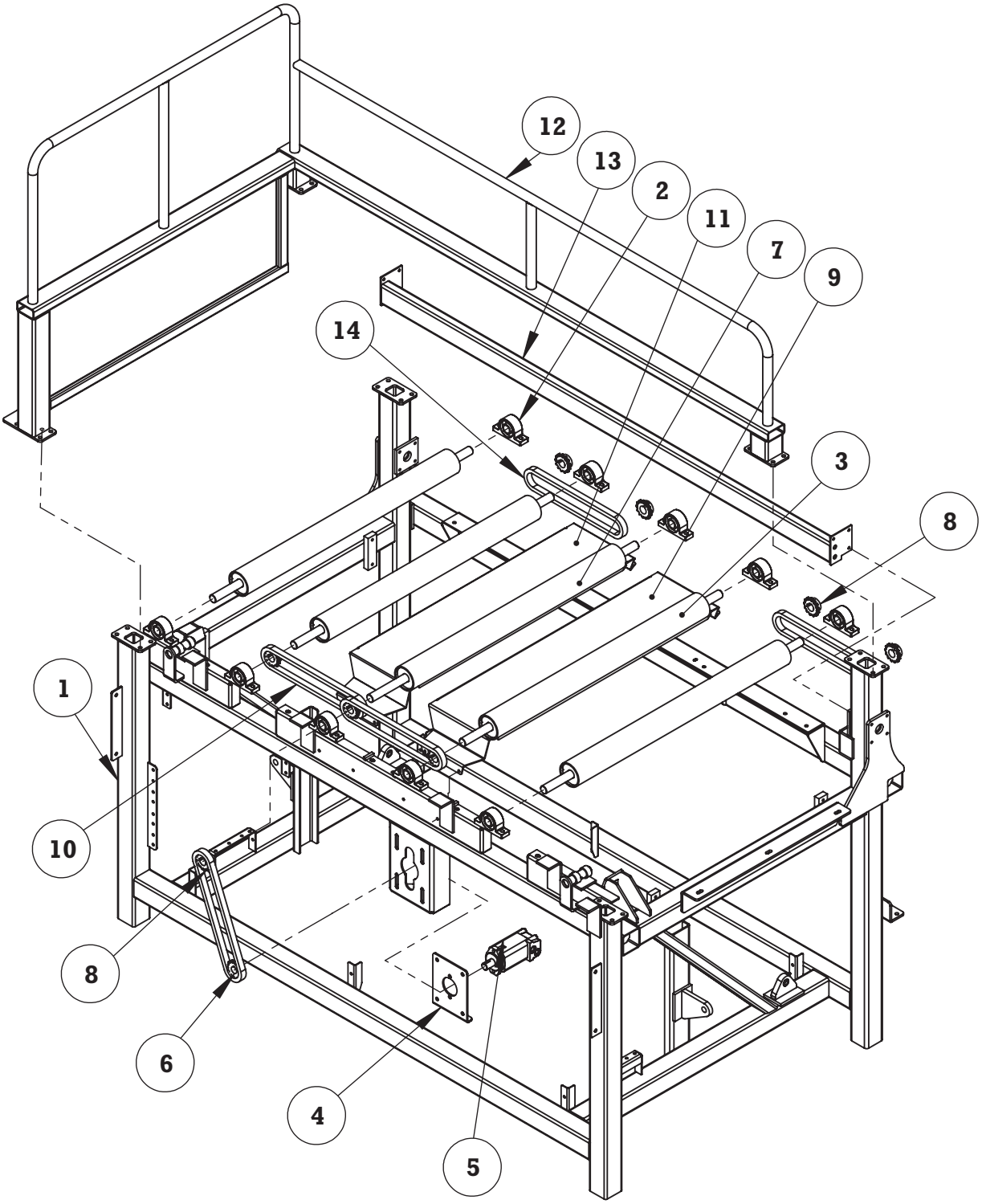
SECTION #4

WASHER BOTTOM/WASHER ASSEMBLIES

CONTENTS

FIRST OUTGOING CONVEYOR (091-21518A) 4-2
WASHER ASSEMBLY (091-21519) 4-4
WASHER BOTTOM ASSEMBLY FOR WASHER (091-21518B) 4-6
WASHER TOP ASSEMBLY (091-21502) 4-8
WASHER CARRIAGE ASSEMBLY (010-00100) 4-10
SPRAY PIPE WITH NOZZLES (091-21517) 4-12
CAGE WASHER PUMPING UNIT (091-21505A) 4-14

FIRST OUTGOING CONVEYOR (091-21518A)
(WASHER BOTTOM WITHOUT WASHER)

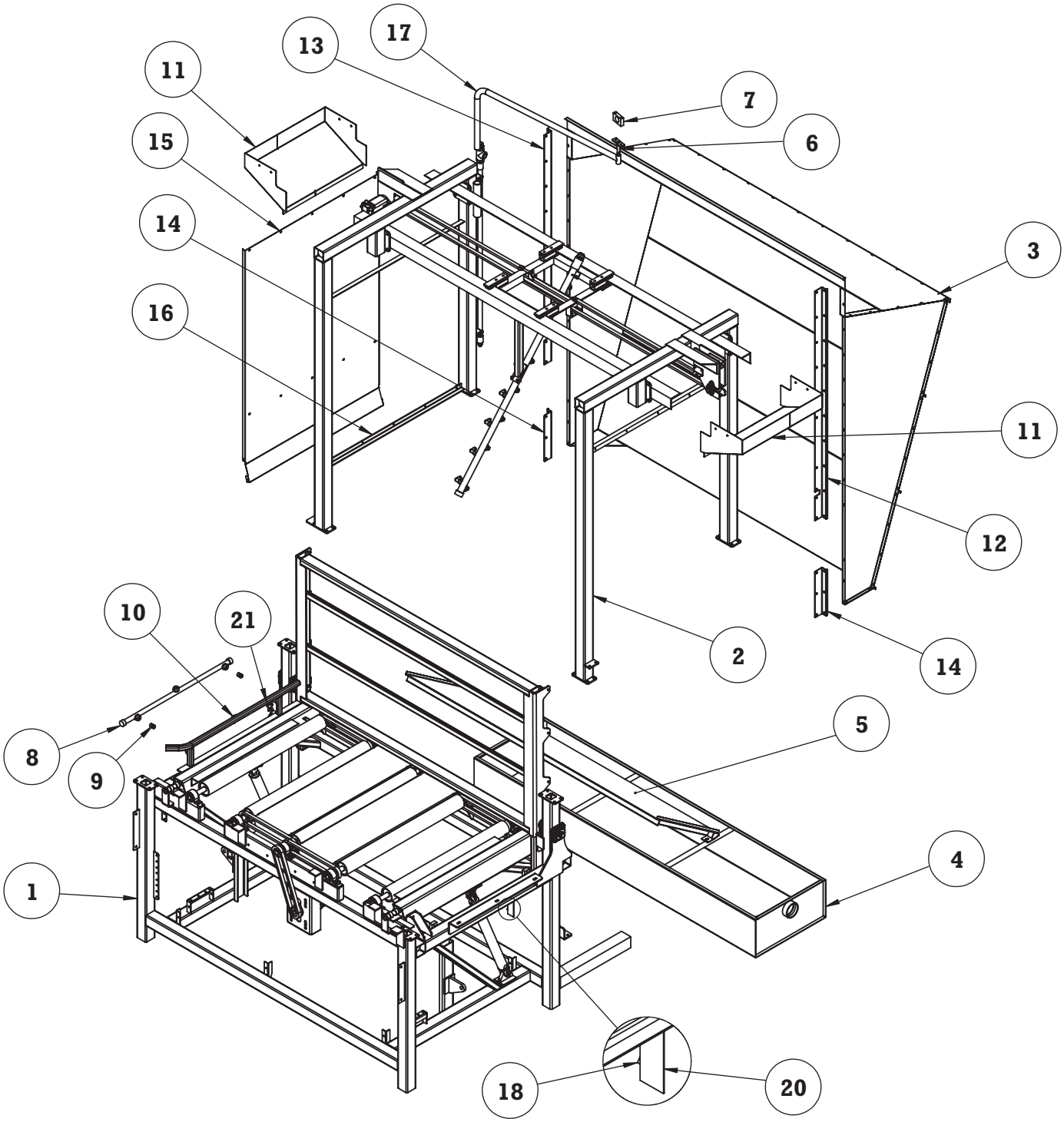


LEFT HAND SYSTEM SHOWN

FIRST OUTGOING CONVEYOR (091-21518A) (WASHER BOTTOM WITHOUT WASHER)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21217SL	RIGHT SIDE MAIN FRAME (STD)
	1	091-21217SR	LEFT SIDE MAIN FRAME (STD)
2	10	030-00021-D	PILLOW BLOCK 1-7/16"
3	4	091-21262	DRIVEN ROLLER (DUMPER)
4	1	091-20558	HYDRAULIC MOTOR SUPPORT
5	1	450-00004	HYDRAULIC MOTOR
6	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
7	1	091-21263	DUMPER DRIVE ROLLER
8	9	690-00004	SPROCKET 60BS13 1-7/16" BORE
9	1	091-24417	DUMPER LAY-IN LONG
10	3	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	3	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	091-24416	DUMPER LAY-IN SHORT
12	1	091-21826L	WASHER SIDE HANDRAIL ASSEMBLY (LEFT HAND SIDE SYSTEM)
	1	091-21826R	WASHER SIDE HANDRAIL ASSEMBLY (RIGHT HAND SIDE SYSTEM)
	1	091-00752L	WASHER SIDE HANDRAIL ASSEMBLY (LEFT HAND SIDE SYSTEM) (NARROW MACHINE)
	1	091-00752R	WASHER SIDE HANDRAIL ASSEMBLY (RIGHT HAND SIDE SYSTEM) (NARROW MACHINE)
13	1	091-21848	WASHER BOTTOM SIDE TOE BOARD WELDMENT
14	2	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN

WASHER ASSEMBLY (091-21519)

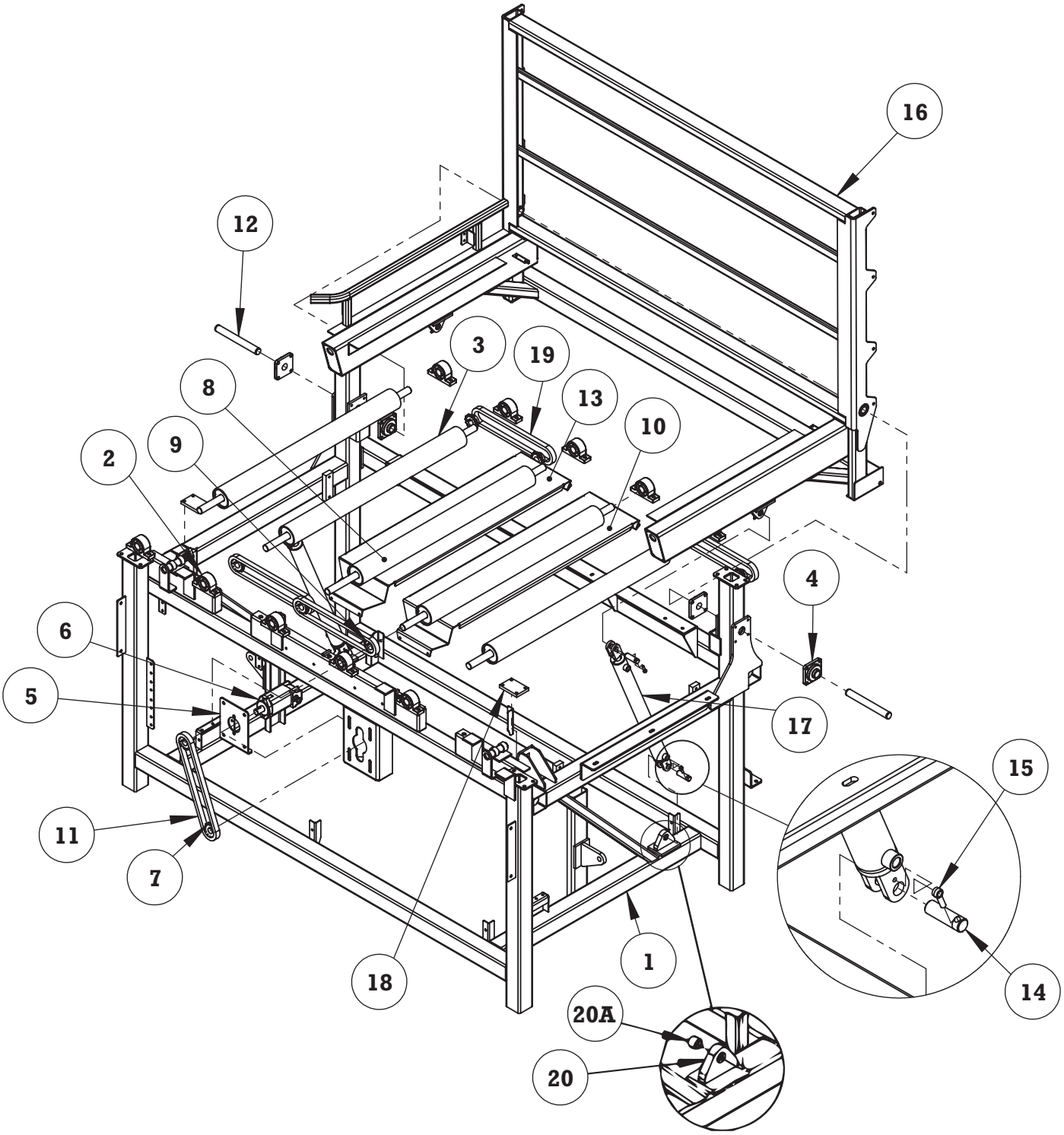


LEFT HAND SYSTEM SHOWN

WASHER ASSEMBLY (091-21519)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21518BL	LEFT HAND SIDE SYSTEM (AS SHOWN) WASHER BOTTOM ASSEMBLY FOR WASHER
	1	091-21518BR	RIGHT HAND SIDE SYSTEM WASHER BOTTOM ASSEMBLY FOR WASHER
2	1	091-21502L	HAND WASHER TOP ASSEMBLY (LEFT HAND SYSTEM)
	1	091-21502R	HAND WASHER TOP ASSEMBLY (RIGHT HAND SYSTEM)
3	1	010-00098S	SPLASH SHIELD ASSEMBLY
4	1	010-00099	TROUGH ASSEMBLY
5	1	010-00097S	BOTTOM WATER SHIELD ASSEMBLY
6	1	091-21512	HOSE SUPPORT SWIVEL BASE
7	1	091-20675	UHMW HOSE BRACKET — BOTH HALVES
8	1	010-00096L	FORK TUBE SPRAY PIPE (LEFT HAND SYSTEM)
	1	010-00096R	FORK TUBE SPRAY PIPE (RIGHT HAND SYSTEM)
9	2	510-00076	FULL JET NOZZLE (3/4")
10	1	330-00085	MALE ELBOW (3/4" NPT — 12JIC)
11	2	091-24745S	WASHER CARRIAGE END COVER
12	1	091-24583SH	WATER SHIELD SUPPORT-01
13	1	091-24583OP	WATER SHIELD SUPPORT-01
14	2	091-24584	WATER SHIELD SUPPORT-02
15	1	091-21513S	SIDE WALL (STN STL)
16	1	091-20674	SIDE WALL SUPPORT
17	1	010-00094	HOSE SUPPORT ASSEMBLY
18	2	091-20590	STOPPER
19	2	091-20682	TROUGH SUPPORT
20	2	091-24191	SHIELD SUPPORT ANGLE
21	2	210-00271	U-BOLT 5/16" X 1" PIPE
22	1	340-00020	WASHER CARRIAGE HOSE (NOT SHOWN)
23	1	340-00004	FORK TUBE SPRAY PIPE CONNECTION HOSE (NOT SHOWN)

WASHER BOTTOM ASSEMBLY FOR WASHER (091-21518B)

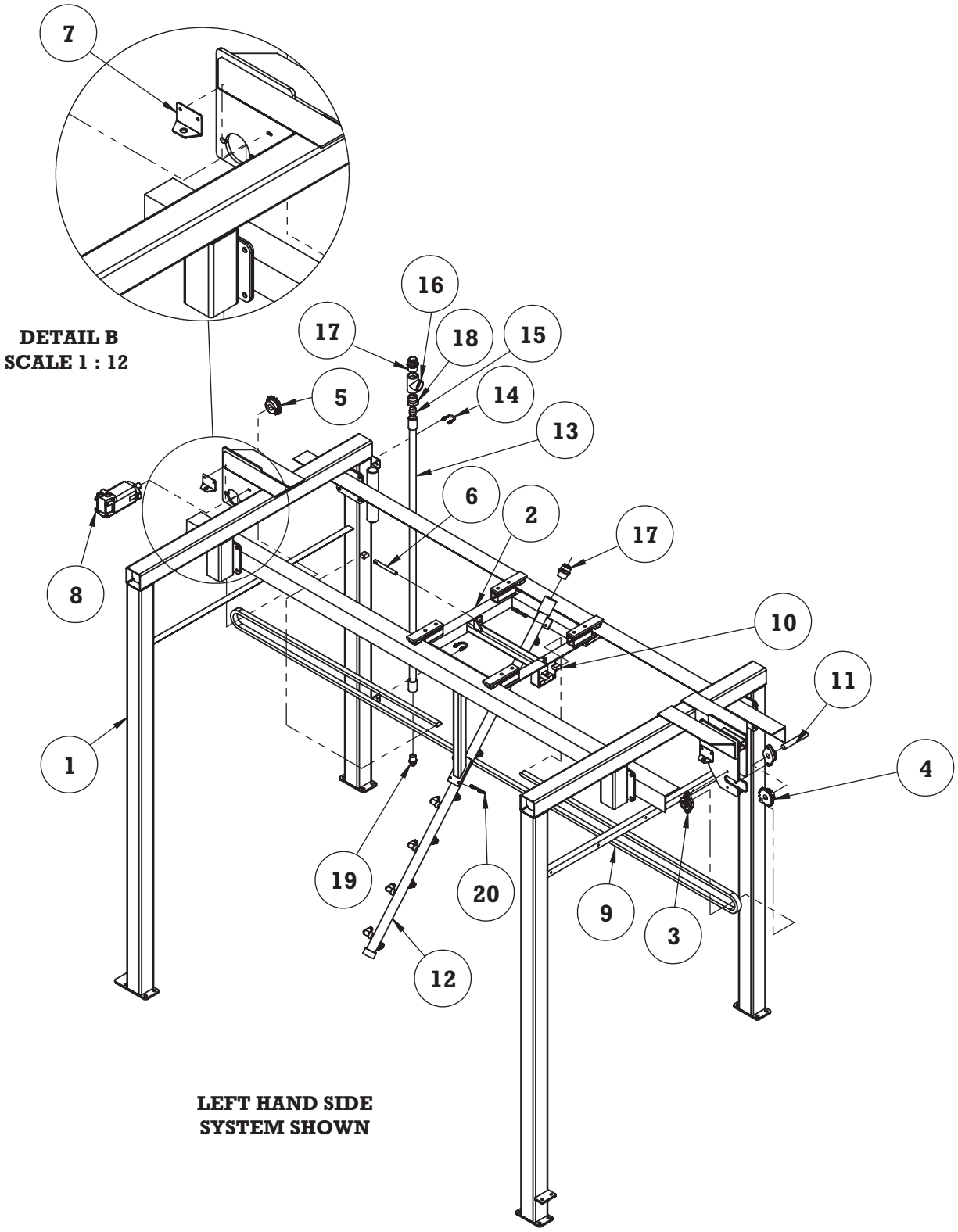


LEFT HAND SYSTEM SHOWN

WASHER BOTTOM ASSEMBLY FOR WASHER (091-21518B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21217SL	LEFT HAND SIDE MAIN FRAME
	1	091-21217SR	RIGHT HAND SIDE MAIN FRAME
2	10	030-00021-D	PILLOW BLOCK 1-7/16"
3	4	091-21262	DRIVEN ROLLER (DUMPER)
4	4	030-00018-D	FLANGE BEARING 1-7/16"
5	1	091-20558	HYDRAULIC MOTOR SUPPORT
6	1	450-00004	HYDRAULIC MOTOR
7	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
8	1	091-21263	DUMPER DRIVE ROLLER
9	9	690-00004	SPROCKET 60BS13 1-7/16" BORE
10	1	091-24417	DUMPER LAY-IN LONG
11	3	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	3	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	2	670-00018	DUMP HINGE PIN
13	1	091-24416	DUMPER LAY-IN SHORT
14	4	098-01483	CYLINDER PIN
15	4	098-01482	ROD END 3/8"
16	1	091-21514L	WASHER CRADLE WELDMENT (LEFT HAND SIDE SYSTEM)
	1	091-21514R	WASHER CRADLE WELDMENT (RIGHT HAND SIDE SYSTEM)
17	2	091-20085W	40° CRADLE TILT CYLINDER
	1	630-00021	SEAL KIT FOR CYLINDER #091-20085 D OR W
18	2	091-20248	CRADLE BUMPER
19	2	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21221	CYLINDER ANCHOR WELDMENT (INCLUDES ITEM 19A)
20A	1	091-20066	BUSHING

WASHER TOP ASSEMBLY (091-21502)

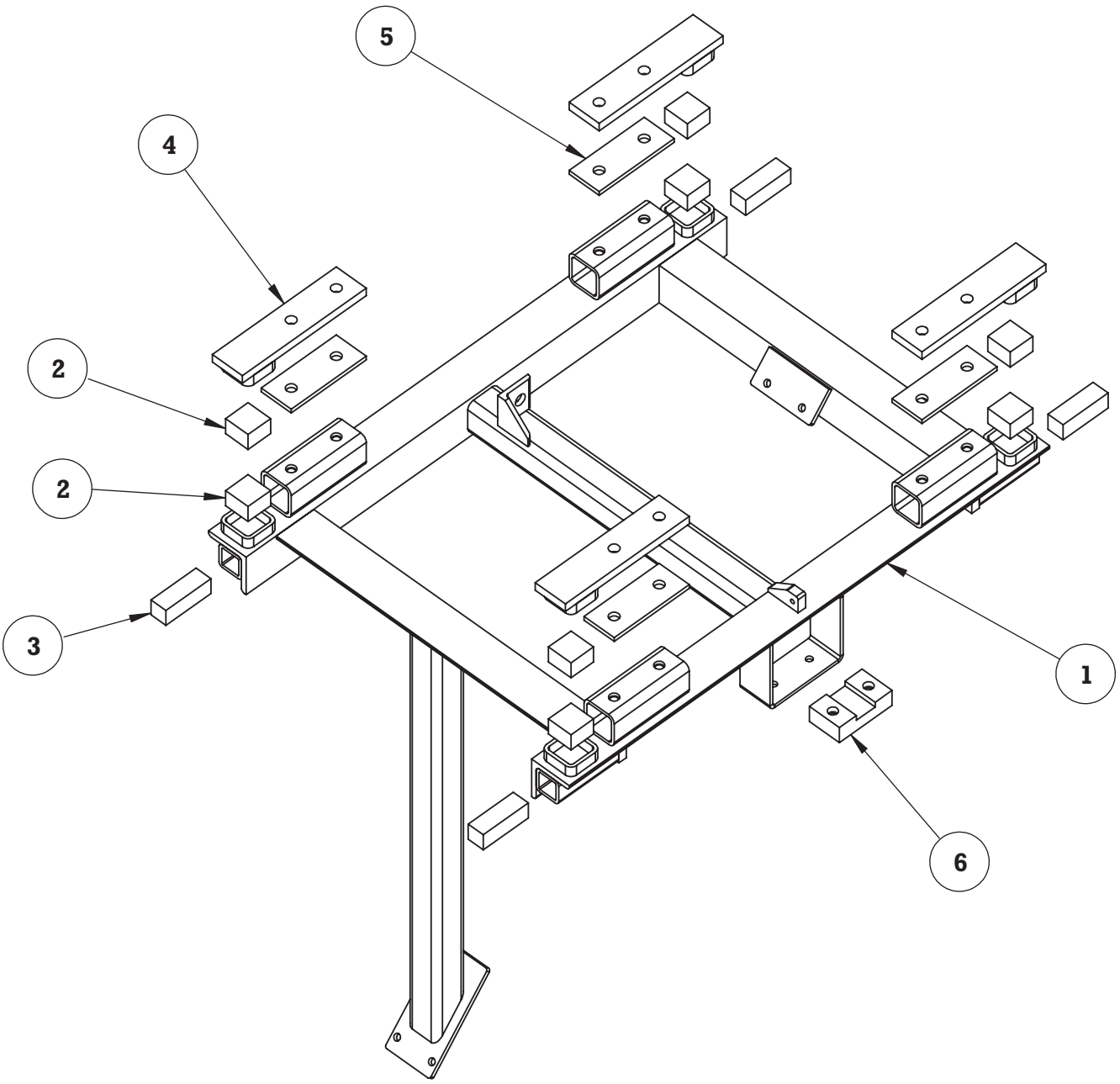


WASHER TOP ASSEMBLY (091-21502)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21510L	WASHER TOP FRAME WELDMENT (AS SHOWN)
	1	091-21510R	RIGHT HAND SIDE SYSTEM WASHER TOP FRAME
2	1	010-00100	WASHER CARRIAGE ASSEMBLY
3	2	030-00044-D	FLANGE BEARING 1"
4	1	690-00045	SPROCKET 60BS15 1" BORE
5	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
6	1	410-00208	CHAIN ADJUSTMENT ROD
7	1	091-24689	WASHER CARRIAGE SENSOR SUPPORT
8	1	450-00004	HYDRAULIC MOTOR
9	2	110-00001H	ROLLER CHAIN #60 (18 FOOT LONG)
10	2	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	410-00207	WASHER IDLER SHAFT
12*	1	091-21517L	SPRAY PIPE WITH NOZZLES (LEFT HAND SIDE SYSTEM)
	1	091-21517R	SPRAY PIPE WITH NOZZLES (RIGHT HAND SIDE SYSTEM)
13	1	010-00095	VERTICAL PIPE ASSEMBLY
14	2	210-00271	U-BOLT 5/16" X 1" PIPE
15	1	510-00062	1" NIPPLE CLOSE
16	1	510-00096	1-1/2" TEE
17	2	330-00013	STRAIGHT ADAPTER (MALE 1-1/2" NPT — 24 JIC)
18	1	510-00010	1-1/2" — 1" NPT BUSHING
19	1	330-00011	MALE CONNECTOR (1" NPT -12 JIC)
20	2	210-00836	U-BOLT 5/16" X 1-1/2" PIPE

* SEE SPRAY PIPE WITH NOZZLES FOR DETAIL

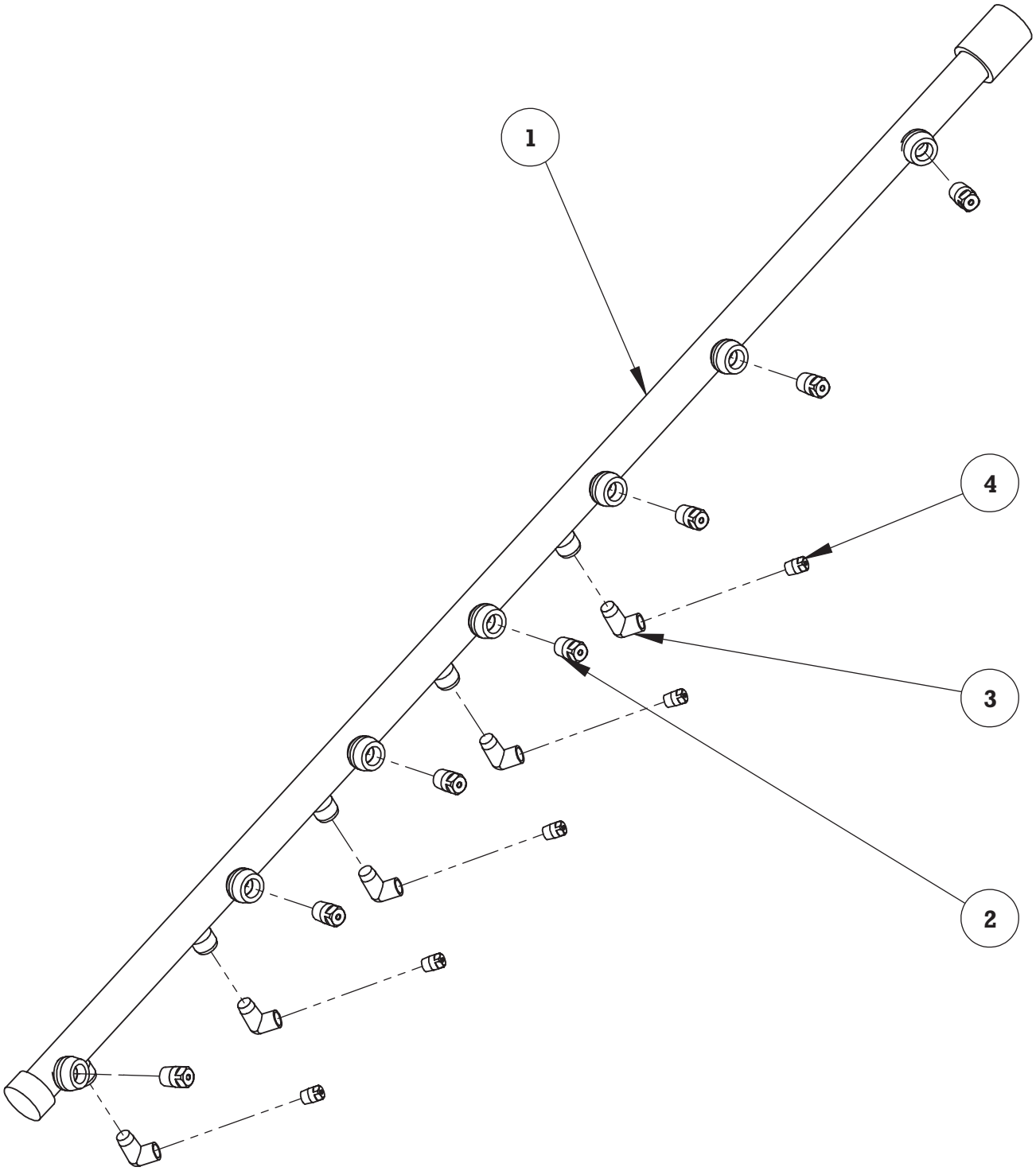
WASHER CARRIAGE ASSEMBLY (010-00100)



WASHER CARRIAGE ASSEMBLY (010-00100)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	010-00110	WASHER CARRIAGE
2	8	410-00266	UHMW WEAR PAD
3	4	410-00267	UHMW THRUST BLOCK
4	4	010-00102	TOP ARM WASHER CARRIAGE
5	4	091-20468	SHIM FOR WASHER TOP ARM
6	1	091-20473	UHMW CHAIN GUIDE

SPRAY PIPE WITH NOZZLES (091-21517)



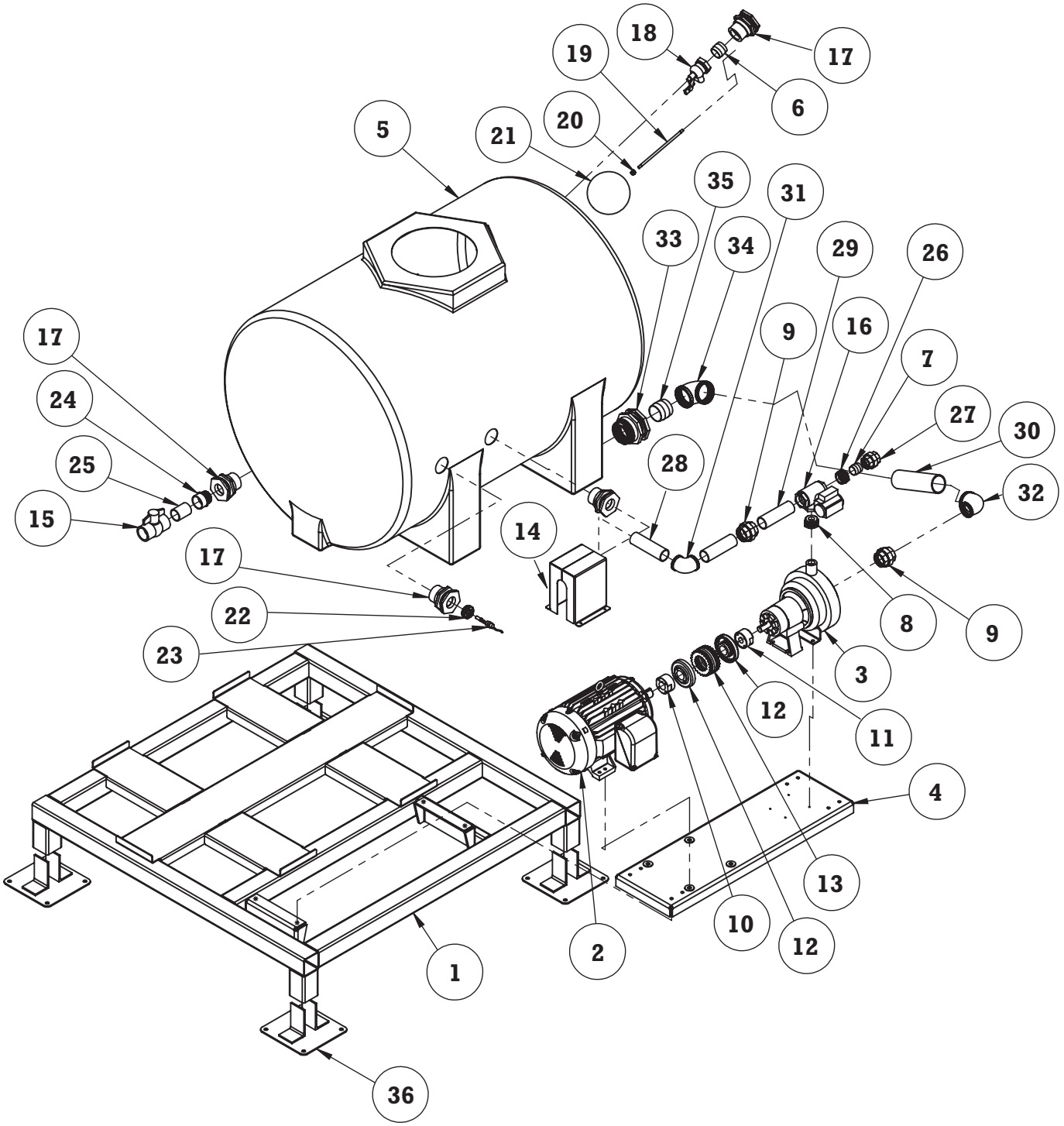
LEFT HAND SYSTEM SHOWN

SPRAY PIPE WITH NOZZLES (091-21517)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21517L	SPRAY PIPE WITH THREADOLETS (LEFT HAND SIDE SYSTEM)
	1	091-21517R	SPRAY PIPE WITH THREADOLETS (RIGHT HAND SIDE SYSTEM)
2	7	510-00076	FULL JET NOZZLE (3/4")
3	5	510-00244	ELBOW STREET (GALVANIZED)
4	5	510-00245	FULL JET NOZZLE (1/2")

Cage Unloading System

CAGE WASHER PUMPING UNIT (091-21505A)



CAGE WASHER PUMPING UNIT (091-21505A)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21508	PUMPING UNIT BASE (SIDE MOUNTED PUMP)
2	1	450-00056	30 HP ELECTRIC MOTOR
3	1	530-00032	CRANE DEMING PUMP
4	1	091-21507	MOTOR/PUMP PLATE
5	1	410-00133	525 GAL WATER TANK
6	1	510-00061	NIPPLE 2" NPT CLOSE
7	1	510-00261-G	NIPPLE 1-1/2" NPT CLOSE
8	1	510-00176	1" NPT X 2" NPT BUSHING ZINC COATED
9	2	510-00103	2" NPT UNION
10	1	530-00022	MOTOR SIDE HUB
11	1	530-00021	PUMP SIDE HUB
12	2	530-00020	COUPLING FLANGE
13	1	530-00023	COUPLING RUBBER INSERT
14	1	091-21506	COUPLING GUARD
15	1	490-00003	2" PVC BALL VALVE
16	1	810-00162	2" 3 WAY BRASS SOLENOID BALL VALVE (120V AC)
17	4	490-00004	2" NPT TANK BULKHEAD
18	1	430-00111	2" NPT BRASS FLOAT VALVE
19	1	430-00113	BRASS FLOAT ROD
20	1	430-00114	BRASS BUSHING 1/8 NPT X 3/8 NPT
21	1	430-00112	BRASS FLOAT
22	1	510-00014	BUSHING 2" NPT X 1/2" NPT ZINC COATED
23	1	250-00003	ELECTRIC FLOAT SWITCH
24	1	490-00026	PVC ADAPTER 2" MALE NPT X 2" SOCKET
25	1	091-21505-02	2" SCH. 40 PVC PIPE
26	1	510-00019	2" NPT X 1-1/2" NPT BUSHING ZINC COATED
27	1	510-00102	1-1/2" NPT UNION
28	1	–	GALV STL PIPE (SCH. 40) 2 X 8 LG
29	2	–	GALV STL PIPE (SCH. 40) 2 X 7-1/2
30	1	–	GALV STL PIPE (SCH. 40) 3 X 11-1/2 LG
31	1	510-00161	2" NPT ELBOW
32	1	510-00236	REDUCER ELBOW 3" NPT X 2" NPT
33	1	490-00005	3" PVC TANK BULKHEAD
34	1	510-00237	ELBOW (3" NPT X 3" NPT)
35	1	510-00238	NIPPLE SCH. 40 3" CLOSE
36	4	091-21669	3-1/2" FOOT PAD

SECTION #5

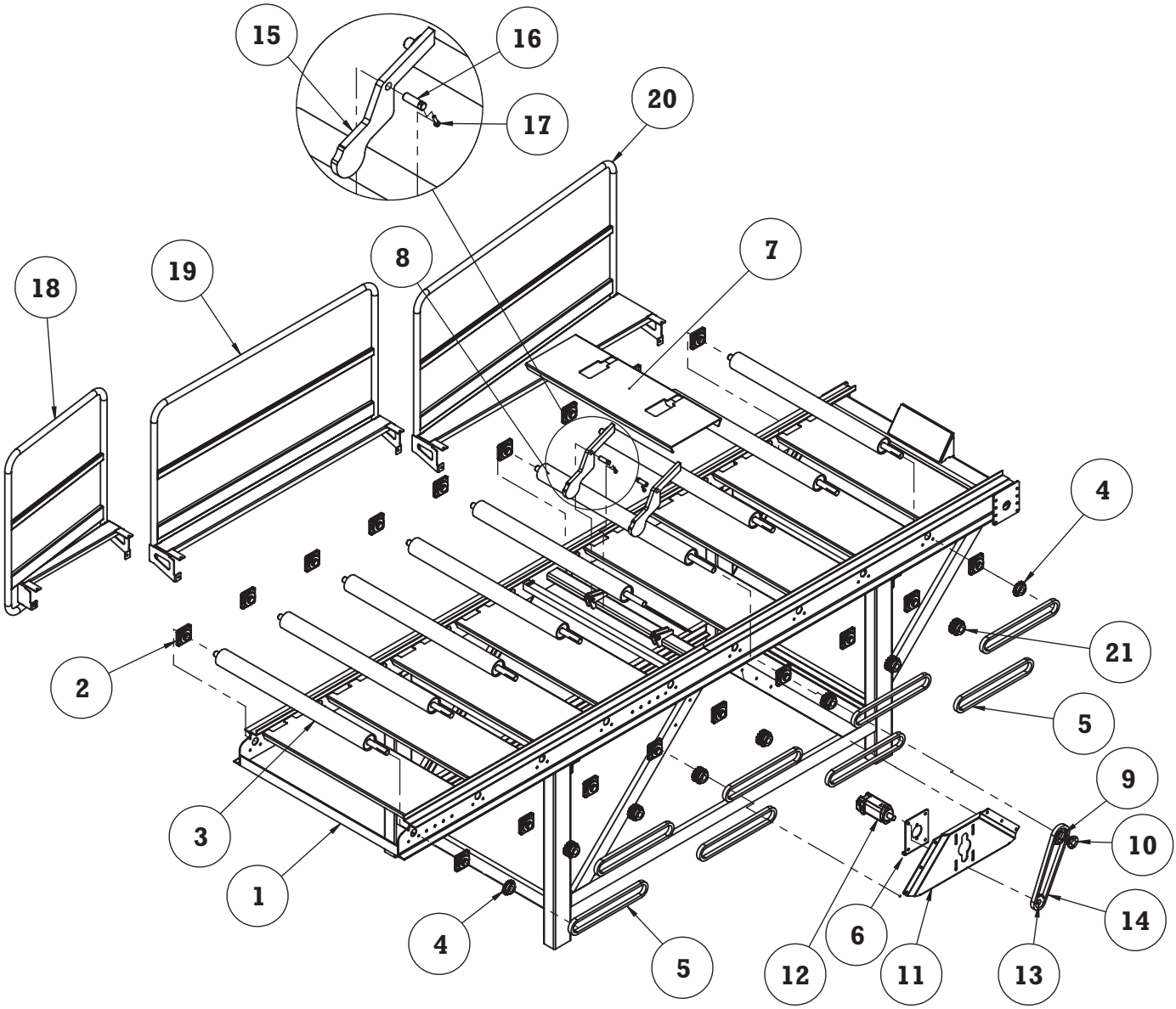
OUTGOING CONVEYOR

CONTENTS

20' OUTGOING CONVEYOR (STD.) (091-21702).....5-2
30' OUTGOING CONVEYOR (091-21703).....5-4
20' INTERMEDIATE OUTGOING SECTION (091-21704).....5-6
INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890).....5-8
INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01).....5-10
OUTGOING CONVEYOR (SPECIAL 10') (091-00917-ASSY).....5-12
30' OUTGOING INTERMEDIATE CONVEYOR (091-21709).....5-14
OUTGOING CONVEYOR (091-21716-ASSY).....5-16
OUTGOING 10' INTERMEDIATE CONVEYOR (125") (091-21764).....5-18
INCOMING / OUTGOING CONVEYOR SAFETY GATE (65") (091-01147-ASSY).....5-20

NOTE: THERE ARE SPECIAL HANDRAILS ON OUTGOING SIDE – 091-30079-04 AND 091-30079-04-SHORT L

20' OUTGOING CONVEYOR (STD.) (091-21702)

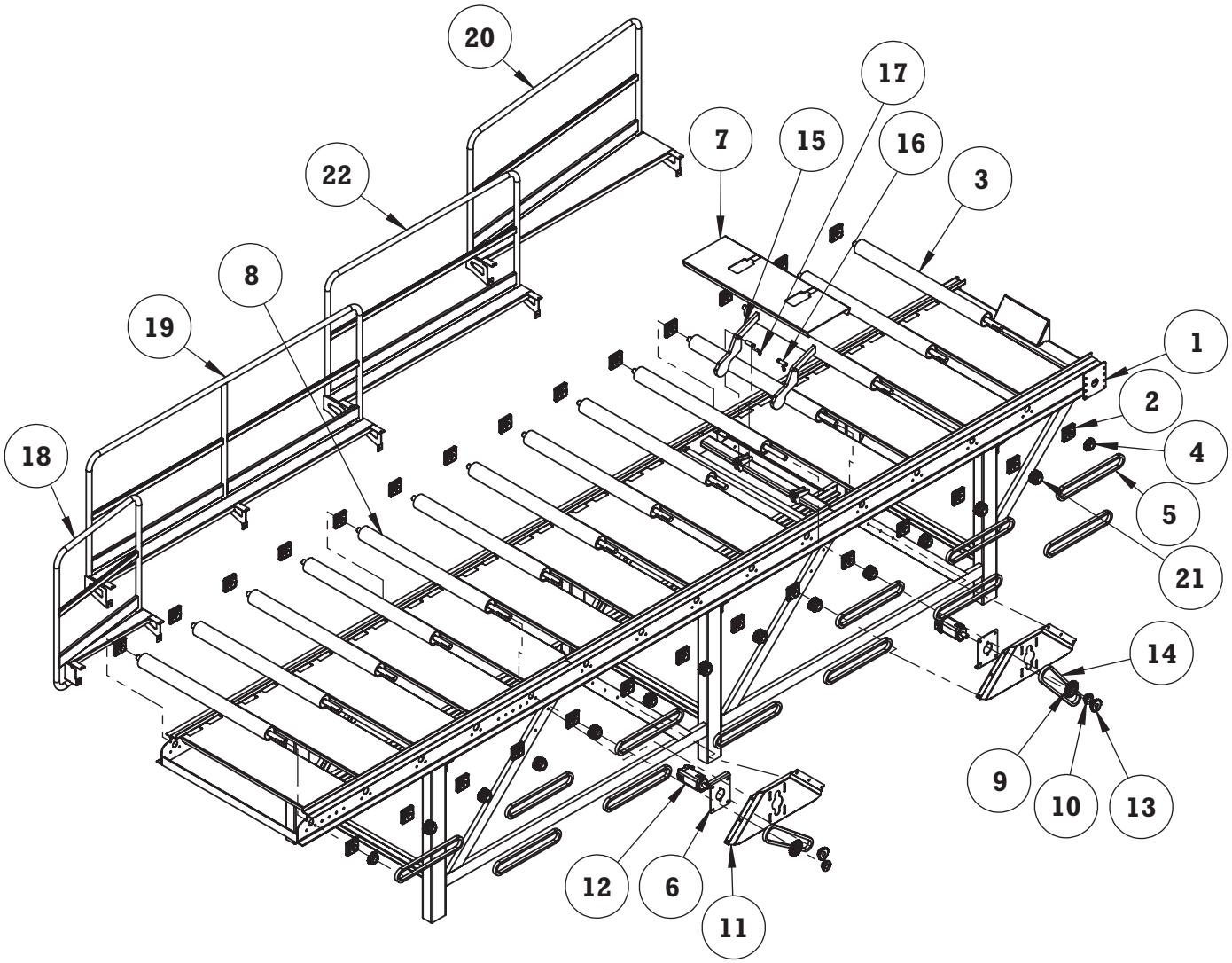


LEFT HAND SYSTEM SHOWN

20' OUTGOING CONVEYOR (STD.) (091-21702)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21713	20' OUTGOING CONVEYOR FRAME (STD.)
2	18	030-00018-D	FLANGE BEARING 1-7/16"
3	8	091-00308	CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	8	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	8	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-20539	LAY-IN AT CAGE STOP
8	1	091-00307	DRIVE ROLLER (CONVEYOR)
9	1	690-00006	SPROCKET 60SDS20
10	1	690-00021	SDS BUSHING 1-7/16" BORE
11	1	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
12	1	450-00004	HYDRAULIC MOTOR
13	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
14	1	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	2	D70014	CAGE STOP
16	2	098-01483	CYLINDER PIN
17	2	098-01482	ROD END 3/8"
18	1	091-21830L	CONVEYOR HANDRAIL (SHORT) (FOR LEFT HAND SIDE SYSTEM)
	1	091-21830R	CONVEYOR HANDRAIL (SHORT) (FOR RIGHT HAND SIDE SYSTEM)
19	1	091-21829	CONVEYOR HANDRAIL (LONG)
20	1	091-21828.2	CONVEYOR HANDRAIL (FLARE) (FOR LEFT HAND SIDE SYSTEM) (AS SHOWN)
	1	091-21828.1	CONVEYOR HANDRAIL (FLARE) (FOR RIGHT HAND SIDE SYSTEM)
21	7	690-00063	DUAL SPROCKET 60BS15 1-7/16" BORE

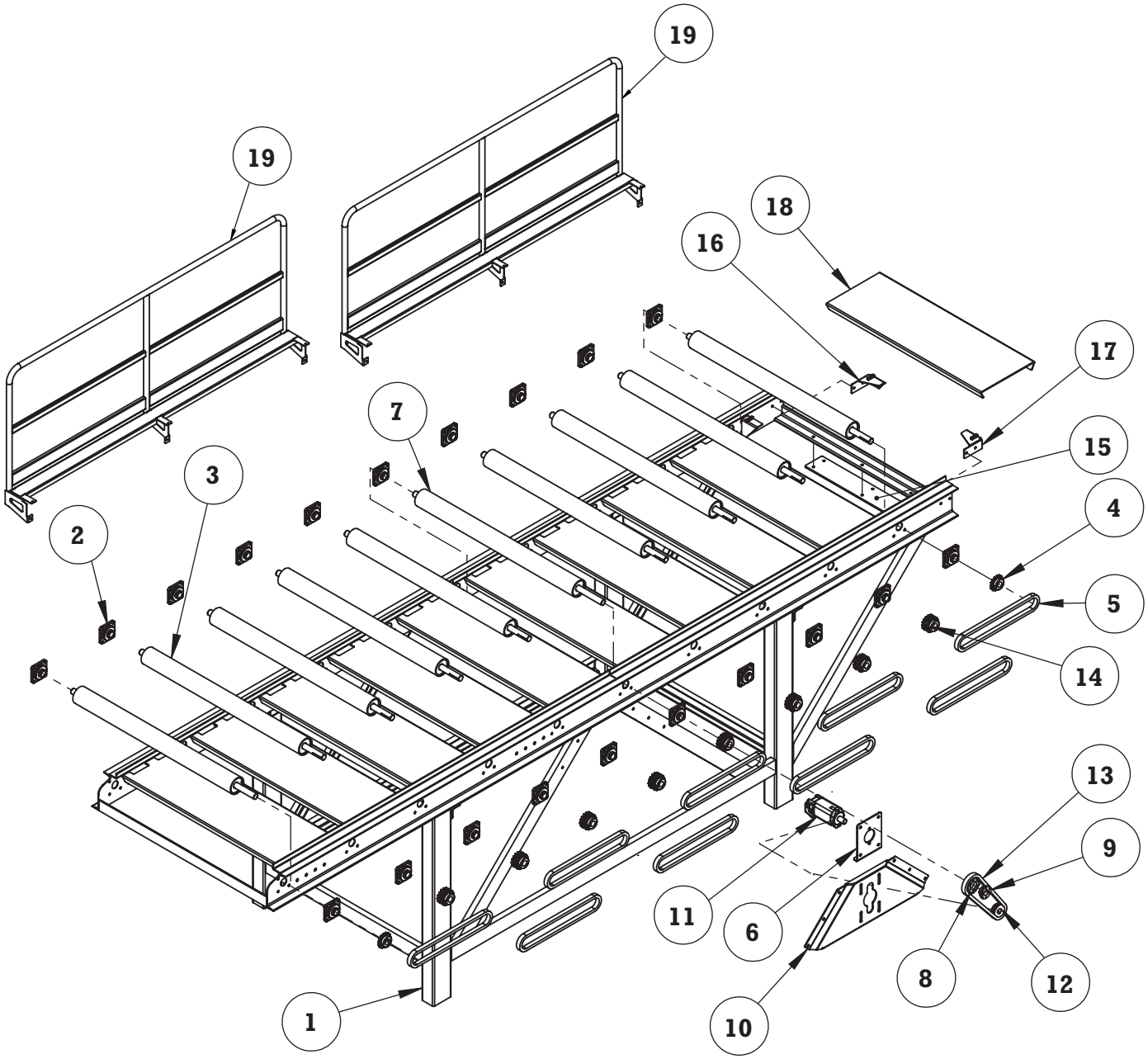
30' OUTGOING CONVEYOR (091-21703)



30' OUTGOING CONVEYOR (091-21703)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21714	30' OUTGOING CONVEYOR FRAME (STD.)
2	28	030-00018-D	FLANGE BEARING 1-7/16"
3	12	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-71/6" BORE
5	8	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	8	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	2	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-20539	LAY-IN AT CAGE STOP
8	2	091-00307	DRIVE ROLLER (CONVEYOR)
9	2	690-00006	SPROCKET 60SD20
10	2	690-00021	QD BUSHING (SDS 1-7/16")
11	2	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
12	2	450-00004	HYDRAULIC MOTOR
13	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
14	1	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	2	D70014	CAGE STOP
16	2	098-01483	CYLINDER PIN
17	2	098-01482	ROD END 3/8"
18	1	091-21830L	CONVEYOR HANDRAIL (SHORT) (LEFT HAND SYSTEM)
	1	091-21830R	CONVEYOR HANDRAIL (SHORT) (RIGHT HAND SYSTEM)
19	1	091-21844	HANDRAIL FOR EXTENDED CONVEYOR
20	1	091-21828.2	CONVEYOR HANDRAIL (FLARE) (LEFT HAND SYSTEM)
	1	091-21828.1	CONVEYOR HANDRAIL (FLARE) (RIGHT HAND SYSTEM)
21	12	690-00063	DUAL SPROCKET 60BS15 1-71/6" BORE
22	1	091-21829	CONVEYOR HANDRAIL (LONG)

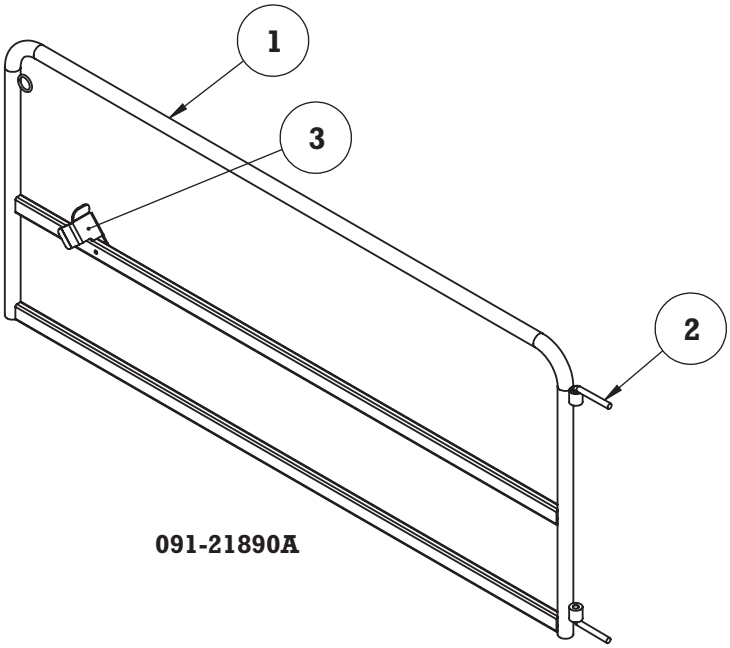
20' INTERMEDIATE OUTGOING SECTION (091-21704)



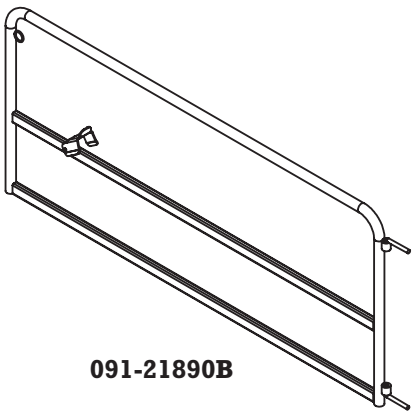
20' INTERMEDIATE OUTGOING SECTION (091-21704)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21715	OUTGOING 20' INTERMEDIATE SECTION FRAME
2	20	030-00018-D	FLANGE BEARING 1-7/16
3	9	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	8	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	8	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-00307	DRIVE ROLLER (CONVEYOR)
8	1	690-00006	SPROCKET 60SD20
9	1	690-00021	QD BUSHING (SDS 1-7/16")
10	1	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
11	1	450-00004	HYDRAULIC MOTOR
12	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
13	1	110-00001H	ROLLER CHAIN #60 (4.5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	8	690-00063	DUAL SPROCKET 60BS15 1-71/6" BORE
15	1	091-20838	CONNECTION TONGUE FOR CONVEYOR
16	1	091-21846L	CONNECTOR LAY IN SUPPORT
17	1	091-21846R	CONNECTOR LAY IN SUPPORT
18	1	091-20842	CONNECTOR LAY IN FOR DOUBLE CONVEYORS
19	1	091-21844	HANDRAIL FOR EXTENDED CONVEYORS

INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890)



091-21890A

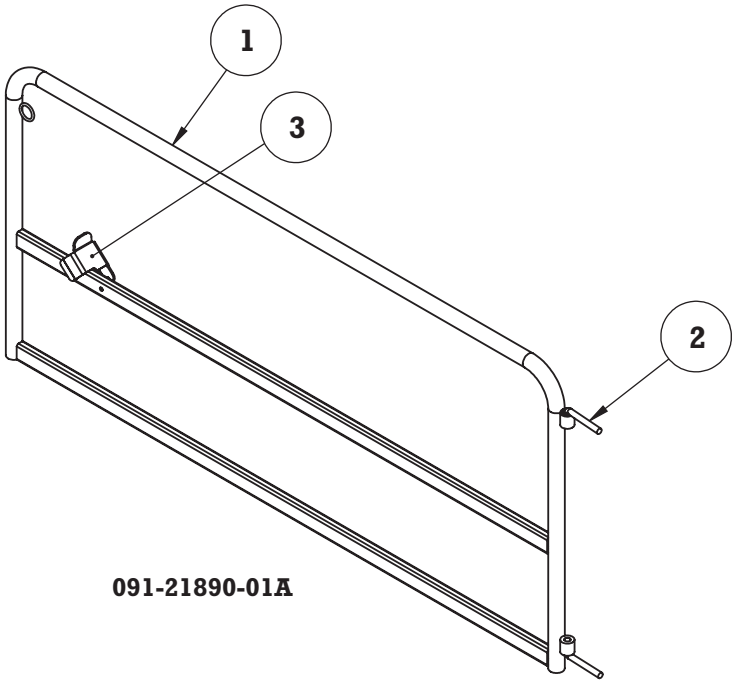


091-21890B

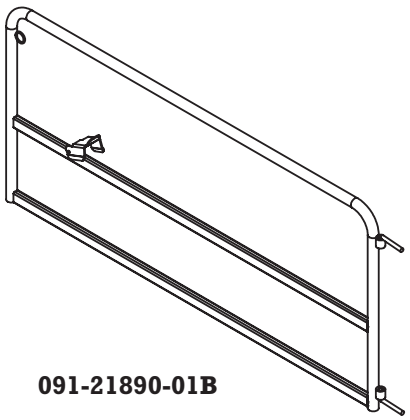
INCOMING/OUTGOING CONVEYOR SAFETY GATE ASSEMBLY (091-21890)

ITEM	A / QTY.	B / QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21870	INCOMING / OUTGOING CONVEYOR SAFETY GATE
2	2	2	091-20393	GATE HINGE PIN
3	1	1	091-24345	INCOMING / OUTGOING CONVEYOR SAFETY GATE HOLDER
4	2	–	210-00143	COLD SHUT, 5/16 ZINC PLATED
5	1	–	110-00039	SNAP, EYE SWIVEL
6	2 FT	–	REF	5/16 CHAIN

INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01)



091-21890-01A

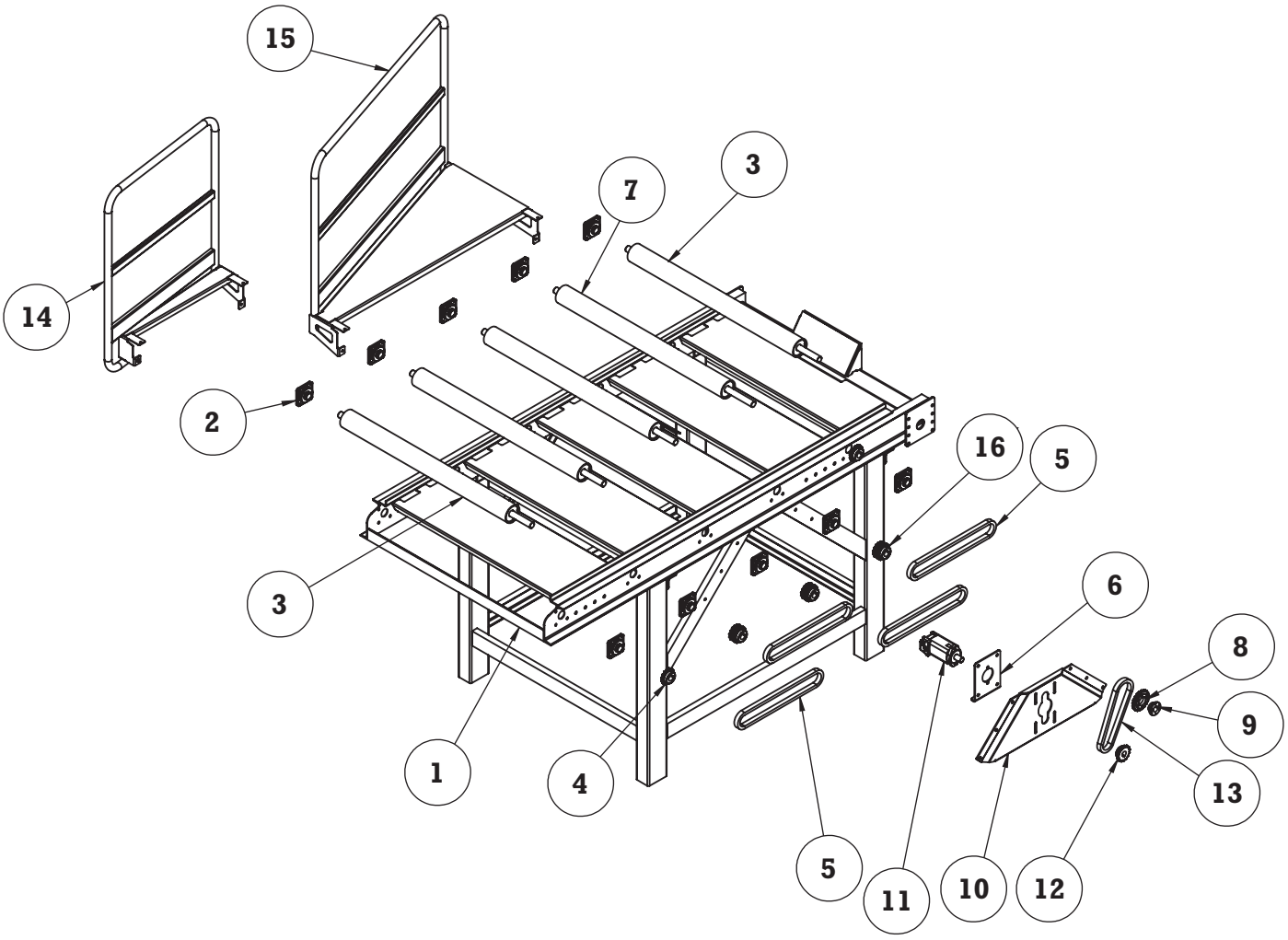


091-21890-01B

INCOMING/OUTGOING SAFETY GATE ASSY (NARROW MACHINE)(091-21890-01)

ITEM	A / QTY.	B / QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21870-01	INCOMING / OUTGOING CONVEYOR SAFETY GATE (NARROW)
2	2	2	091-20393	GATE HINGE PIN
3	1	1	091-24345	INCOMING / OUTGOING CONVEYOR SAFETY GATE HOLDER
4	2	–	210-00143	COLD SHUT, 5/16 ZINC PLATED
5	1	–	110-00039	SNAP, SWIVEL EYE
6	2 FT	–	REF	5/16 CHAIN

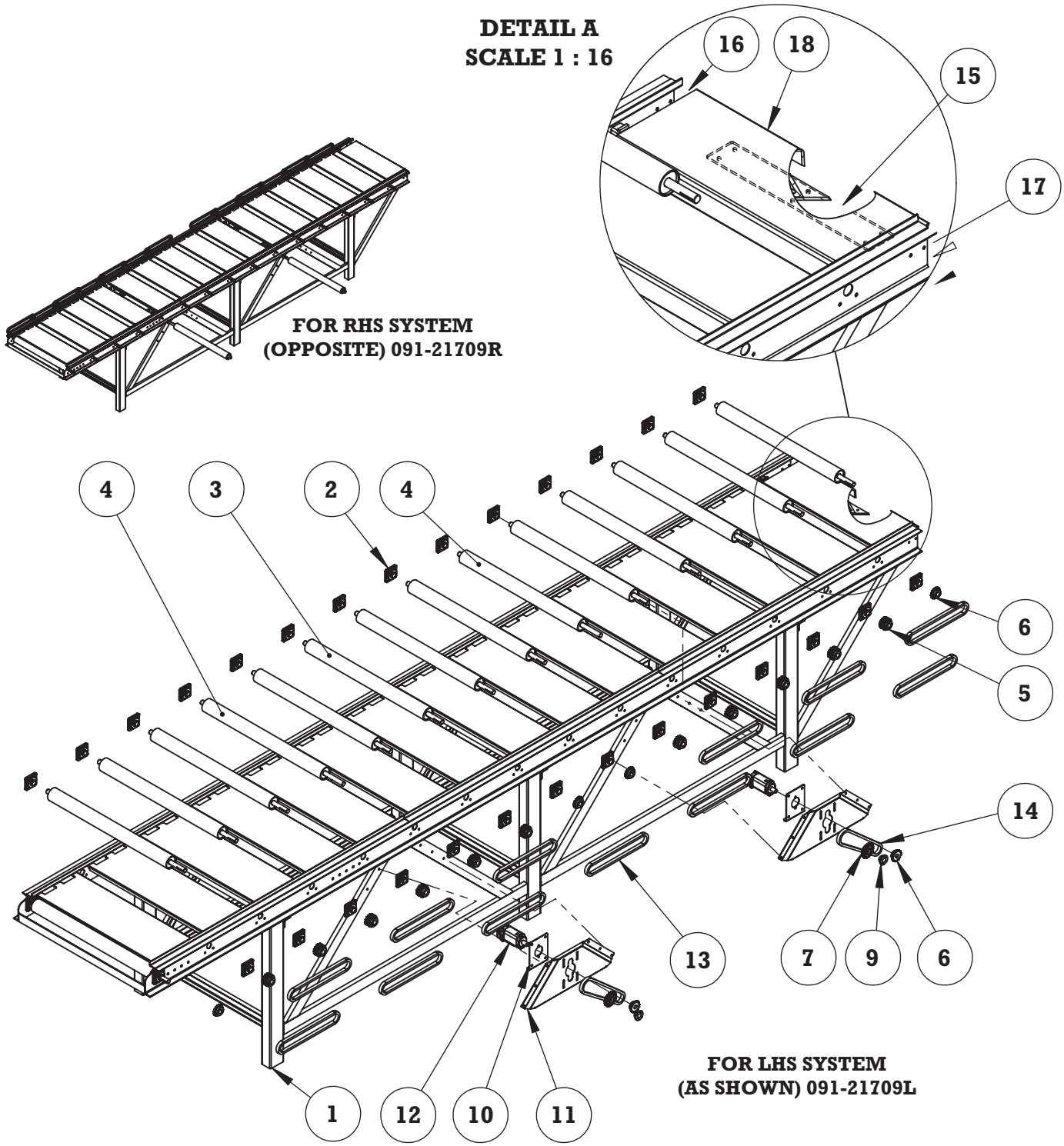
OUTGOING CONVEYOR (SPECIAL 10') (091-00917-ASSY)



OUTGOING CONVEYOR (SPECIAL 10') (091-00917-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00917	10' OUTGOING CONVEYOR FRAME (STD)
2	10	030-00018-D	FLANGE BEARING 1-7/16
3	4	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	4	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	4	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	1	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-00307	DRIVE ROLLER (CONVEYOR)
8	1	690-00006	SPROCKET 60SDS20
9	1	690-00021	QD BUSHING (SDS 1-7/16)
10	1	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
11	1	450-00004	HYDRAULIC MOTOR
12	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
13	1	110-00001H	ROLLER CHAIN #60 (3 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	1	091-21830L	CONVEYOR HANDRAIL (SHORT) (FOR LEFT HAND SIDE SYSTEM)
	1	091-21830R	CONVEYOR HANDRAIL (SHORT) (FOR RIGHT HAND SIDE SYSTEM)
15	1	091-00925.2	CONVEYOR HANDRAIL (SPECIAL FLARE)
16	3	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE

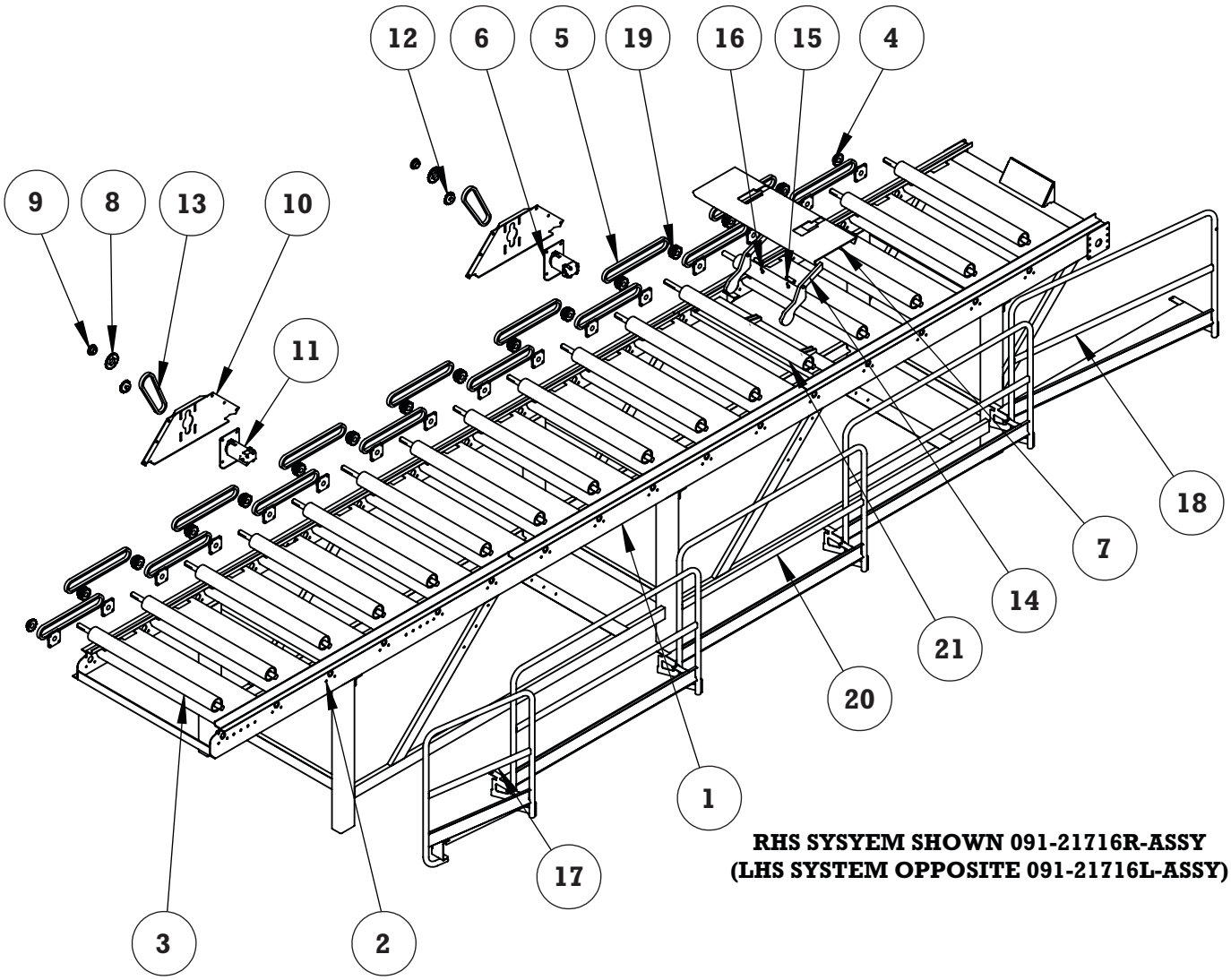
30' OUTGOING INTERMEDIATE CONVEYOR (091-21709)



30' OUTGOING INTERMEDIATE CONVEYOR (091-21709)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21721	30' OUTGOING INTERMEDIATE CONVEYOR FRAME (STD)
2	30	030-00018-D	FLANGE BEARING 1-7/16
3	13	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	091-00307	DRIVE ROLLER (CONVEYOR)
5	11	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
6	4	690-00005	SPROCKET 60BS15 1-7/16" BORE
7	2	690-00006	SPROCKET 60SDS20
8	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
9	2	690-00021	QD BUSHING (SDS 1-7/16)
10	2	091-20558	HYDRAULIC MOTOR SUPPORT
11	2	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
12	2	450-00004	HYDRAULIC MOTOR
13	13	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	2	110-00001H	ROLLER CHAIN #60 (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	1	091-20838	CONNECTION TONGUE FOR CONVEYORS
16	1	091-21846L	CONNECTOR LAY IN SUPPORT
17	1	091-21846R	CONNECTOR LAY IN SUPPORT
18	1	091-20842	CONNECTOR LAY IN FOR DOUBLE CONVEYORS

OUTGOING CONVEYOR (091-21716-ASSY)

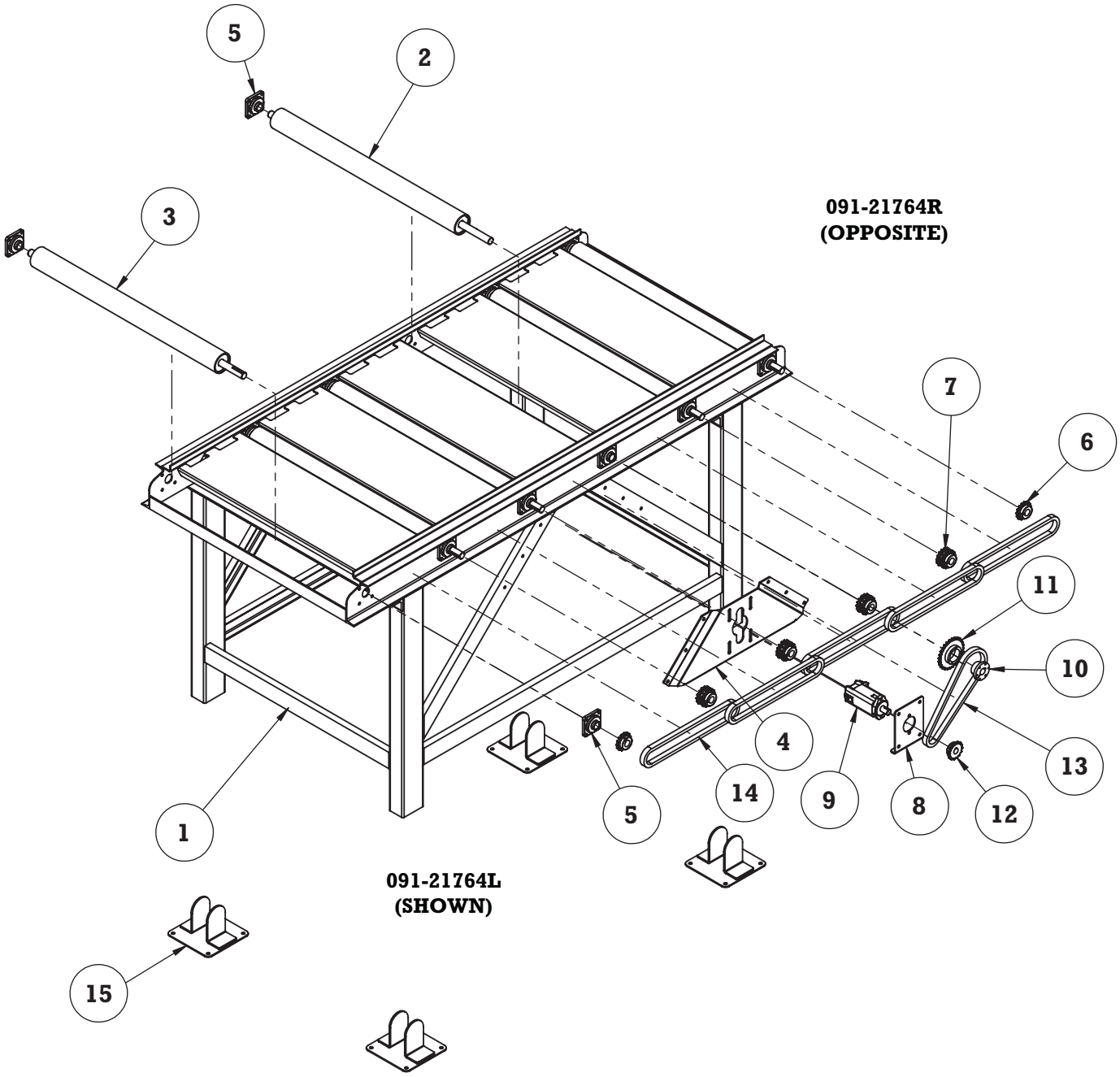


RHS SYSYEM SHOWN 091-21716R-ASSY
(LHS SYSTEM OPPOSITE 091-21716L-ASSY)

OUTGOING CONVEYOR (091-21716-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21716	30'+47" OUTGOING CONVEYOR FRAME
2	32	030-00018-D	FLANGE BEARING 1-7/16
3	14	590-00036	OUTGOING CONVEYOR DRIVEN ROLLER
4	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	15	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
6	2	091-20558	HYDRAULIC MOTOR SUPPORT
7	1	091-20539	LAY-IN AT CAGE STOP
8	2	690-00006	SPROCKET 60SDS20
9	2	690-00021	QD BUSHING (SDS 1-7/16)
10	2	091-21124	HYDRAULIC MOTOR PLATE WITH CAP
11	2	450-00004	HYDRAULIC MOTOR
12	2	690-00044	SPROCKET 60BS15 1-1/4" BORE
13	2	110-00001H	ROLLER CHAIN (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	2	D70014	CAGE STOP
15	2	098-01483	STEER CYLINDER PIN
16	2	098-01482	ROD END 3/8
17	1	091-21830R	CONVEYOR HANDRAIL (SHORT)
18	1	091-21828.1	CONVEYOR HANDRAIL (FLARE)
19	14	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
20	3	091-21829	CONVEYOR HANDRAIL (LONG)
21	2	091-00307	DRIVE ROLLER (CONVEYOR)

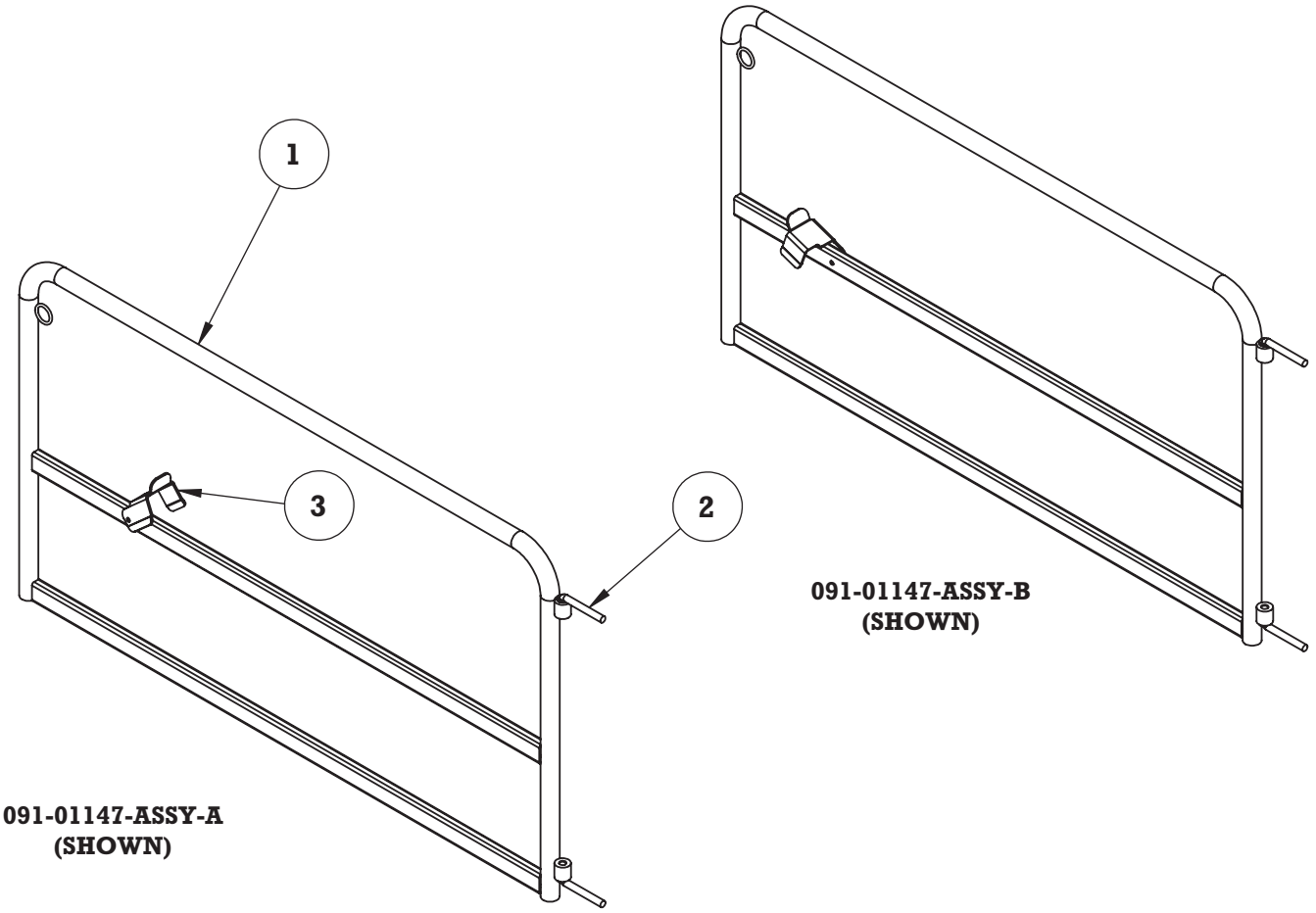
OUTGOING 10' INTERMEDIATE CONVEYOR (125") (091-21764)



OUTGOING 10' INTERMEDIATE CONVEYOR (125") (091-21764)

ITEM	LHS/QTY.	RHS/QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-21763	OUTGOING 10' INTERMEDIATE SECTION (125")
2	1	1	091-00307	DRIVE ROLLER (CONVEYOR)
3	5	5	091-00308	OUTGOING CONVEYOR DRIVEN ROLLER
4	1	1	091-20580	HYDRAULIC MOTOR ANCHOR PLATE
5	12	12	030-00018-D	FLANGE BEARING 1-7/16
6	2	2	690-00005	SPROCKET 60BS15 1-7/16" BORE
7	4	4	690-00063	DUAL SPROCKET 60BS15 1-7/16 BORE
8	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
9	1	1	450-00004	HYDRAULIC MOTOR
10	1	1	690-00022	QD BUSHING (SK-1-7/16)
11	1	1	690-00014	SPROCKET 60SK28
12	1	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
13	1	1	110-00001H	ROLLER CHAIN #60 (4.25 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
14	5	5	110-00001H	ROLLER CHAIN #60 (5 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
15	4	4	091-21671	5" FOOT PAD

INCOMING / OUTGOING CONVEYOR SAFETY GATE (65") (091-01147-ASSY)



091-01147-ASSY-A
(SHOWN)

091-01147-ASSY-B
(SHOWN)

INCOMING / OUTGOING CONVEYOR SAFETY GATE (65") (091-01147-ASSY)

ITEM	A/QTY.	B/QTY.	PART NUMBER	DESCRIPTION
1	1	1	091-01147-01	INCOMING/OUTGOING CONVEYOR SAFETY GATE PIPE (65")
2	2	2	091-20393	GATE HINGE PIN
3	1	1	091-24345	INCOMING/OUTGOING CONVEYOR SAFETY GATE HOLDER
4	2	–	210-00143	COLD SHUT, 5/16 ZINC PLATED
5	1	–	110-00039	SNAP, SWIVLE EYE
6	2FT	–	REF	5/16 CHAIN

SECTION #6

RECEIVING AND HANGING BELTS

CONTENTS

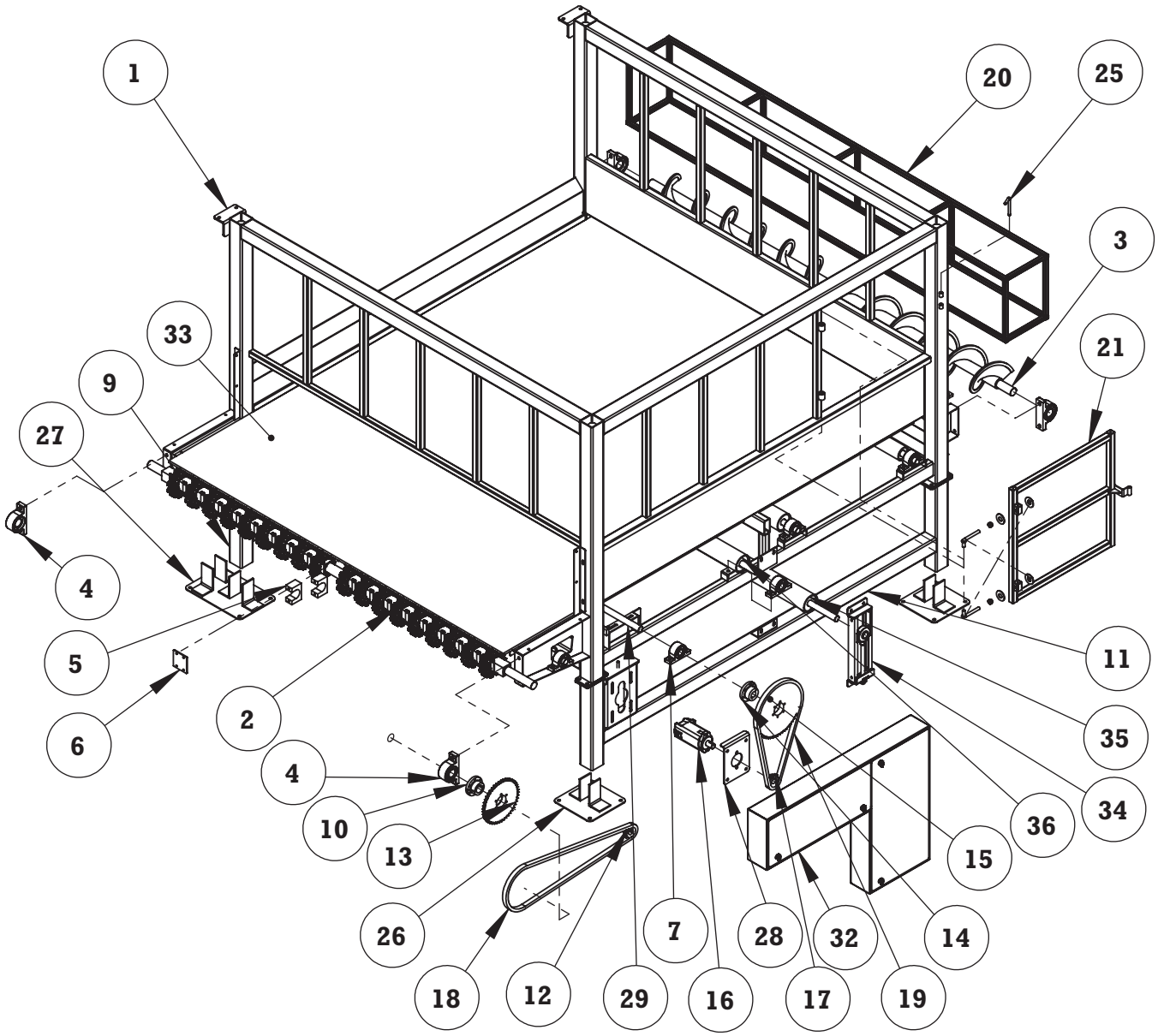
108" BACK OUTLET RECEIVING BELT (091-21303B) 6-4
108" RECEIVING WITH SIDE OUTLET (091-25322) 6-6
RECEIVING BELT WITH SIDE OUTLET (091-25370) 6-8
COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT (091-21331) 6-10
108" RECEIVING BELT COVER ASSEMBLY (091-25392) 6-12
88" BACK OUTLET (091-25303B) 6-14
COMPLETE DRIVE SHAFT ASSEMBLY 88" BELT (091-21330) 6-16
108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.1) 6-18
108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.2) 6-20
108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.1) 6-22
108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.2) 6-24
108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.1) 6-26
108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.2) 6-28
88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.1) 6-30
88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.2) 6-32
88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.1) 6-34
88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.2) 6-36
88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.1) 6-38
88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.2) 6-40
STANDARD DRIVE END ASSEMBLY (24" WIDE) 6-42
STANDARD DRIVE END ASSEMBLY (36" WIDE) 6-44
STANDARD DRIVE END ASSEMBLY (42" WIDE) 6-46
STANDARD DRIVE END ASSEMBLY (48" WIDE) 6-48
DRIVE END TAKE UP ASSEMBLY (24" WIDE) 6-50
DRIVE END TAKE UP ASSEMBLY (36" WIDE) 6-52
DRIVE END TAKE UP ASSEMBLY (42" WIDE) 6-54
DRIVE END TAKE UP ASSEMBLY (48" WIDE) 6-56
SIDE FEED IDLER END (24" WIDE) 6-58
SIDE FEED IDLER END (36" WIDE) 6-60
SIDE FEED IDLER END (42" WIDE) 6-62
SIDE FEED IDLER END (48" WIDE) 6-64
SIDE FEED IDLER END ASSEMBLY (24" WIDE) 6-66
SIDE FEED IDLER END ASSEMBLY (36" WIDE) 6-68

RECEIVING AND HANGING BELTS

CONTENTS (CONTINUED)

SIDE FEED IDLER END ASSEMBLY (42" WIDE) 6-70
SIDE FEED IDLER END ASSEMBLY (48" WIDE) 6-72
END FEED IDLER END (24" WIDE) 6-74
END FEED IDLER END (36" WIDE) 6-76
END FEED IDLER END (42" WIDE) 6-78
END FEED IDLER END (48" WIDE) 6-80
BELT INTERFACE (END FEED HANGING BELT) 6-82
BELT INTERFACE (SIDE FEED HANGING BELT) 6-84
BELT INTERFACE (SIDE FEED HANGING BELT) 6-86
42" WIDE BELT ASSEMBLY (091-00707L) 6-88
42" WIDE BELT ASSEMBLY (091-25435L) 6-90
42" WIDE BELT ASSEMBLY (091-25436L) 6-92
42" WIDE BELT ASSEMBLY (091-00786L) 6-94
42" WIDE BELT ASSEMBLY (091-25441L) 6-96
108" X 10' EXTENSION BELT 2° DECLINE W/TAKE UP (091-25446-ASSY) 6-98
108' X 15' EXTENSION BELT LG (091-00982-ASSY) 6-100
RECEIVING BELT WITH SIDE OUTLET (091-00993-ASSY) 6-102
54" WIDE BELT ASSEMBLY (091-25449L) (LHS DRIVE FOR 36" HANGING BELT FROM EXT BELT) 6-104
54" WIDE BELT ASSEMBLY (091-25440L) (LHS DRIVE FOR 42" HANGING BELT) 6-106
88" X 145-3/4"' EXTENSION BELT WITH TAKE UP (091-01010-ASSY) 6-108
108" X 10' EXTENSION BELT W/TAKE UP (091-00871-ASSY) 6-110
EXTENSION BELT ASSEMBLY - 108" X 21'-2" LG - 5° INCLINE (091-01017-ASSY) 6-112
EXTENSION CAGE - 108" SPECIAL (091-01017A-ASSY) 6-114
EXTENSION CAGE - 108" SPECIAL (091-01017B-ASSY) 6-116
88" X 98-1/4" EXTENSION BELT WITH TAKE UP (091-01077-ASSY) 6-118
36" X 120" EXTENSION BELT (091-01108-ASSY) 6-120
88" X 86-1/2" EXTENSION BELT W/TAKE UP AND 2° DECLINE (091-01107-ASSY) 6-122
SHORT RECEIVING BELT ASSEMBLY FOR MOUNTAIRE SELBYVILLE, DE. (091-30079-02-ASSY.) 6-124
54" WIDE BELT ASSEMBLY (LEFT HAND SIDE DRIVE FOR 36" HANGING BELT FROM EXT BELT) (091-25461L) 6-126

108" BACK OUTLET RECEIVING BELT (091-21303B)



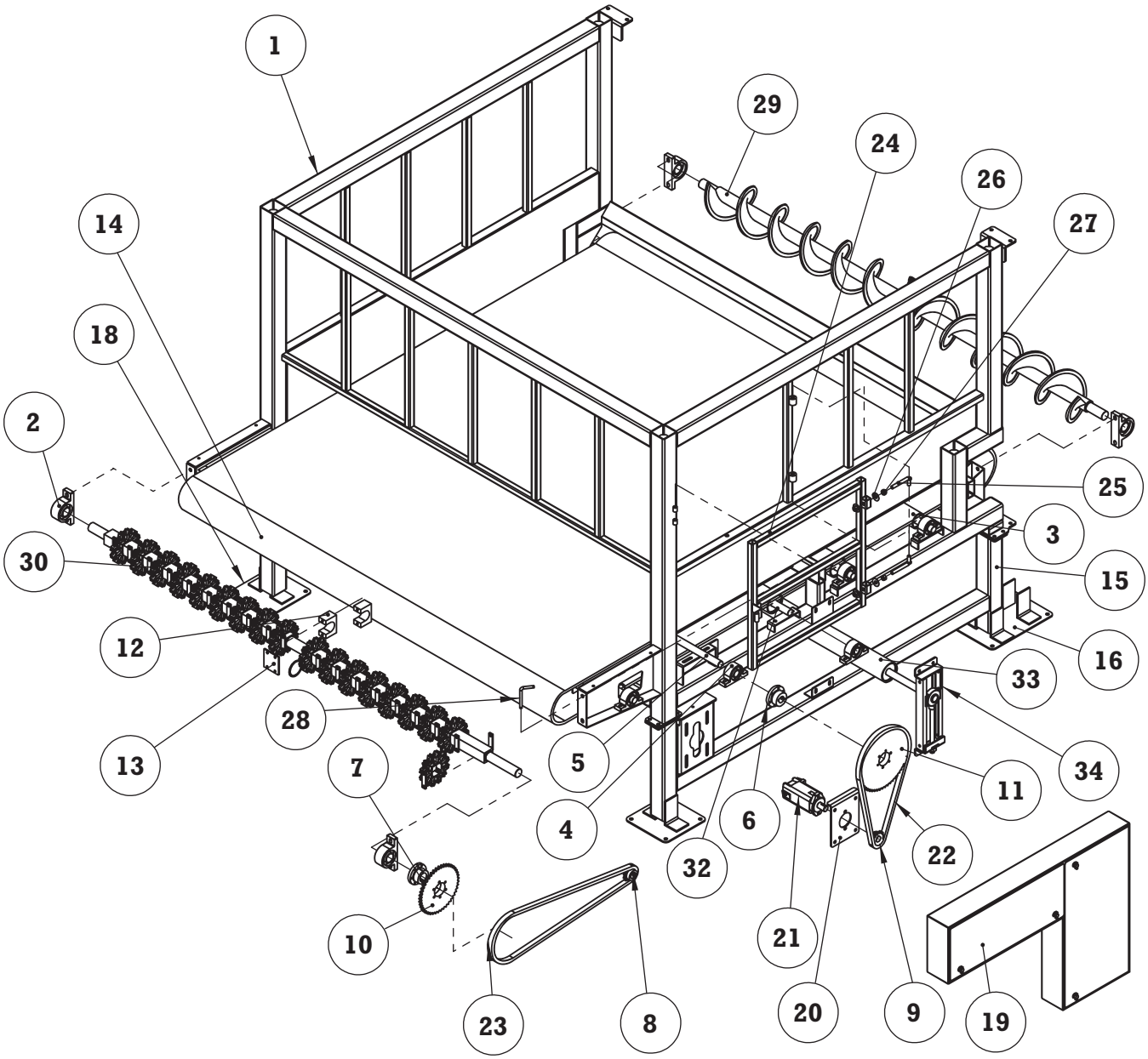
LEFT HAND SYSTEM SHOWN

108" BACK OUTLET RECEIVING BELT (091-21303B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21318L	RECEIVING CAGE FRAME (108" BACK OUTLET) (LEFT HAND SIDE)
	1	091-21318R	RECEIVING CAGE FRAME (108" BACK OUTLET) (RIGHT HAND SIDE)
2	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	4	030-00020-D	PILLOW BLOCK 1-15/16
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK 1-7/16
8	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	1	091-21316	RECEIVING CAGE SUB-FRAME (88")
10	1	030-00057	QD BUSHING (SF 1-15/16)
11	1	091-21319L	RECEIVING CAGE SUB-FRAME WITH DRIVE (LEFT HAND SIDE)
	1	091-21319R	RECEIVING CAGE SUB-FRAME WITH DRIVE (RIGHT HAND SIDE)
12	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
13	1	690-00009	SPROCKET 60SF45
14	1	690-00043	QD BUSHING (SF 1-7/16)
15	1	690-00011	SPROCKET 60SF60
16	1	450-00004	HYDRAULIC MOTOR
17	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
18	1	110-00001H	ROLLER CHAIN #60 X (8 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 X (6 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21353	SCROLL GUARD FOR 108" BELT
21	1	091-21852	WIDENED RECEIVING CAGE DOOR
22	2	091-20393	GATE HINGE PIN
23	4	REF	FLATWASHER
24	4	REF	HEX NUT NC
25	1	790-00261	COOPER BASKET GATE PIN
26	2	091-21669	3-1/2" FOOT PAD
27	2	091-21674	DOUBLE FOOT PAD FOR RECEIVING CAGE
28	1	091-20558	HYDRAULIC MOTOR SUPPORT
29	1	670-00060	COUNTER SHAFT 108" BELT
30	3	REF	SCREW SET SQ HD CUP POINT
31	3	REF	HEX JAM NUT NC
32	1	091-21863L	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (LEFT HAND SIDE)
	1	091-21863R	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (RIGHT HAND SIDE)
33	1	050-00130	108" INTRALOX BELT X 30 FOOT
34	2	091-25347-ASSY	TAKE-UP ASSEMBLY — 22" LG
35	1	091-25397	TAKE-UP ROLLER (CENTER)
36	2	091-25348	TAKE-UP ROLLER (SIDE)

Cage Unloading System

108" RECEIVING WITH SIDE OUTLET (091-25322)

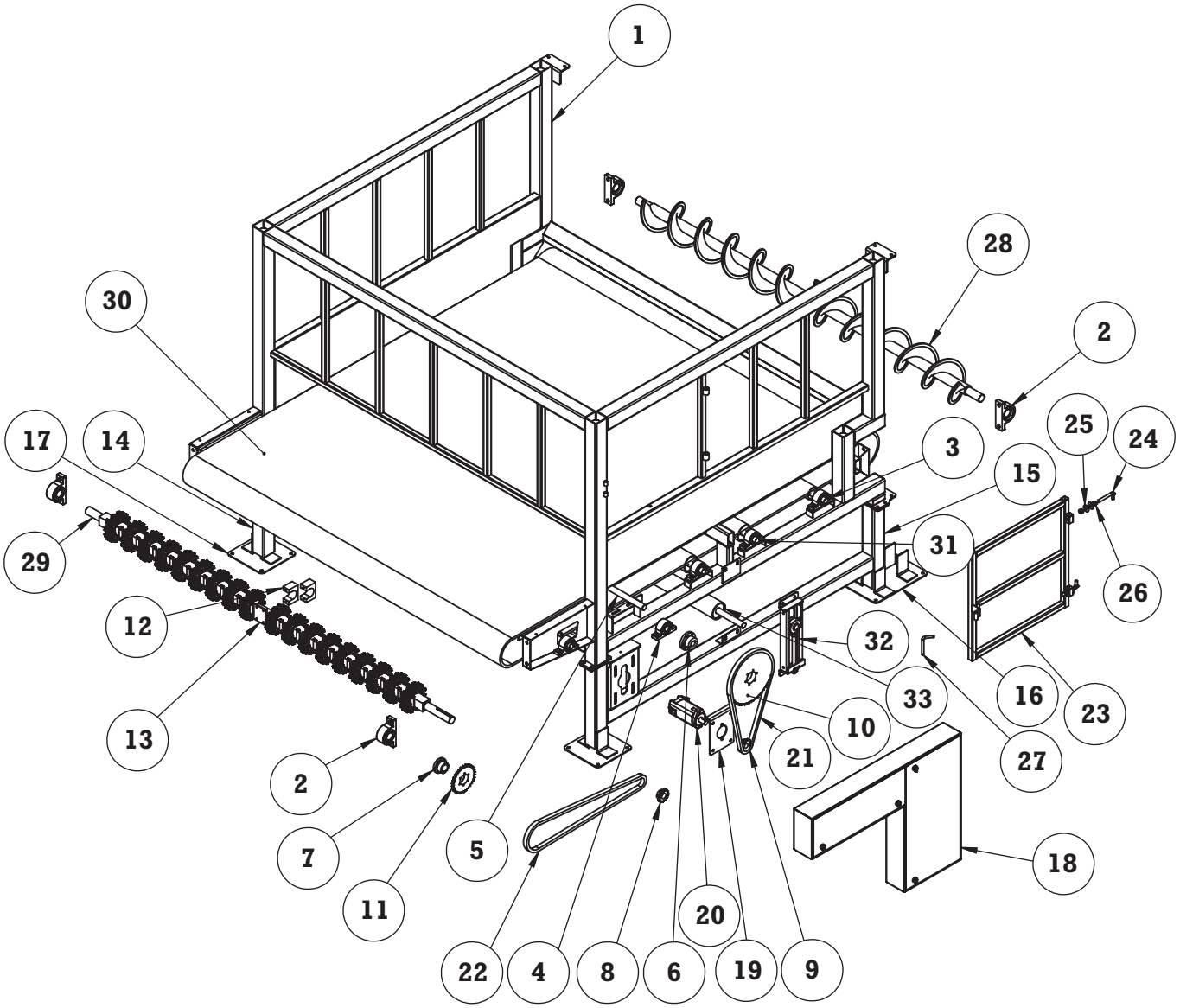


LEFT HAND SYSTEM SHOWN

108" RECEIVING WITH SIDE OUTLET (091-25322)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25323	RECEIVING BELT FRAME WELDMENT 108" WIDE BELT AND SIDE OUTLET
2	4	030-00020-D	PILLOW BLOCK 1-15/16 SEE
3	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
4	10	030-00021-D	PILLOW BLOCK 1-7/16
5	1	670-00060	COUNTER SHAFT 108" BELT
6	1	690-00043	QD BUSHING (SF 1-7/16)
7	1	030-00057	QD BUSHING (SF 1-15/16)
8	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
9	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
10	1	690-00009	SPROCKET 60SF45
11	1	690-00011	SPROCKET 60SF60
12	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
13	1	091-20264	CENTRAL BUSHING CAP
14	1	091-25324WO	RECEIVING BELT SUB-FRAME
15	1	091-25324L	RECEIVING BELT SUB-FRAME WITH DRIVE (LEFT HAND SIDE)
	1	091-25324R	RECEIVING BELT SUB-FRAME WITH DRIVE (RIGHT HAND SIDE)
16	1	091-21672.1	INNER FOOT PAD FOR 108" RECEIVING CAGE
17	1	091-21672.2	INNER FOOT PAD FOR 108" RECEIVING CAGE
18	2	091-21669	3-1/2" FOOT PAD
19	1	091-21863L	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (LEFT HAND SIDE)
	1	091-21863R	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (RIGHT HAND SIDE)
20	1	091-20558	HYDRAULIC MOTOR SUPPORT
21	1	450-00004	HYDRAULIC MOTOR
22	1	110-00001H	ROLLER CHAIN #60 X 6 FOOT (6FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
23	1	110-00001H	ROLLER CHAIN #60 X 8 FOOT (8FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
24	1	091-21852	WIDENED RECEIVING CAGE DOOR
25	2	091-20393	GATE HINGE PIN
26	4	REF	FLATWASHER
27	4	REF	HEX NUT NC
28	1	790-00261	COOPER BASKET GATE PIN
29	1	050-00131	STN STL SCROLL FOR 108" BELT
30	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
31	1	050-00130	108" INTRALOX BELTING 25FT
32	2	091-25348	TAKE-UP ROLLER (SIDE)
33	1	091-25397	TAKE-UP ROLLER (CENTER)
34	2	091-25347-ASSY	TAKE-UP ASSEMBLY — 22" LG

RECEIVING BELT WITH SIDE OUTLET (091-25370)

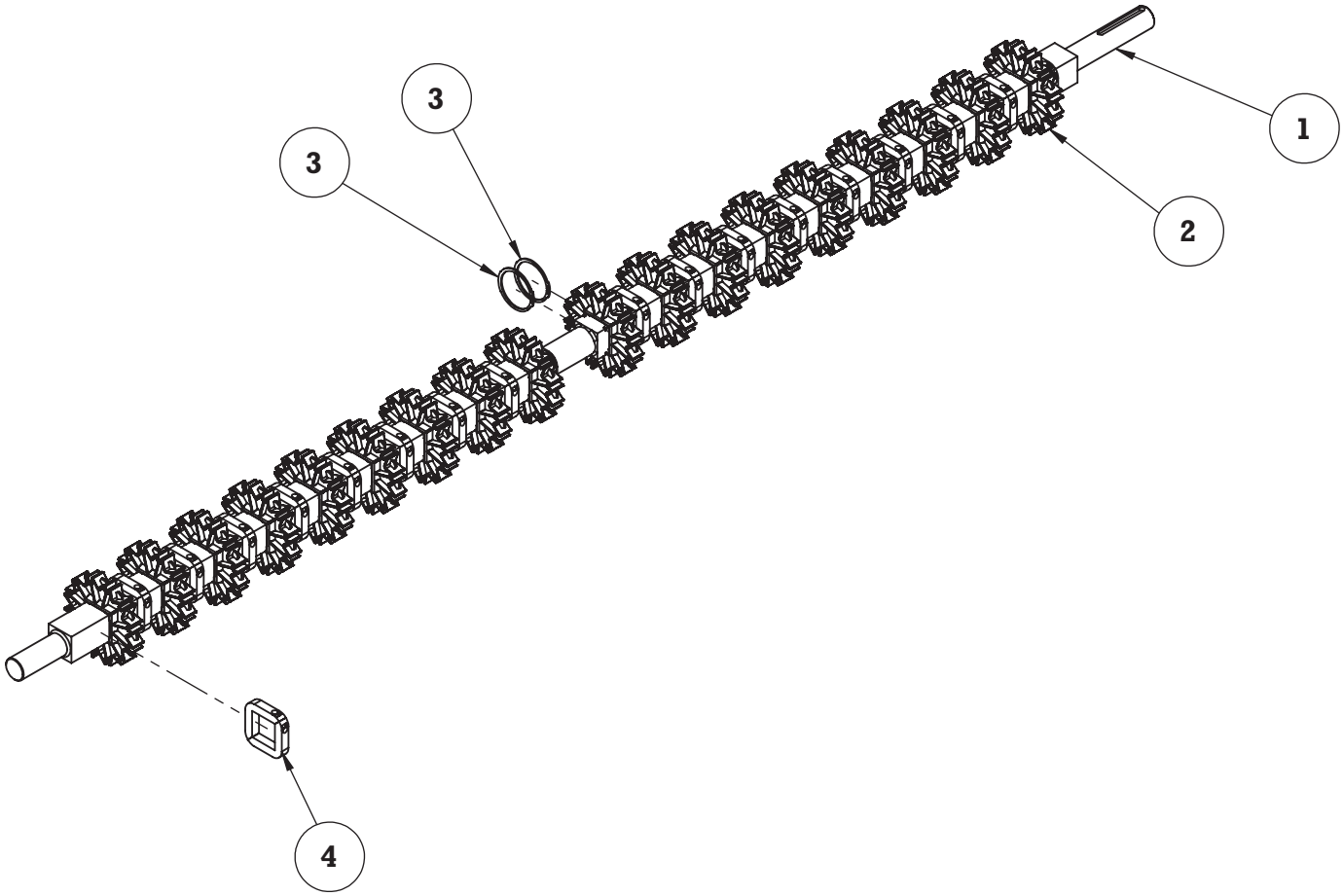


LEFT HAND SYSTEM SHOWN

RECEIVING BELT WITH SIDE OUTLET (091-25370)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25323	RECEIVING BELT FRAME WELDMENT 108" WIDE BELT AND SIDE OUTLET
2	4	030-00020-D	PILLOW BLOCK 1-15/16
3	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
4	10	030-00021-D	PILLOW BLOCK 1-7/16
5	1	670-00060	COUNTER SHAFT 108" BELT
6	1	690-00043	QD BUSHING (SF 1-7/16)
7	1	690-00060	QD BUSHING (SK 1-15/16)
8	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
9	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
10	1	690-00011	SPROCKET 60SF60
11	1	690-00015	SPROCKET 60SK30
12	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
13	1	091-20264	CENTRAL BUSHING CAP
14	1	091-25324WO	RECEIVING BELT SUB-FRAME
15	1	091-25324L	RECEIVING BELT SUB-FRAME WITH DRIVE (LEFT HAND SIDE)
	1	091-25324R	RECEIVING BELT SUB-FRAME WITH DRIVE (RIGHT HAND SIDE)
16	2	091-21672.1	INNER FOOT PAD FOR 108" RECEIVING CAGE
17	2	091-21669	3-1/2" FOOT PAD
18	1	091-21869L	GUARD FOR RECEIVING BELT (LEFT HAND SIDE)
	1	091-21869R	GUARD FOR RECEIVING BELT (RIGHT HAND SIDE)
19	1	091-20558	HYDRAULIC MOTOR SUPPORT
20	1	450-00004	HYDRAULIC MOTOR
21	1	110-00001H	ROLLER CHAIN #60 (6 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
22	1	110-00001H	ROLLER CHAIN #60 (7 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
23	1	091-21852	WIDENED RECEIVING CAGE DOOR
24	2	091-20393	GATE HINGE PIN
25	4	REF.	FLATWASHER
26	4	REF	HEX NUT NC
27	1	790-00261	COOPER BASKET GATE PIN
28	1	050-00131	STN STL SCROLL FOR 108" BELT
29	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
30	1	050-00130	108" INTRALOX BELTING (28 FOOT LONG)
31	2	091-25348	TAKE-UP ROLLER (SIDE)
32	2	091-25347-ASS'Y	TAKE-UP ASSEMBLY — 22" LG
33	1	091-25397	TAKE-UP ROLLER (CENTER)

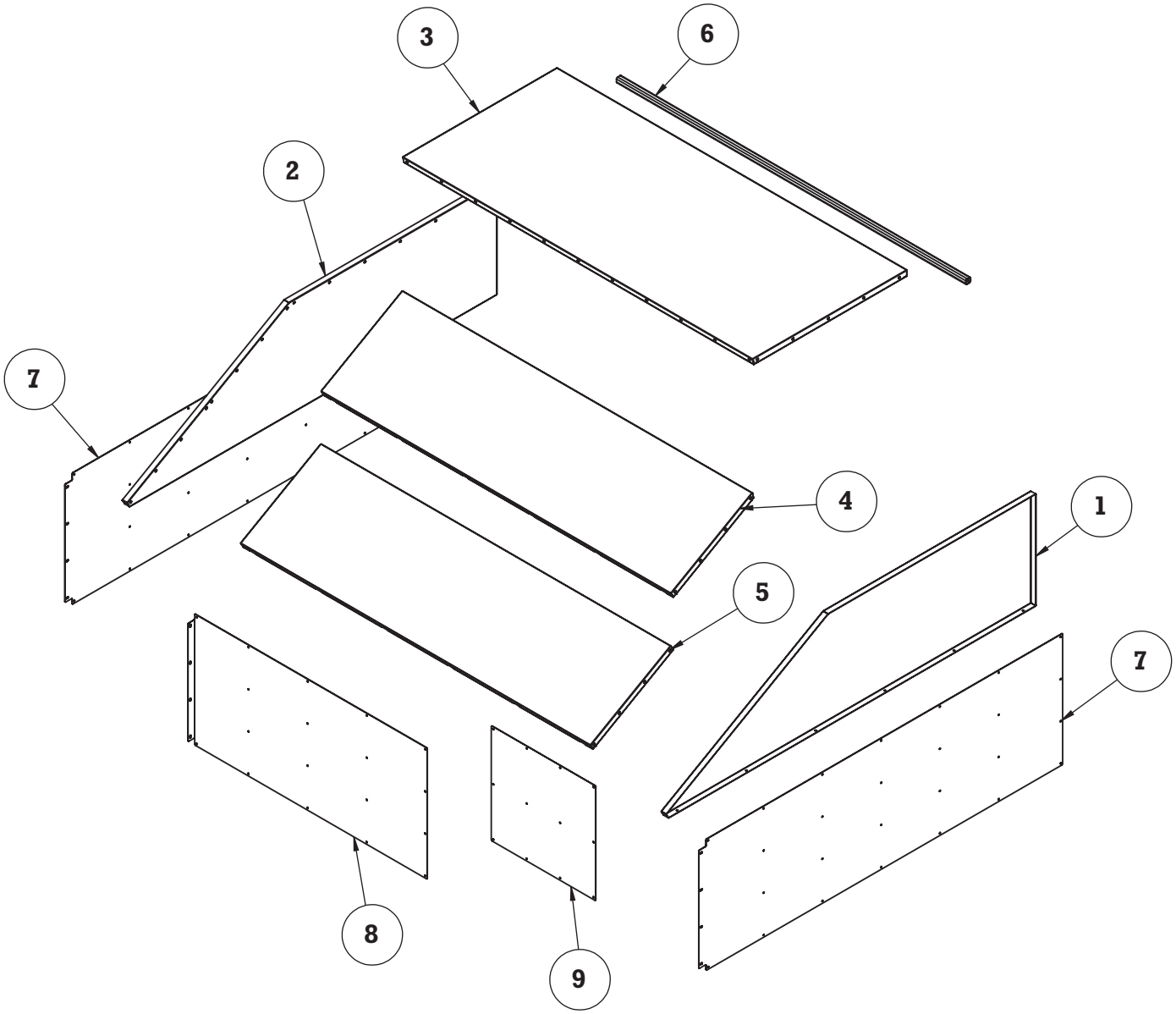
COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT (091-21331)



COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT (091-21331)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	670-00058	RECIEVING CAGE (108") DRIVE SHAFT
2	18	050-00071	7.7" INTRALOX SPROCKET
3	2	050-00025	SS RETAINER RING FOR 2-1/2 INTRALOX SHAFT
4	19	410-00025-01	RETAINER BRACKET ASSEMBLY

108" RECEIVING BELT COVER ASSEMBLY (091-25392)

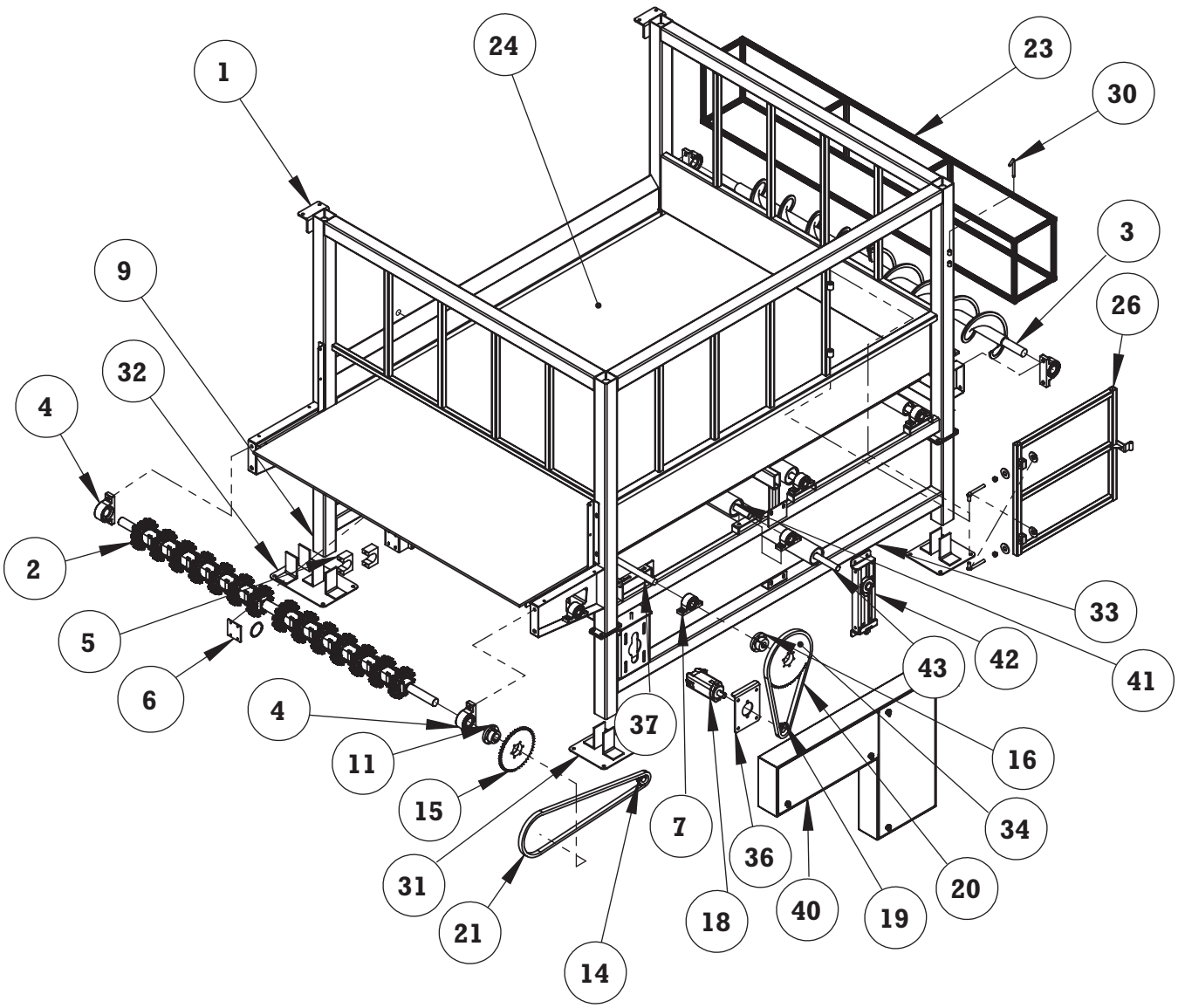


108" RECEIVING BELT COVER ASSEMBLY (091-25392)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24350L	RECEIVING CAGE SIDE COVER
2	1	091-24350R	RECEIVING CAGE SIDE COVER
3	1	091-24351	RECEIVING BELT TOP COVER (FLAT)
4	1	091-24352	RECEIVING BELT TOP COVER (ANGLED TOP)
5	1	091-24353	RECEIVING BELT TOP COVER (ANGLED BOTTOM)
6	1	091-24354	RECEIVING CAGE TUBING STIFFNER
7	2	091-24355	RECEIVING BELT SIDE SHEET-01
8	1	091-24356	RECEIVING BELT SIDE SHEET-02
9	1	091-24357	RECEIVING BELT DOOR COVER

Cage Unloading System

88” BACK OUTLET (091-25303B)

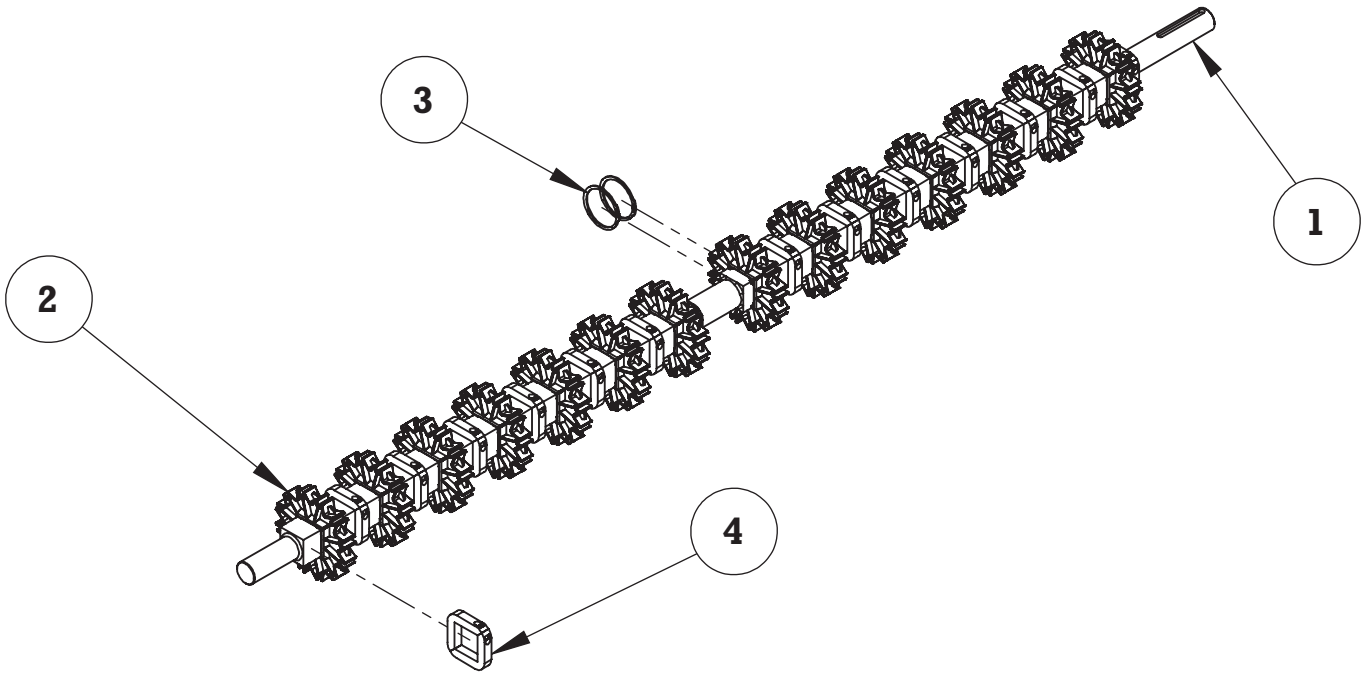


LEFT HAND SYSTEM SHOWN

88" BACK OUTLET (091-25303B)

ITEM	QTY.	P/N LHS	DESCRIPTION
1	1	091-25304L	RECEIVING CAGE FRAME (88" BACK OUTLET) (LEFT HAND SIDE)
	1	091-25304R	RECEIVING CAGE FRAME (88" BACK OUTLET) (RIGHT HAND SIDE)
2	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
3	1	050-00020	SS SCROLL FOR 88" BELT
4	4	030-00020-D	PILLOW BLOCK 1-15/16
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK 1-7/16
8	2	590-00024	IDLER ROLLER FOR 88" INTRALOX BELT
9	1	091-21316	RECEIVING CAGE SUB-FRAME (88")
11	1	030-00057	QD BUSHING (SF 1-15/16)
14	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
15	1	690-00009	SPROCKET 60SF45
16	1	690-00043	QD BUSHING (SF 1-7/16)
18	1	450-00004	HYDRAULIC MOTOR
19	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
20	1	110-00001H	ROLLER CHAIN #60 (6 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
21	1	110-00001H	ROLLER CHAIN #60 (8 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
23	1	091-21352	SCROLL GUARD FOR 88" BELT
24	1	050-00028	108" INTRALOX BELTING
26	1	091-21852	WIDENED RECEIVING CAGE DOOR
27	2	091-20393	GATE HINGE PIN
28	4	—	FLATWASHER
29	4	—	HEX NUT NC (5/8")
30	1	790-00261	COOPER BASKET GATE PIN
31	2	091-21669	3-1/2" FOOT PAD
32	2	091-21674	DOUBLE FOOT PAD FOR RECEIVING CAGE
33	1	091-21319L	RECEIVING CAGE SUB-FRAME WITH DRIVE (LEFT HAND SIDE)
	—	091-21319R	RECEIVING CAGE SUB-FRAME WITH DRIVE (RIGHT HAND SIDE)
34	1	690-00011	SPROCKET 60SF60
36	1	091-20558	HYDRAULIC MOTOR SUPPORT
37	1	670-00009	COUNTER SHAFT 88" BELT
38	3	REF	SCREW SET SQ HD CUP POINT
39	3	REF	HEX JAM NUT NC
40	1	091-21863L	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (LEFT HAND SIDE)
	1	091-21863R	GUARD FOR RECEIVING BELT JANUARY 2015 AND UP (RIGHT HAND SIDE)
41	2	091-25391	TAKE-UP ROLLER SIDE (88" BELT)
42	2	091-25347-ASSY	TAKE-UP ASSEMBLY — 22" LG
43	1	091-25390	TAKE-UP ROLLER CENTER (88" BELT)

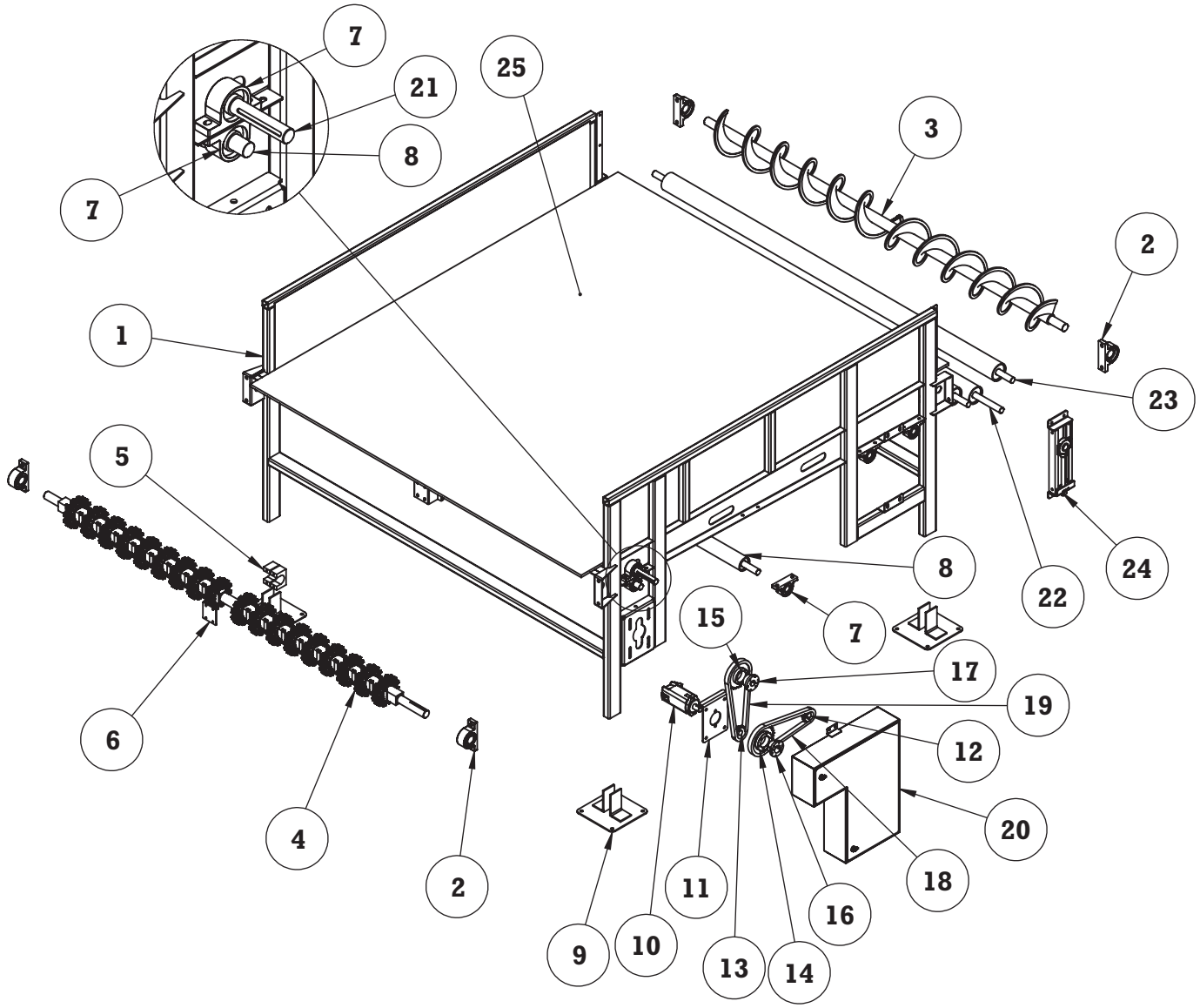
COMPLETE DRIVE SHAFT ASSEMBLY 88” BELT (091-21330)



COMPLETE DRIVE SHAFT ASSEMBLY 88" BELT (091-21330)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	670-00028	RECIEVING CAGE (88") DRIVE SHAFT
2	14	050-00071	7.7" INTRALOX SPROCKET
3	2	050-00025	SS RETAINER RING FOR 2-1/2 INTRALOX SHAFT
4	15	410-00025-01	RETAINER BRACKET ASSEMBLY

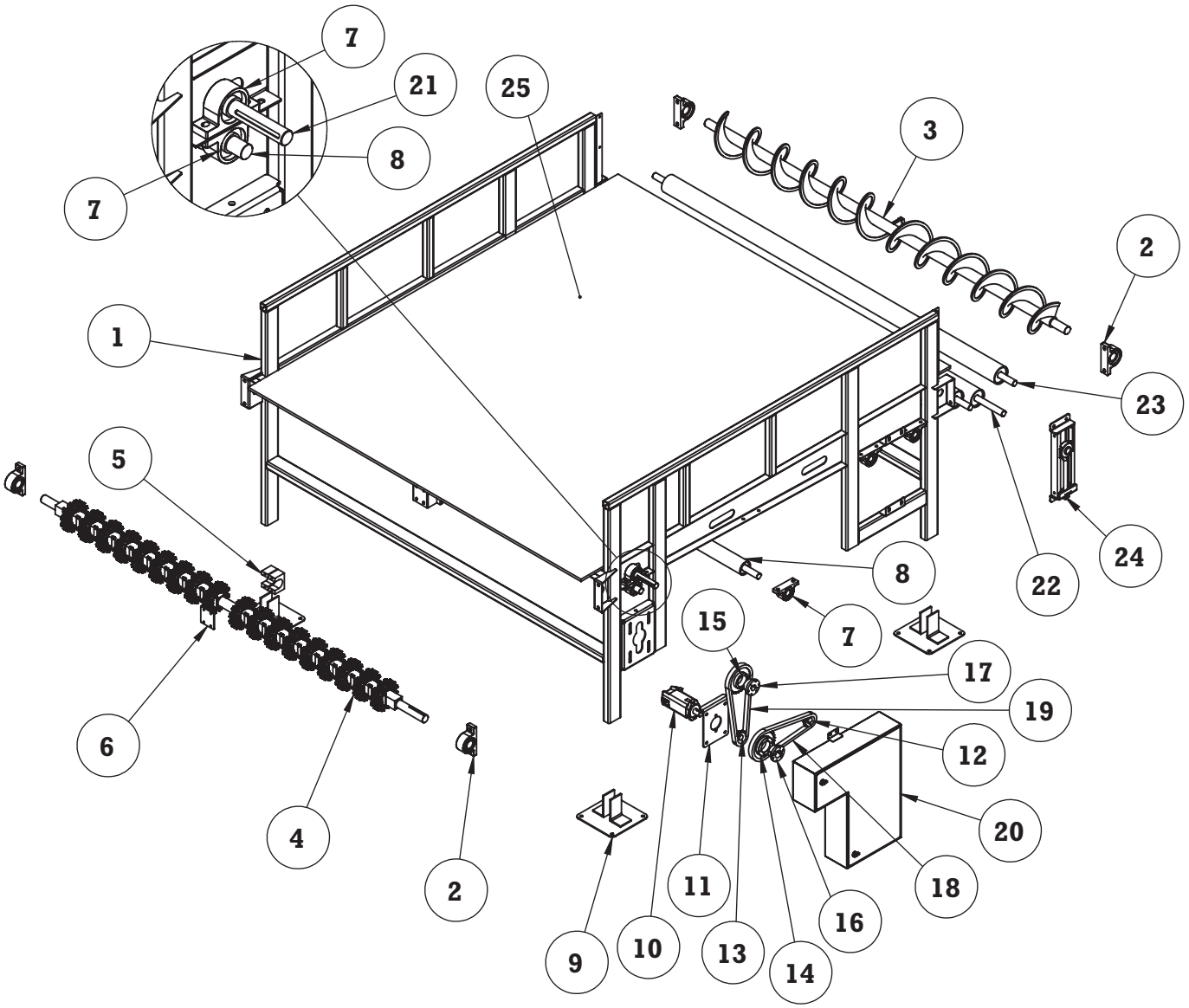
108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.1)
SIDE INLET TO HANGING BELT



108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25409L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
	1	091-25409R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
		091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	28 FT	050-00130	108" INTRALOX BELTING

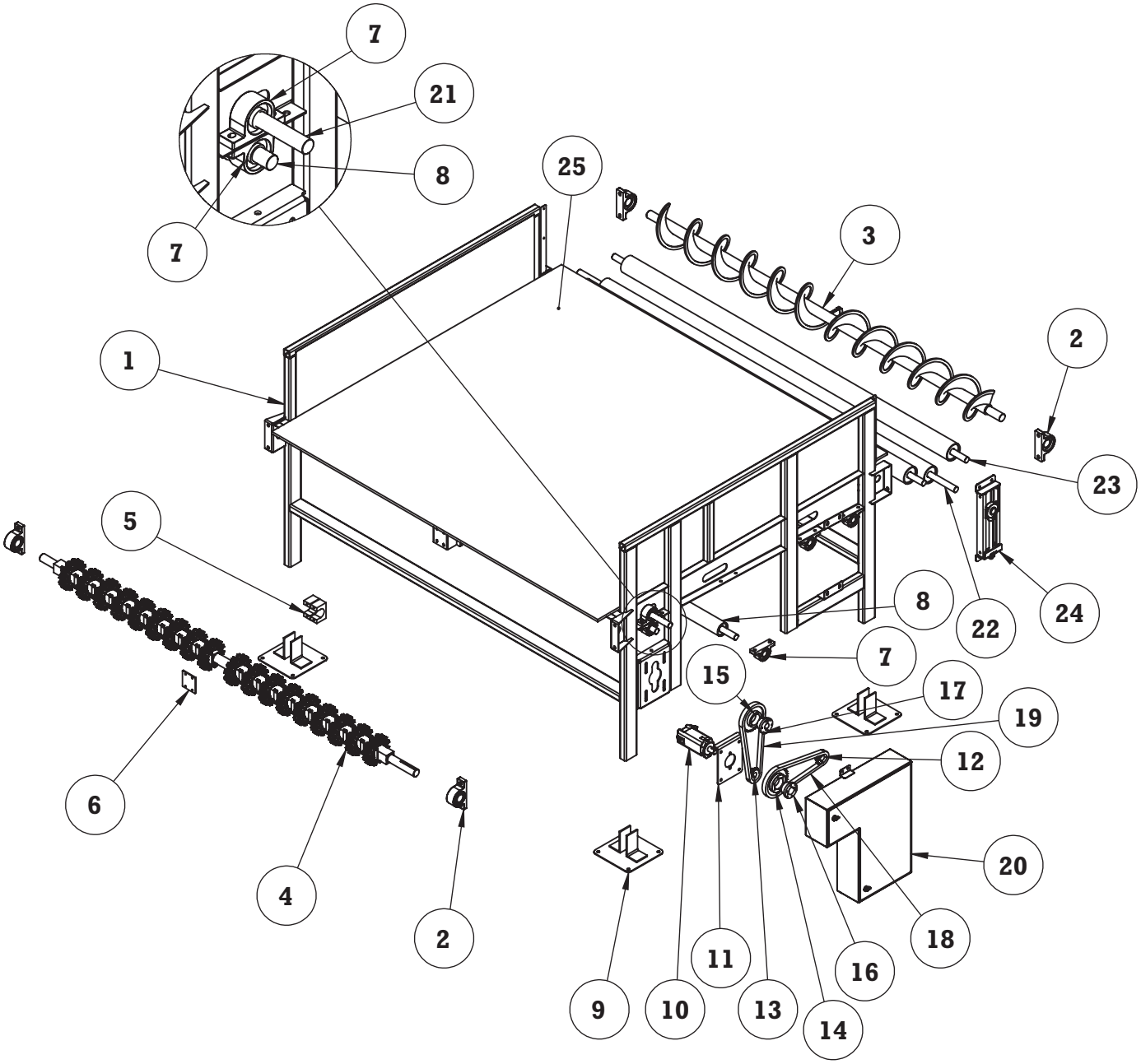
108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.2)
STRAIGHT IN TO HANGING BELT



108" X 10' EXTENSION BELT WITH TAKE UP (091-25409-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25409LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
	1	091-25409RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
		091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	28 FT	050-00130	108" INTRALOX BELTING

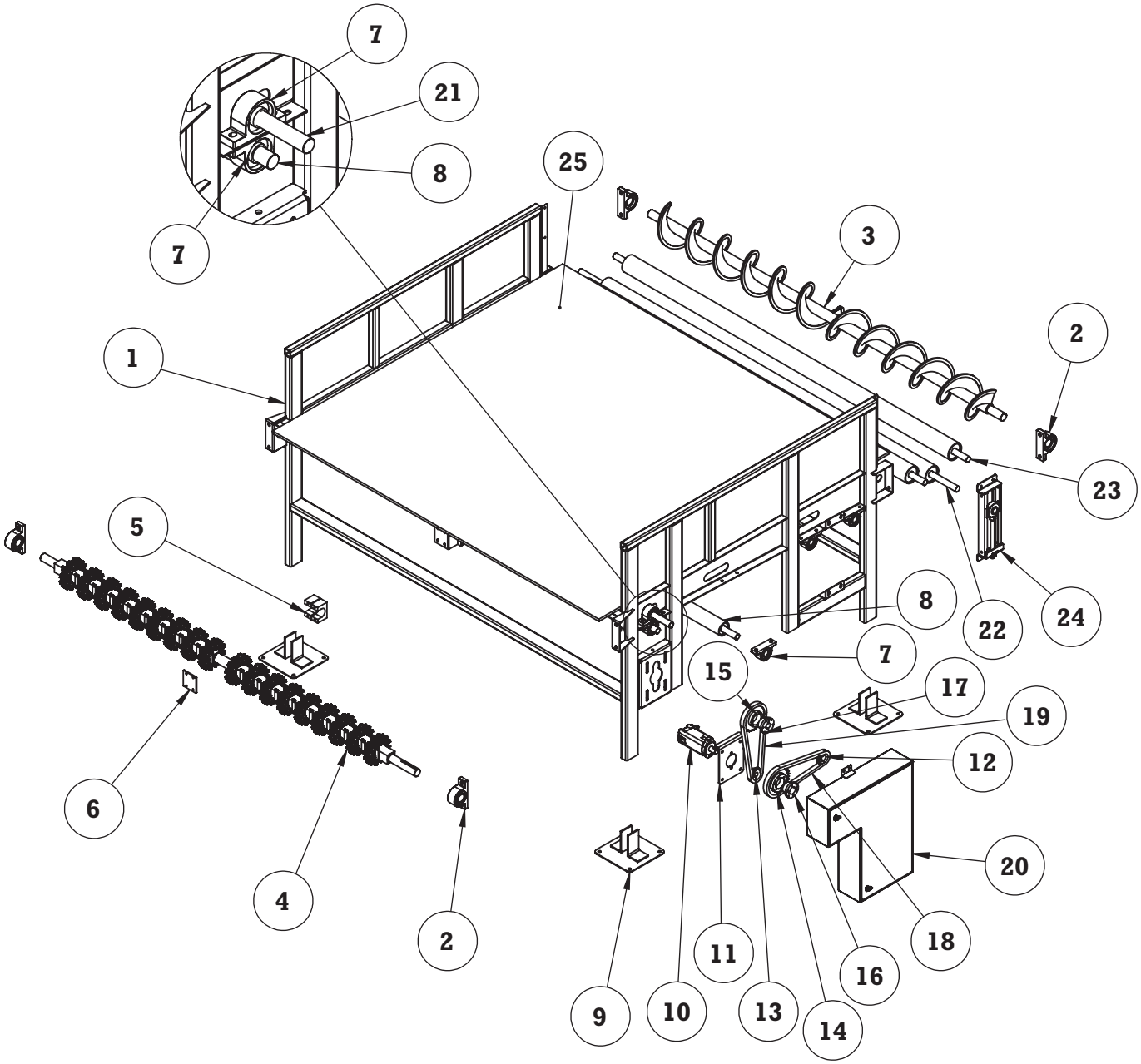
108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.1)
SIDE INLET TO HANGING BELT



108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25410L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM
	1	091-25410R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	24 FT	050-00130	108" INTRALOX BELTING

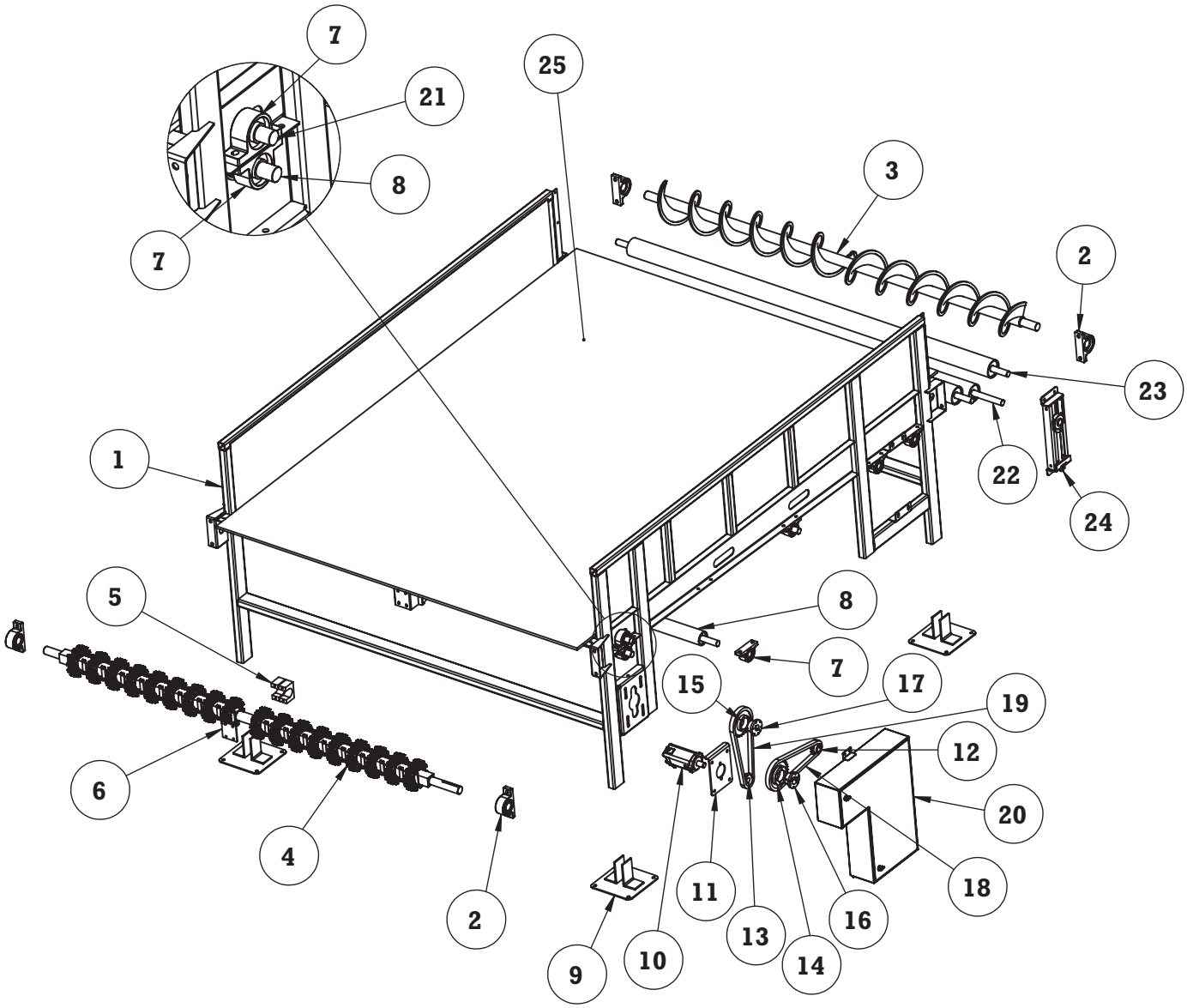
108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.2)
STRAIGHT IN TO HANGING BELT



108" X 8' EXTENSION BELT WITH TAKE UP (091-25410-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25410LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
	1	091-25410RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	24 FT	050-00130	108" INTRALOX BELTING

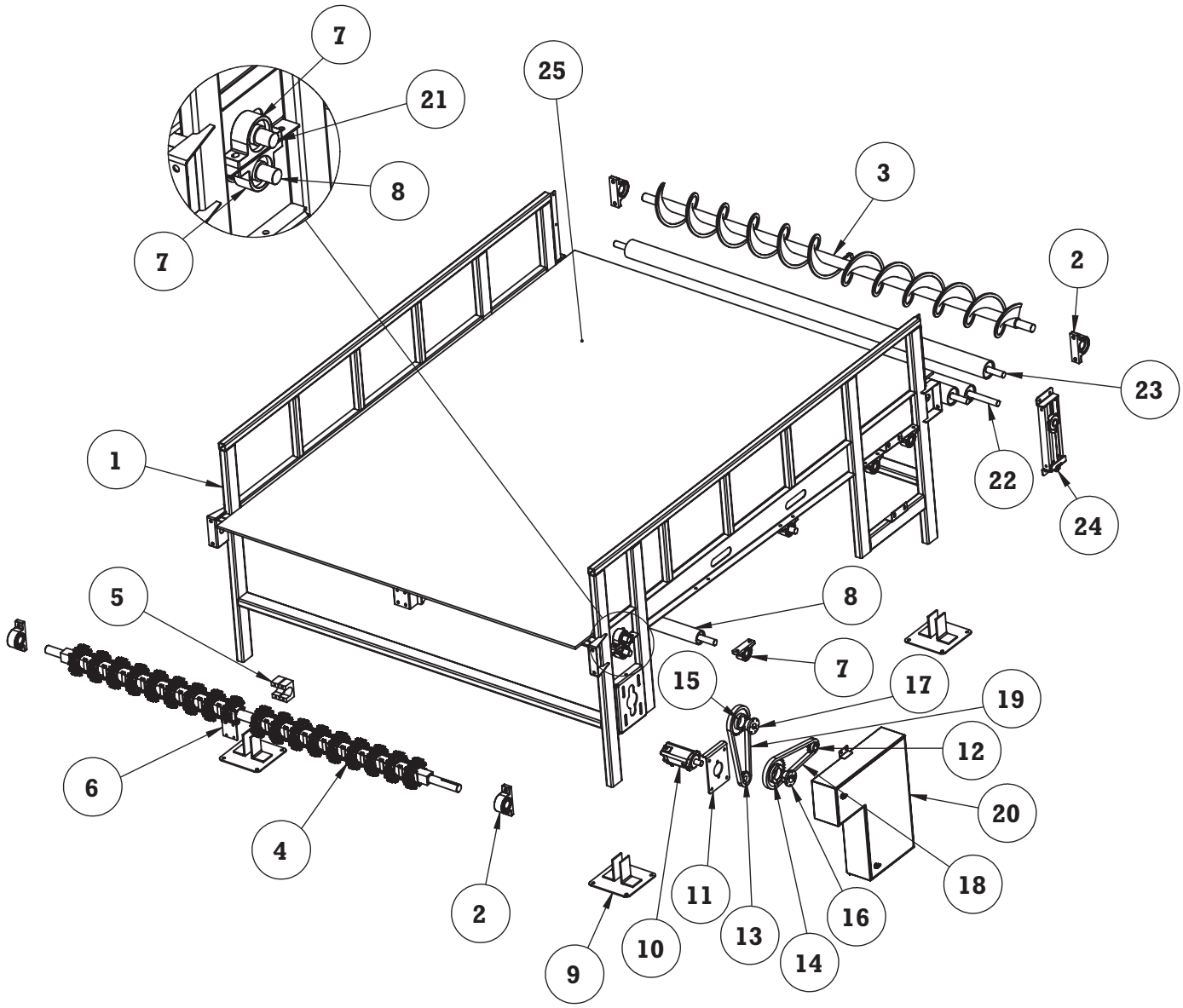
108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.1)
SIDE INLET TO HANGING BELT



108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25411L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25411R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	12	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	3	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	32 FT	050-00130	108" INTRALOX BELTING

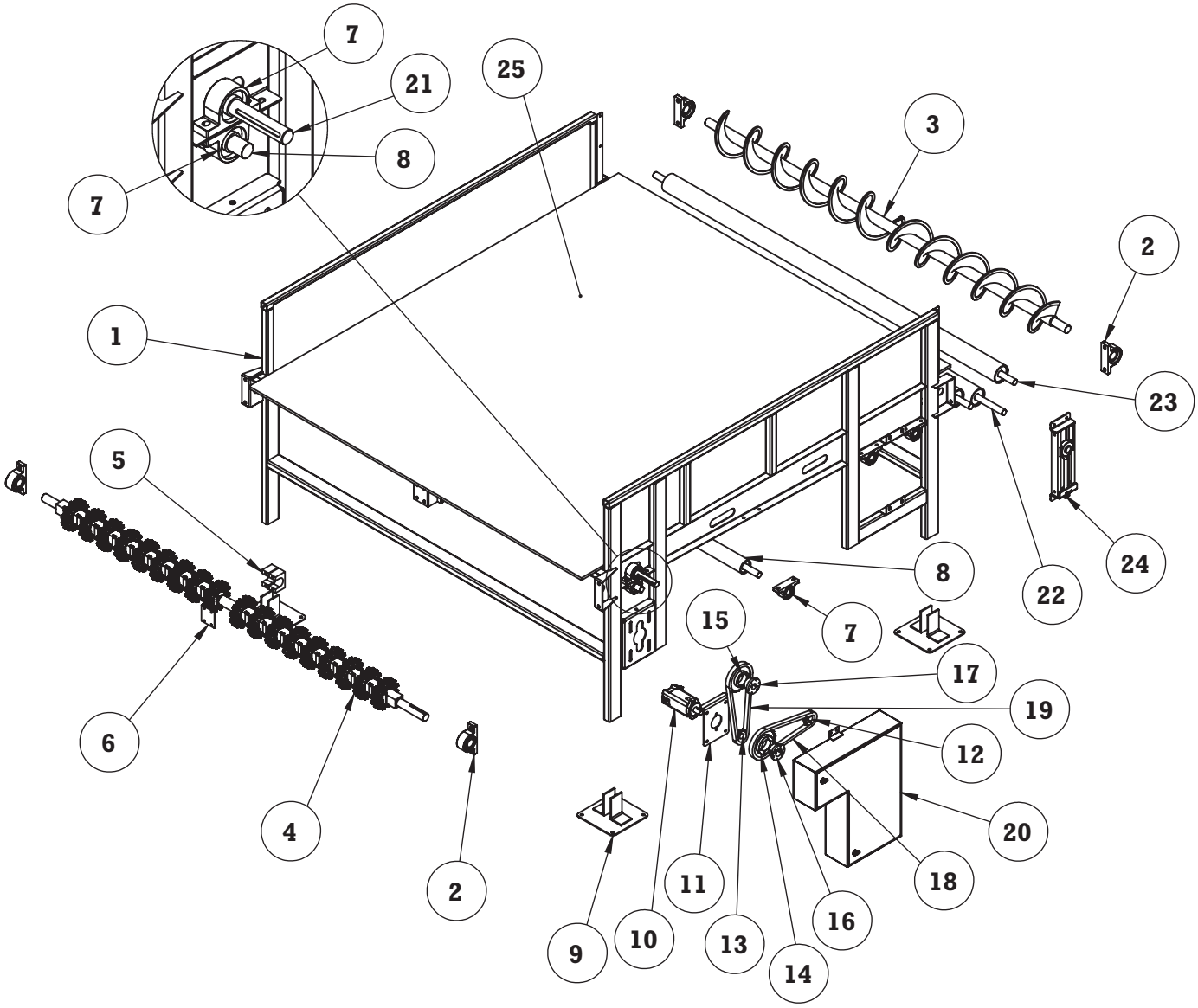
108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.2)
STRAIGHT IN TO HANGING BELT



108" X 12' EXTENSION BELT WITH TAKE UP (091-25411-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25411LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
	1	091-25411RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	12	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	3	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	091-25329A	COUNTER SHAFT FOR 108" EXTENSION BELT
22	1	091-25397	TAKE UP ROLLER (CENTER)
23	2	091-25348	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	32 FT	050-00130	108" INTRALOX BELTING

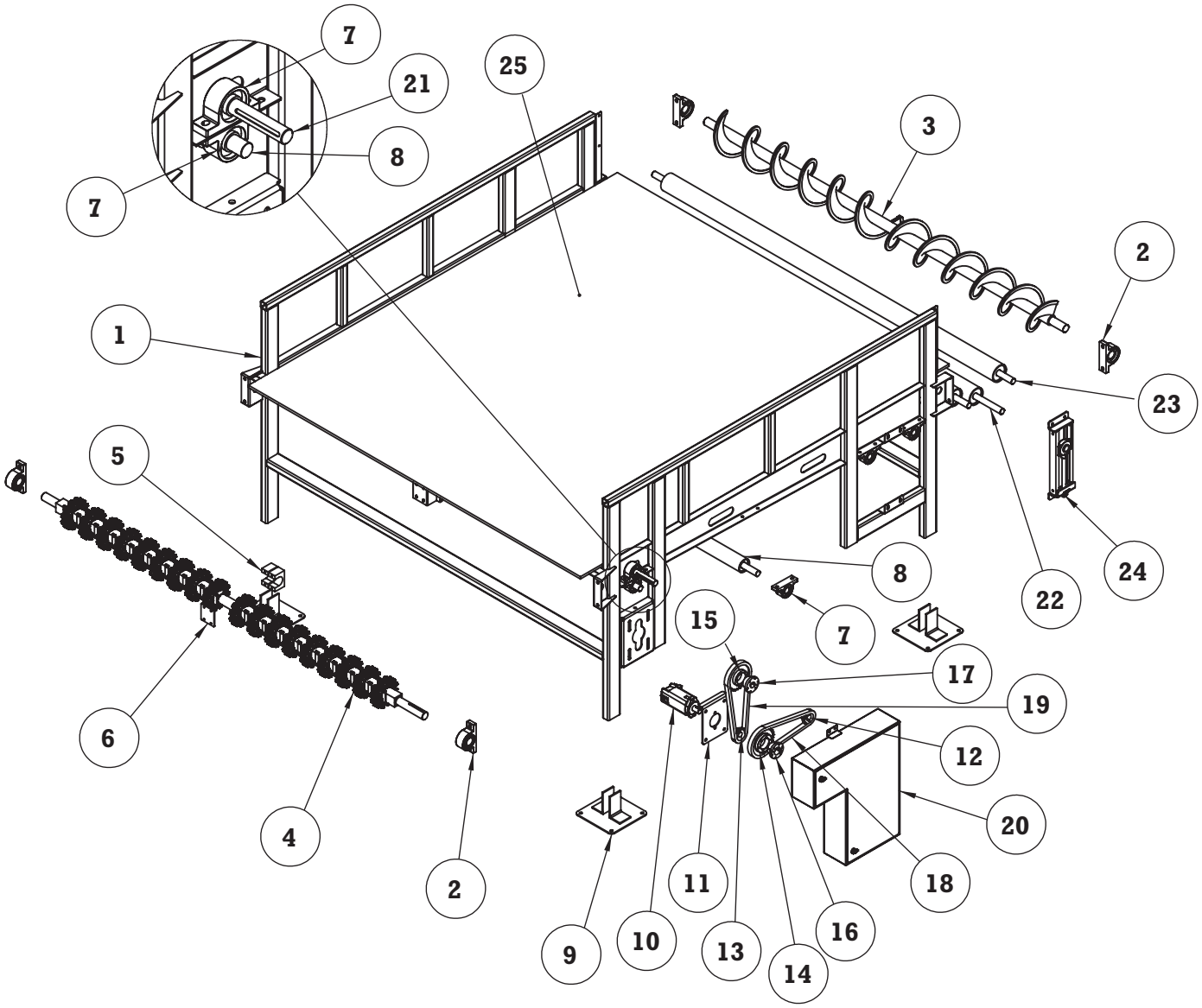
88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.1)
SIDE INLET TO HANGING BELT



88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25412L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25412R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	28 FT	050-00028	88" INTRALOX BELTING

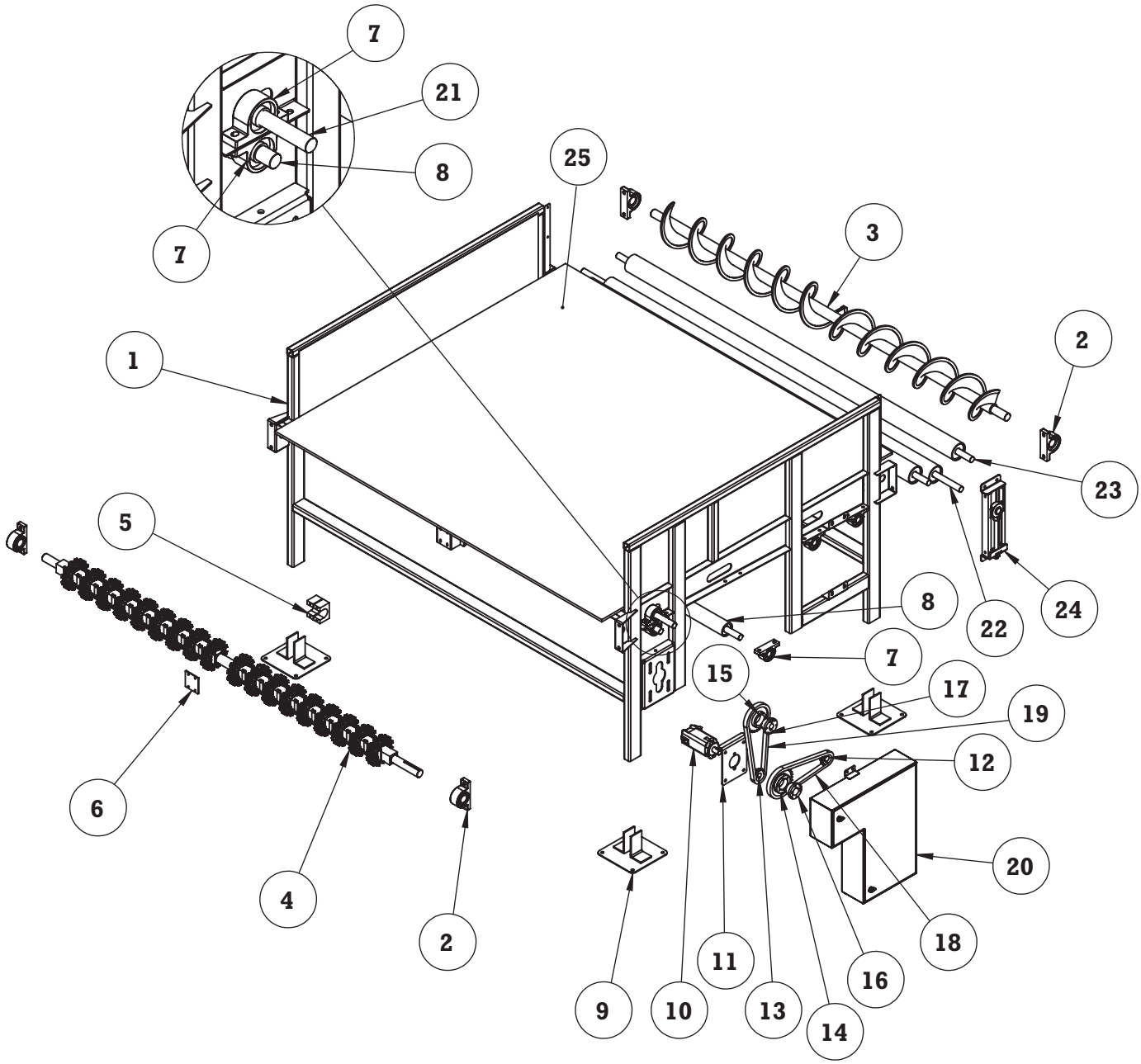
88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.2)
STRAIGHT IN TO HANGING BELT



88" X 10' EXTENSION BELT WITH TAKE UP (091-25412-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25412LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25412RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
		091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	28 FT	050-00028	88" INTRALOX BELTING

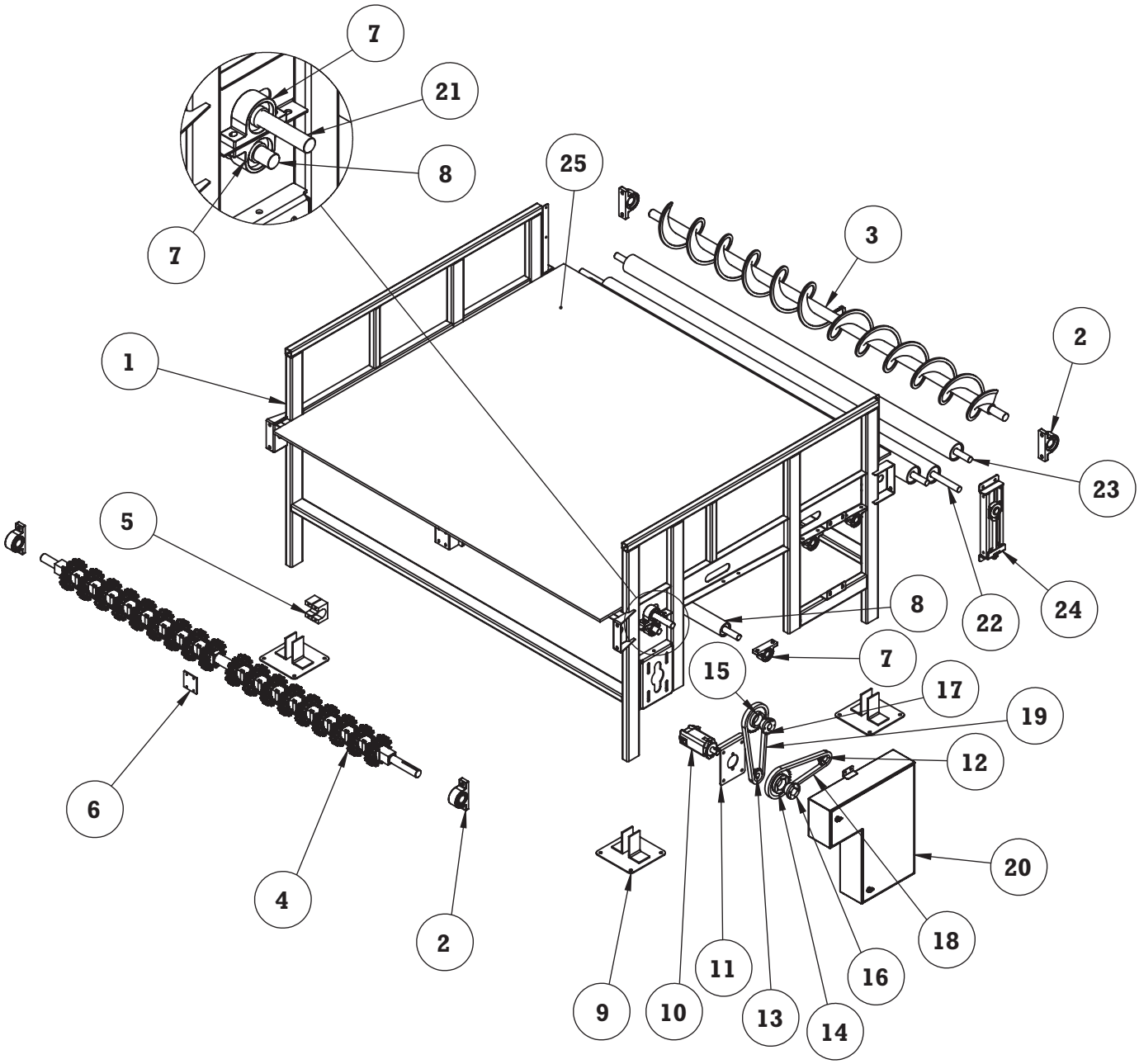
88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.1)
SIDE INLET TO HANGING BELT



88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25413L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
	1	091-25413R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	24 FT	050-00028	88" INTRALOX BELTING

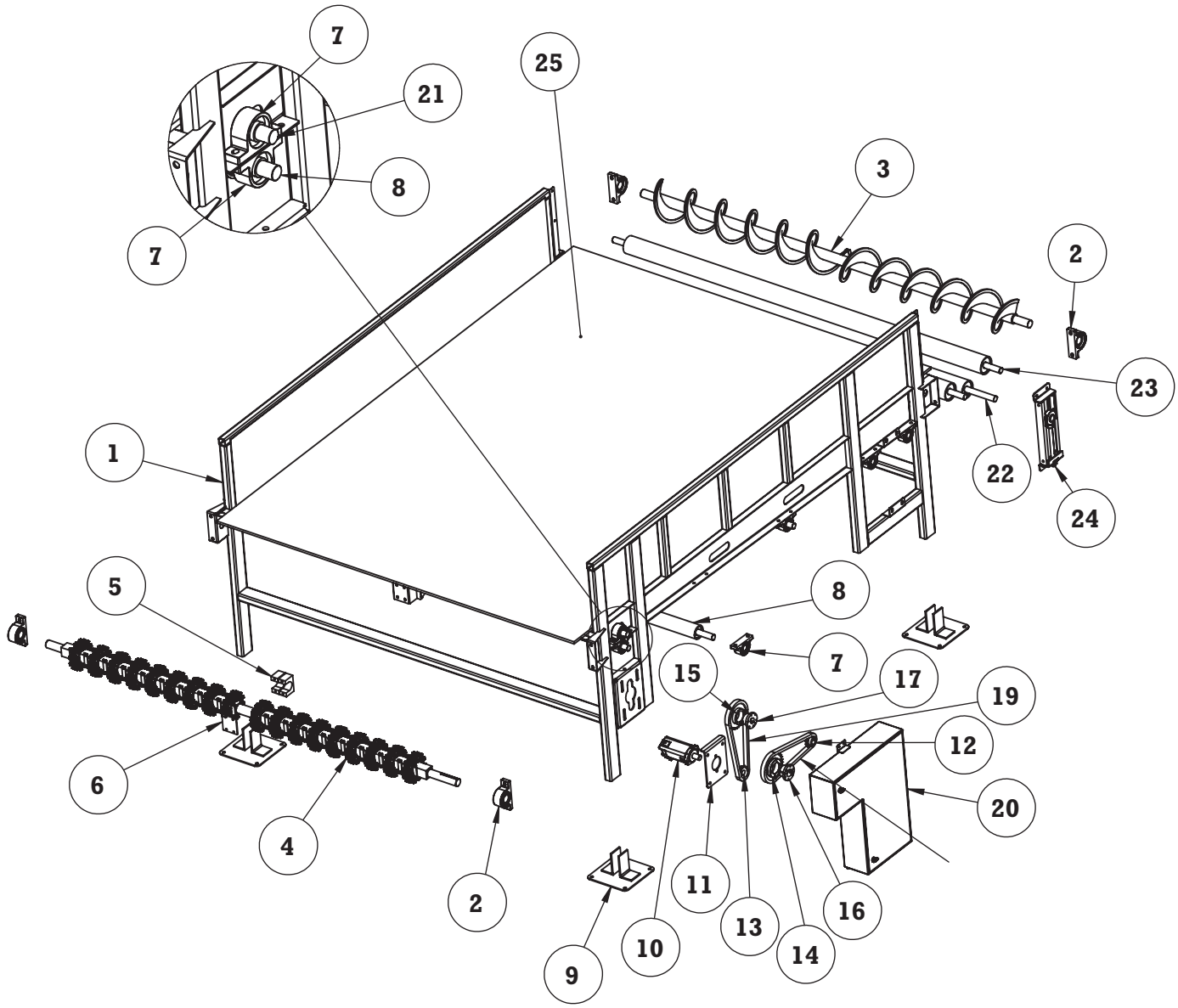
88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.2)
STRAIGHT IN TO HANGING BELT



88" X 8' EXTENSION BELT WITH TAKE UP (091-25413-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25413LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25413RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	10	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	2	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
		091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	24 FT	050-00028	88" INTRALOX BELTING

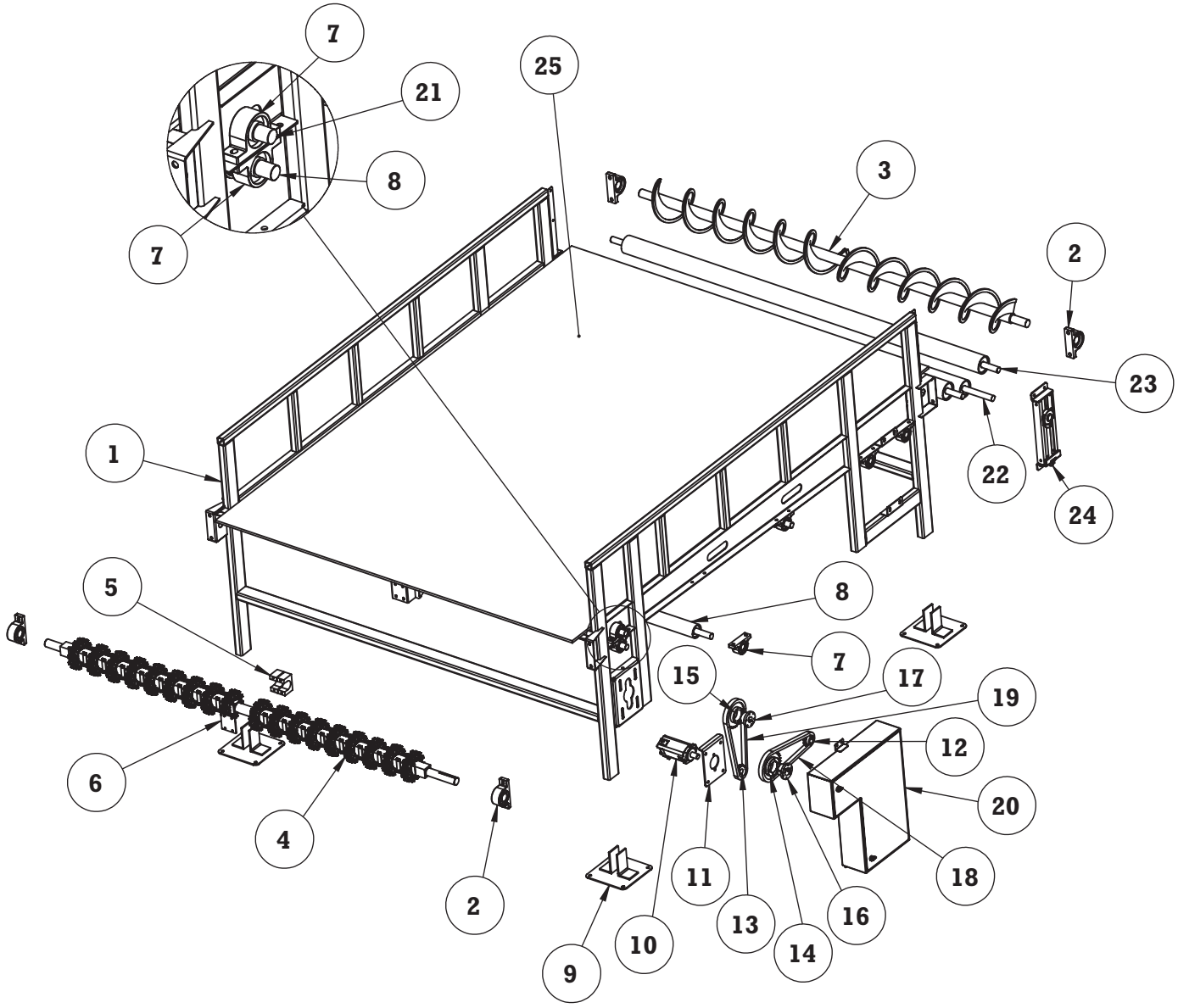
88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.1)
SIDE INLET TO HANGING BELT



88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.1) SIDE INLET TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25414L	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25414R	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	12	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	3	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00022	QD BUSHING (SK 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
		091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	32 FT	050-00028	88" INTRALOX BELTING

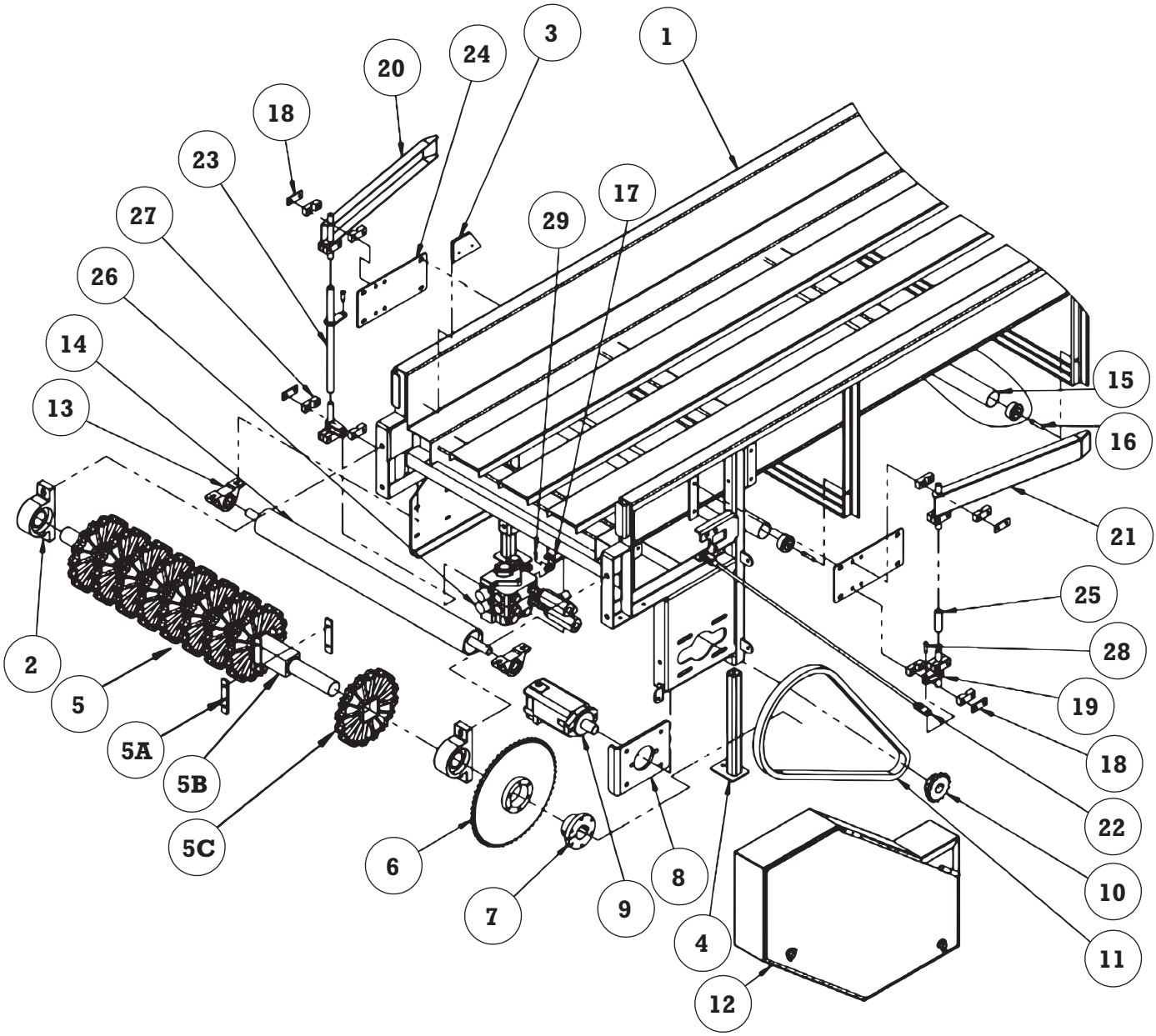
88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.2)
STRAIGHT IN TO HANGING BELT



88" X 12' EXTENSION BELT WITH TAKE UP (091-25414-ASSY.2) STRAIGHT IN TO HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25414LS	EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
		091-25414RS	EXTENSION BELT FRAME WELDMENT (RIGHT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK BEARING 1-15/16"
3	1	050-00020	STN STL SCROLL FOR 88" BELT
4	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CAP
7	12	030-00021-D	PILLOW BLOCK BEARING 1-7/16"
8	3	590-00024	IDLER ROLLER FOR 88" INTRALOX
9	4	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 - 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 - 1-7/16" BORE (48" HANGING BELT WIDTH)
13	1	690-00044	SPROCKET 60BS15 - 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 - 1-1/4" BORE (48" HANGING BELT WIDTH)
14	1	690-00015	SPROCKET 60SK30
15	1	690-00006	SPROCKET 60SDS20
16	1	690-00060	QD BUSHING (SK 1-15/16")
17	1	690-00021	QD BUSHING (SDS 1-7/16")
18	1	110-00001H	ROLLER CHAIN #60 - (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 - (4.5 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21895L	GUARD FOR EXTENSION BELT (LEFT HAND DRIVE SYSTEM)
	1	091-21895R	GUARD FOR EXTENSION BELT (RIGHT HAND DRIVE SYSTEM)
21	1	670-00009	COUNTER SHAFT FOR 88" EXTENSION BELT
22	1	091-25390	TAKE UP ROLLER (CENTER)
23	2	091-25391	TAKE UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE UP ASSEMBLY - 22" LONG
25	32 FT	050-00028	88" INTRALOX BELTING

STANDARD DRIVE END ASSEMBLY (24" WIDE)



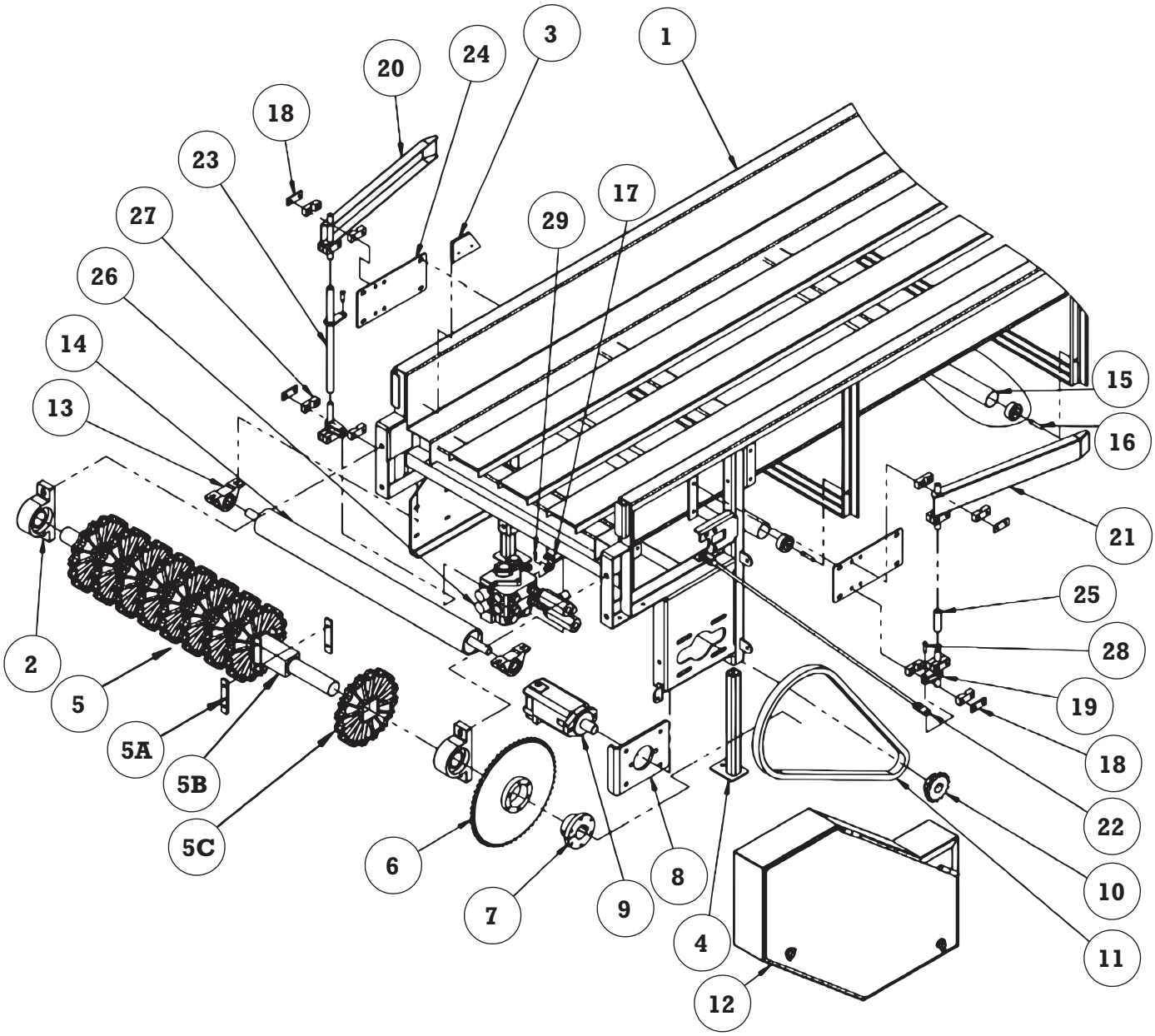
LEFT HAND SYSTEM SHOWN

STANDARD DRIVE END ASSEMBLY (24" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		HANGING BELT DRIVE END WELDMENT
2	2	030-00020-D	PILLOW BLOCK 1-15/16"
3	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	1	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
4	4	091-21328	HANGING BELT FOOT
5	1	091-21332.1	24" DRIVE SHAFT ASSEMBLY = (ITEMS 5A, 5B, & 5C)
5A	14	410-00025	SPROCKET RETAINER
5B	1	670-00029	24" DRIVE SHAFT
5C	6	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
6	1	690-00011	SPROCKET 60SF60
7	1	030-00057	QD BUSHING (SF 1-15/16")
8	1	091-20762	MOTOR PLATE
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	1	091-21364L	DRIVE CHAIN GUARD ASSEMBLY (LEFT SIDE DRIVE)
	1	091-21364R	DRIVE CHAIN GUARD ASSEMBLY (RIGHT SIDE DRIVE)
13	2	030-00023	1" PILLOW BLOCK
14	1	590-00051	24" SNUB ROLLER ASSEMBLY
15	3	590-00008	24" COMPLETE CONDUIT ROLLER ASSEMBLY
16	6	590-00022	BALL STUD KIT (STUD, 2 NUTS, 2 LOCK WASHERS)
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	8	091-20801	UHMW BEARING CAP
19	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
20	1	091-21375R	CONTROL LEVER ASSEMBLY
21	1	091-21375L	CONTROL LEVER ASSEMBLY
22			CONNECTING ROD ASSEMBLY (THIS IS NOT AVAILABLE ON 24" HANGING BELT)
23	1	091-21386	CONNECTOR PIPE WITH CRANK
24	2	091-20872	VALVE LEVER PLATE
25	1	091-20915	SHORT CONNECTOR PIPE
26	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
27	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
28	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
29	2	210-00847	1/4" X 1" CLEVIS PIN
	AS REQUIRED	050-00032	24" SERIES 800 INTRALOX® BELTING

Cage Unloading System

STANDARD DRIVE END ASSEMBLY (36" WIDE)

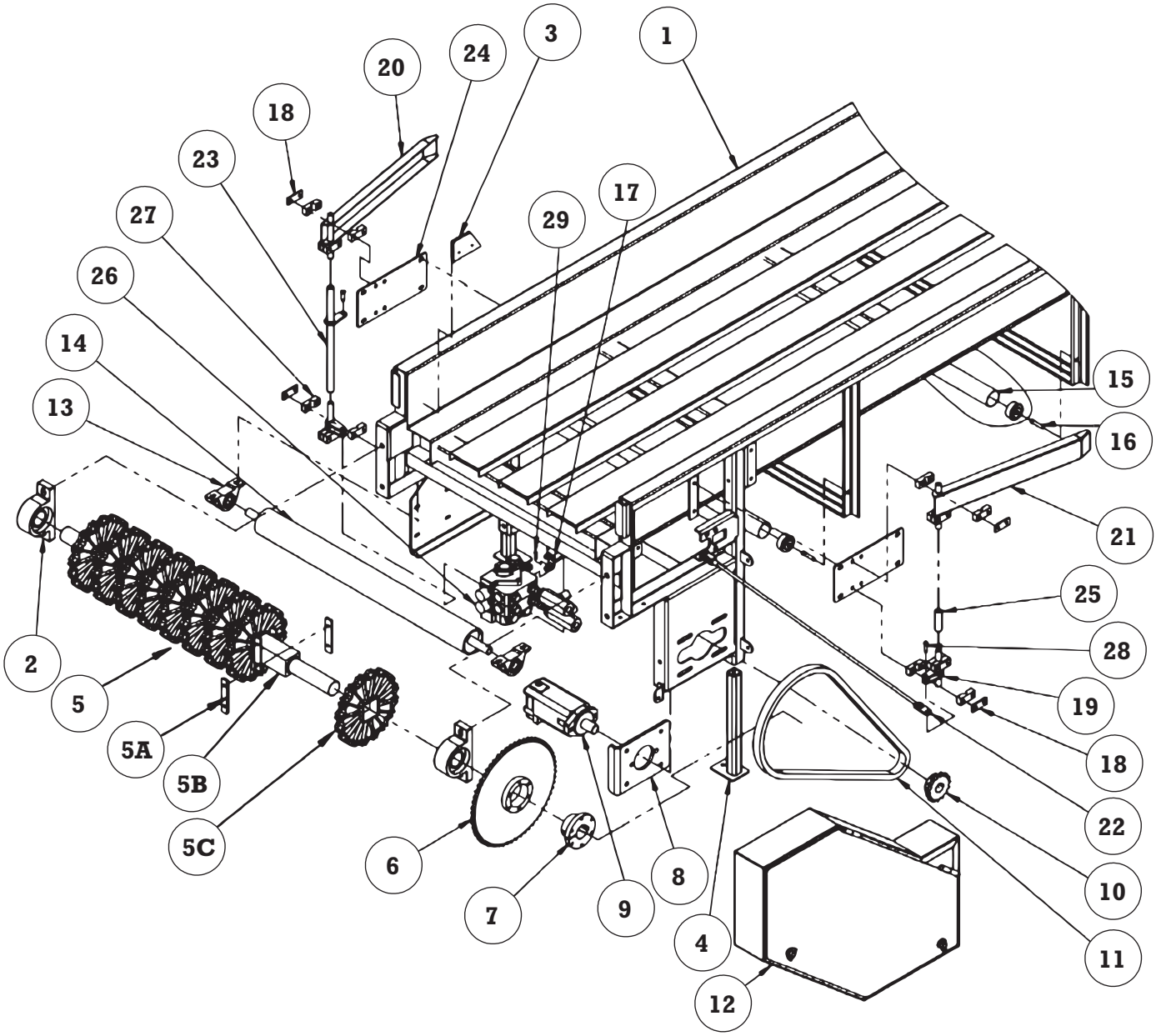


LEFT HAND SYSTEM SHOWN

STANDARD DRIVE END ASSEMBLY (36" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		HANGING BELT DRIVE END WELDMENT
2	2	030-00020-D	PILLOW BLOCK 1-15/16"
3	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	1	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
4	4	091-21328	HANGING BELT FOOT
5	1	091-21332.2	36" DRIVE SHAFT ASSEMBLY = (ITEMS 5A, 5B, & 5C)
5A	20	410-00025	SPROCKET RETAINER
5B	1	670-00030	36" DRIVE SHAFT
5C	9	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
6	1	690-00011	SPROCKET 60SF60
7	1	030-00057	QD BUSHING (SF 1-15/16")
8	1	091-20762	MOTOR PLATE
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	1	091-21364L	DRIVE CHAIN GUARD ASSEMBLY (LEFT SIDE DRIVE)
	1	091-21364R	DRIVE CHAIN GUARD ASSEMBLY (RIGHT SIDE DRIVE)
13	2	030-00023	1" PILLOW BLOCK
14	1	590-00052	36" SNUB ROLLER ASSEMBLY
15	3	590-00004	36" COMPLETE CONDUIT ROLLER 36" SS BELT (SEE PAGE 6-19, FOR OTHER LENGTHS)
16	6	590-00022	BALL STUD KIT (STUD, 2 NUTS, 2 LOCK WASHERS)
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	8	091-20801	UHMW BEARING CAP
19	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
20	1	091-21375R	CONTROL LEVER ASSEMBLY
21	1	091-21375L	CONTROL LEVER ASSEMBLY
22	1	091-21387	CONNECTION ROD FOR HANGING BELT
23	1	091-21386	CONNECTOR PIPE WITH CRANK
24	2	091-20872	VALVE LEVER PLATE
25	1	091-20915	SHORT CONNECTOR PIPE
26	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
27	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
28	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
29	2	210-00847	1/4" X 1" CLEVIS PIN
	AS REQUIRED	050-00031	36" SERIES 800 INTRALOX® BELTING

STANDARD DRIVE END ASSEMBLY (42" WIDE)



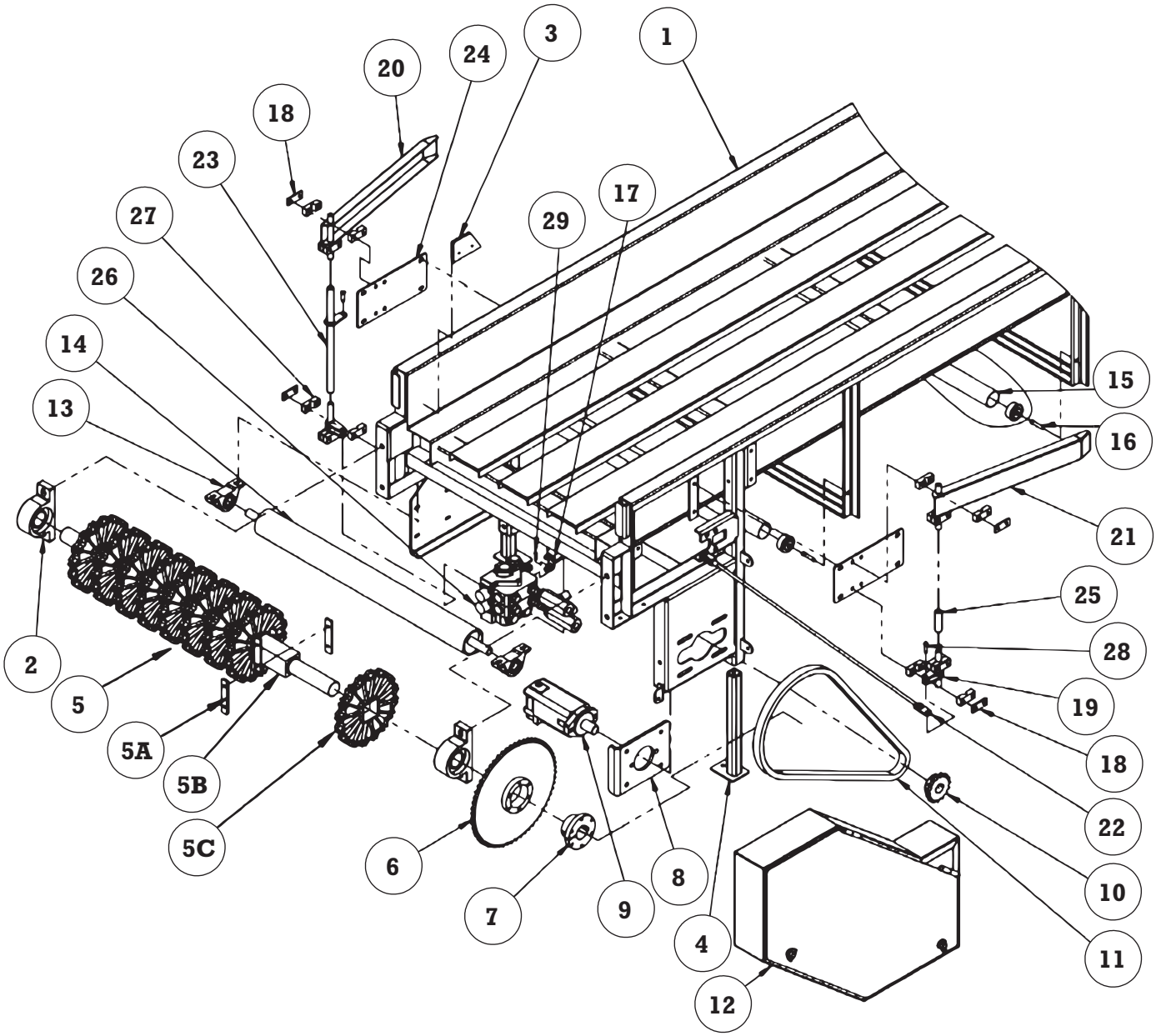
LEFT HAND SYSTEM SHOWN

STANDARD DRIVE END ASSEMBLY (42" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		HANGING BELT DRIVE END WELDMENT
2	2	030-00020-D	PILLOW BLOCK 1-15/16"
3	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	1	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
4	4	091-21328	HANGING BELT FOOT
5	1	091-21332.4	42" DRIVE SHAFT ASSEMBLY = (ITEMS 5A, 5B, & 5C)
5A	22	410-00025	SPROCKET RETAINER
5B	1	670-00096	42" DRIVE SHAFT
5C	10	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
6	1	690-00011	SPROCKET 60SF60
7	1	030-00057	QD BUSHING (SF 1-15/16")
8	1	091-20762	MOTOR PLATE
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	1	091-21364L	DRIVE CHAIN GUARD ASSEMBLY (LEFT SIDE DRIVE)
	1	091-21364R	DRIVE CHAIN GUARD ASSEMBLY (RIGHT SIDE DRIVE)
13	2	030-00023	1" PILLOW BLOCK
14	1	590-00073	42" SNUB ROLLER ASSEMBLY
15	3	590-00072	42" COMPLETE CONDUIT ROLLER ASSEMBLY
16	6	590-00022	BALL STUD KIT (STUD, 2 NUTS, 2 LOCK WASHERS)
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	8	091-20801	UHMW BEARING CAP
19	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
20	1	091-21375R	CONTROL LEVER ASSEMBLY
21	1	091-21375L	CONTROL LEVER ASSEMBLY
22	1	091-25429	42" CONNECTING ROD ASSEMBLY
23	1	091-21386	CONNECTOR PIPE WITH CRANK
24	2	091-20872	VALVE LEVER PLATE
25	1	091-20915	SHORT CONNECTOR PIPE
26	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
27	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
28	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
29	2	210-00847	1/4" X 1" CLEVIS PIN
	AS REQUIRED	050-00030	42" SERIES 800 INTRALOX® BELTING

Cage Unloading System

STANDARD DRIVE END ASSEMBLY (48” WIDE)

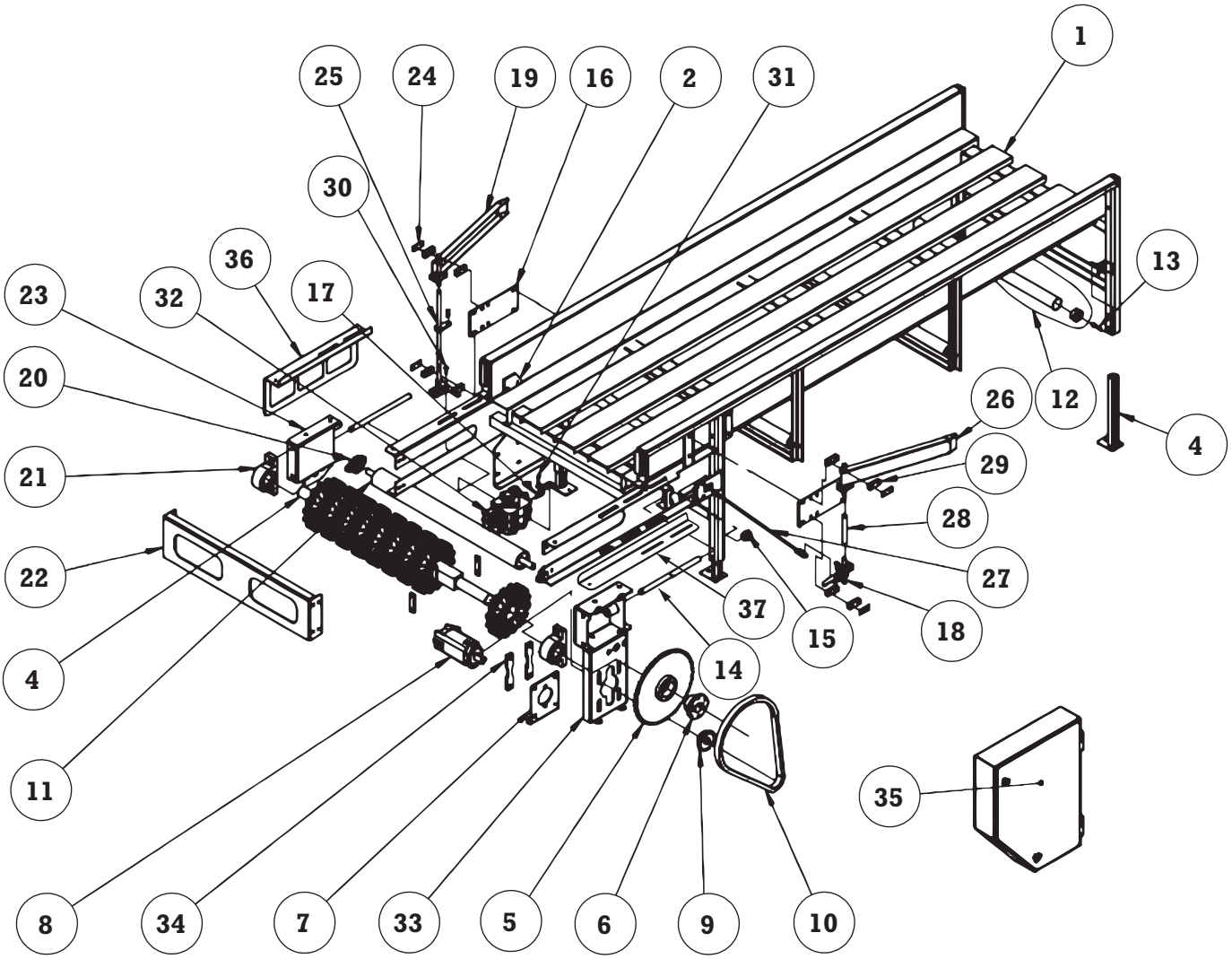


LEFT HAND SYSTEM SHOWN

STANDARD DRIVE END ASSEMBLY (48" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		HANGING BELT DRIVE END WELDMENT
2	2	030-00020-D	PILLOW BLOCK 1-15/16"
3	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	1	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
4	4	091-21328	HANGING BELT FOOT
5	1	091-21332.3	48" DRIVE SHAFT ASSEMBLY = (ITEMS 5A, 5B, & 5C)
5A	26	410-00025	SPROCKET RETAINER
5B	1	670-00032	48" DRIVE SHAFT
5C	12	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
6	1	690-00011	SPROCKET 60SF60
7	1	030-00057	QD BUSHING (SF 1-15/16")
8	1	091-20762	MOTOR PLATE
9	1	450-00004	HYDRAULIC MOTOR
10	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
11	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
12	1	091-21364L	DRIVE CHAIN GUARD ASSEMBLY (LEFT SIDE DRIVE)
	1	091-21364R	DRIVE CHAIN GUARD ASSEMBLY (RIGHT SIDE DRIVE)
13	2	030-00023	1" PILLOW BLOCK
14	1	590-00053	48" SNUB ROLLER ASSEMBLY
15	3	590-00054	48" COMPLETE CONDUIT ROLLER ASSEMBLY
16	6	590-00022	BALL STUD KIT (STUD, 2 NUTS, 2 LOCK WASHERS)
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	8	091-20801	UHMW BEARING CAP
19	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
20	1	091-21375R	CONTROL LEVER ASSEMBLY
21	1	091-21375L	CONTROL LEVER ASSEMBLY
22	1	091-25418	48" CONNECTING ROD ASSEMBLY
23	1	091-21386	CONNECTOR PIPE WITH CRANK
24	2	091-20872	VALVE LEVER PLATE
25	1	091-20915	SHORT CONNECTOR PIPE
26	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
27	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
28	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
29	2	210-00847	1/4" X 1" CLEVIS PIN
	AS REQUIRED	050-00029	48" SERIES 800 INTRALOX® BELTING

DRIVE END TAKE UP ASSEMBLY (24" WIDE)

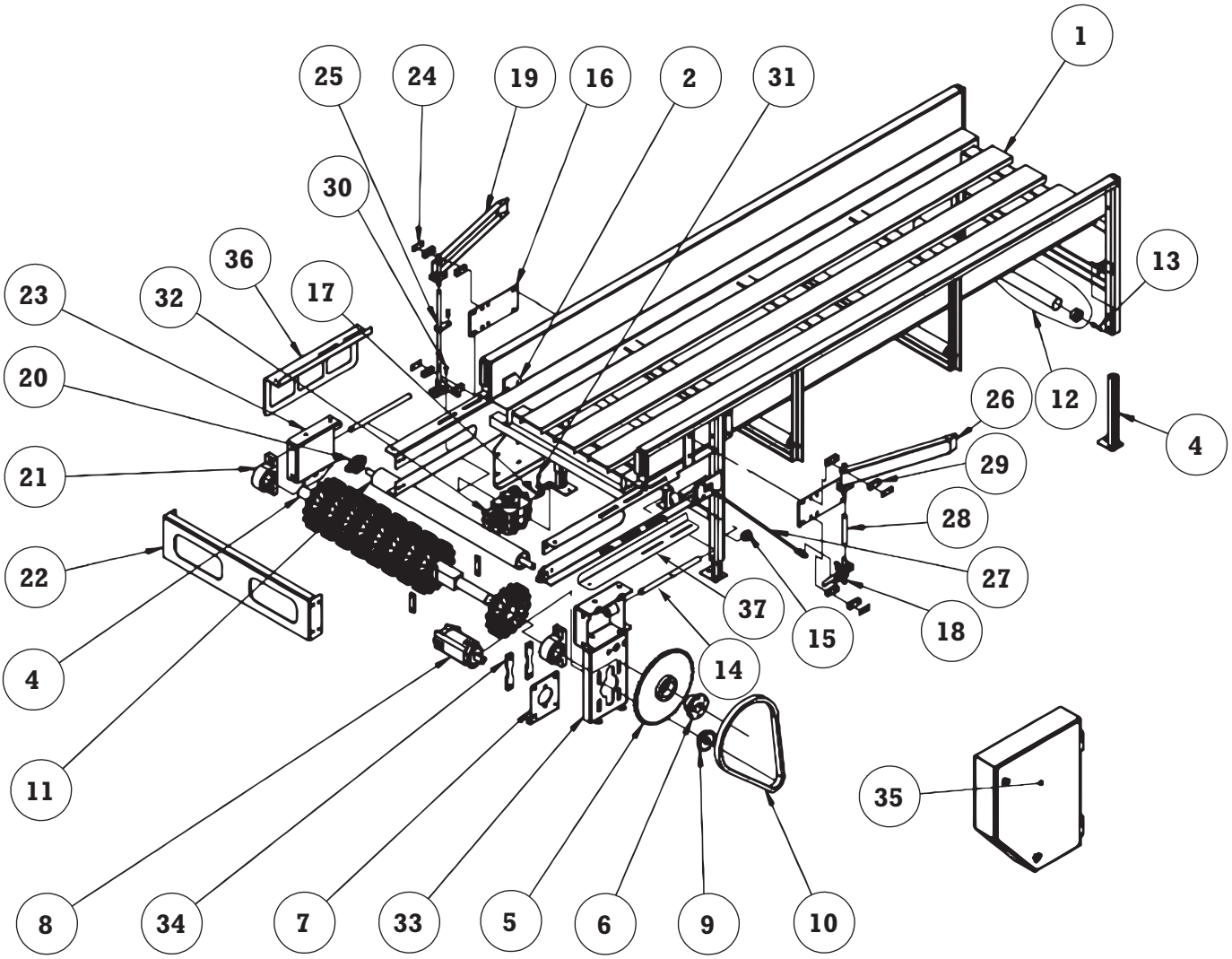


LEFT HAND SYSTEM SHOWN

DRIVE END TAKE UP ASSEMBLY (24" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		DRIVE END TAKE UP WELDMENT
2	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	2	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
3	4	091-21328	HANGING BELT FOOT
4	1	091-21332.1	24" DRIVE SHAFT ASSEMBLY = (ITEMS 4A, 4B, & 4C)
4A	14	091-00716-01	SPROCKET RETAINER
4B	1	670-00029	24" DRIVE SHAFT
4C	6	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
5	1	690-00011	SPROCKET 60SF60
6	1	030-00057	QD BUSHING (SF 1-15/16")
7	1	091-20762	MOTOR PLATE
8	1	450-00004	HYDRAULIC MOTOR
9	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	590-00051	24" SNUB ROLLER ASSEMBLY
12	3	590-00008	24" COMPLETE CONDUIT ROLLER ASSEMBLY
13	6	590-00022	BALL STUD KIT
14	2	410-00027	TAKE-UP ROD (7/8"-9 X 15" LG)
15	2	210-00210	TAKE-UP NUT
16	2	091-20872	VALVE LEVER PLATE
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
19	1	091-21375R	CONTROL LEVER ASSEMBLY
20	2	030-00044-D	FLANGE BEARING 1"
21	2	030-00020-D	PILLOW BLOCK 1-15/16"
22	1	091-24637	END STIFFNER PLATE
23	1	091-21382L	IDLER SLIDE PLATE (LEFT SIDE DRIVE)
	1	091-21382R	IDLER SLIDE PLATE (RIGHT SIDE DRIVE)
24	8	091-20801	UHMW BEARING CAP
25	1	091-21388	CONNECTOR PIPE FOR DRIVE END TAKE UP
26	1	091-21375L	CONTROL LEVER ASSEMBLY
27	–	–	CONNECTING ROD FOR HANGING BELT (THIS IS NOT AVAILABLE ON 24" HANGING BELT)
28	1	091-20909	VALVE ROTATOR PIPE FOR DRIVE END TAKE UP
29	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
30	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
31	2	210-00847	1/4" X 1" CLEVIS PIN
32	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
33	1	091-21381NL	MOTOR SLIDE PLATE (LEFT SIDE DRIVE) HYDRAULIC ONLY
	1	091-21381NR	MOTOR SLIDE PLATE (RIGHT SIDE DRIVE) HYDRAULIC ONLY
34	2	091-24273	THREADED FLAT BAR
35	1	091-21857L	DRIVE END TAKE UP GUARD (RAISED)
	1	091-21857R	DRIVE END TAKE UP GUARD (RAISED)
36	1	091-00643L	HANGING BELT SIDE SHIELD
	1	091-00643R	HANGING BELT SIDE SHIELD
37	1	091-24788L	HANGING BELT SIDE SHIELD – GUARD SIDE (LEFT HAND SIDE)
	1	091-24788R	HANGING BELT SIDE SHIELD – GUARD SIDE (RIGHT HAND SIDE)
	AS REQUIRED	050-00032	24" SERIES 800 INTRALOX® BELTING

DRIVE END TAKE UP ASSEMBLY (36” WIDE)

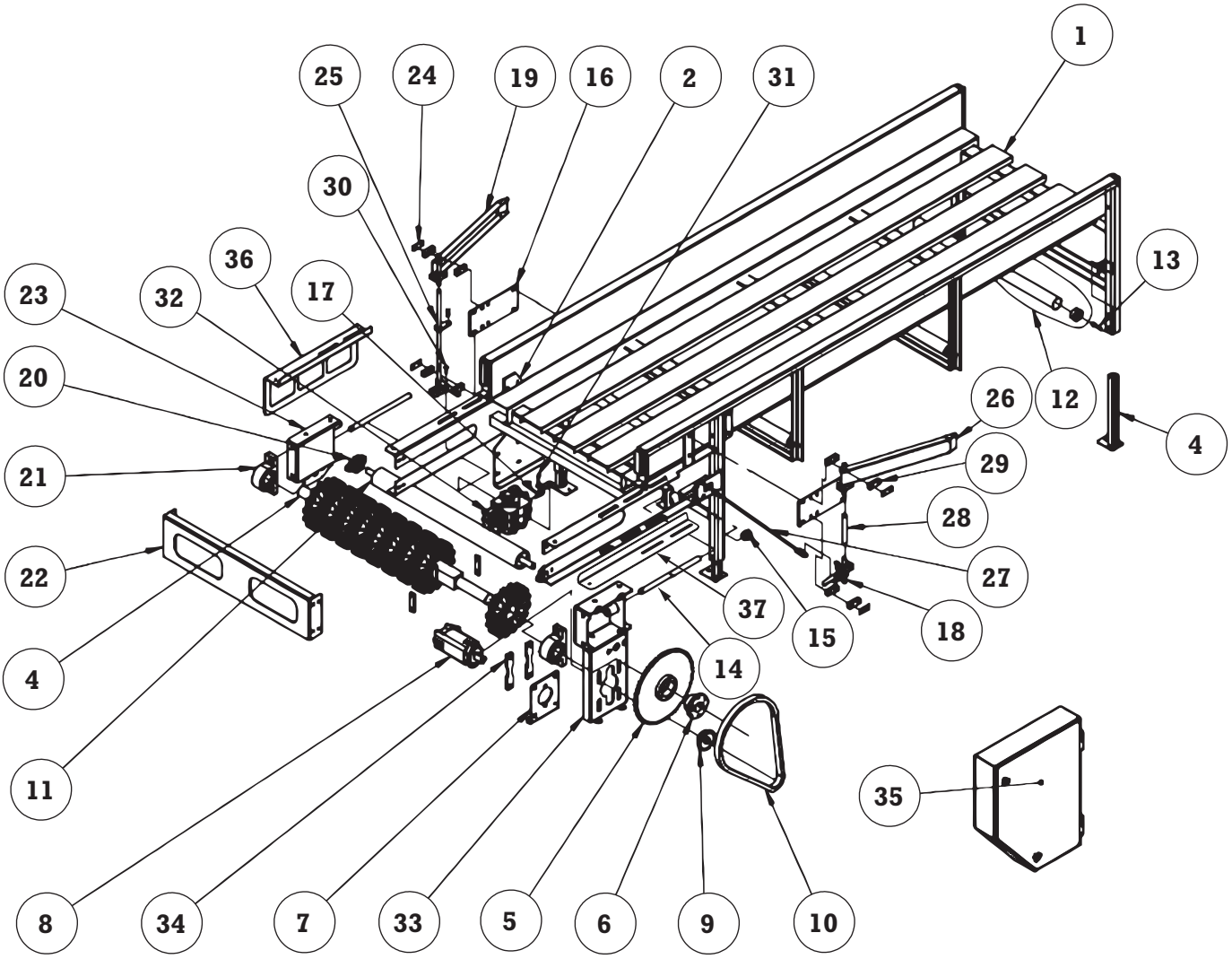


LEFT HAND SYSTEM SHOWN

DRIVE END TAKE UP ASSEMBLY (36” WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		DRIVE END TAKE UP WELDMENT
2	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	2	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
3	4	091-21328	HANGING BELT FOOT
4	1	091-21332.2	36” DRIVE SHAFT ASSEMBLY (DETAIL SECTION 6 — 18)
4A	20	091-00716-01	SPROCKET RETAINER
4B	1	670-00030	36” DRIVE SHAFT
4C	9	050-00073	10.3 INTRALOX SPROCKET, 2 1/2” SQUARE BORE
5	1	690-00011	SPROCKET 60SF60
6	1	030-00057	QD BUSHING (SF 1-15/16”)
7	1	091-20762	MOTOR PLATE
8	1	450-00004	HYDRAULIC MOTOR
9	1	690-00044	SPROCKET 60BS15 1-1/4” BORE
10	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	590-00052	36” SNUB ROLLER ASSEMBLY
12	3	590-00004	36” COMPLETE CONDUIT ROLLER
13	6	590-00022	BALL STUD KIT
14	2	410-00027	TAKE-UP ROD (7/8”-9 X 15” LG)
15	2	210-00210	TAKE-UP NUT
16	2	091-20872	VALVE LEVER PLATE
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
19	1	091-21375R	CONTROL LEVER ASSEMBLY
20	2	030-00044-D	FLANGE BEARING 1”
21	2	030-00020-D	PILLOW BLOCK 1-15/16”
22	1	091-20870	END STIFFNER PLATE
23	1	091-21382L	IDLER SLIDE PLATE (LEFT SIDE DRIVE)
	1	091-21382R	IDLER SLIDE PLATE (RIGHT SIDE DRIVE)
24	8	091-20801	UHMW BEARING CAP
25	1	091-21388	CONNECTOR PIPE FOR DRIVE END TAKE UP
26	1	091-21375L	CONTROL LEVER ASSEMBLY
27	1	091-21387	36” CONNECTING ROD FOR HANGING BELT
28	1	091-20909	VALVE ROTATOR PIPE FOR DRIVE END TAKE UP
29	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
30	3	210-00860	3/8” X 1-1/4” CLEVIS PIN
31	2	210-00847	1/4” X 1” CLEVIS PIN
32	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
33	1	091-21381NL	MOTOR SLIDE PLATE (LEFT SIDE DRIVE) HYDRAULIC ONLY
	1	091-21381NR	MOTOR SLIDE PLATE (RIGHT SIDE DRIVE) HYDRAULIC ONLY
34	2	091-24273	THREADED FLAT BAR
35	1	091-21857L	DRIVE END TAKE UP GUARD (RAISED)
	1	091-21857R	DRIVE END TAKE UP GUARD (RAISED)
36	1	091-00643L	HANGING BELT SIDE SHIELD
	1	091-00643R	HANGING BELT SIDE SHIELD
37	1	091-24788L	HANGING BELT SIDE SHIELD – GUARD SIDE (LEFT HAND SIDE)
	1	091-24788R	HANGING BELT SIDE SHIELD – GUARD SIDE (RIGHT HAND SIDE)
	AS REQUIRED	050-00031	36” SERIES 800 INTRALOX® BELTING

DRIVE END TAKE UP ASSEMBLY (42” WIDE)

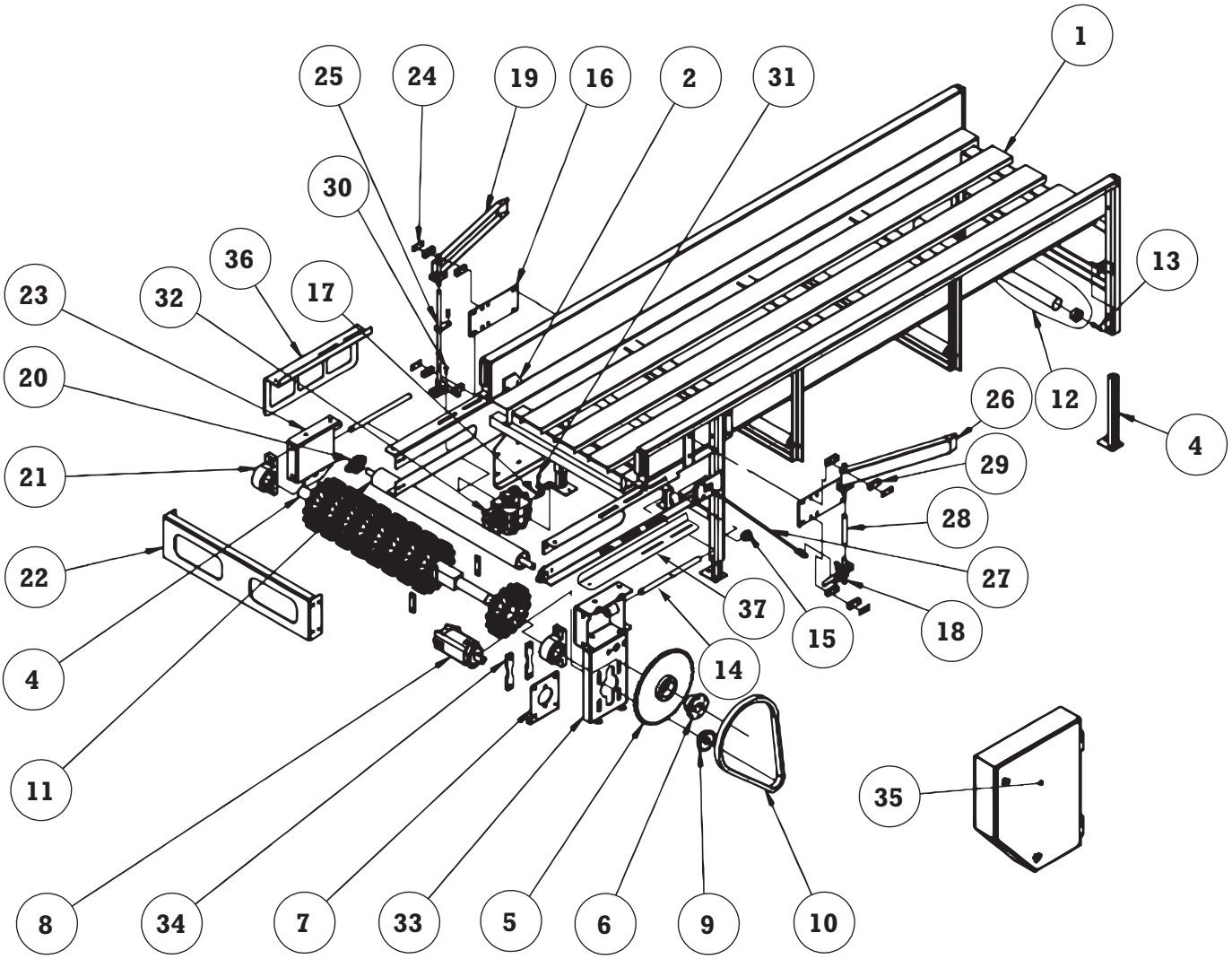


LEFT HAND SYSTEM SHOWN

DRIVE END TAKE UP ASSEMBLY (42" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		DRIVE END TAKE UP WELDMENT
2	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	2	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
3	4	091-21328	HANGING BELT FOOT
4	1	091-21332.4	42" DRIVE SHAFT ASSEMBLY = (ITEMS 4A, 4B, & 4C)
4A	22	091-00716-01	SPROCKET RETAINER
4B	1	670-00096	42" DRIVE SHAFT
4C	10	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
5	1	690-00011	SPROCKET 60SF60
6	1	030-00057	QD BUSHING (SF 1-15/16")
7	1	091-20762	MOTOR PLATE
8	1	450-00004	HYDRAULIC MOTOR
9	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	590-00073	42" SNUB ROLLER ASSEMBLY
12	3	590-00072	42" COMPLETE CONDUIT ROLLER ASSEMBLY
13	6	590-00022	BALL STUD KIT
14	2	410-00027	TAKE-UP ROD (7/8"-9 X 15" LG)
15	2	210-00210	TAKE-UP NUT
16	2	091-20872	VALVE LEVER PLATE
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
19	1	091-21375R	CONTROL LEVER ASSEMBLY
20	2	030-00044-D	FLANGE BEARING 1"
21	2	030-00020-D	PILLOW BLOCK 1-15/16"
22	1	091-24727	END STIFFNER PLATE
23	1	091-21382L	IDLER SLIDE PLATE (LEFT SIDE DRIVE)
	1	091-21382R	IDLER SLIDE PLATE (RIGHT SIDE DRIVE)
24	8	091-20801	UHMW BEARING CAP
25	1	091-21388	CONNECTOR PIPE FOR DRIVE END TAKE UP
26	1	091-21375L	CONTROL LEVER ASSEMBLY
27	1	091-25429	42" CONNECTING ROD ASSEMBLY
28	1	091-20909	VALVE ROTATOR PIPE FOR DRIVE END TAKE UP
29	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
30	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
31	2	210-00847	1/4" X 1" CLEVIS PIN
32	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
33	1	091-21381NL	MOTOR SLIDE PLATE (LEFT SIDE DRIVE) HYDRAULIC ONLY
	1	091-21381NR	MOTOR SLIDE PLATE (RIGHT SIDE DRIVE) HYDRAULIC ONLY
34	2	091-24273	THREADED FLAT BAR
35	1	091-21857L	DRIVE END TAKE UP GUARD (RAISED)
	1	091-21857R	DRIVE END TAKE UP GUARD (RAISED)
36	1	091-00643L	HANGING BELT SIDE SHIELD
	1	091-00643R	HANGING BELT SIDE SHIELD
37	1	091-24788L	HANGING BELT SIDE SHIELD – GUARD SIDE (LEFT HAND SIDE)
	1	091-24788R	HANGING BELT SIDE SHIELD – GUARD SIDE (RIGHT HAND SIDE)
	AS REQUIRED	050-00030	42" SERIES 800 INTRALOX® BELTING

DRIVE END TAKE UP ASSEMBLY (48” WIDE)

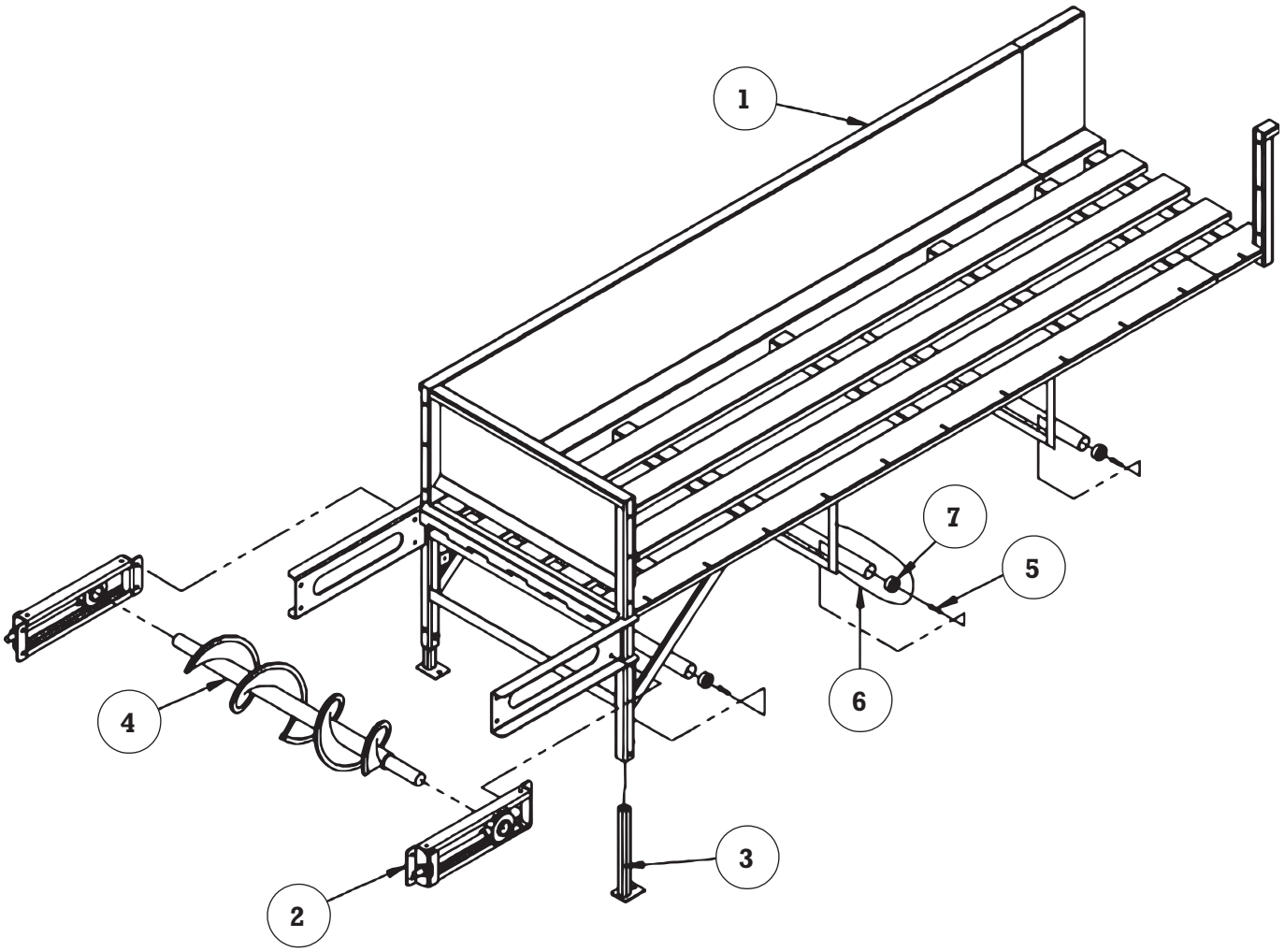


LEFT HAND SYSTEM SHOWN

DRIVE END TAKE UP ASSEMBLY (48" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		DRIVE END TAKE UP WELDMENT (36" SHOWN)
2	1	091-20761L	PLASTIC PLATE LEFT HAND SIDE
	2	091-20761R	PLASTIC PLATE RIGHT HAND SIDE
3	4	091-21328	HANGING BELT FOOT
4	1	091-21332.3	48" DRIVE SHAFT ASSEMBLY = (ITEMS 4A, 4B, & 4C)
4A	26	091-00716-01	SPROCKET RETAINER
4B	1	670-00032	48" DRIVE SHAFT
4C	12	050-00073	10.3 INTRALOX SPROCKET, 2 1/2" SQUARE BORE
5	1	690-00011	SPROCKET 60SF60
6	1	030-00057	QD BUSHING (SF 1-15/16")
7	1	091-20762	MOTOR PLATE
8	1	450-00004	HYDRAULIC MOTOR
9	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
10	1	110-00001H	ROLLER CHAIN #60 — (4 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
11	1	590-00053	48" SNUB ROLLER ASSEMBLY
12	3	590-00054	48" COMPLETE CONDUIT ROLLER ASSEMBLY
13	6	590-00022	BALL STUD KIT
14	2	410-00027	TAKE-UP ROD (7/8"-9 X 15" LG)
15	2	210-00210	TAKE-UP NUT
16	2	091-20872	VALVE LEVER PLATE
17	1	091-21369	DOUBLE LINK ASSEMBLY
18	2	091-21366	LOWER CRANK SHAFT ASSEMBLY
19	1	091-21375R	CONTROL LEVER ASSEMBLY
20	2	030-00044-D	FLANGE BEARING 1"
21	2	030-00020-D	PILLOW BLOCK 1-15/16"
22	1	091-24711	END STIFFNER PLATE
23	1	091-21382L	IDLER SLIDE PLATE (LEFT SIDE DRIVE)
	1	091-21382R	IDLER SLIDE PLATE (RIGHT SIDE DRIVE)
24	8	091-20801	UHMW BEARING CAP
25	1	091-21388	CONNECTOR PIPE FOR DRIVE END TAKE UP
26	1	091-21375L	CONTROL LEVER ASSEMBLY
27	1	091-25418	48" CONNECTING ROD ASSEMBLY
28	1	091-20909	VALVE ROTATOR PIPE FOR DRIVE END TAKE UP
29	8	091-20996	TWO PIECE UHMW BEARING (TWO HALVES)
30	3	210-00860	3/8" X 1-1/4" CLEVIS PIN
31	2	210-00847	1/4" X 1" CLEVIS PIN
32	1	810-00084	2 SECTION VALVE ASSEMBLY (SEE SECTION 10)
33	1	091-21381NL	MOTOR SLIDE PLATE (LEFT SIDE DRIVE) HYDRAULIC ONLY
	1	091-21381NR	MOTOR SLIDE PLATE (RIGHT SIDE DRIVE) HYDRAULIC ONLY
34	2	091-24273	THREADED FLAT BAR
35	1	091-21857L	DRIVE END TAKE UP GUARD (RAISED)
	1	091-21857R	DRIVE END TAKE UP GUARD (RAISED)
36	1	091-00643L	HANGING BELT SIDE SHIELD
	1	091-00643R	HANGING BELT SIDE SHIELD
37	1	091-24788L	HANGING BELT SIDE SHIELD – GUARD SIDE (LEFT HAND SIDE)
	1	091-24788R	HANGING BELT SIDE SHIELD – GUARD SIDE (RIGHT HAND SIDE)
	AS REQUIRED	050-00029	48" SERIES 800 INTRALOX® BELTING

SIDE FEED IDLER END (24" WIDE)
"PUSHING BIRDS IN"

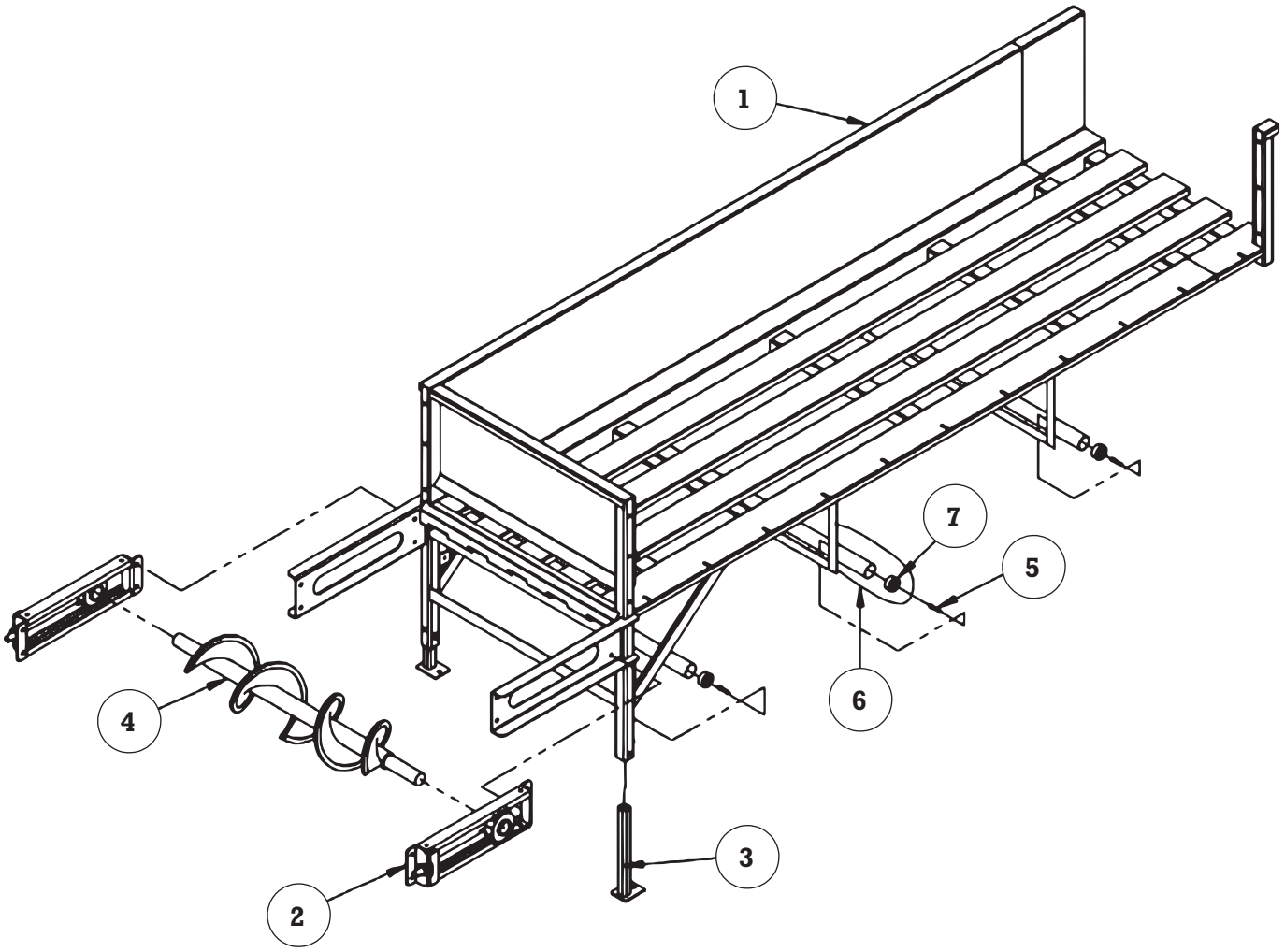


SIDE FEED IDLER END (24" WIDE)
"PUSHING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		SIDE FEED IDLER END WELDMENT (RIGHT EXIT HANGING BELT)
	1		SIDE FEED IDLER END WELDMENT (LEFT EXIT HANGING BELT)
2	2	091-21320	TAKE-UP ASSEMBLY -25" LONG
3	2	091-21328	HANGING BELT FOOT
4	1	050-00018	24" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00008	24" COMPLETE CONDUIT ROLLER 24" SS BELT
7	6	590-00055	2" EMT BEARING
	AS REQUIRED	050-00032	24" SERIES 800 INTRALOX® BELTING

Cage Unloading System

SIDE FEED IDLER END (36" WIDE)
"PUSHING BIRDS IN"

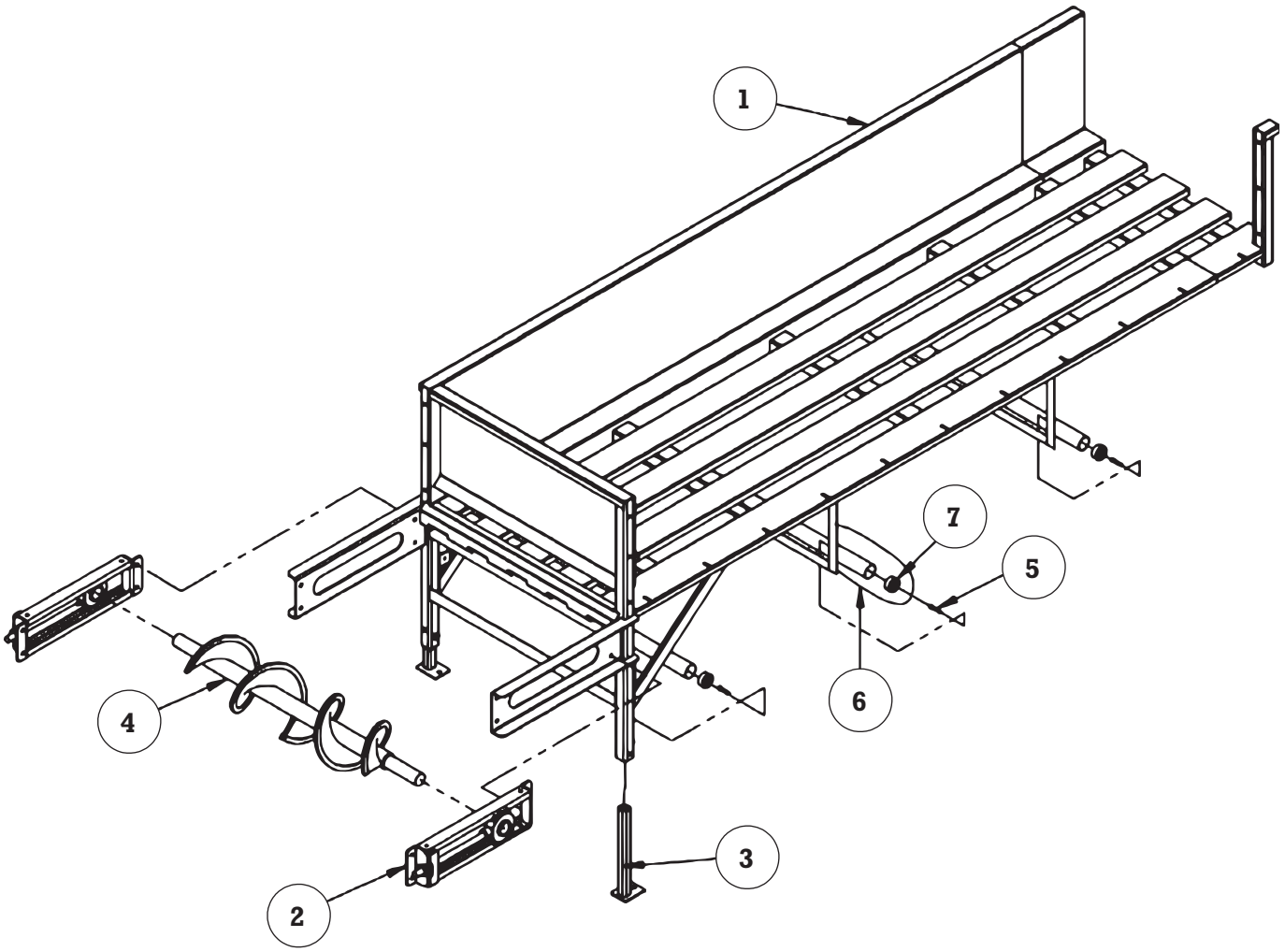


SIDE FEED IDLER END (36" WIDE)
"PUSHING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		SIDE FEED IDLER END WELDMENT (RIGHT EXIT HANGING BELT)
	1		SIDE FEED IDLER END WELDMENT (LEFT EXIT HANGING BELT)
2	2	091-21320	TAKE-UP ASSEMBLY -25" LONG
3	2	091-21328	HANGING BELT FOOT
4	1	050-00019	36" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00004	36" COMPLETE CONDUIT ROLLER 36" SS BELT
7	6	590-00055	2" EMT BEARING
	AS REQUIRED	050-00031	36" SERIES 800 INTRALOX® BELTING

Cage Unloading System

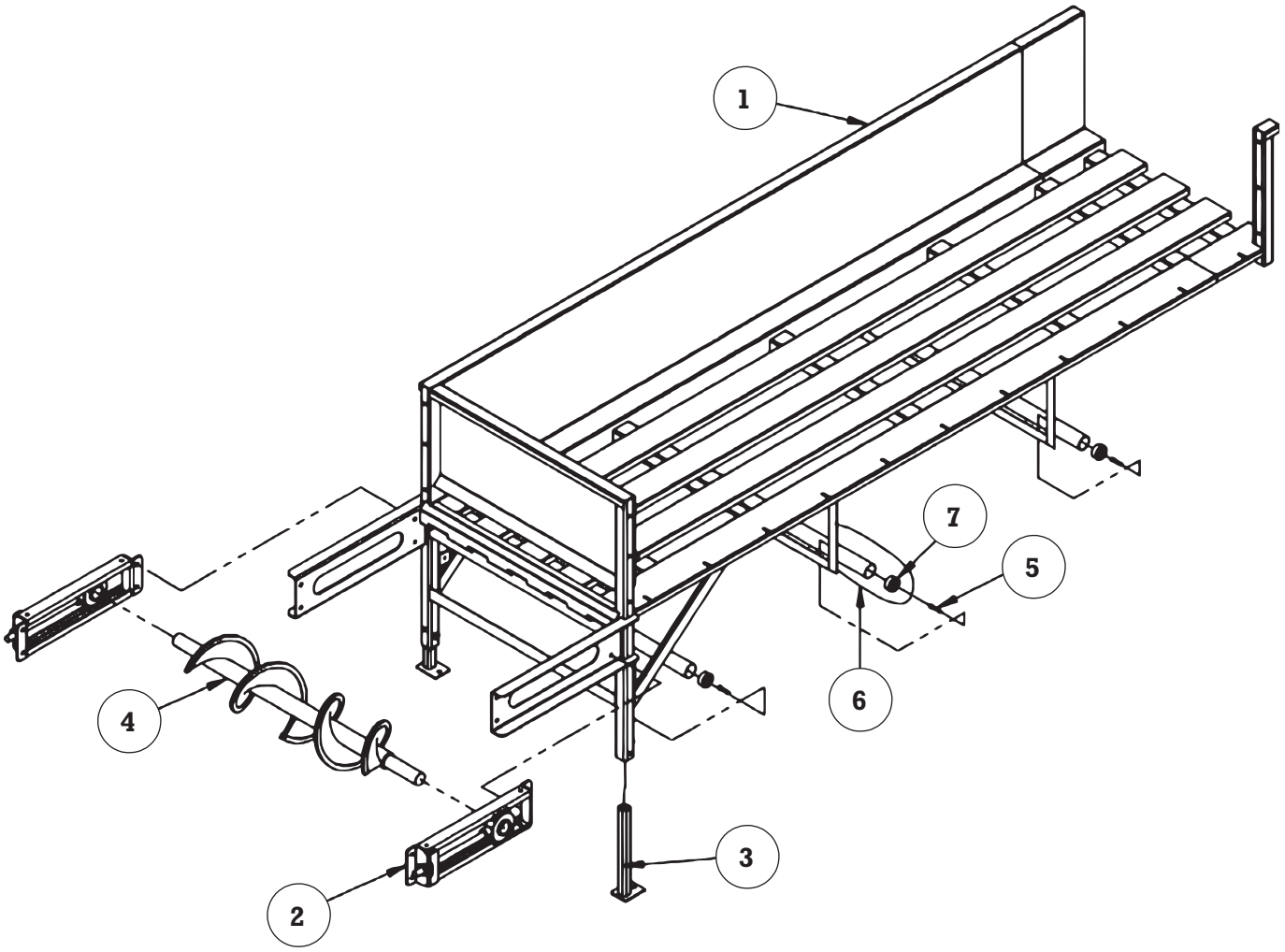
SIDE FEED IDLER END (42" WIDE)
"PUSHING BIRDS IN"



SIDE FEED IDLER END (42" WIDE)
"PUSHING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		SIDE FEED IDLER END WELDMENT (RIGHT EXIT HANGING BELT)
	1		SIDE FEED IDLER END WELDMENT (LEFT EXIT HANGING BELT)
2	2	091-21320	TAKE-UP ASSEMBLY -25" LONG
3	2	091-21328	HANGING BELT FOOT
4	1	050-00154	42" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00072	42" COMPLETE CONDUIT ROLLER 42" SS BELT
7	6	590-00055	2" EMT BEARING
	AS REQUIRED	050-00030	42" SERIES 800 INTRALOX® BELTING

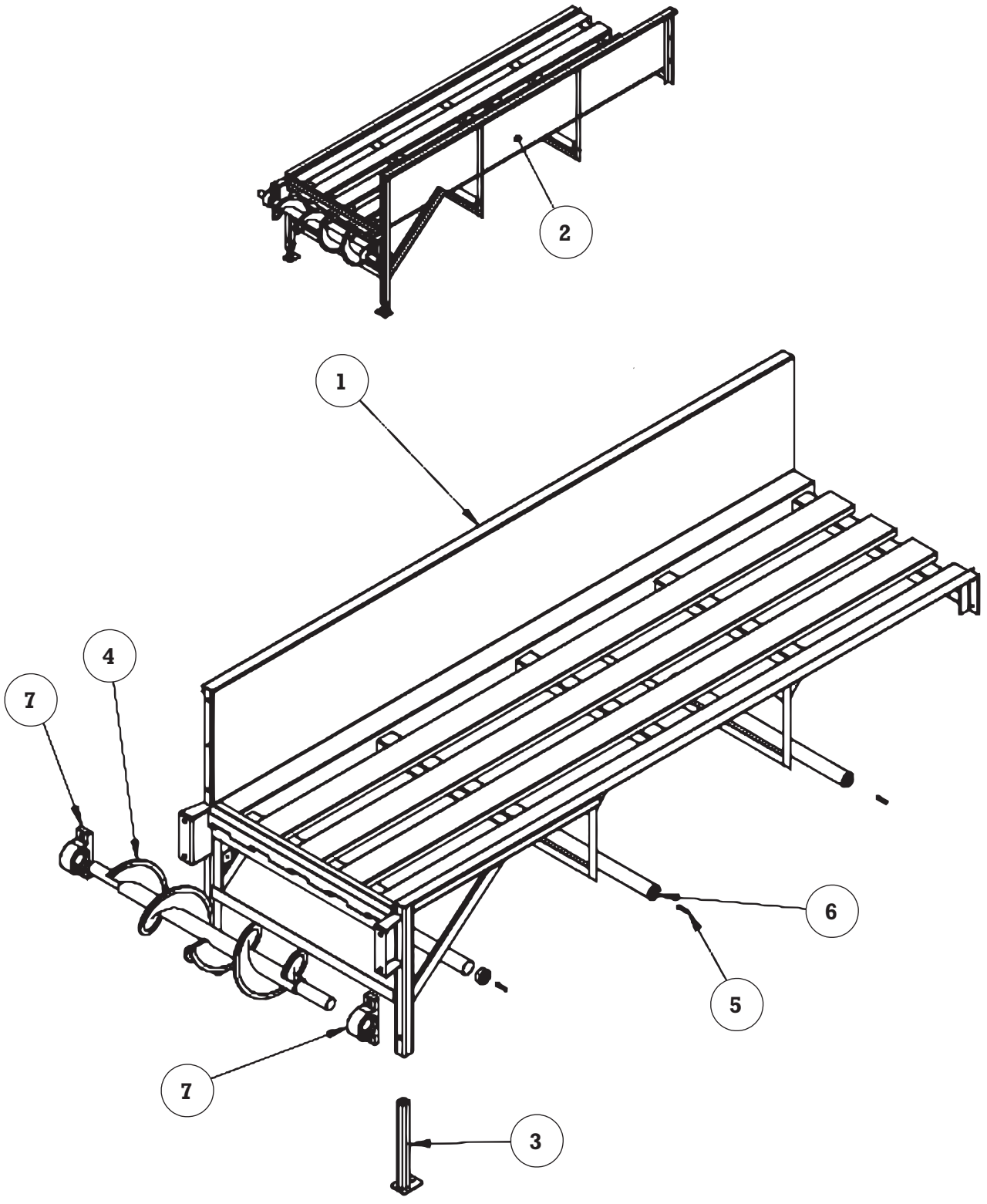
SIDE FEED IDLER END (48" WIDE)
"PUSHING BIRDS IN"



SIDE FEED IDLER END (48" WIDE)
"PUSHING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		SIDE FEED IDLER END WELDMENT (RIGHT EXIT HANGING BELT)
	1		SIDE FEED IDLER END WELDMENT (LEFT EXIT HANGING BELT)
2	2	091-21320	TAKE-UP ASSEMBLY -25" LONG
3	2	091-21328	HANGING BELT FOOT
4	1	050-00017	48" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00054	48" COMPLETE CONDUIT ROLLER 48" SS BELT
7	6	590-00055	2" EMT BEARING
	AS REQUIRED	050-00029	48" SERIES 800 INTRALOX® BELTING

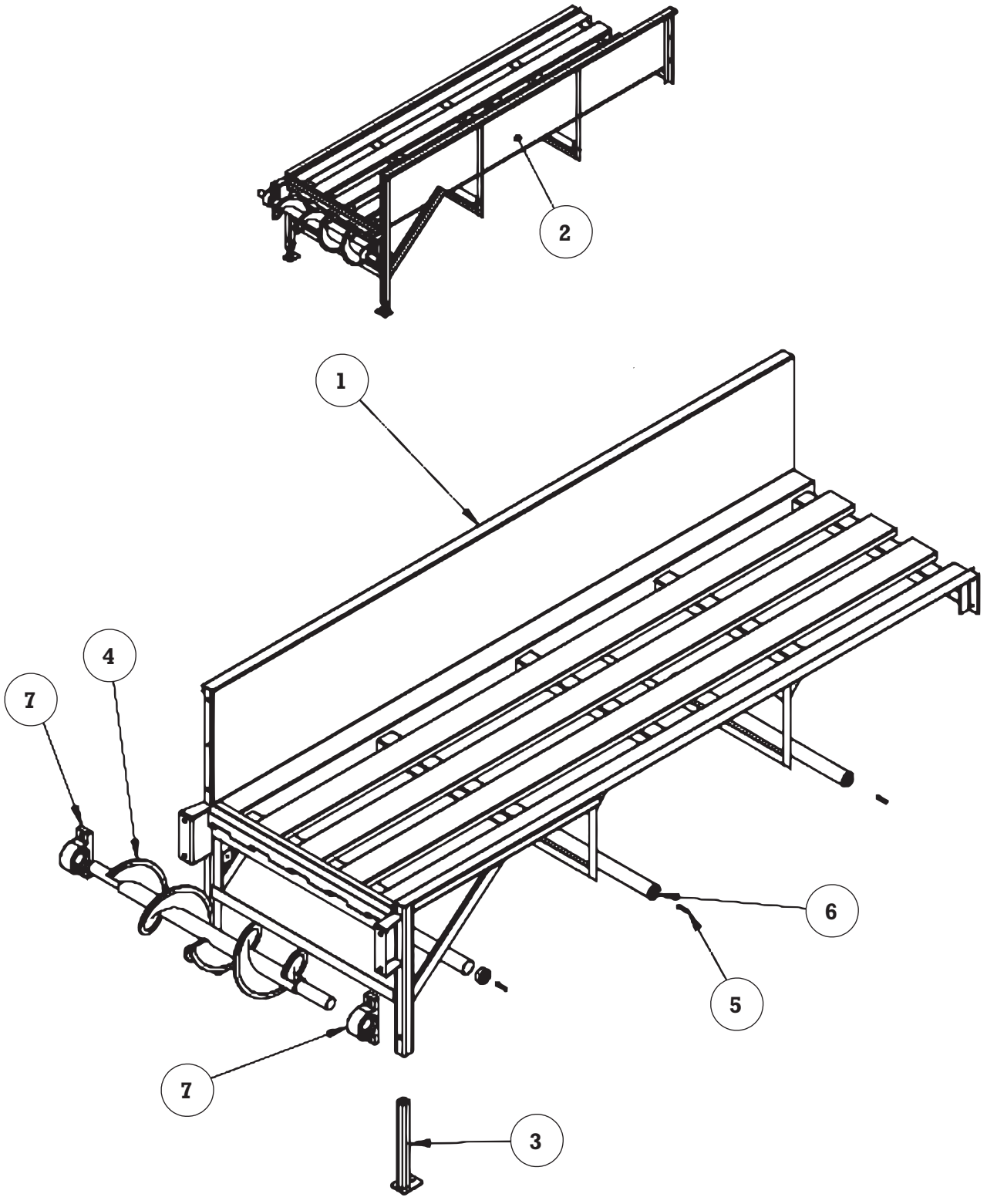
SIDE FEED IDLER END ASSEMBLY (24" WIDE)
"DROPPING BIRDS IN"



SIDE FEED IDLER END ASSEMBLY (24" WIDE)
"DROPPING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		RHS SIDE FEED IDLER END WELDMENT
2	1		LHS SIDE FEED IDLER END WELDMENT
3	2	091-21328	HANGING BELT FOOT
4	1	050-00018	24" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00008	24" COMPLETE CONDUIT ROLLER 24" SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16
	AS REQUIRED	050-00032	24" SERIES 800 INTRALOX® BELTING

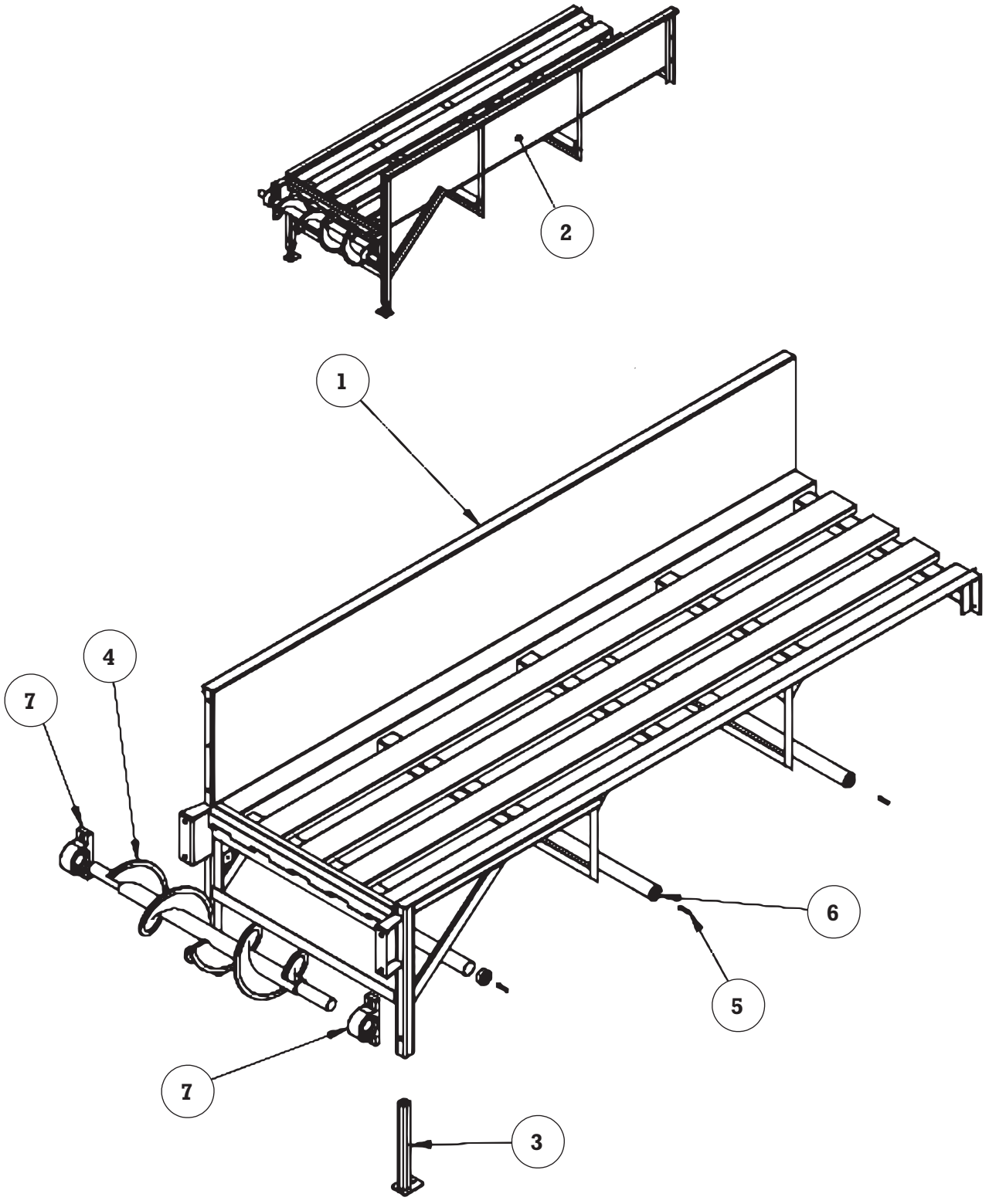
SIDE FEED IDLER END ASSEMBLY (36" WIDE)
"DROPPING BIRDS IN"



SIDE FEED IDLER END ASSEMBLY (36" WIDE)
"DROPPING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		RHS SIDE FEED IDLER END WELDMENT
2	1		LHS SIDE FEED IDLER END WELDMENT
3	2	091-21328	HANGING BELT FOOT
4	1	050-00019	36" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00004	36" COMPLETE CONDUIT ROLLER 36" SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16
	AS REQUIRED	050-00031	36" SERIES 800 INTRALOX® BELTING

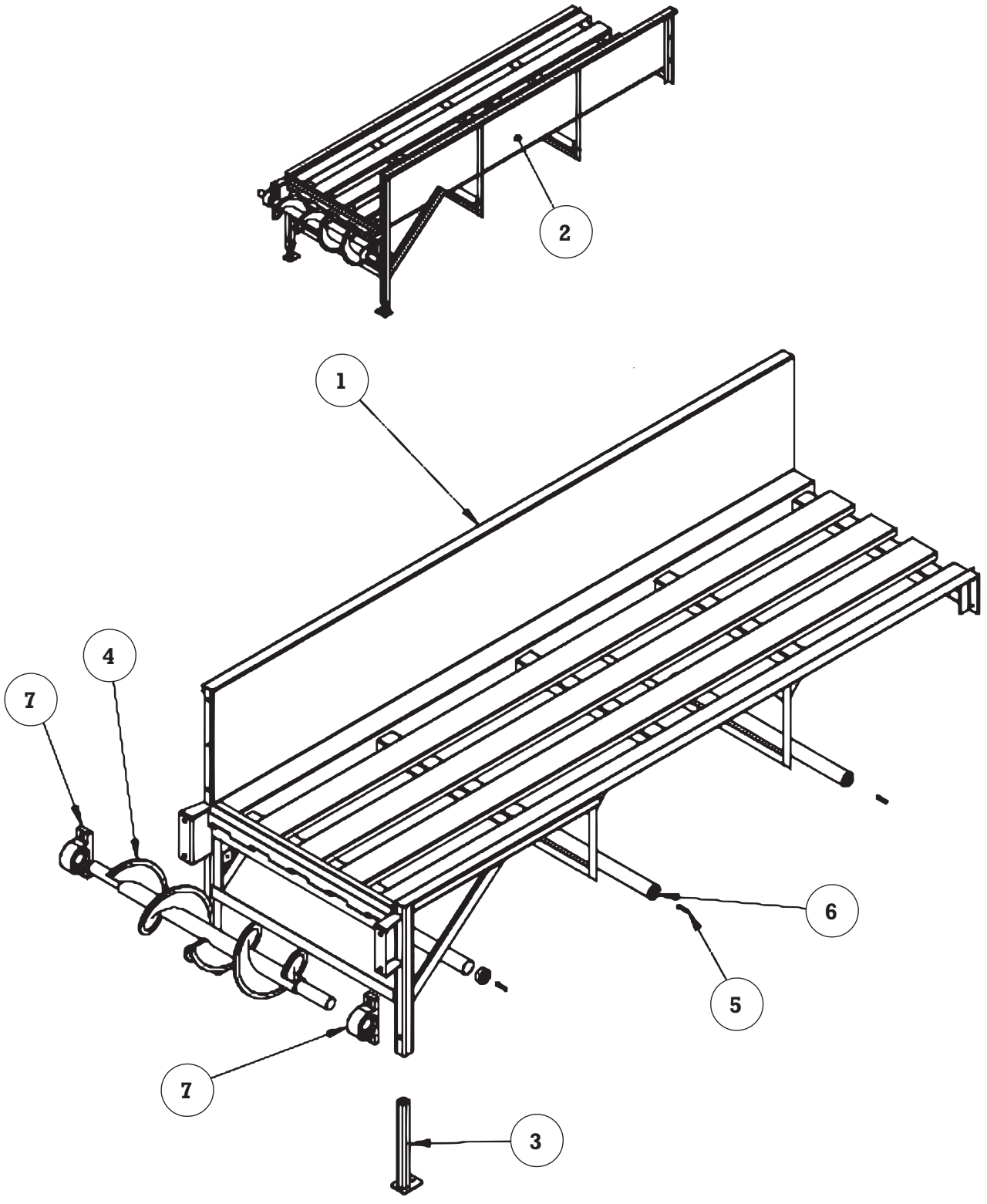
SIDE FEED IDLER END ASSEMBLY (42" WIDE)
"DROPPING BIRDS IN"



SIDE FEED IDLER END ASSEMBLY (42" WIDE)
"DROPPING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		RHS SIDE FEED IDLER END WELDMENT
2	1		LHS SIDE FEED IDLER END WELDMENT
3	2	091-21328	HANGING BELT FOOT
4	1	050-00154	42" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00072	42" COMPLETE CONDUIT ROLLER 42" SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16
	AS REQUIRED	050-00030	42" SERIES 800 INTRALOX® BELTING

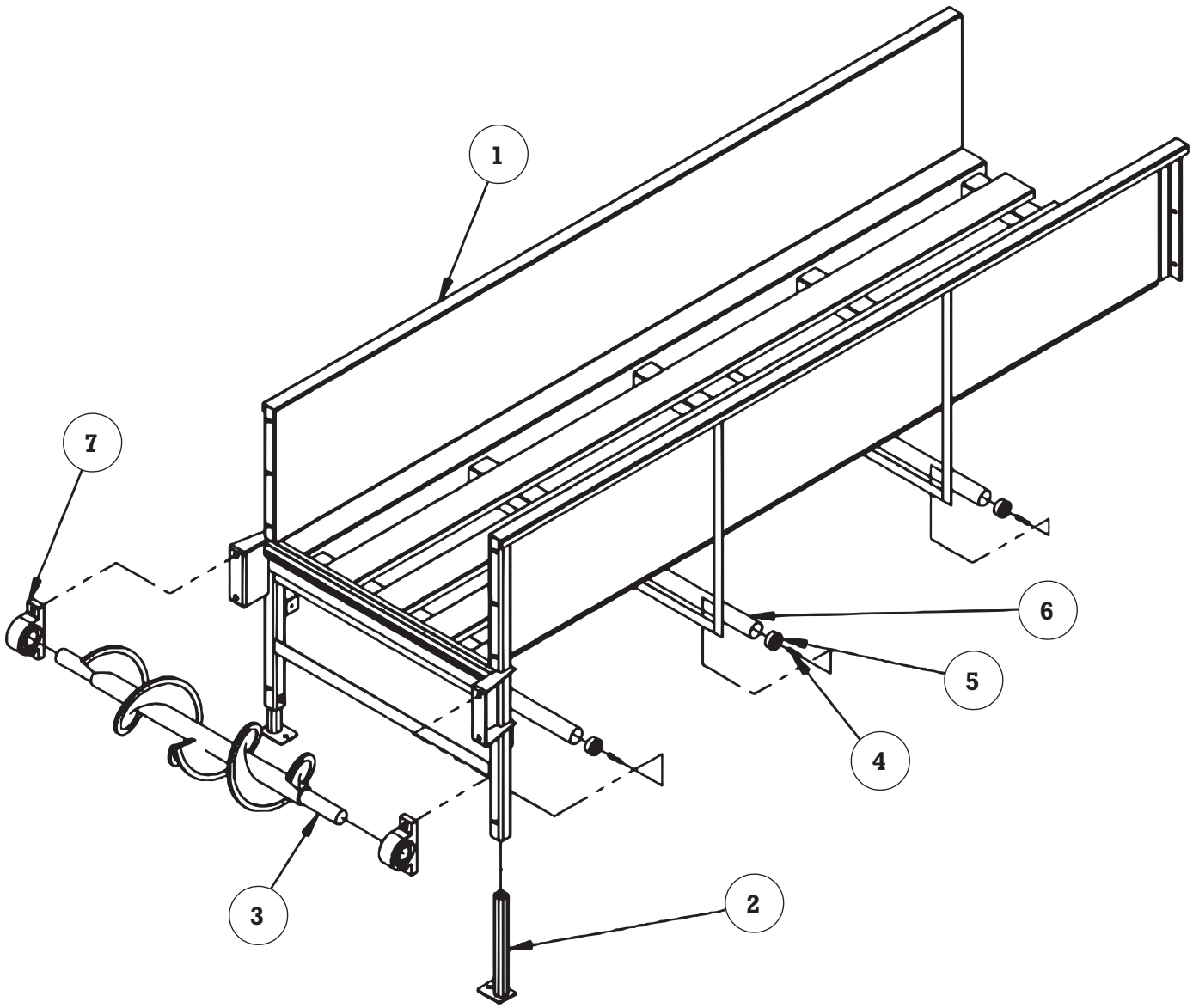
SIDE FEED IDLER END ASSEMBLY (48" WIDE)
"DROPPING BIRDS IN"



SIDE FEED IDLER END ASSEMBLY (48" WIDE)
"DROPPING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		RHS SIDE FEED IDLER END WELDMENT
2	1		LHS SIDE FEED IDLER END WELDMENT
3	2	091-21328	HANGING BELT FOOT
4	1	050-00017	48" SCROLL
5	6	590-00022	BALL STUD KIT
6	3	590-00054	48" COMPLETE CONDUIT ROLLER 48" SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16
	AS REQUIRED	050-00029	48" SERIES 800 INTRALOX® BELTING

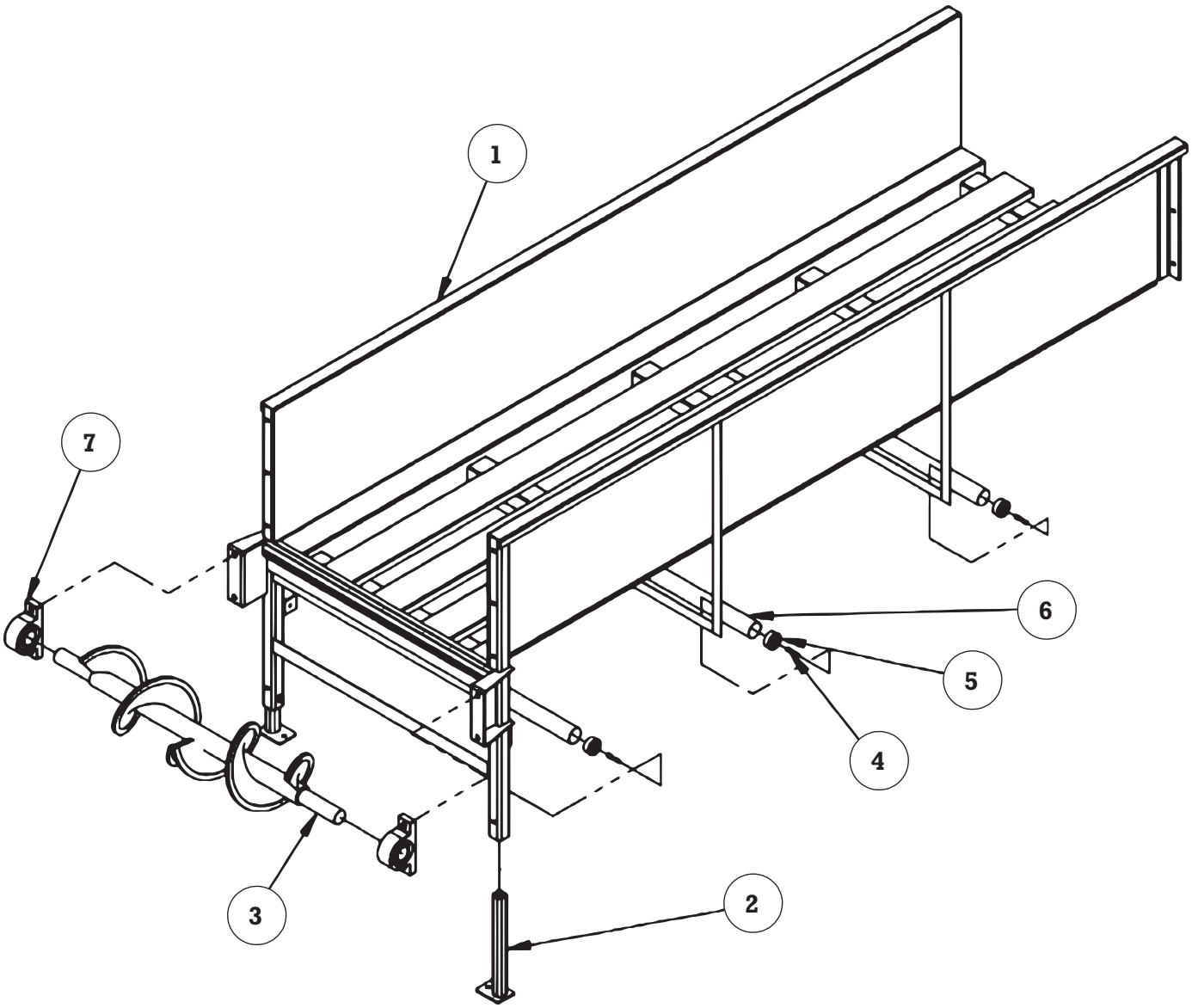
END FEED IDLER END (24” WIDE)



END FEED IDLER END (24" WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		END FEED IDLER END WELDMENT
2	2	091-21328	HANGING BELT FOOT
3	1	050-00018	24" SCROLL
4	6	590-00022	BALL STUD KIT
5	6	590-00055	2" EMT BEARING
6	3	590-00008	24" COMPLETE CONDUIT ROLLER 24" SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16"
	AS REQUIRED	050-00032	24" SERIES 800 INTRALOX® BELTING

END FEED IDLER END (36” WIDE)

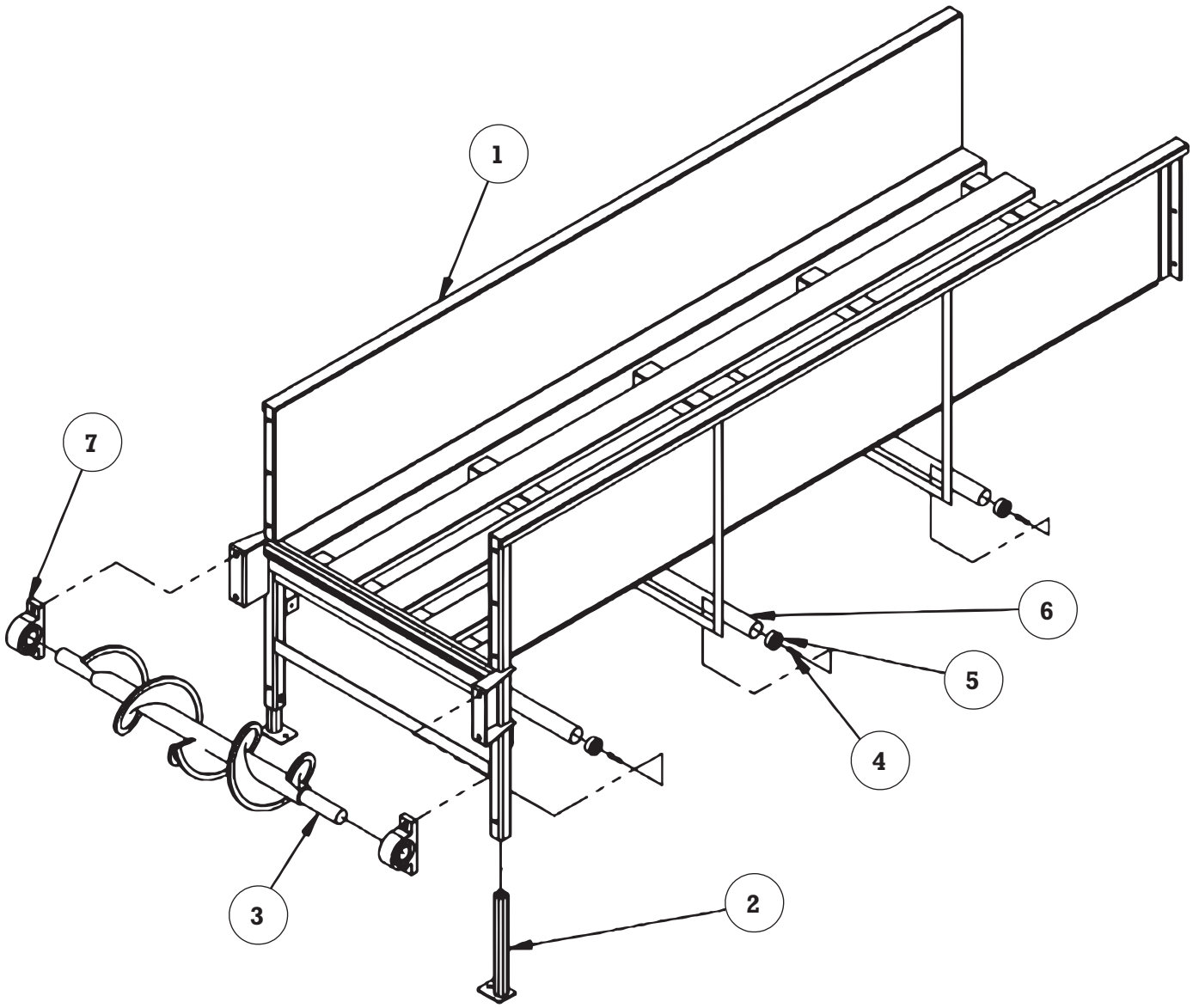


END FEED IDLER END (36” WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		END FEED IDLER END WELDMENT
2	2	091-21328	HANGING BELT FOOT
3	1	050-00019	36” SCROLL
4	6	590-00022	BALL STUD KIT
5	6	590-00055	2” EMT BEARING
6	3	590-00004	36” COMPLETE CONDUIT ROLLER 36” SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16”
	AS REQUIRED	050-00031	36” SERIES 800 INTRALOX® BELTING

Cage Unloading System

END FEED IDLER END (42” WIDE)

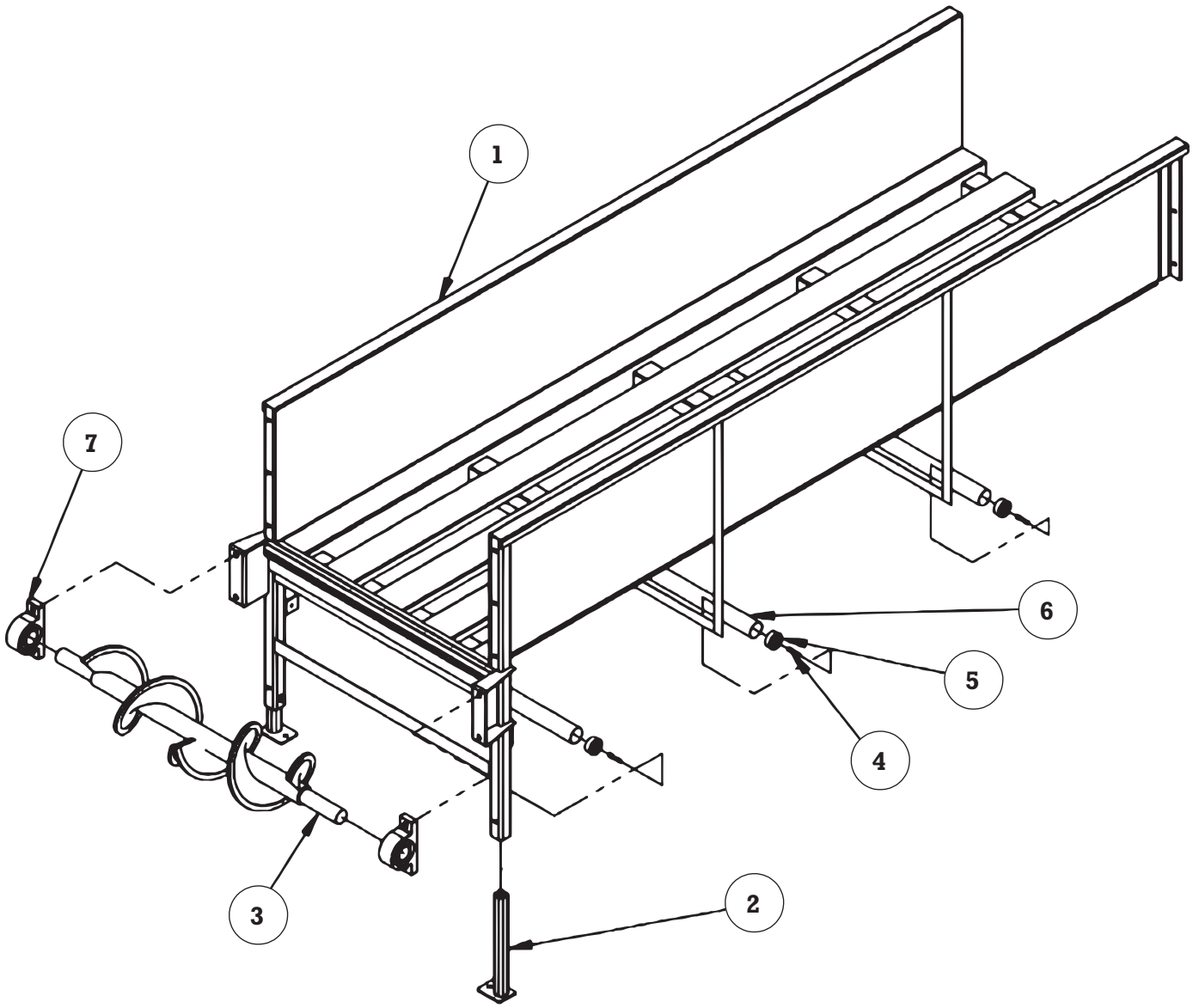


END FEED IDLER END (42” WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		END FEED IDLER END WELDMENT
2	2	091-21328	HANGING BELT FOOT
3	1	050-00154	42” SCROLL
4	6	590-00022	BALL STUD KIT
5	6	590-00055	2” EMT BEARING
6	3	590-00072	42” COMPLETE CONDUIT ROLLER 42” SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16”
	AS REQUIRED	050-00030	42” SERIES 800 INTRALOX® BELTING

Cage Unloading System

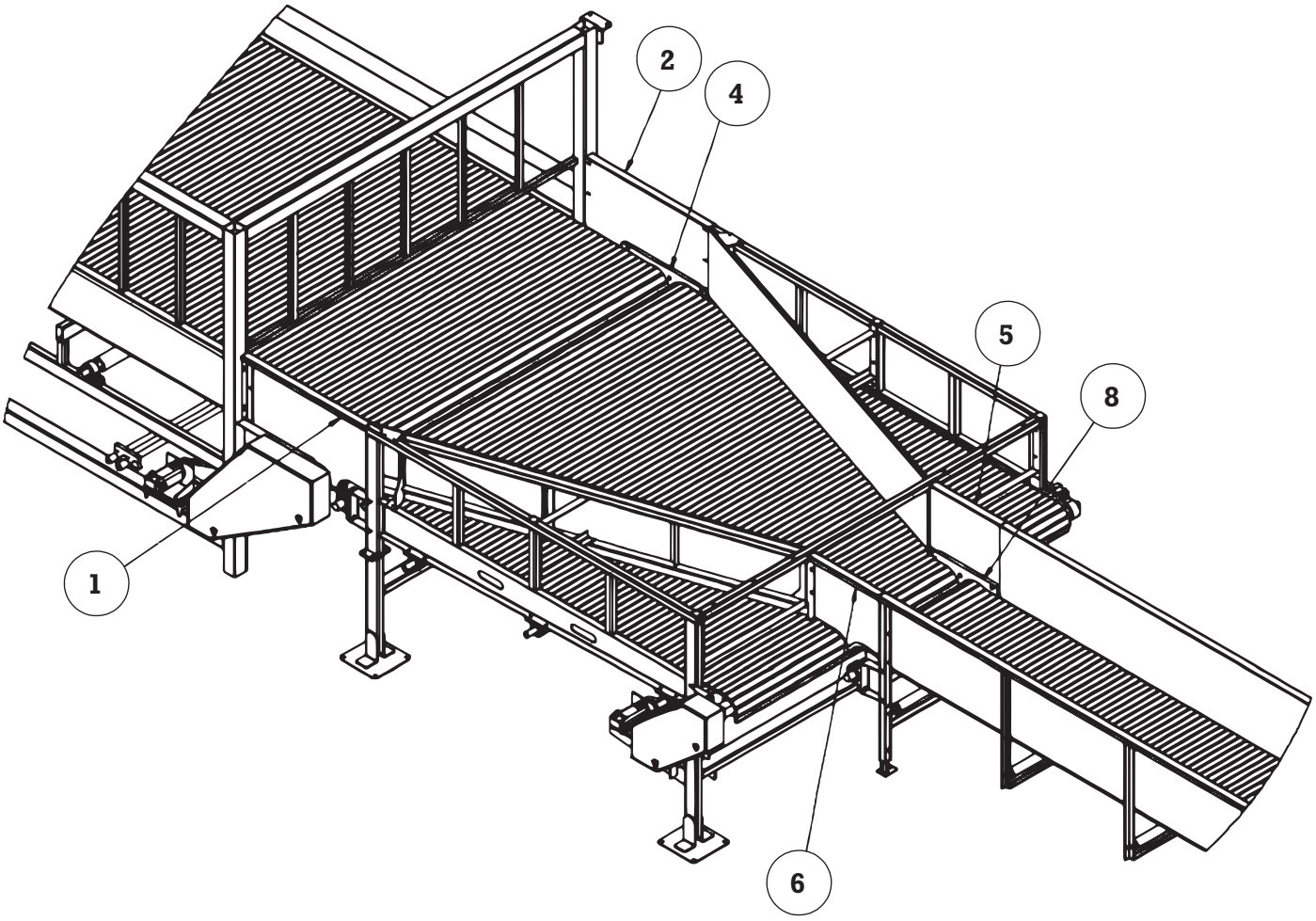
END FEED IDLER END (48” WIDE)



END FEED IDLER END (48” WIDE)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1		END FEED IDLER END WELDMENT
2	2	091-21328	HANGING BELT FOOT
3	1	050-00017	48” SCROLL
4	6	590-00022	BALL STUD KIT
5	6	590-00055	2” EMT BEARING
6	3	590-00054	48” COMPLETE CONDUIT ROLLER 48” SS BELT
7	2	030-00020-D	PILLOW BLOCK 1-15/16”
	AS REQUIRED	050-00029	48” SERIES 800 INTRALOX® BELTING

BELT INTERFACE (END FEED HANGING BELT)

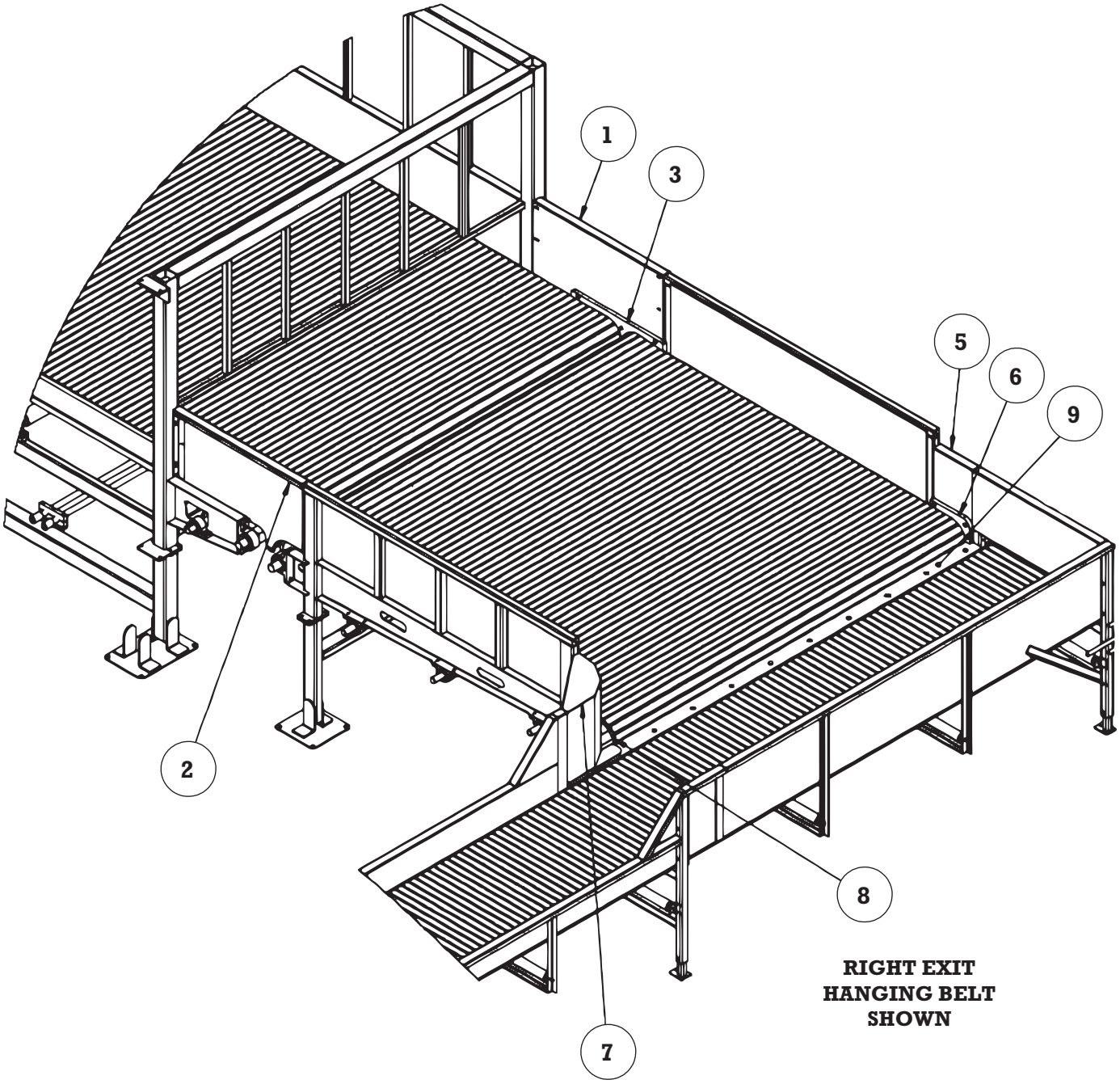


BELT INTERFACE (END FEED HANGING BELT)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00474R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
2	1	091-00474L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
3*	1	091-00425BR	PLASTIC INTERFACE PANEL FOR SHEARS
4	1	091-00425BL	PLASTIC INTERFACE PANEL FOR SHEARS
5	1	091-00475L	EXTENSION/HANGING INTERFACE PANEL
6	1	091-00475R	EXTENSION/HANGING INTERFACE PANEL
7	1	091-00410R	PLASTIC FOR EXTENSION/HANGING INTERFACE
8	1	091-00410L	PLASTIC FOR EXTENSION/HANGING INTERFACE
9*	AS REQUIRED	091-00486	RUBBER STRIPPING (PER FOOT)

NOTE: * NOT SHOWN.

BELT INTERFACE (SIDE FEED HANGING BELT)
"PUSHING BIRDS IN"



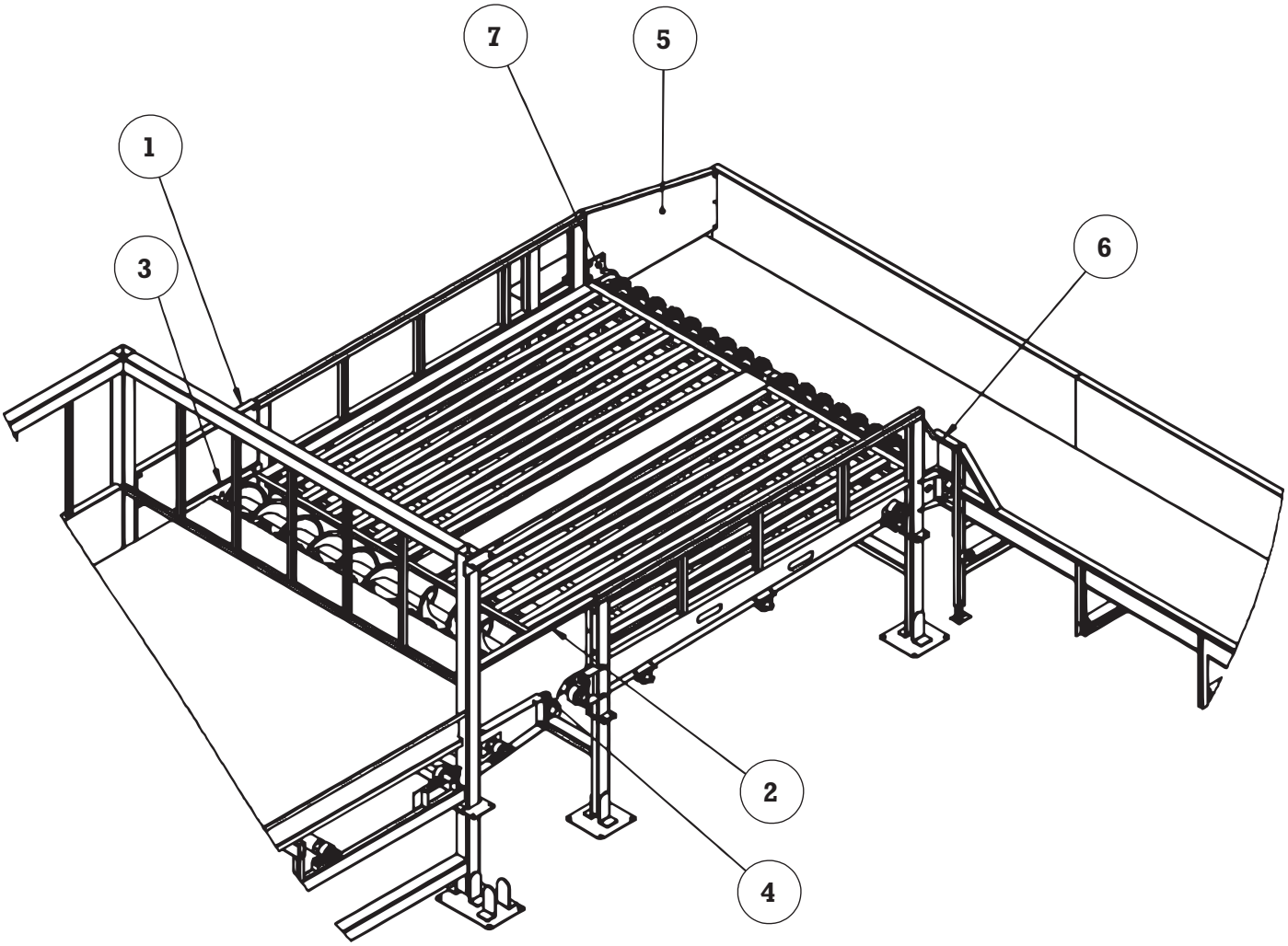
RIGHT EXIT HANGING BELT SHOWN

BELT INTERFACE (SIDE FEED HANGING BELT)
"PUSHING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00474L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
2	1	091-00474R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
3	1	091-00425L	PLASTIC INTERFACE PANEL
4	1	091-00425R	PLASTIC INTERFACE PANEL (NOT VISIBLE)
5	1	091-00426R	UPSTREAM END PANEL (RIGHT EXIT HANGING BELT)
	1	091-00426L	UPSTREAM END PANEL (LEFT EXIT HANGING BELT)
6	1	091-00430R	PLASTIC INTERFACE PANEL (RIGHT EXIT HANGING BELT)
	1	091-00430L	PLASTIC INTERFACE PANEL (LEFT EXIT HANGING BELT)
7	1	091-00428L	EXTENSION CAGE TO HANGING BELT BUMPER (LEFT EXIT HANGING BELT)
	1	091-00428R	EXTENSION CAGE TO HANGING BELT BUMPER (RIGHT EXIT HANGING BELT)
8	1	091-00431L	PLASTIC PLATE FOR CORNER (LEFT EXIT HANGING BELT)
	1	091-00431R	PLASTIC PLATE FOR CORNER (RIGHT EXIT HANGING BELT)
9		091-00427	PLASTIC STRIP

NOTE: THE LEFT/RIGHT CONFIGURATION OF THE INTERFACE PLATES FOR A SIDE FEED HANGING BELT IS DETERMINED BY THE DIRECTION THE HANGING BELT EXITS FROM THE EXTENSION CAGE. IF FACING IN THE DIRECTION OF TRAVEL OF THE EXTENSION CAGE AND THE HANGING BELT EXITS TO THE RIGHT AS SHOWN IN THE VIEW, IT IS A RIGHT EXIT HANGING BELT AND USES RIGHT PARTS. IF IT EXITS TO THE LEFT, IT USES

BELT INTERFACE (SIDE FEED HANGING BELT)
"DROPPING BIRDS IN"

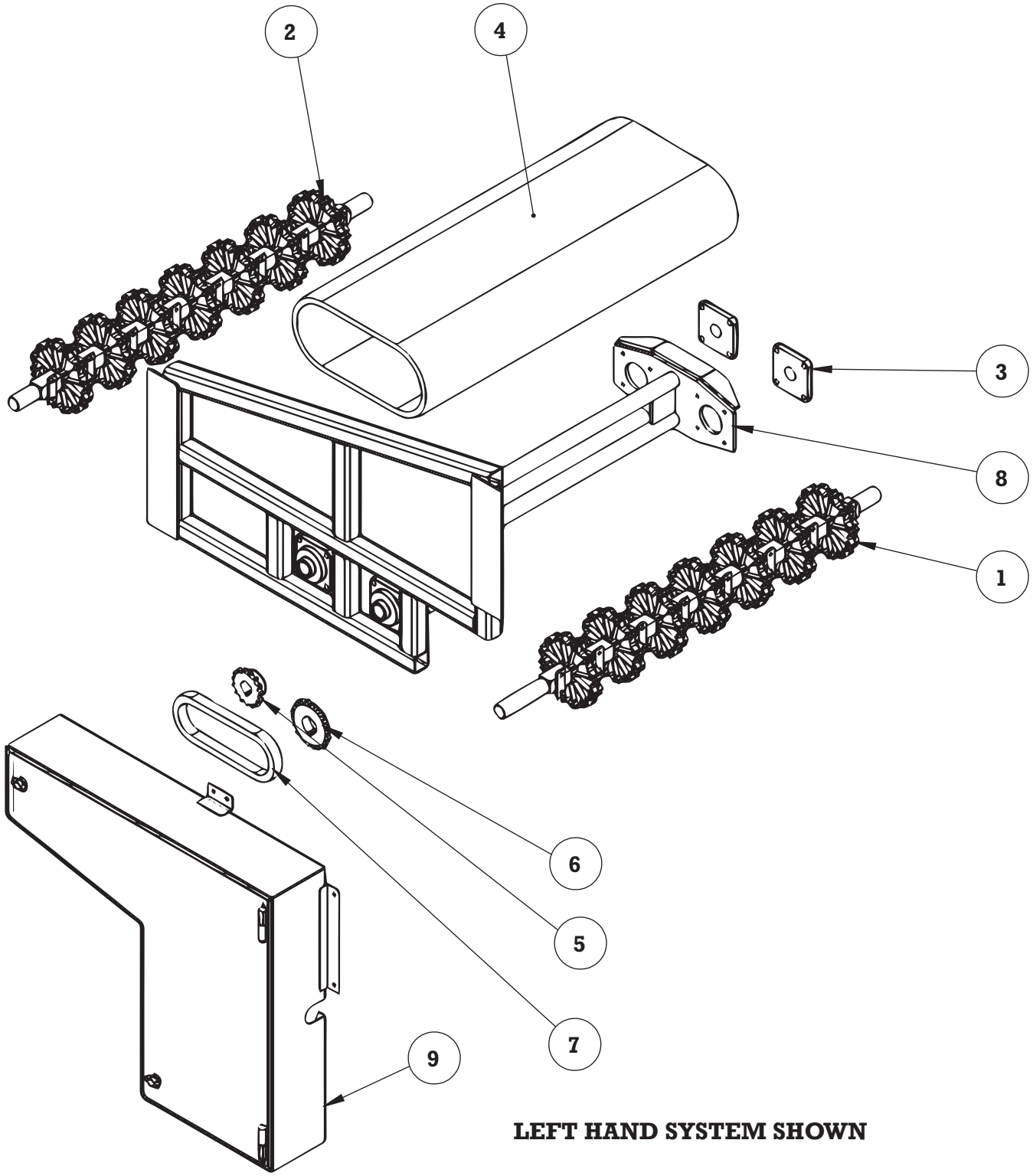


BELT INTERFACE (SIDE FEED HANGING BELT)
"DROPPING BIRDS IN"

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00474L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1L	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
2	1	091-00474R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER
	1	091-00474.1R	RECEIVING/EXTENSION INTERFACE FOR 24" HEADER (OVER CATWALK)
3	1	091-00425L	PLASTIC INTERFACE PANEL
4	1	091-00425R	PLASTIC INTERFACE PANEL
5	1	091-25315R	HANGING BELT BACK PANEL WELDMENT
6	1	091-25314R	INTERFACE CORNER
7	1	091-24119R	UHMW INTERFACE PLASTIC (RIGHT HAND SIDE)
	1	091-24119L	UHMW INTERFACE PLASTIC (LEFT HAND SIDE)

NOTE: THE LEFT/RIGHT CONFIGURATION OF THE INTERFACE PLATES FOR A SIDE FEED HANGING BELT IS DETERMINED BY THE DIRECTION THE HANGING BELT EXITS FROM THE EXTENSION CAGE. IF FACING IN THE DIRECTION OF TRAVEL OF THE EXTENSION CAGE AND THE HANGING BELT EXITS TO THE RIGHT AS SHOWN IN THE VIEW, IT IS A RIGHT EXIT HANGING BELT AND USES RIGHT PARTS. IF IT EXITS TO THE LEFT, IT USES LEFT PARTS.

42” WIDE BELT ASSEMBLY (091-00707L)
EXTENSION BELT TO 36” HANGING BELT

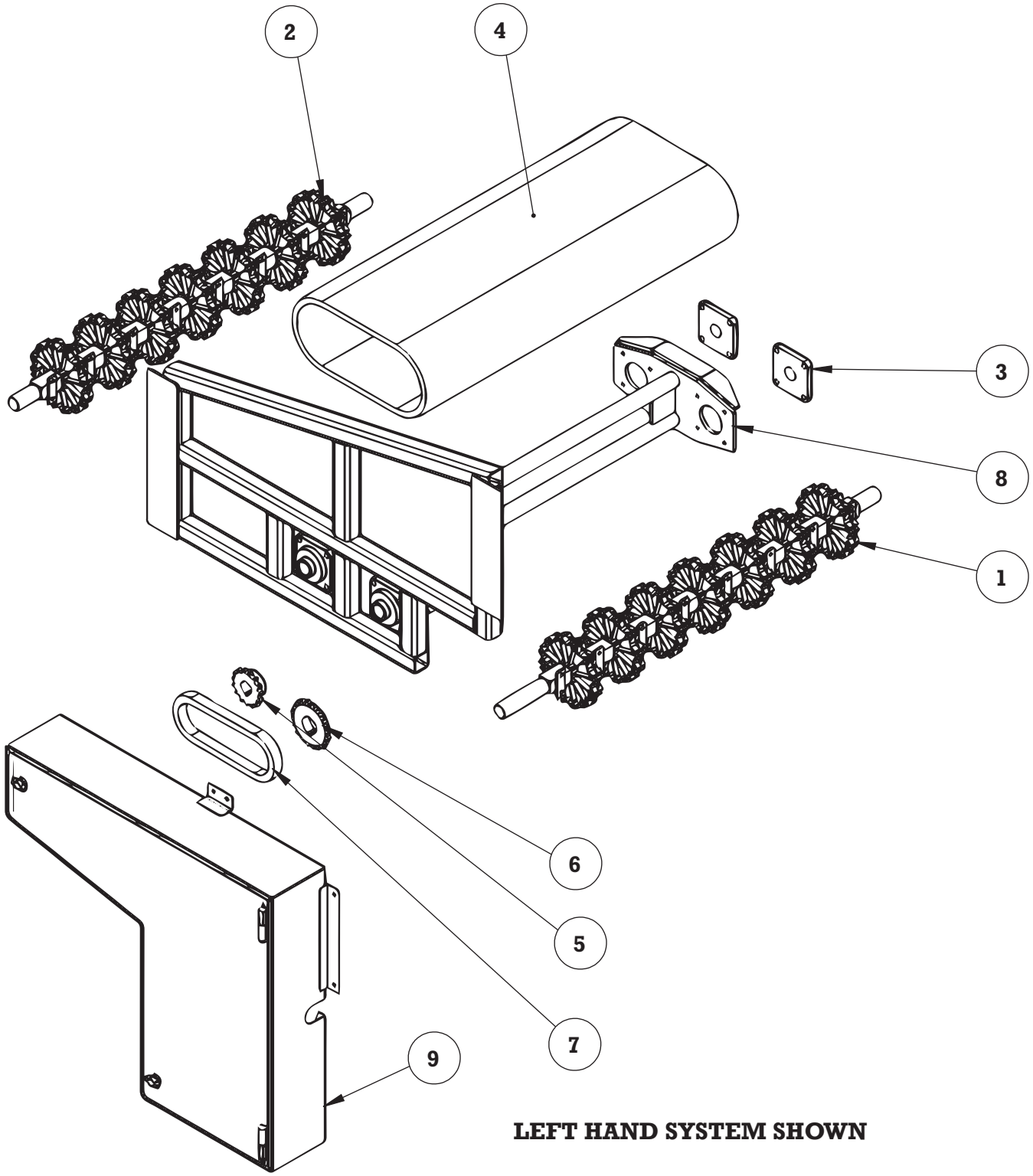


LEFT HAND SYSTEM SHOWN

42” WIDE BELT ASSEMBLY (091-00707L)
EXTENSION BELT TO 36” HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00702	SPECIAL SHAFT ASSEMBLY 1
2	1	091-00705	SPECIAL SHAFT ASSEMBLY 2
3	4	030-00018-D	FLANGE BEARING 1-7/16
4	1	050-00030	42” WIDE MODULAR BELT (4 FOOT LONG)
5	1	690-00005	SPROCKET 60BS15 1-7/16” BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00710L	42” WIDE BELT FRAME (LEFT HAND SYSTEM)
	1	091-00710R	42” WIDE BELT FRAME (RIGHT HAND SYSTEM)
9	1	091-00725L	SPECIAL GUARD FOR EXTENSION BELT (LEFT HAND SYSTEM)
	1	091-00725R	SPECIAL GUARD FOR EXTENSION BELT (RIGHT HAND SYSTEM)

42” WIDE BELT ASSEMBLY (091-25435L)
EXTENSION BELT TO 42” HANGING BELT

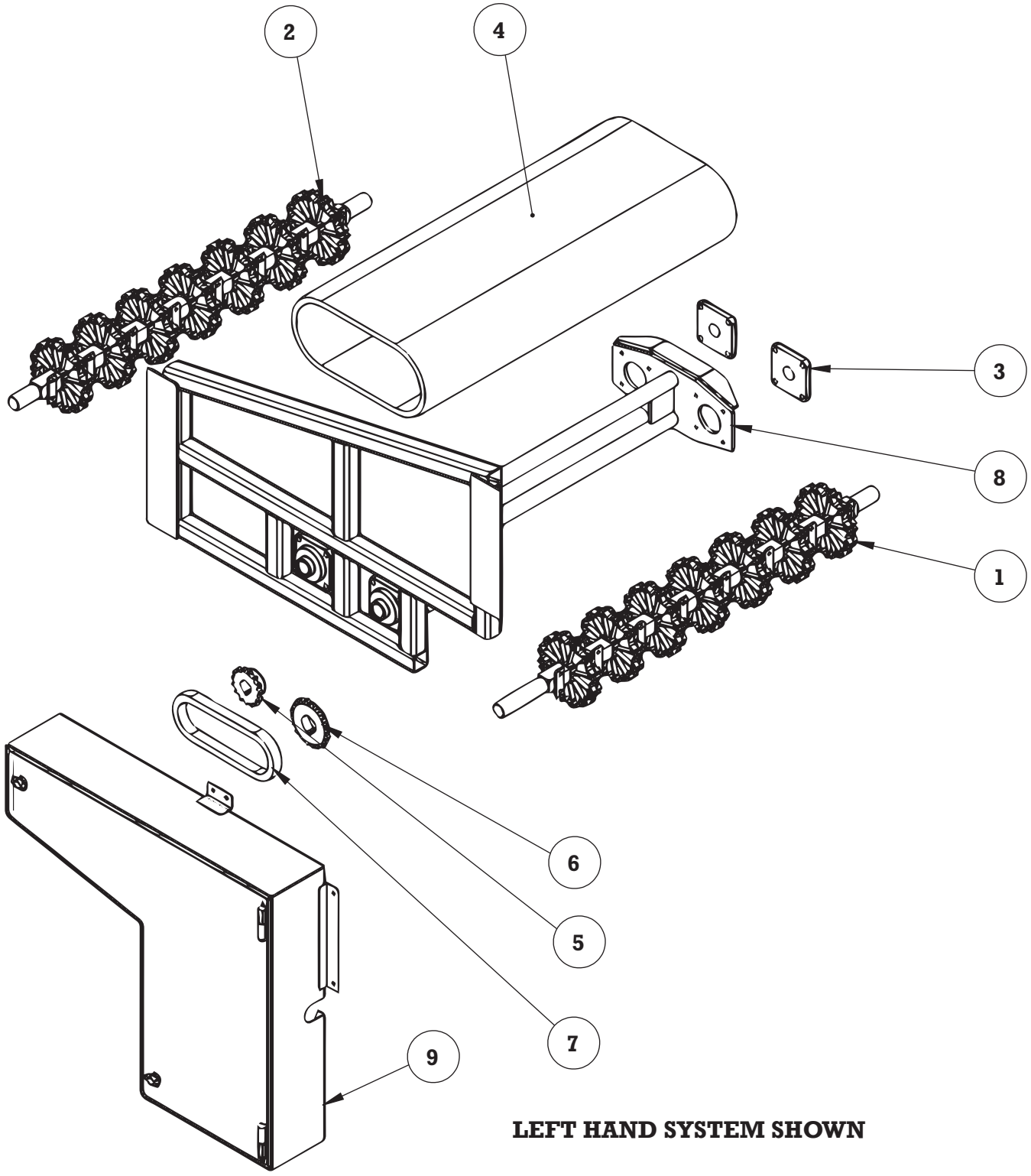


LEFT HAND SYSTEM SHOWN

42” WIDE BELT ASSEMBLY (091-25435L)
EXTENSION BELT TO 42” HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00702	SPECIAL SHAFT ASSEMBLY 1
2	1	091-00705	SPECIAL SHAFT ASSEMBLY 2
3	4	030-00018-D	FLANGE BEARING 1-7/16
4	1	050-00030	42” WIDE MODULAR BELT (4 FOOT LONG)
5	1	690-00005	SPROCKET 60BS15 1-7/16” BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00893L	42” WIDE BELT FRAME (FOR 42” HANGING BELT) (LEFT HAND SYSTEM)
	1	091-00893R	42” WIDE BELT FRAME (FOR 42” HANGING BELT) (RIGHT HAND SYSTEM)
9	1	091-00725L	SPECIAL GUARD FOR EXTENSION BELT (LEFT HAND SYSTEM)
	1	091-00725R	SPECIAL GUARD FOR EXTENSION BELT (RIGHT HAND SYSTEM)

42” WIDE BELT ASSEMBLY (091-25436L)
RECEIVING BELT TO 42” HANGING BELT

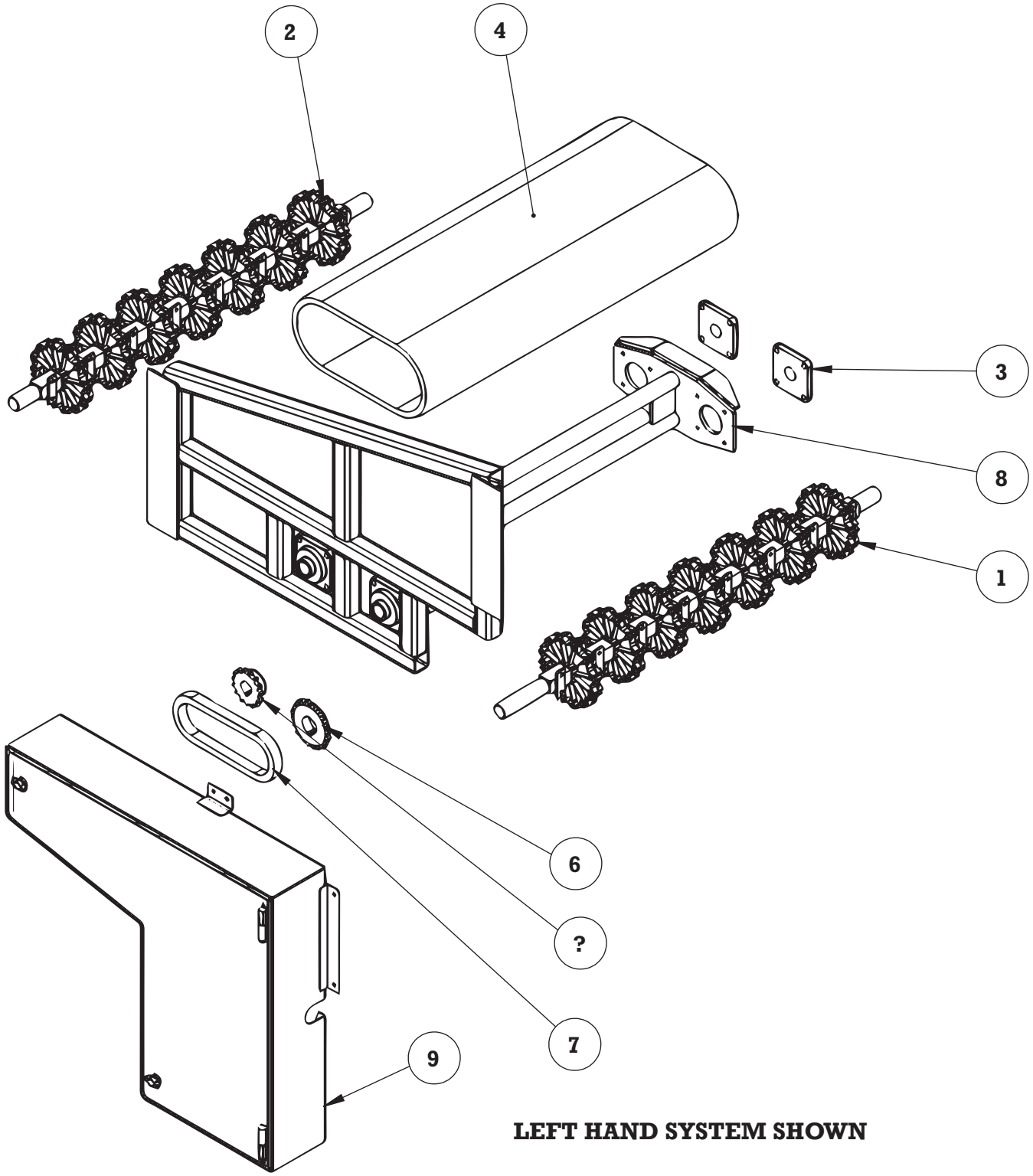


LEFT HAND SYSTEM SHOWN

42" WIDE BELT ASSEMBLY (091-25436L)
RECEIVING BELT TO 42" HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00702	SPECIAL SHAFT ASSEMBLY 1
2	1	091-00705	SPECIAL SHAFT ASSEMBLY 2
3	4	030-00018-D	FLANGE BEARING 1-7/16
4	1	050-00030	42" WIDE MODULAR BELT (4 FOOT LONG)
5	1	690-00005	SPROCKET 60BS15 1-7/16" BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00894L	42" WIDE BELT FRAME (42" HANGING BELT TO RECEIVING BELT) (LEFT HAND SYSTEM)
	1	091-00894R	42" WIDE BELT FRAME (42" HANGING BELT TO RECEIVING BELT) (RIGHT HAND SYSTEM)
9	1	091-00798L	SPECIAL GUARD FOR EXTENSION BELT (LEFT HAND SYSTEM)
	1	091-00798R	SPECIAL GUARD FOR EXTENSION BELT (RIGHT HAND SYSTEM)

42” WIDE BELT ASSEMBLY (091-00786L)
RECEIVING BELT TO 48” HANGING BELT

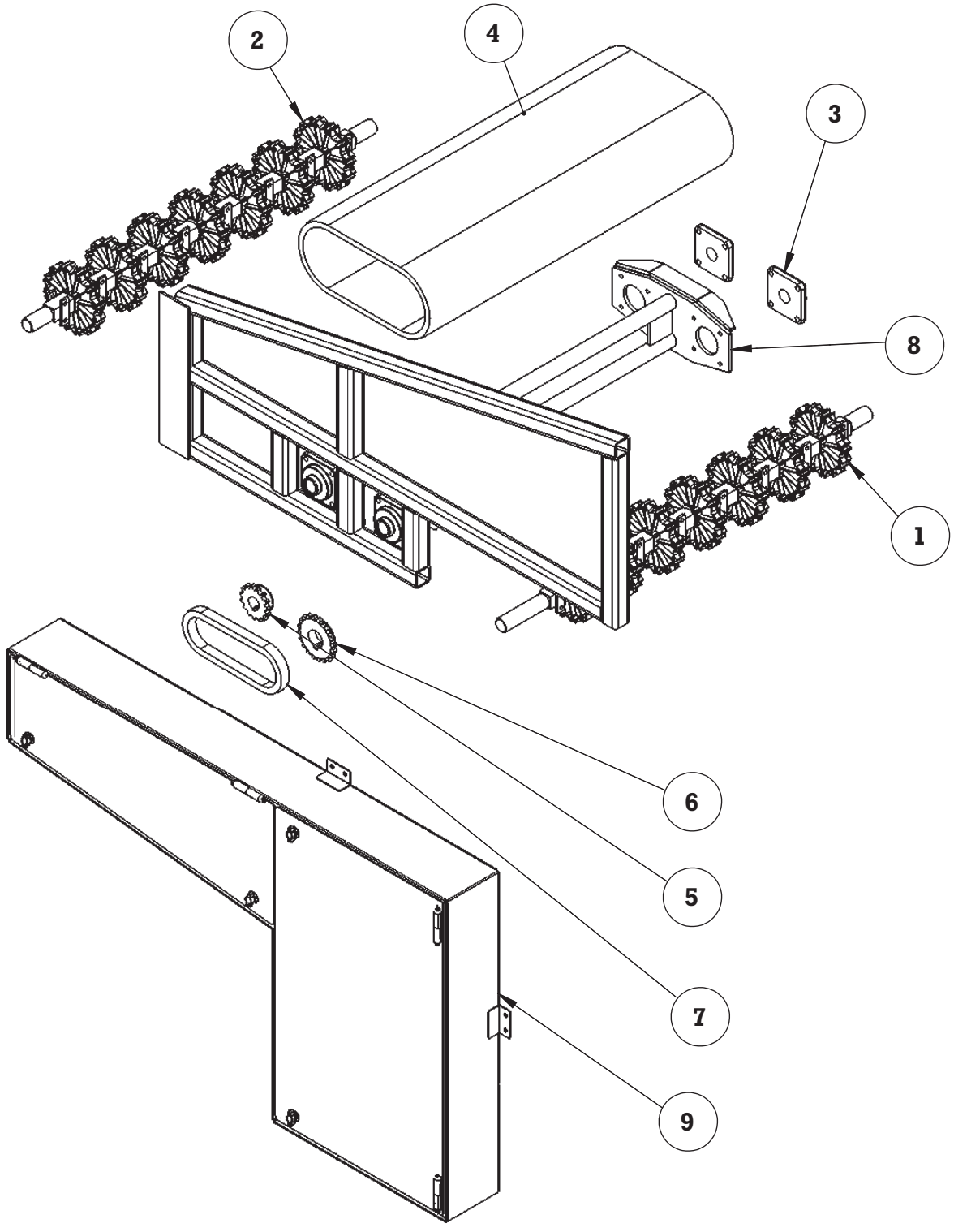


LEFT HAND SYSTEM SHOWN

42” WIDE BELT ASSEMBLY (091-00786L)
RECEIVING BELT TO 48” HANGING BELT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00702	SPECIAL SHAFT ASSEMBLY 1
2	1	091-00705	SPECIAL SHAFT ASSEMBLY 2
3	4	030-00018-D	FLANGE BEARING 1-7/16
4	1	050-00030	42” WIDE MODULAR BELT (4 FOOT LONG)
5	1	690-00005	SPROCKET 60BS15 1-7/16” BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FOOT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00795L	42” WIDE BELT FRAME (LEFT HAND SYSTEM)
	1	091-00795R	42” WIDE BELT FRAME (RIGHT HAND SYSTEM)
9	1	091-00798L	SPECIAL GUARD FOR EXTENSION BELT (LEFT HAND SYSTEM)
	1	091-00798R	SPECIAL GUARD FOR EXTENSION BELT (RIGHT HAND SYSTEM)

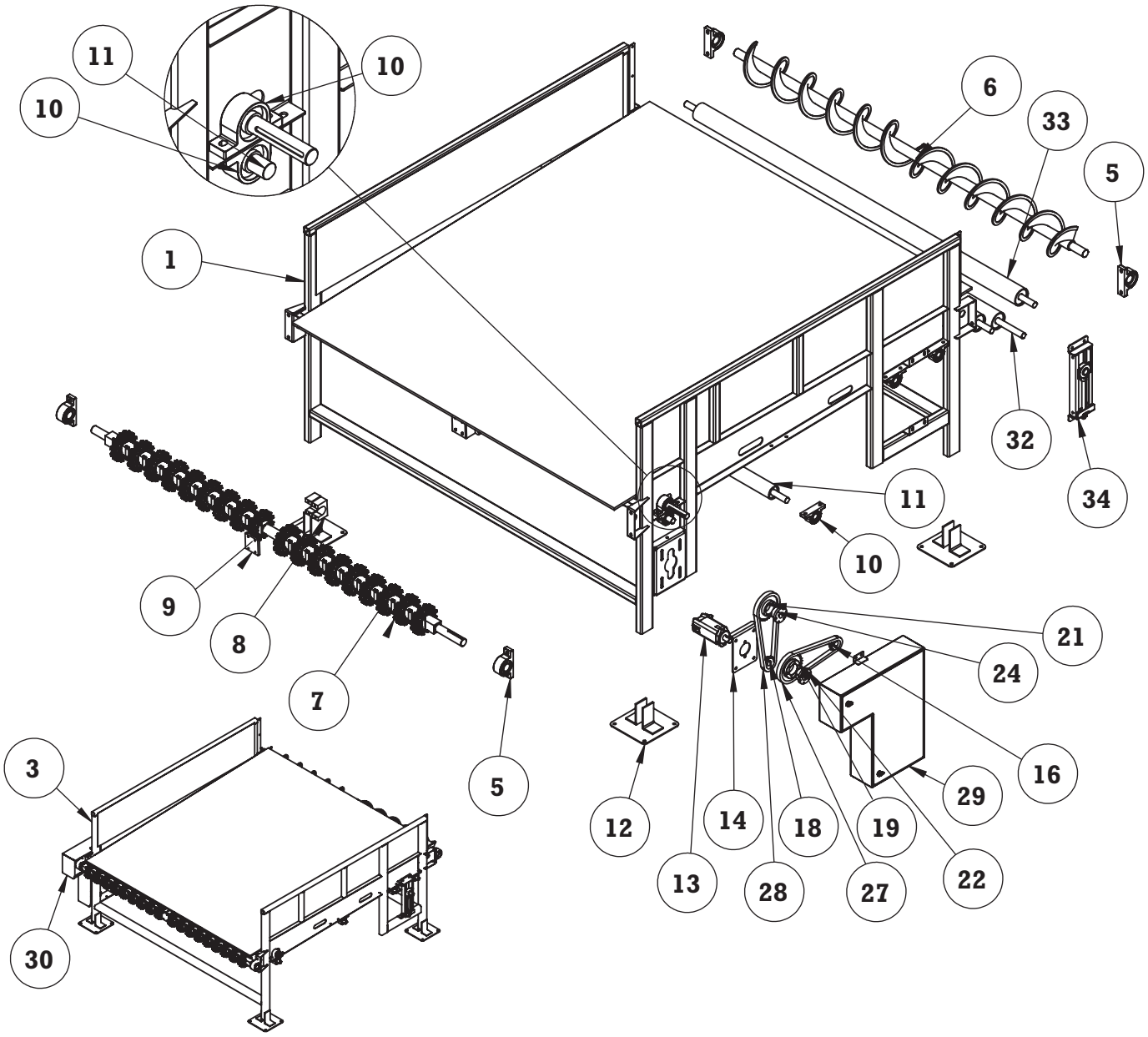
42” WIDE BELT ASSEMBLY (091-25441L)
(LHS DRIVE FOR 36” HANGING BELT)



42” WIDE BELT ASSEMBLY (091-25441L)
(LHS DRIVE FOR 36” HANGING BELT)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00702	SPECIAL SHAFT ASSY 1
2	1	091-00705	SPECIAL SHAFT ASSY 2
3	4	030-00018	FLANGE BEARING 1-7/16
4	1	050-00030	42” WIDE MODULAR BELT (4FT)
5	1	690-00005	SPROCKET 60BS15 1-7/16” BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FT)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00910L	42” WIDE BELT FRAME (36” HANGING BELT TO REC BELT)
9	1	091-00798L	SPECIAL GUARD FOR EXTENSION BELT

108" X 10' EXTENSION BELT 2° DECLINE W/TAKE UP (091-25446-ASSY)

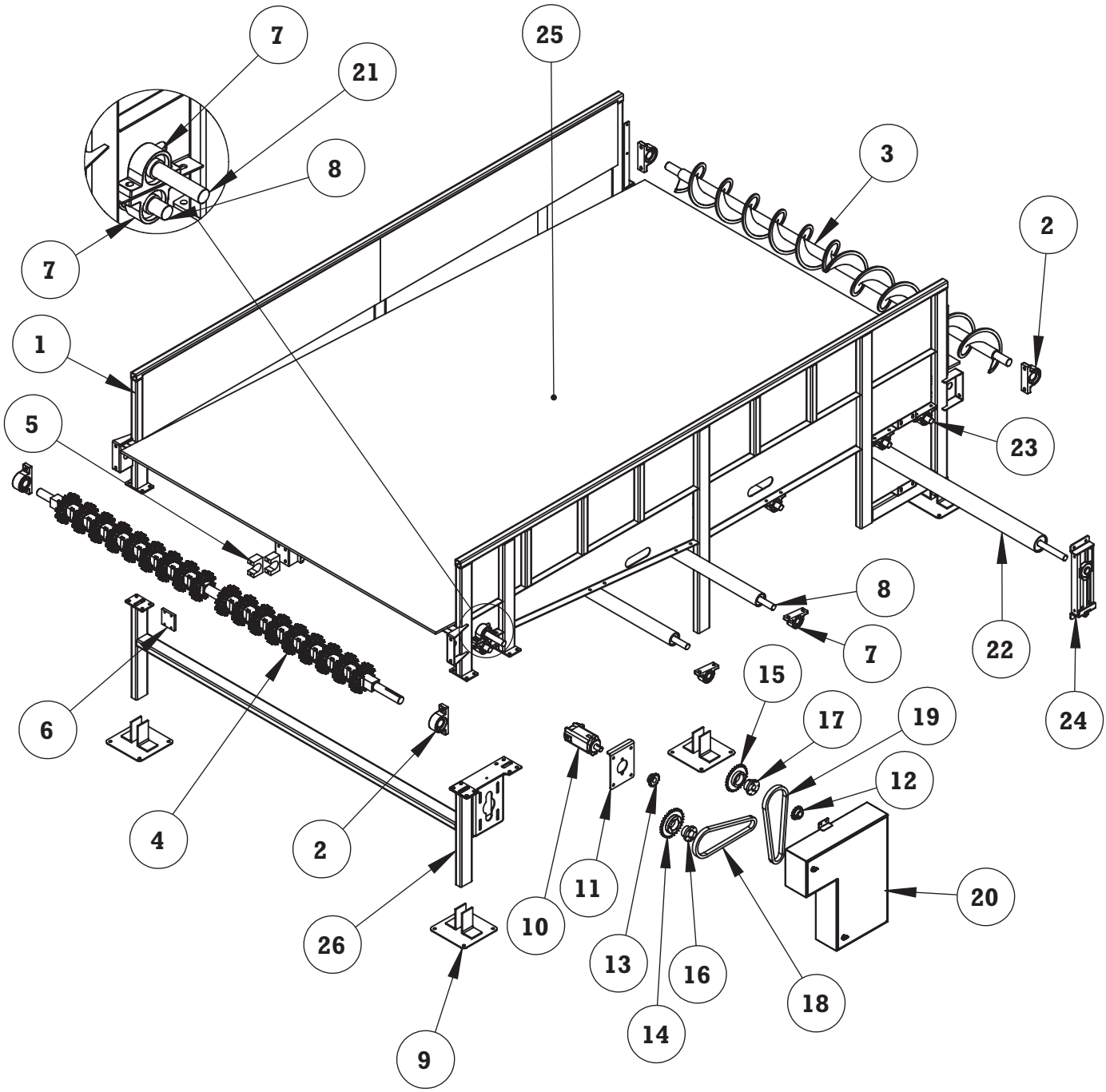


108" X 10' EXTENSION BELT 2° DECLINE W/TAKE UP (091-25446-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25446L	108" BELT X 120" LG EXTENSION BELT FRAME WELDMT 2° DECLINE W/TAKE UP
2	1	091-25446LS	108" BELT X 120" LG EXTENSION BELT FRAME WELDMT 2° DECLINE W/TAKE UP
3	1	091-25446R	108" BELT X 120" LG EXTENSION BELT FRAME WELDMT 2° DECLINE W/TAKE UP
4	1	091-25446RS	108" BELT X 120" LG EXTENSION BELT FRAME WELDMT 2° DECLINE W/TAKE UP
5	4	030-00020-D	PILLOW BLOCK 1-15/16
6	1	050-00131	STN STL SCROLL FOR 108" BELT
7	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
8	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
9	1	091-20264	CENTRAL BUSHING CAP
10	10	030-00021-D	PILLOW BLOCK 1-7/16
11	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
12	4	091-21675	FOOT PAD FOR EXTENSION CAGE
13	1	450-00004	HYDRAULIC MOTOR
14	1	091-20558	HYDRAULIC MOTOR SUPPORT
15	1	690-00005	SPROCKET 60BS15 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00005	SPROCKET 60BS15 1-7/16" BORE (48" HANGING BELT WIDTH)
16	1	690-00004	SPROCKET 60BS13 1-7/16" BORE (36" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 1-7/16" BORE (42" HANGING BELT WIDTH)
	1	690-00004	SPROCKET 60BS13 1-7/16" BORE (48" HANGING BELT WIDTH)
17	1	690-00044	SPROCKET 60BS15 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00044	SPROCKET 60BS15 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00044	SPROCKET 60BS15 1-1/4" BORE (48" HANGING BELT WIDTH)
18	1	690-00003	SPROCKET 60BS13 1-1/4" BORE (36" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 1-1/4" BORE (42" HANGING BELT WIDTH)
	1	690-00003	SPROCKET 60BS13 1-1/4" BORE (48" HANGING BELT WIDTH)
19	1	690-00015	SPROCKET 60SK30
20	1	690-00006	SPROCKET 60SDS20
21	1	690-00014	SPROCKET 60SK28
22	1	690-00060	QD BUSHING (SK 1-15/16)
23	1	690-00021	QD BUSHING (SDS 1-7/16)
24	1	690-00022	QD BUSHING (SK-1-7/16)
25	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
26	1	110-00001H	ROLLER CHAIN #60 - 4.5 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
27	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
28	1	110-00001H	ROLLER CHAIN #60 - 4.25 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
29	1	091-21895L	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP) (LEFT HAND DRIVE SYSTEM)
30	1	091-21895R	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP) (RIGHT HAND DRIVE SYSTEM)
31	1	091-25329	COUNTER SHAFT 108" EXTENSION BELT
32	1	091-25397	TAKE-UP ROLLER (CENTER)
33	2	091-25348	TAKE-UP ROLLER (SIDE)
34	2	091-25347-ASSY	TAKE-UP ASSEMBLY - 22" LG
35	28 FT	050-00130	108" INTRALOX BELTING

Cage Unloading System

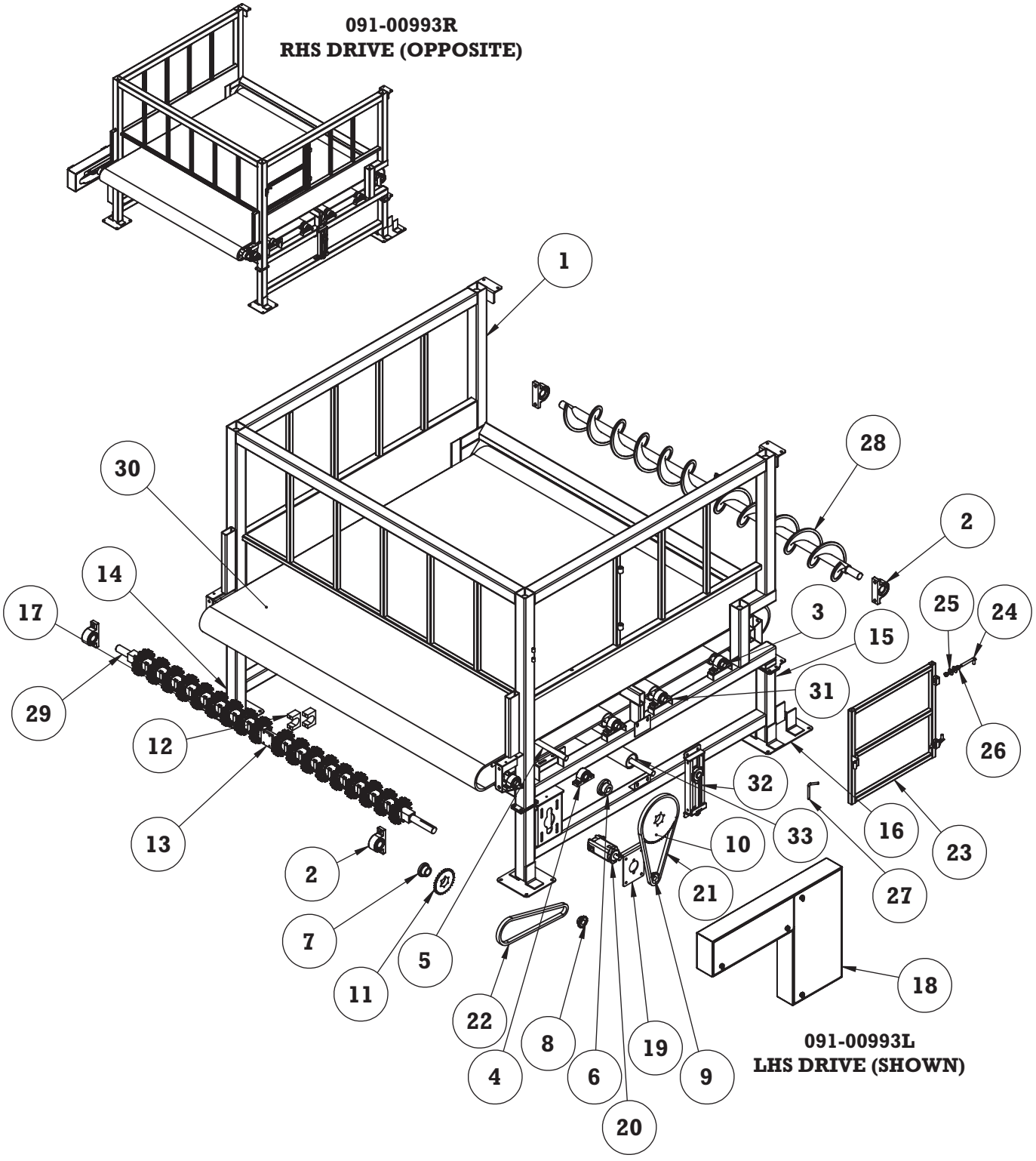
108' X 15' EXTENSION BELT LG (091-00982-ASSY)



108' X 15' EXTENSION BELT LG (091-00982-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00982L	108" BELT X 15' LG EXTENSION BELT FRAME WELDMENT (LEFT HAND DRIVE SYSTEM)
2	4	030-00020-D	PILLOW BLOCK 1-15/16
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
5	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	091-20264	CENTRAL BUSHING CA
7	14	030-00021-D	PILLOW BLOCK 1-7/16
8	4	590-00062	IDLER ROLLER FOR 108" INTRALOX
9	6	091-21675	FOOT PAD FOR EXTENSION CAGE
10	1	450-00004	HYDRAULIC MOTOR
11	1	091-20558	HYDRAULIC MOTOR SUPPORT
12	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
13	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
14	1	690-00015	SPROCKET 60SK30
15	1	690-00014	SPROCKET 60SK28
16	1	690-00060	QD BUSHING (SK 1-15/16)
17	1	690-00022	QD BUSHING (SK-1-7/16)
18	1	110-00001H	ROLLER CHAIN #60 (4 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
19	1	110-00001H	ROLLER CHAIN #60 (4.25 FT LONG)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
20	1	091-21864L	GUARD FOR EXTENSION BELT (JANUARY 2015 AND UP) (LEFT HAND DRIVE SYSTEM)
21	1	091-25329A	108" EXTENSION BELT COUNTER SHAFT
22	1	091-25397	TAKE-UP ROLLER (CENTER)
23	2	091-25348	TAKE-UP ROLLER (SIDE)
24	2	091-25347-ASSY	TAKE-UP ASS'Y - 22" LG
25	1	050-00130	108" INTRALOX BELT X 36'
26	1	091-25301DL	108" EXTENSION CAGE SUBFRAME WITH DRIVE (LEFT HAND DRIVE SYSTEM)

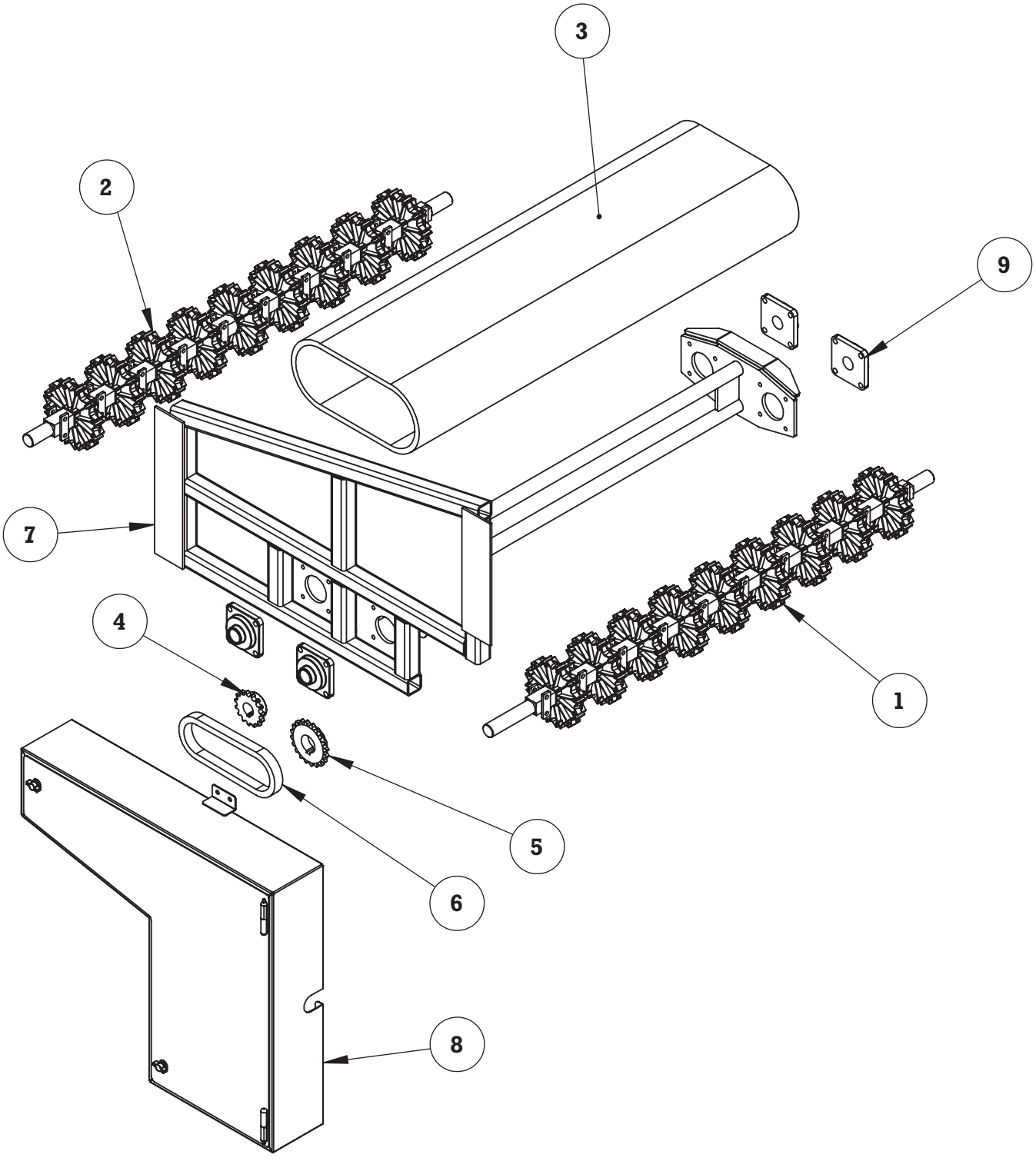
RECEIVING BELT WITH SIDE OUTLET (091-00993-ASSY)



RECEIVING BELT WITH SIDE OUTLET (091-00993-ASSY)

ITEM	LHS	RHS	PART NUMBER	DESCRIPTION
1	1	1	091-00993	RECEIVING BELT FRAME WELDMENT 108" WIDE BELT AND SIDE OUTLET
2	4	4	030-00020-D	PILLOW BLOCK 1-15/16
3	2	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
4	10	10	030-00021-D	PILLOW BLOCK 1-7/16
5	1	1	670-00060	COUNTER SHAFT 108" BELT
6	1	1	690-00043	QD BUSHING (SF 1-7/16)
7	1	1	690-00060	QD BUSHING (SK 1-15/16)
8	1	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
9	1	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
10	1	1	690-00011	SPROCKET 60SF60
11	1	1	690-00015	SPROCKET 60SK30
12	2	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
13	1	1	091-20264	CENTRAL BUSHING CAP
14	1	1	091-25324WO	RECEIVING BELT SUB-FRAME
15	1	–	091-25324L	RECEIVING BELT SUB-FRAME WITH DRIVE
16	2	2	091-21672.1	INNER FOOT PAD FOR 108" RECIEVING CAGE
17	2	2	091-21669	3-1/2" FOOT PAD
18	1	–	091-21869L	GUARD FOR RECEIVING BELT
19	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
20	1	1	450-00004	HYDRAULIC MOTOR
21	1	1	110-00001H	ROLLER CHAIN #60 X (6 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
22	1	1	110-00001H	ROLLER CHAIN #60 X (5 FOOT LONG)
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
23	1	1	091-21852	WIDENED RECIEVING CAGE DOOR
24	2	2	091-20393	GATE HINGE PIN
25	4	4	REF.	FLATWASHER
26	4	4	REF.	HEX NUT NC
27	1	1	790-00261	COOPER BASKET GATE PIN
28	1	1	050-00131	STN STL SCROLL FOR 108" BELT
29	1	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
30	1	1	050-00130	108" INTRALOX BELTING X 28 FT LONG
31	2	2	091-25348	TAKE-UP ROLLER (SIDE)
32	2	2	091-25347-ASSY	TAKE-UP ASSEMBLY – 22" LG
33	1	1	091-25397	TAKE-UP ROLLER (CENTER)
34	-	1	091-25324R	RECEIVING BELT SUB-FRAME WITH DRIVE
35	-	1	091-21869R	GUARD FOR RECEIVING BELT

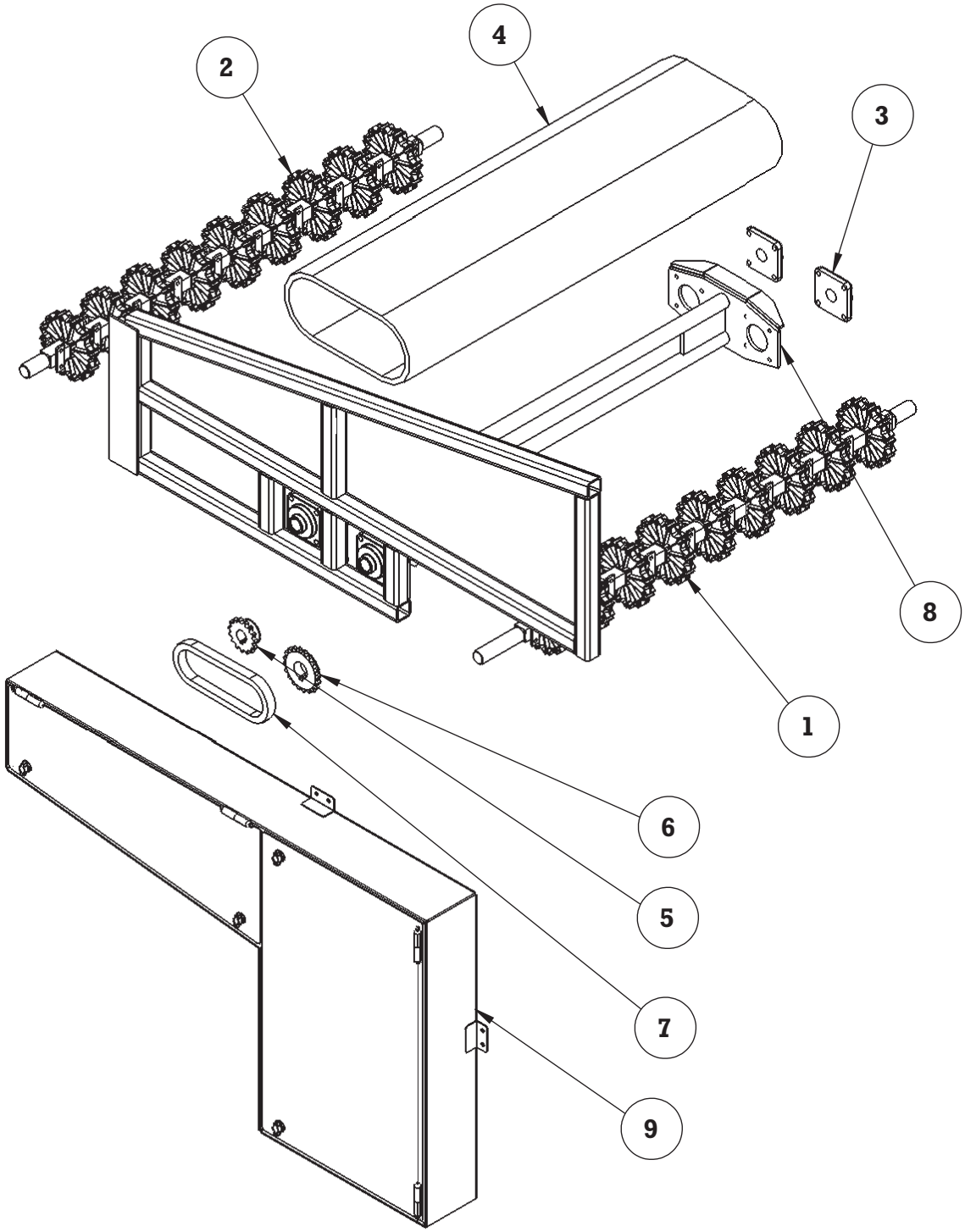
54" WIDE BELT ASSEMBLY (091-25449L)
(LHS DRIVE FOR 36" HANGING BELT FROM EXT BELT)



54" WIDE BELT ASSEMBLY (091-25449L)
(LHS DRIVE FOR 36" HANGING BELT FROM EXT BELT)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00906	54" PUSH OVER BELT DRIVE SHAFT ASSEMBLY
2	1	091-00908	54" PUSH OVER BELT IDLER SHAFT ASSEMBLY
3	1	050-00155	54" WIDE MODULAR BELT (4 FOOTT)
4	1	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
6	1	110-00001H	ROLLER CHAIN #60 (3 FOOT)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
7	1	091-01011L	54" WIDE BELT FRAME (EXTENSION BELT TO 36" HANGING BELT)
8	1	091-00725L	SPECIAL GUARD FOR EXTENSION BELT
9	4	030-00018-D	FLANGE BEARING 1-7/16

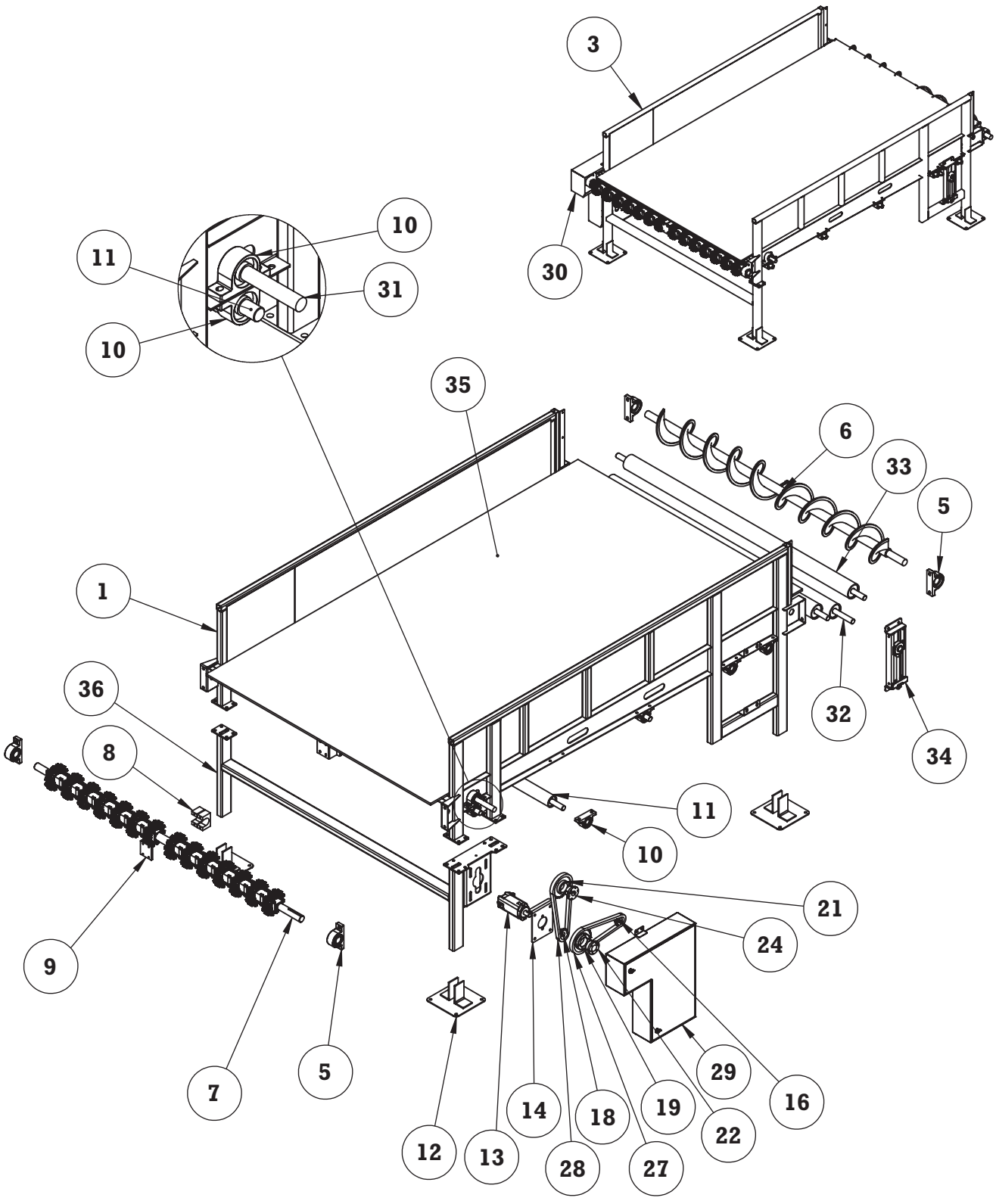
54” WIDE BELT ASSEMBLY (091-25440L)
(LHS DRIVE FOR 42” HANGING BELT)



54" WIDE BELT ASSEMBLY (091-25440L)
(LHS DRIVE FOR 42" HANGING BELT)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00906	54" PUSH OVER BELT DRIVE SHAFT ASSEMBLY
2	1	091-00908	54" PUSH OVER BELT IDLER SHAFT ASSEMBLY
3	4	050-00155	FLANGE BEARING 1-7/16 030-00018-D 4 1 54" WIDE MODULAR BELT (4 FOOT)
5	1	690-00005	SPROCKET 60BS15 1-7/16" BORE
6	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
7	1	110-00001H	ROLLER CHAIN #60 (3 FOOT)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
8	1	091-00902L	54" WIDE BELT FRAME (42" HANGING BELT TO REC BELT)
9	1	091-00798L	SPECIAL GUARD FOR EXTENSION BELT

88" X 145-3/4"' EXTENSION BELT WITH TAKE UP (091-01010-ASSY)

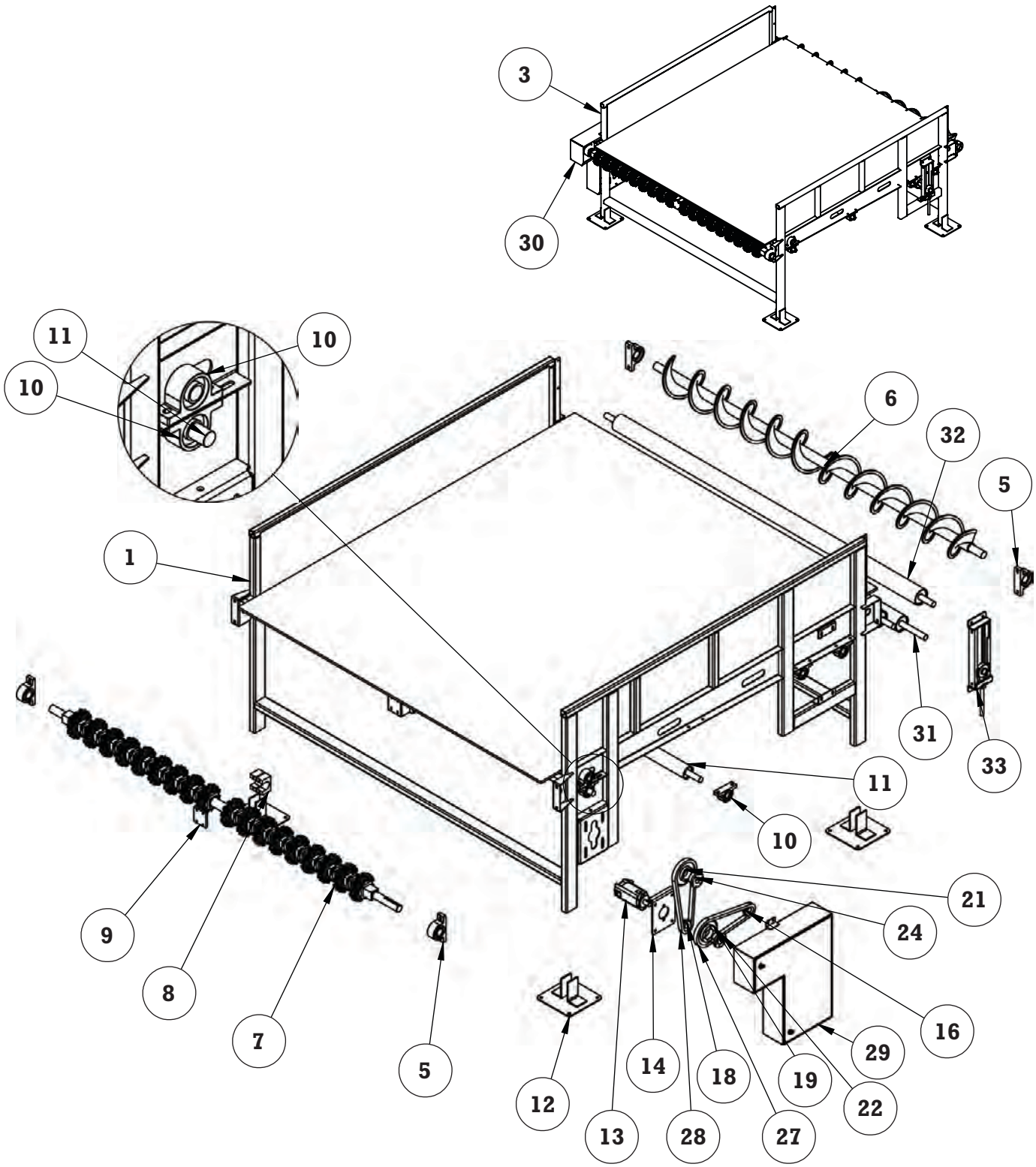


88" X 145-3/4"' EXTENSION BELT WITH TAKE UP (091-01010-ASSY)

ITEM	LHS STRAIGHT QTY.	RHS STRAIGHT QTY.	RHS SIDE INLET QTY.	LHS SIDE INLET QTY.	PART NUMBER	DESCRIPTION
1	–	–	–	1	091-01010L	88" BELT X 145-3/4" LG EXT BELT FRAME WELDMT W/TAKE-UP
2	1	–	–	–	091-01010LS	88" BELT X 145-3/4" LG EXT BELT FRAME WELDMT W/TAKE-UP
3	–	–	1	–	091-01010R	88" BELT X 145-3/4" LG EXT BELT FRAME WELDMT W/TAKE-UP
4	–	1	–	–	091-01010LR	88" BELT X 145-3/4" LG EXT BELT FRAME WELDMT W/TAKE-UP
5	4	4	4	4	030-00020-D	PILLOW BLOCK 1-15/16
6	1	1	1	1	050-00020	SS SCROLL FOR 88" BELT
7	1	1	1	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
8	2	2	2	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
9	1	1	1	1	091-20264	CENTRAL BUSHING CAP
10	12	12	12	12	030-00021-D	PILLOW BLOCK 1-7/16
11	3	3	3	3	590-00024	IDLER ROLLER FOR 88" INTRALOX BELT
12	4	4	4	4	091-21675	FOOT PAD FOR EXTENSION CAGE
13	1	1	1	1	450-00004	HYDRAULIC MOTOR
14	1	1	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
15	1	1	–	–	690-00005	SPROCKET 60BS15 1-7/16" BORE
16	–	–	1	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
17	1	1	–	–	690-00044	SPROCKET 60BS15 1-1/4" BORE
18	–	–	1	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
19	1	1	1	1	690-00015	SPROCKET 60SK30
20	1	1	–	–	690-00006	SPROCKET 60SDS20
21	–	–	1	1	690-00014	SPROCKET 60SK28
22	1	1	1	1	690-00060	QD BUSHING (SK 1-15/16)
23	1	1	–	–	690-00021	QD BUSHING (SDS 1-7/16)
24	–	–	1	1	690-00022	QD BUSHING (SK-1-7/16)
25	1	1	–	–	110-00001H	ROLLER CHAIN #60 - 4 FOOT
	1	1	–	–	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
26	1	1	–	–	110-00001H	ROLLER CHAIN #60 - 4.5 FOOT
	1	1	–	–	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
27	–	–	1	1	110-00001H	ROLLER CHAIN #60 - 4 FOOT
	–	–	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
			AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
28	–	–	1	1	110-00001H	ROLLER CHAIN #60 - 4.25 FOOT
	–	–	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	–	–	AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
29	1	–	–	1	091-21864L	GUARD FOR EXTENSION BELT JANUARY 2015 AND UP
30	–	1	1	–	091-21864R	GUARD FOR EXTENSION BELT JANUARY 2015 AND UP
31	1	1	1	1	670-00009	COUNTER SHAFT 88" BELT
32	1	1	1	1	091-25390	TAKE-UP ROLLER CENTER (88" BELT)
33	2	2	2	2	091-25391	TAKE-UP ROLLER SIDE (88" BELT)
34	2	2	2	2	091-25347-ASSY	TAKE-UP ASSEMBLY - 22" LG
35	32 FT	32 FT	32 FT	32 FT	050-00028	88" INTRALOX BELT SERIES 800 X 32 FOOT
36	1	–	–	1	091-25305DL	88" EXTENSION CAGE SUBFRAME WITH DRIVE
37	–	1	1	–	091-25305DR	88" EXTENSION CAGE SUBFRAME WITH DRIVE

Cage Unloading System

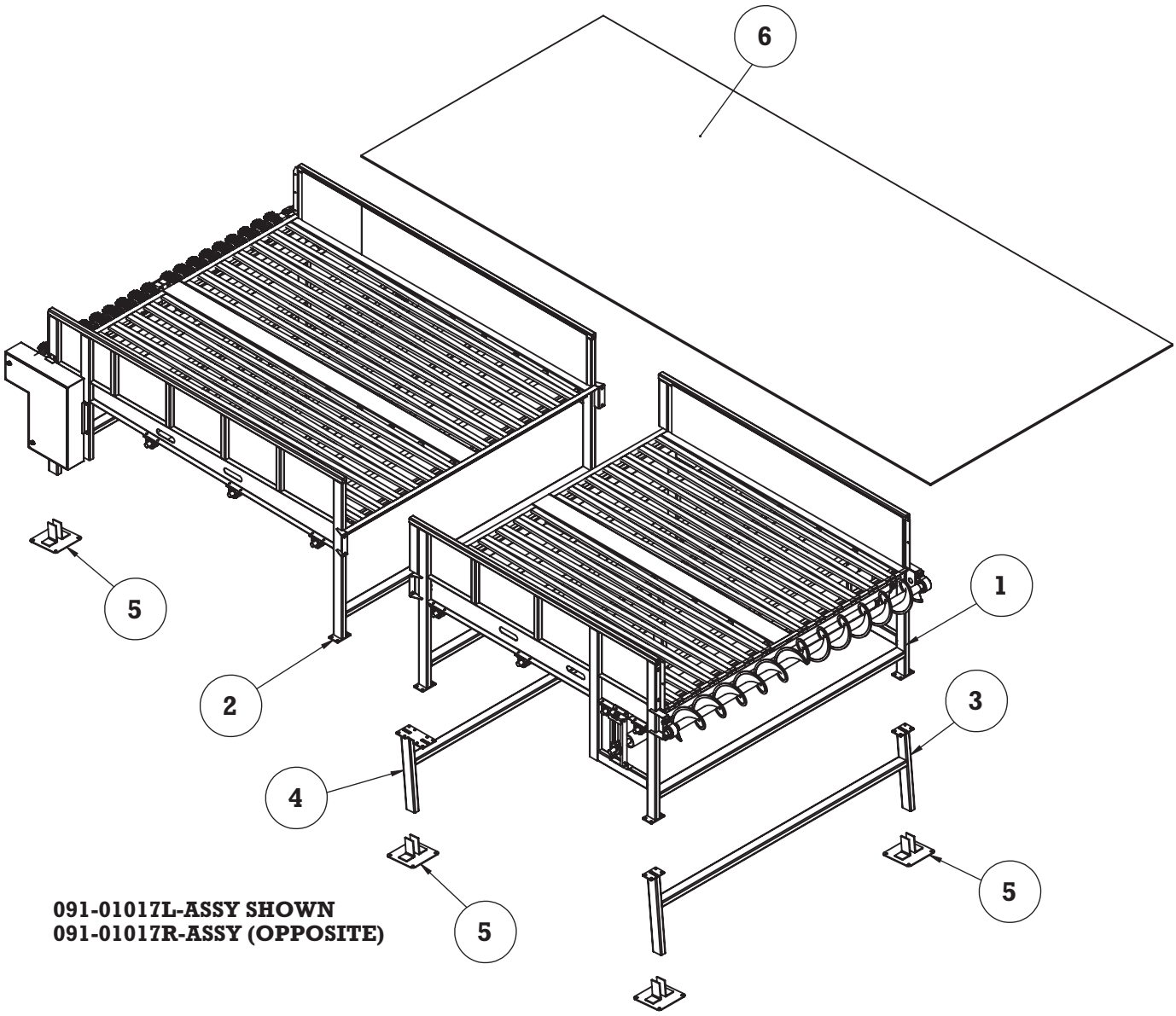
108" X 10' EXTENSION BELT W/TAKE UP (091-00871-ASSY)



108" X 10' EXTENSION BELT W/TAKE UP (091-00871-ASSY)

ITEM	LHS STRAIGHT QTY.	RHS STRAIGHT QTY.	RHS SIDE INLET QTY.	LHS SIDE INLET QTY.	PART NUMBER	DESCRIPTION
1	-	-	-	1	091-00871L	108" BELT X 120" LG EXTENSION BELT FRAME WELDMENT W/TAKE UP
2	1	-	-	-	091-00871LS	108" BELT X 120" LG EXTENSION BELT FRAME WELDMENT W/TAKE UP
3	-	-	1	-	091-00871R	108" BELT X 120" LG EXTENSION BELT FRAME WELDMENT W/TAKE UP
4	-	1	-	-	091-00871RS	108" BELT X 120" LG EXTENSION BELT FRAME WELDMENT W/TAKE UP
5	4	4	4	4	030-00020-D	PILLOW BLOCK 1-15/16
6	1	1	1	1	050-00131	STN STL SCROLL FOR 108" BELT
7	1	1	1	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
8	2	2	2	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
9	1	1	1	1	091-20264	CENTRAL BUSHING CAP
10	10	10	10	10	030-00021-D	PILLOW BLOCK 1-7/16
11	2	2	2	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
12	4	4	4	4	091-21675	FOOT PAD FOR EXTENSION CAGE
13	1	1	1	1	450-00004	HYDRAULIC MOTOR
14	1	1	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
15	1	1	-	-	690-00005	SPROCKET 60BS15 1-7/16" BORE
16	-	-	1	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
17	1	1	-	-	690-00044	SPROCKET 60BS15 1-1/4" BORE
18	-	-	1	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
19	1	1	1	1	690-00015	SPROCKET 60SK30
20	1	1	-	-	690-00006	SPROCKET 60SDS20
21	-	-	1	1	690-00014	SPROCKET 60SK28
22	1	1	1	1	690-00060	QD BUSHING (SK 1-15/16)
23	1	1	-	-	690-00021	QD BUSHING (SDS 1-7/16)
24	-	-	1	1	690-00022	QD BUSHING (SK-1-7/16)
25	1	1	-	-	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	1	-	-	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
26	1	1	-	-	110-00001H	ROLLER CHAIN #60 - 4.5 FT
	1	1	-	-	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
27	-	-	1	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	-	-	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
			AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
28	-	-	1	1	110-00001H	ROLLER CHAIN #60 - 4.25 FT
	-	-	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
			AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
29	1	-	-	1	091-21895L	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
30	-	1	1	-	091-21895R	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
31	1	1	1	1	091-25397	TAKE-UP ROLLER (CENTER)
32	2	2	2	2	091-25348	TAKE-UP ROLLER (SIDE)
33	2	2	2	2	091-21323	TAKE-UP ASSEMBLY - 22" LG
34	28 FT	28 FT	28 FT	28 FT	050-00130	108" INTRALOX BELTING

EXTENSION BELT ASSEMBLY - 108" X 21'-2" LG - 5° INCLINE (091-01017-ASSY)

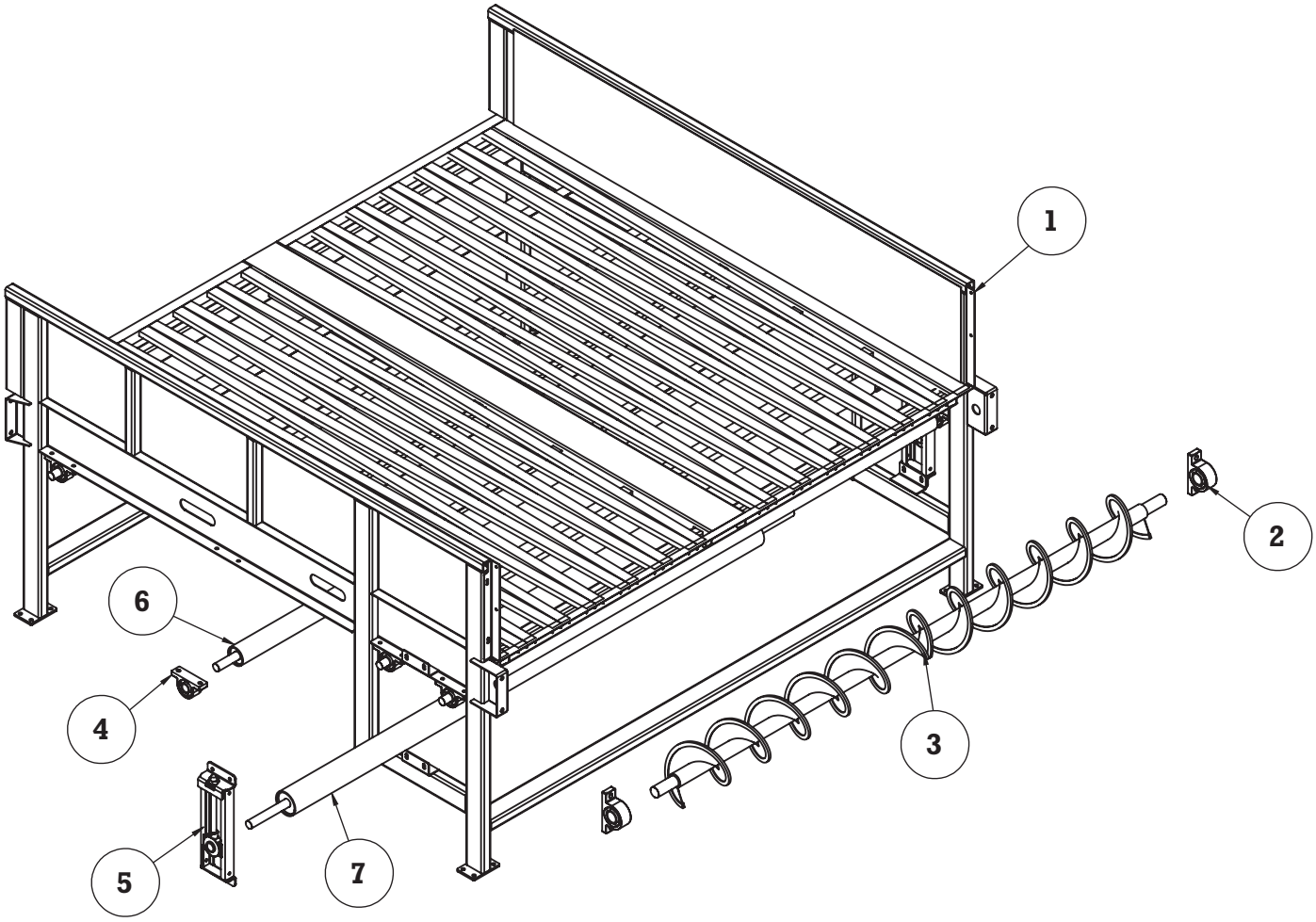


091-01017L-ASSY SHOWN
091-01017R-ASSY (OPPOSITE)

EXTENSION BELT ASSEMBLY - 108" X 21'-2" LG - 5° INCLINE (091-01017-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-01017A-ASSY	EXTENSION CAGE - 108" SPECIAL
2	1	091-01017BL-ASSY	EXTENSION CAGE - 108" SPECIAL
3	1	091-01017C	108" EXTENSION BELT SUBFRAME
4	1	091-01017D	108" EXTENSION BELT SUBFRAME
5	6	091-21675	FOOT PAD FOR EXTENSION CAGE
6	47 FT	050-00130	108" INTRALOX SERIES 800 BELTING X 47 FOOT

EXTENSION CAGE - 108” SPECIAL (091-01017A-ASSY)

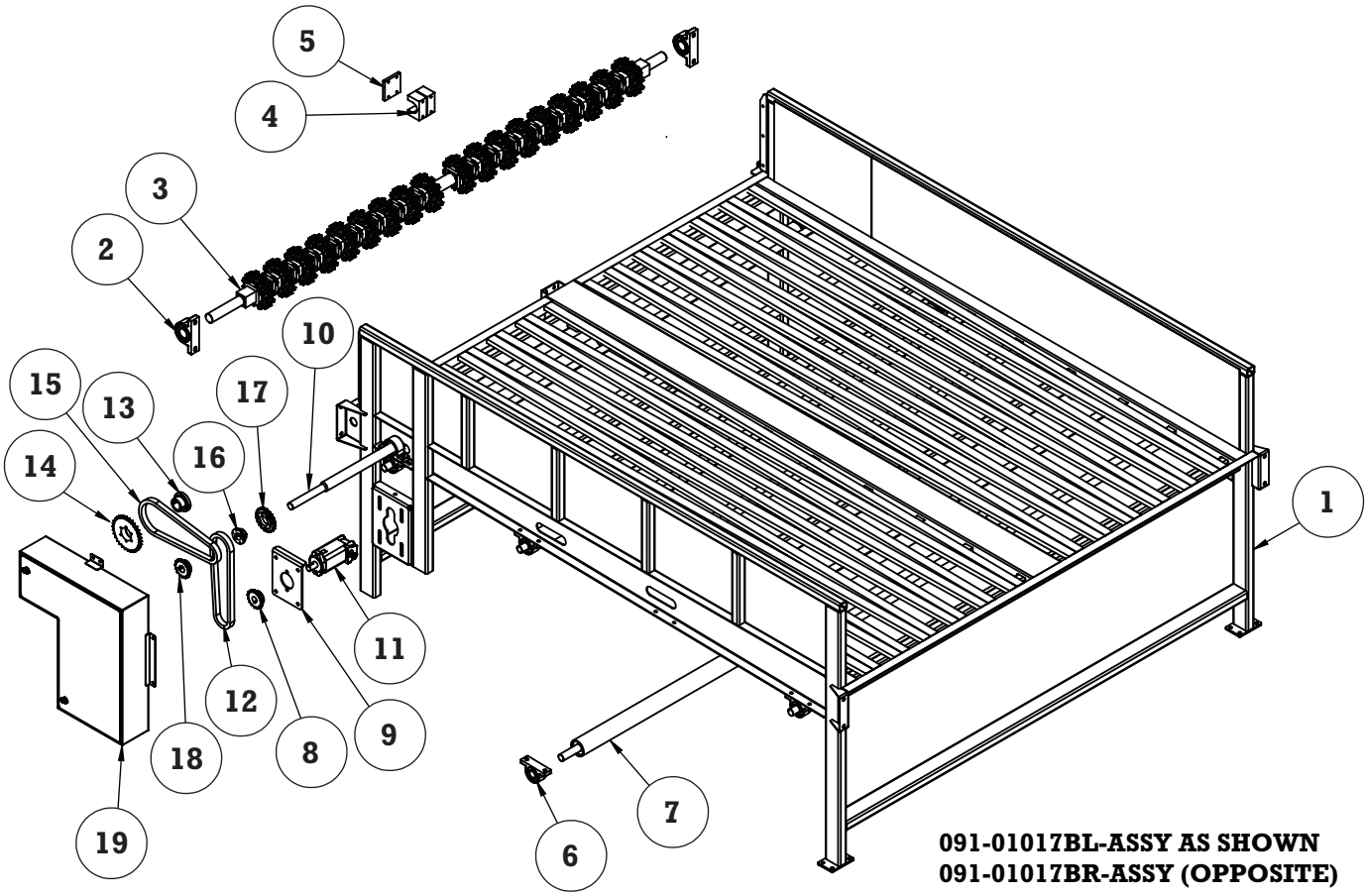


EXTENSION CAGE - 108" SPECIAL (091-01017A-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-01017AL	108" BELT SPECIAL EXTENSION BELT FRAME WELDMENT WITH TAKE UP
2	2	030-00020-D	PILLOW BLOCK 1-15/16
3	1	050-00131	STN STL SCROLL FOR 108" BELT
4	8	030-00021-D	PILLOW BLOCK 1-7/16
5	2	091-25347-ASSY	TAKE-UP ASSEMBLY - 22" LG
6	4	590-00062	IDLER ROLLER FOR 108" INTRALOX
7	1	091-25397	TAKE-UP ROLLER (CENTER)

Cage Unloading System

EXTENSION CAGE - 108" SPECIAL (091-01017B-ASSY)



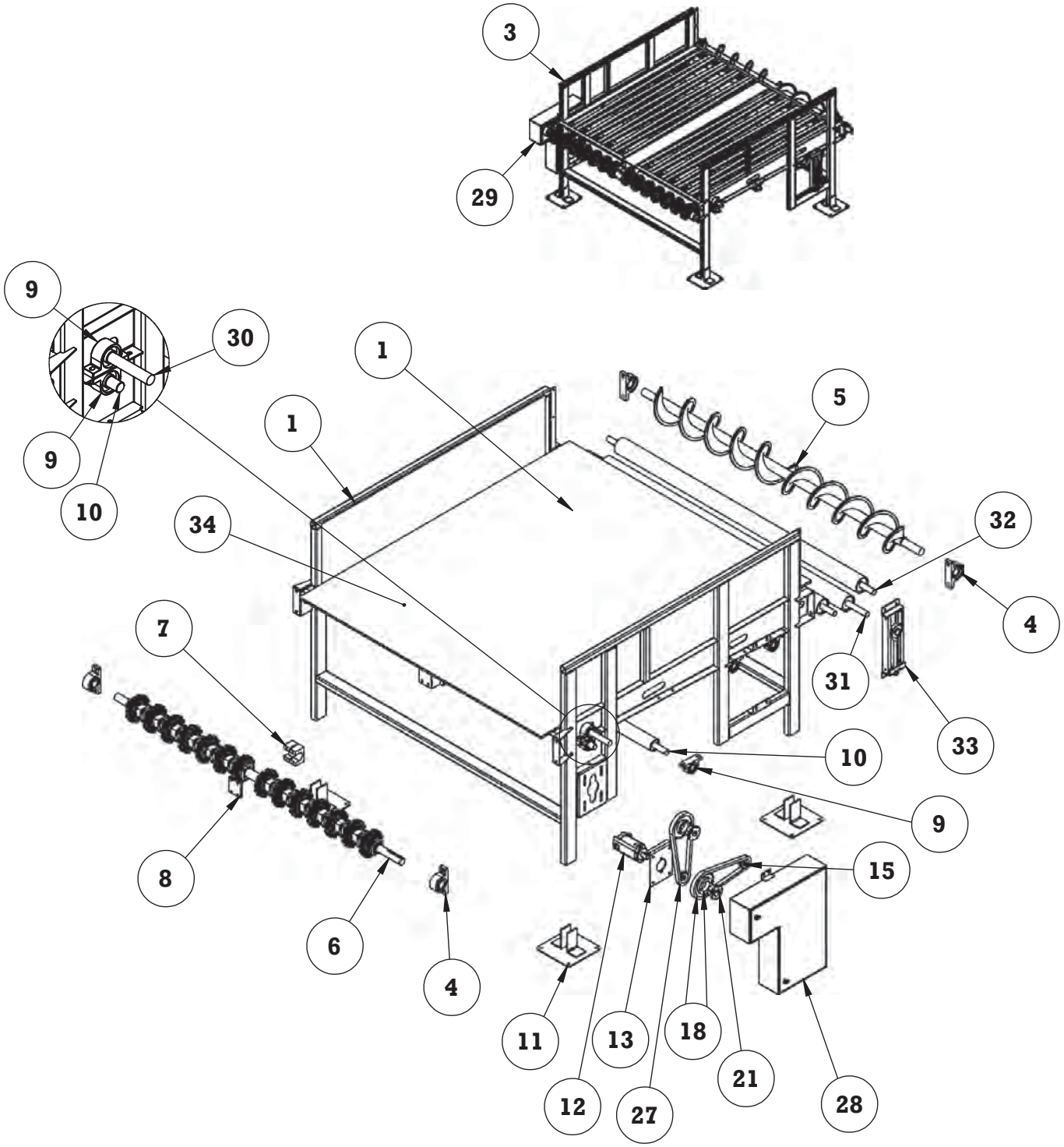
091-01017BL-ASSY AS SHOWN
091-01017BR-ASSY (OPPOSITE)

EXTENSION CAGE - 108" SPECIAL (091-01017B-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-01017BL	108" BELT SPECIAL EXTENSION BELT FRAME WELDMENT
2	2	030-00020-D	PILLOW BLOCK 1-15/16
3	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
4	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
5	1	091-20264	CENTRAL BUSHING CAP
6	10	030-00021-D	PILLOW BLOCK 1-7/16
7	4	590-00062	IDLER ROLLER FOR 108" INTRALOX
8	1	690-00044	SPROCKET 60BS15 1-1/4" BORE
9	1	091-20558	HYDRAULIC MOTOR SUPPORT
10	1	091-25329	COUNTER SHAFT 108" EXTENSION BELT
11	1	450-00004	HYDRAULIC MOTOR
12	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
13	1	690-00060	QD BUSHING (SK 1-15/16)
14	1	690-00015	SPROCKET 60SK30
15	1	110-00001H	ROLLER CHAIN #60 - 4.5 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQUIRED	110-00003H	HALF LINK FOR #60 CHAIN
16	1	690-00021	QD BUSHING (SDS 1-7/16)
17	1	690-00006	SPROCKET 60SDS20
18	1	690-00005	SPROCKET 60BS15 1-7/16" BORE
19	1	091-21895L	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)

Cage Unloading System

88" X 98-1/4" EXTENSION BELT WITH TAKE UP (091-01077-ASSY)

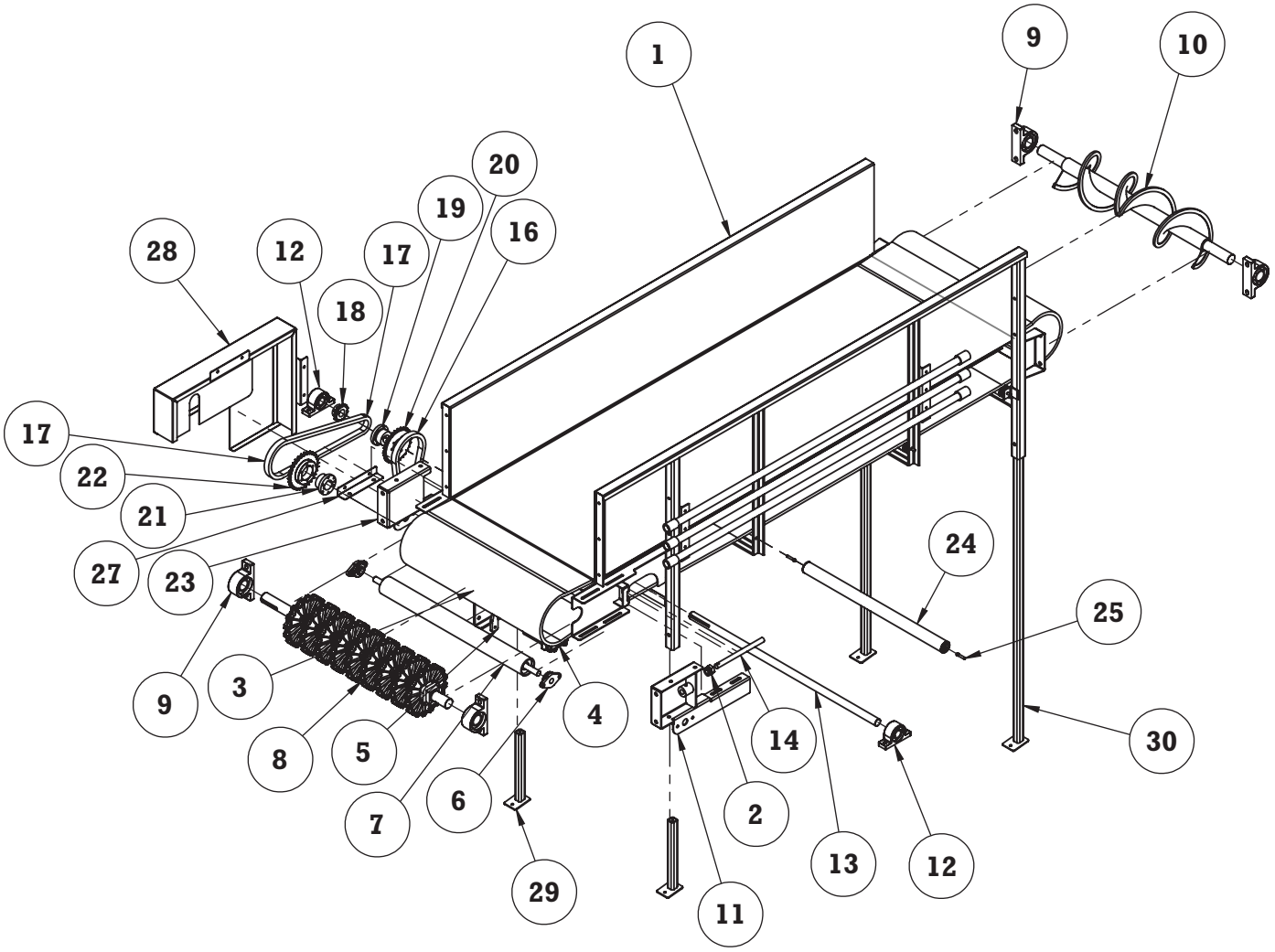


88" X 98-1/4" EXTENSION BELT WITH TAKE UP (091-01077-ASSY)

ITEM	LS DRIVE STRAIGHT QTY.	RS DRIVE STRAIGHT QTY.	RS DRIVE SIDE INLET QTY.	LS DRIVE SIDE INLET QTY.	PART NUMBER	DESCRIPTION
1	–	–	–	1	091-01077L	88" BELT X 98-1/4" LG EXTENSION BELT FRAME WELDMT W/TAKE-UP
2	1	–	–	–	091-01077LS	88" BELT X 98-1/4" LG EXTENSION BELT FRAME WELDMT W/TAKE-UP
3	–	1	1	–	091-01077RS	88" BELT X 98-1/4" LG EXTENSION BELT FRAME WELDMT W/TAKE-UP
4	4	4	4	4	030-00020-D	PILLOW BLOCK 1-15/16
5	1	1	1	1	050-00020	SS SCROLL FOR 88" BELT
6	1	1	1	1	091-21330	COMPLETE DRIVE SHAFT ASSEMBLY FOR 88" BELT
7	2	2	2	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
8	1	1	1	1	091-20264	CENTRAL BUSHING CAP
9	10	10	10	10	030-00021-D	PILLOW BLOCK 1-7/16
10	2	2	2	2	590-00024	IDLER ROLLER FOR 88" INTRALOX BELT
11	4	4	4	4	091-21675	FOOT PAD FOR EXTENSION CAGE
12	1	1	1	1	450-00004	HYDRAULIC MOTOR
13	1	1	1	1	091-20558	HYD. MOTOR SUPPORT
14	1	1	–	–	690-00005	SPROCKET 60BS15 1-7/16" BORE
15	–	–	1	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
16	1	1	–	–	690-00044	SPROCKET 60BS15 1-1/4" BORE
17	–	–	1	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
18	1	1	1	1	690-00015	SPROCKET 60SK30
19	1	1	–	–	690-00006	SPROCKET 60SDS20
20	–	–	1	1	690-00014	SPROCKET 60SK28
21	1	1	1	1	690-00060	QD BUSHING (SK 1-15/16)
22	1	1	–	–	690-00021	QD BUSHING (SDS 1-7/16)
23	–	–	1	1	690-00022	QD BUSHING (SK-1-7/16)
24	1	1	–	–	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	1	–	–	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
25	1	1	–	–	110-00001H	ROLLER CHAIN #60 - 4.5 FT
	1	1	–	–	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D			110-00003H	HALF LINK FOR #60 CHAIN
26	–	–	1	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	–	–	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	–	–	AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
27	–	–	1	1	110-00001H	ROLLER CHAIN #60 - 4.25 FT
	–	–	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	–	–	AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
28	1	–	–	1	091-21895L	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
29	–	1	1	–	091-21895R	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
30	1	1	1	1	670-00009	COUNTER SHAFT 88" BELT
31	1	1	1	1	091-25390	TAKE-UP ROLLER CENTER (88" BELT)
32	2	2	2	2	091-25391	TAKE-UP ROLLER SIDE (88" BELT)
33	2	2	2	2	091-25347-ASSY	TAKE-UP ASS'Y - 22" LG
34	25 FT	25 FT	25 FT	25 FT	050-00028	88" INTRALOX BELTING

Cage Unloading System

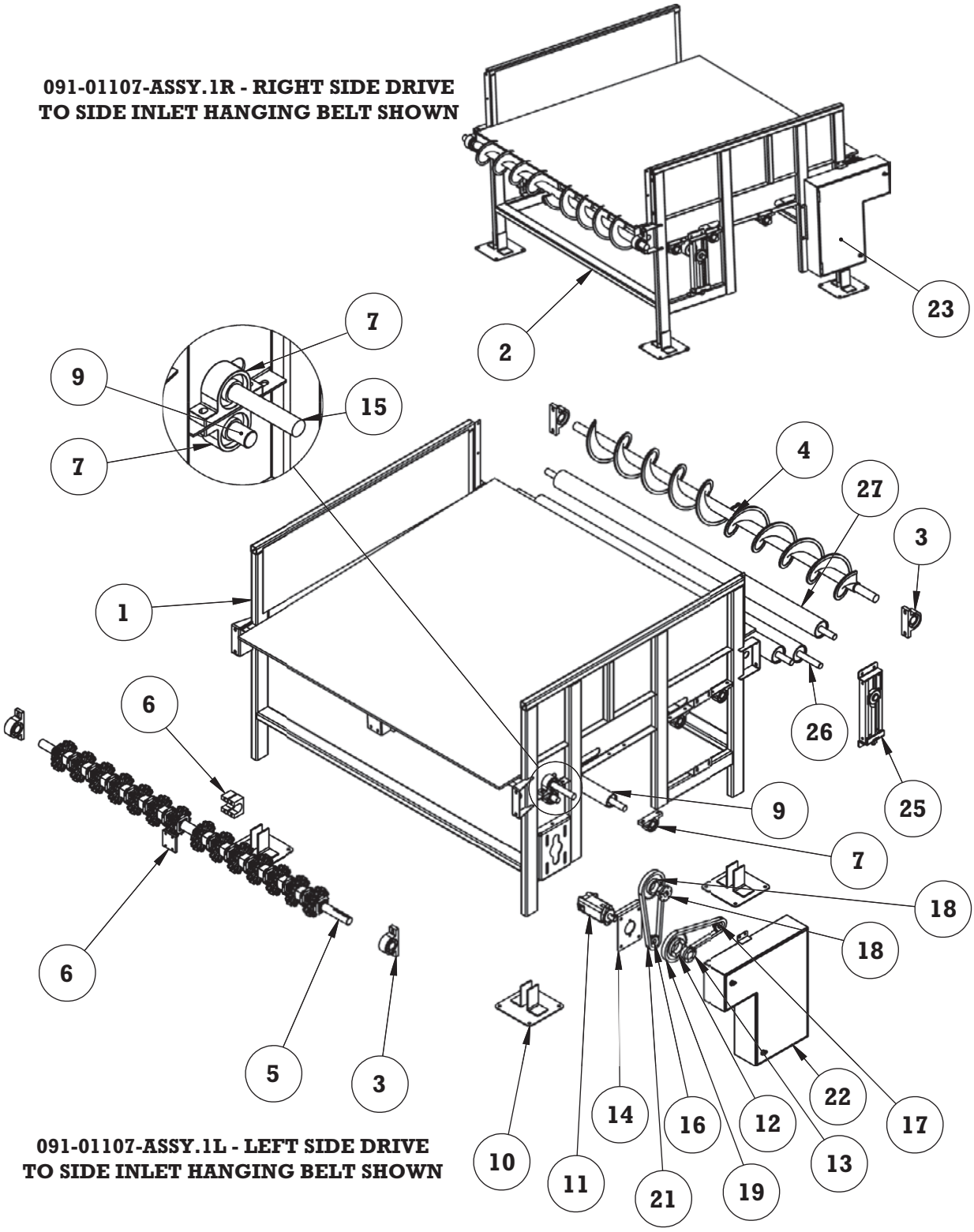
36” X 120” EXTENSION BELT (091-01108-ASSY)



36” X 120” EXTENSION BELT (091-01108-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-01108	36” EXTINSION WITH DRIVE & TAKE UP WITH HIGH BACK WELDMENT
2	2	210-00210	TAKE-UP NUT
3	1	091-20762	MOTOR PLATE
4	1	450-00004	HYDRAULIC MOTOR
5	2	091-24273	THREADED FLAT BAR
6	2	030-00044	FLANGE BEARING 1”
7	1	590-00052	SNUB ROLLER ASSEMBLY
8	1	091-21332.2	36” DRIVE SHAFT ASSEMBLY
9	4	030-00020-D	PILLOW BLOCK 1-15/16
10	1	050-00019	36” SCROLL
11	1	091-01053-05-ASSY-L	TAKE UP/BEARING PLATE ASSEMBLY
12	2	030-00021	PILLOW BLOCK 1-7/16
13	1	091-01053-06	COUNTER SHAFT 36” EXTENSION BELT
14	2	410-00026	TAKE-UP ROD (7/8-9 X 12” LG)
15	1	690-00003	SPROCKET 60BS13 1-1/4” BORE
16	1	110-00001H	ROLLER CHAIN #60 X 3.5 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ’D	110-00003H	HALF LINK FOR #60 CHAIN
17	1	110-00001H	ROLLER CHAIN #60 X 5.5 FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ’D	110-00003H	HALF LINK FOR #60 CHAIN
18	1	690-00004	SPROCKET 60BS13 1-7/16” BORE
19	1	690-00022	QD BUSHING (SK-1-7/16)
20	1	690-00014	SPROCKET 60SK28
21	1	690-00060	QD BUSHING (SK 1-15/16)
22	1	690-00015	SPROCKET 60SK30
23	1	091-01053-07-ASSY-R	BEARING/MOTOR SLIDE PLATE ASSEMBLY
24	3	590-00004	COMPLETE CONDUIT ROLLER 36”
25	6	590-00022	BALL STUD KIT
26	1	050-00031	36” INTRALOX BELTING @ 24FT
27	1	091-01119-03	GUARD MOUNT BRACKET
28	1	091-01119	SLIDE ON CHAIN GUARD
29	2	091-01108-06-ASSY	ANGLED HANGING BELT FT
30	2	091-01108-07-ASSY	ANGLED HANGING BELT FT
31	3	091-01108-PIPEASSY	INCLINE BELT PIPE

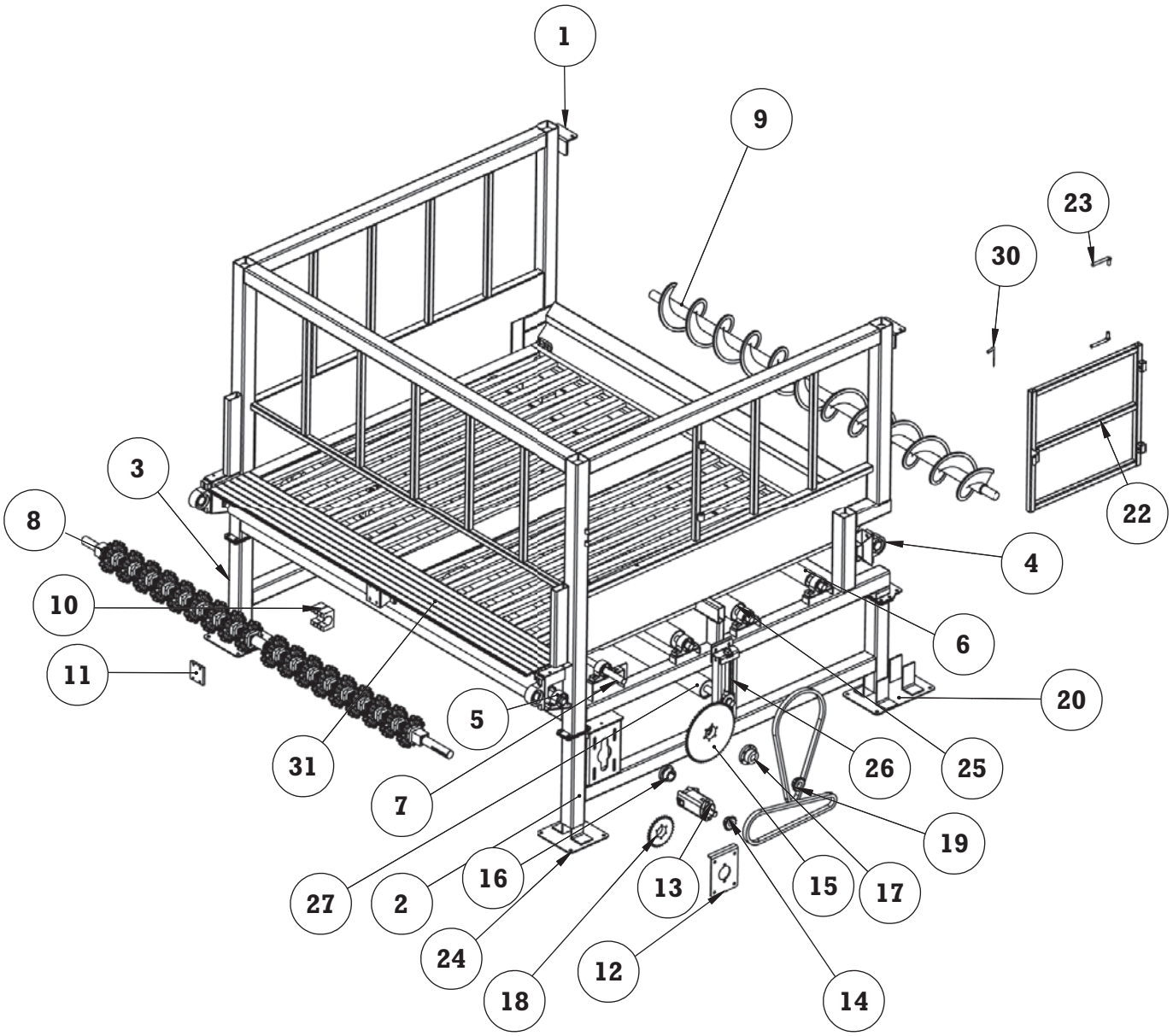
88" X 86-1/2" EXTENSION BELT W/TAKE UP AND 2° DECLINE (091-01107-ASSY)



88" X 86-1/2" EXTENSION BELT W/TAKE UP AND 2° DECLINE (091-01107-ASSY)

ITEM	RSD SIDE INLET QTY.	LSD SIDE INLET QTY.	PART NUMBER	DESCRIPTION
1	-	1	091-01107L	88" BELT X 86-1/2" LG EXTENSION BELT FRAME WELDMT W/TAKE-UP AND 2° DECLINE
2	1	-	091-01107R	88" BELT X 86-1/2" LG EXTENSION BELT FRAME WELDMT W/TAKE-UP AND 2° DECLINE
3	4	4	030-00020-D	PILLOW BLOCK 1-15/16
4	1	1	050-00020	SS SCROLL FOR 88" BELT
5	1	1	091-21330	COMPLETE DRIVE SHAFT ASSY FOR 88" BELT
6	2	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
6	1	1	091-20264	CENTRAL BUSHING CAP
7	10	10	030-00021-D	PILLOW BLOCK 1-7/16
9	2	2	590-00024	IDLER ROLLER FOR 88" INTRALOX BELT
10	4	4	091-21675	FOOT PAD FOR EXTENSION CAGE
11	1	1	450-00004	HYDRAULIC MOTOR
12	1	1	690-00015	SPROCKET 60SK30
13	1	1	690-00060	QD BUSHING (SK 1-15/16)
14	1	1	091-20558	HYDRAULIC MOTOR SUPPORT
15	1	1	670-00009	COUNTER SHAFT 88" BELT
16	1	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
17	1	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
18	1	1	690-00014	SPROCKET 60SK28
18	1	1	690-00022	QD BUSHING (SK-1-7/16)
19	1	1	110-00001H	ROLLER CHAIN #60 - 4 FT
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
21	1	1	110-00001H	ROLLER CHAIN #60 - 4.25 FT
	1	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
22	-	1	091-21895L	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
23	1	-	091-21895R	GUARD FOR EXTENSION BELT (APRIL 2017 AND UP)
24	1	1	050-00028	88" INTRALOX BELT SERIES 800 X 22 FT
25	2	2	091-25347 - ASSY	TAKE-UP ASS'Y - 22" LG
26	1	1	091-25390	TAKE-UP ROLLER CENTER (88" BELT)
27	2	2	091-25391	TAKE-UP ROLLER SIDE (88" BELT)

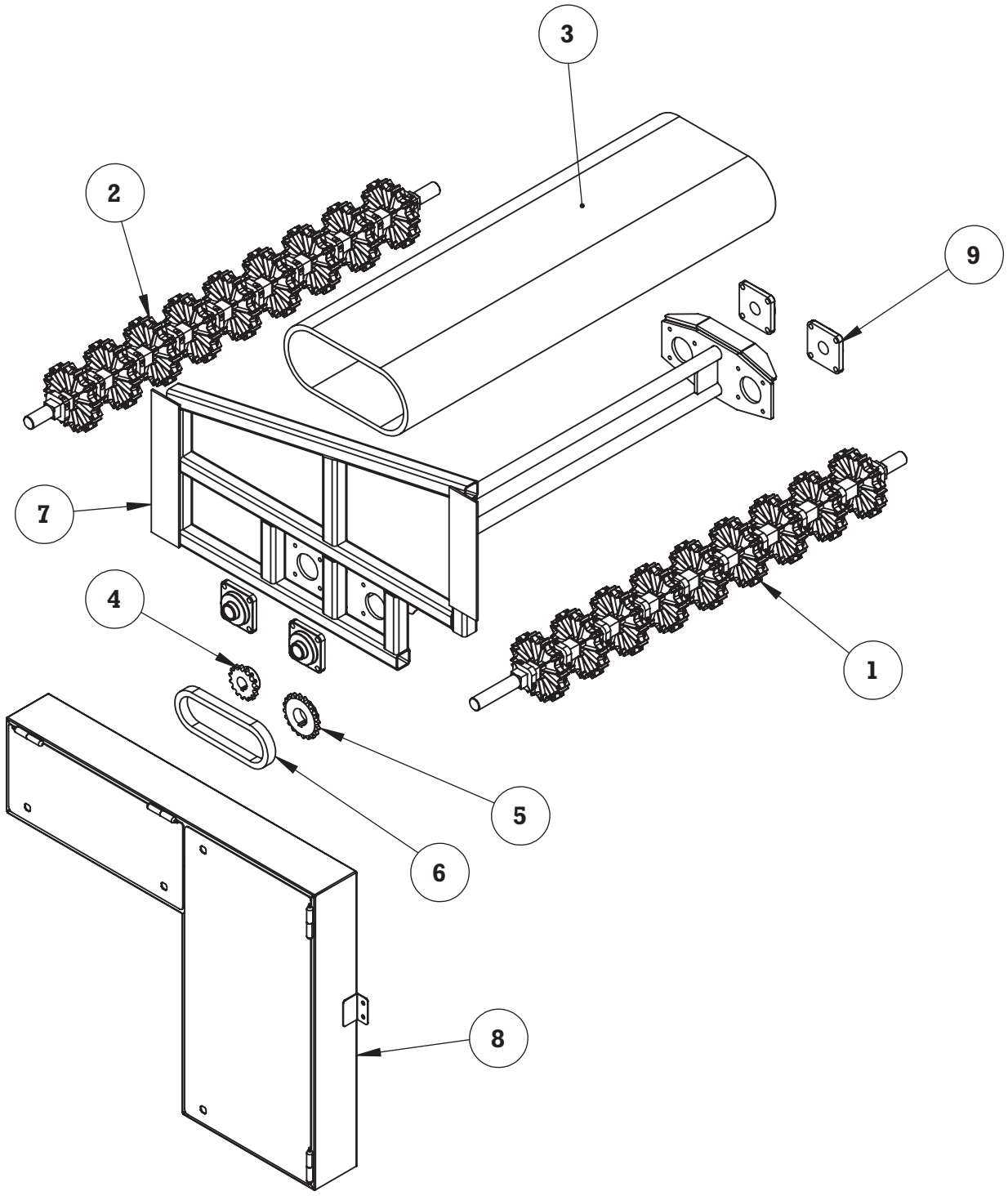
SHORT RECEIVING BELT ASSY FOR MOUNTAIRE SELBYVILLE, DE. (091-30079-02-ASSY.)



SHORT RECEIVING BELT ASSY FOR MOUNTAIRE SELBYVILLE, DE. (091-30079-02-ASSY.)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-30079-02	SHORT RECEIVING BELT FRAME FOR MOUNTAIRE SELBYVILLE, DE.
2	1	091-30079-02-SUB-D	SHORT RECEIVING BELT SUB FRAME WITH DRIVE FOR MOUNTAIRE SELBYVILLE, DE.
3	1	091-30079-02-SUB	SHORT RECEIVING BELT SUB FRAME FOR MOUNTAIRE SELBYVILLE, DE.
4	4	030-00020-D	PILLOW BLOCK 1-15/16
5	10	030-00021-D	PILLOW BLOCK 1-7/16
6	2	590-00062	IDLER ROLLER FOR 108" INTRALOX
7	1	670-00060	COUNTER SHAFT 108" BELT
8	1	091-21331	COMPLETE DRIVE SHAFT ASSEMBLY FOR 108" BELT
9	1	050-00131	STN STL SCROLL FOR 108" BELT
10	2	091-20263	CENTRAL DRIVE SHAFT BUSHING
11	1	091-20264	CENTRAL BUSHING CAP
12	1	091-20558	HYDRAULIC MOTOR SUPPORT
13	1	450-00004	HYDRAULIC MOTOR
14	1	690-00003	SPROCKET 60BS13 1-1/4" BORE
15	1	690-00011	SPROCKET 60SF60
16	1	690-00060	QD BUSHING (SK 1-15/16)
17	1	690-00043	QD BUSHING (SF 1-7/16)
18	1	690-00015	SPROCKET 60SK30
19	1	690-00004	SPROCKET 60BS13 1-7/16" BORE
20	1	091-21672.1	INNER FOOT PAD FOR 108" RECIEVING CAGE
21	1	091-21672.2	INNER FOOT PAD FOR 108" RECIEVING CAGE
22	1	091-21852	WIDENED RECIEVING CAGE DOOR
23	2	091-20393	GATE HINGE PIN
24	2	091-21669	3-1/2" FOOT PAD
25	2	091-25348	TAKE-UP ROLLER (SIDE)
26	2	091-25347-ASSY	TAKE-UP ASSEMBLY - 22" LG
27	1	091-25397	TAKE-UP ROLLER (CENTER)
28	1	110-00001H	ROLLER CHAIN #60 X 6FT
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
29	1	110-00001H	ROLLER CHAIN #60 X 5 FT.
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
30	1	790-00261	COOPER BASKET GATE PIN
31	1	050-00130	108" INTRALOX BELTING X 23'

54" WIDE BELT ASSEMBLY (LEFT HAND SIDE DRIVE FOR 36" HANGING BELT FROM EXT BELT) (091-25461L)



54" WIDE BELT ASSEMBLY (LEFT HAND SIDE DRIVE FOR 36" HANGING BELT FROM EXT BELT) (091-25461L)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00906	54" PUSH OVER BELT DRIVE SHAFT ASSY
2	1	091-00908	54" PUSH OVER BELT IDLER SHAFT ASSY
3	1	050-00155	54" WIDE MODULAR BELT (4FT)
4	1	690-00005	SPROCKET 60BS15 1-7/16" BORE
5	1	690-00072	SPROCKET 60BS20 1-15/16 BORE
6	1	110-00001H	ROLLER CHAIN #60 (3 FT)
	1	110-00002H	MASTER LINK FOR #60 CHAIN
	AS REQ'D	110-00003H	HALF LINK FOR #60 CHAIN
7	1	091-01149L	54" WIDE BELT FRAME (EXT BELT TO 36" HANGING BELT)
8	1	091-01138	GUARD FOR RECEIVING CAGE
9	4	030-00018-D	FLANGE BEARING 1-7/16

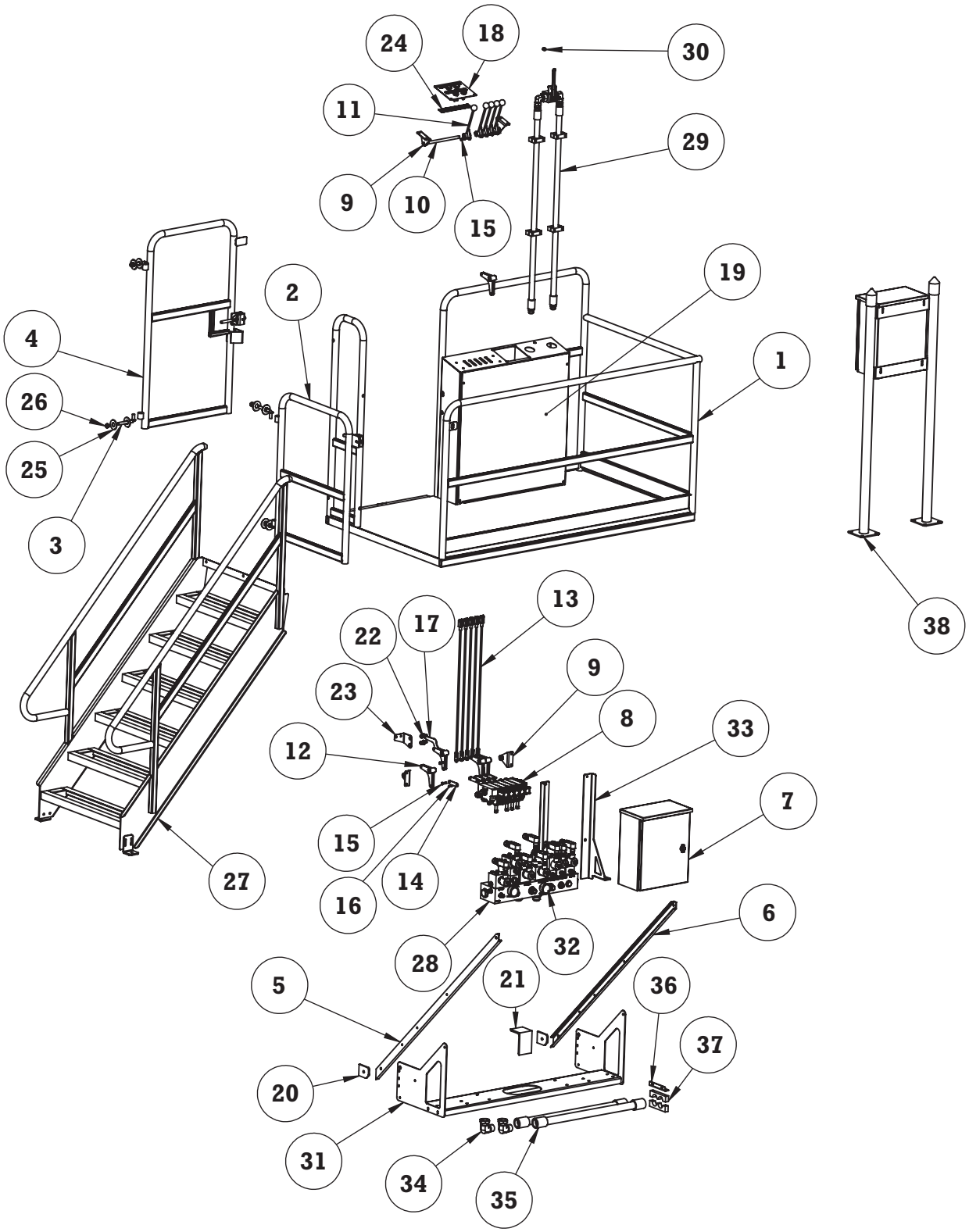
SECTION #7

OPERATOR PLATFORM

CONTENTS

OPERATOR PLATFORM (STD) (091-21684BL) 7-2
OPERATOR CAB ASSEMBLY (091-25600) 7-4
ELECTRICAL PANEL WITHOUT DOOR CLOSER (091-21685A) 7-6
ELECTRICAL PANEL WITH DOOR CLOSER (091-21685B) 7-8
ELECTRICAL PANEL WITH WASHER (091-21685C) 7-10
BREAKER AND RELAY BOX - 2019 (091-21868C) 7-12
JUNCTION BOX UNDER OPERATOR PLATFORM (091-21872B) 7-14
BREAKER AND RELAY BOX FOR SYSTEM W/WASHER - 2017 (091-21866C) 7-16
CENTRAL CONSOLE ASSEMBLY (091-25601) 7-18
OPERATOR CAB ASSEMBLY (REAR DOOR LOCATION) (091-25606) 7-20
OPERATOR CAB ASSEMBLY (FOR CENTER CONSOLE) (091-25607) 7-22
OPERATOR PLATFORM WELDMENT ASSEMBLY (091-21692-ASSY) 7-24
BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 1 OF 2 7-26
BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 2 OF 2 7-28

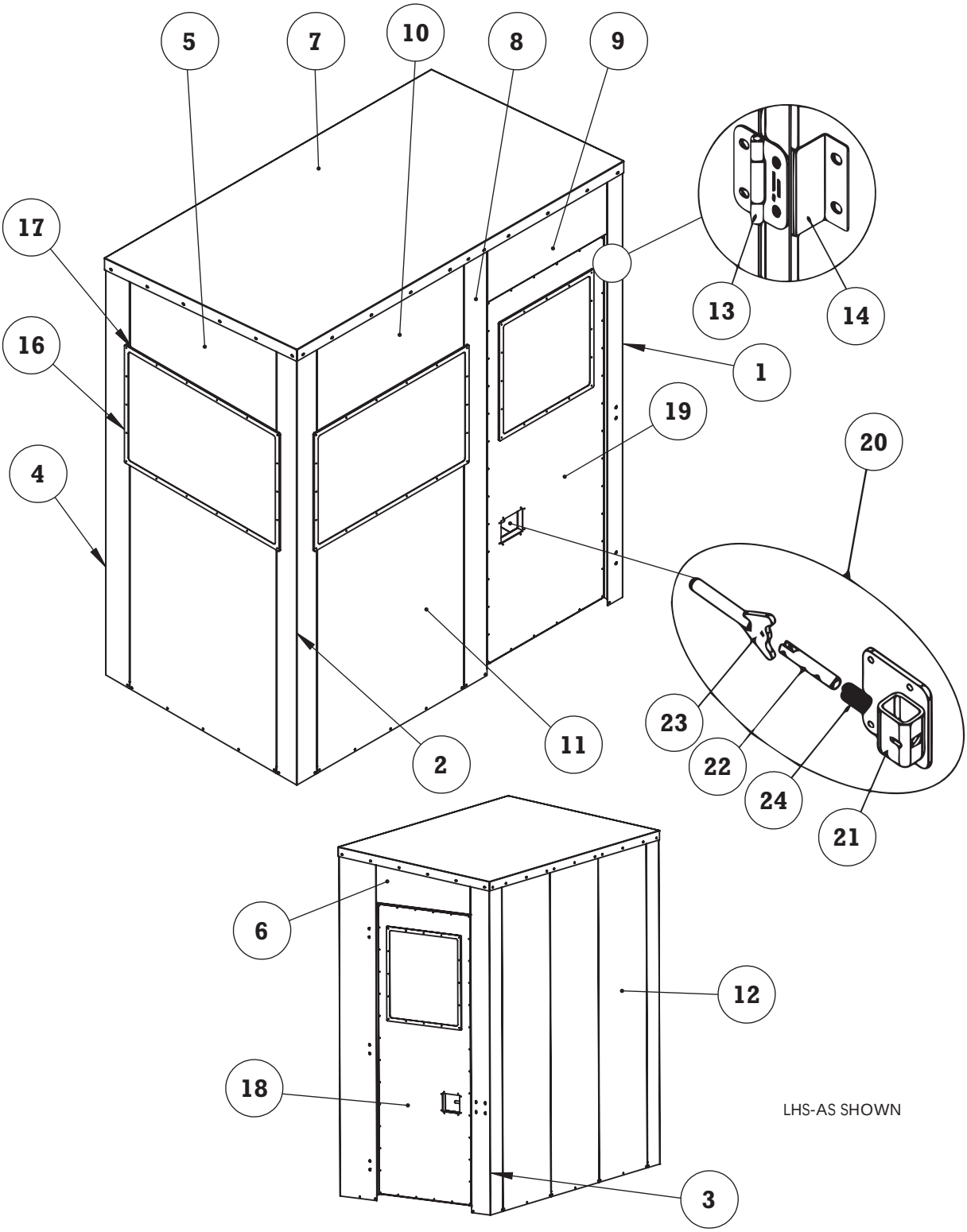
OPERATOR PLATFORM (STD) (091-21684BL)



OPERATOR PLATFORM (STD) (091-21684BL)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21682BL	OPERATOR PLATFORM WELDMENT (STD)
2	1	091-21655L	ENTRY GATE
3	4	091-20393	GATE HINGE PIN
4	1	091-21656L	OPERATOR GATE
5	1	091-20449.1	OPERATOR PLATFORM BRACE
6	1	091-20449.2	OPERATOR PLATFORM BRACE
7	1	091-21872B	JUNCTION BOX UNDER OPERATOR PLATFORM
8	1	091-23119	5 SECTION VALVE ASSEMBLY
9	4	091-21663	CONTROL LINKAGE SHAFT MOUNT
10	2	091-20664	CONTROL LINKAGE SHAFT
11	5	091-21658	HYDRAULIC CONTROL LEVER ASSEMBLY
12	4	091-21659	HYDRAULIC CONTROL BELLCRANK ASSEMBLY
13	5	091-21660	CONNECTING ROD ASSEMBLY
14	5	091-20551	CONNECTING LINK
15	15	210-00846	CLEVIS PIN 3/8 X 1
16	5	210-00847	1/4 X 7/8 CLEVIS PIN
17	1	091-21666L	HYDRAULIC CONTROL BELLCRANK ASSEMBLY WITH PROXY ARM (LEFT HAND SYSTEM)
	1	091-21666R	HYDRAULIC CONTROL BELLCRANK ASSEMBLY WITH PROXY ARM (RIGHT HAND SYSTEM)
18	1	091-21685B	ELECTRICAL PANEL WITH DOOR CLOSER
19	1	091-24378	CONSOLE PANEL
20	2	091-20450	PLATFORM BRACE ANCHOR
21	1	091-00453	OPERATOR PLATFORM SUPPORT ANGLE
22	2	091-20352	PROXIMITY SENSOR 18MM 24V
23	1	091-20570	PROXY SENSOR MOUNT
24	1	360-00151.1L	CONTROL LEVER LABELS
25	8	REF	FLATWASHER
26	8	196048	HEX JAM NUT NC
27	1	091-21657	STAIRS FOR OP. PLATFORM
28	1	091-23130	UNLOADING SYSTEM MANIFOLD ASSEMBLY FOR ISOLATOR BALL VALVE AND EXPLOSION PROOF VALVES
29	1	091-23903-01	BALL VALVE AND PIPE ASSEMBLY
30	1	097-20613	RUBBER GROMMET FOR 5/8 HOLE (3/8ID X 7/8OD)
31	1	091-25420	VALVE STACK SUPPORT SHELF ASSEMBLY
32	1	091-24716L	ELECTRONICS BOX MOUNTING BRACKET
33	1	091-24716R	ELECTRONICS BOX MOUNTING BRACKET
34	2	330-00814	ELBOW - 1-1/2" FEMALE JIC X 1-1/2" MALE NPT
35	2	091-23145	1-1/2" X 12" HYDRAULIC PIPE ASSEMBLY
36	1	091-24717	ANGLE BRACKET
37	2	091-24718	PLASTIC BLOCK FOR 1-1/2" PIPE
38	1	091-21868B	BREAKER AND RELAY BOX - OCT 2016

OPERATOR CAB ASSEMBLY (091-25600)

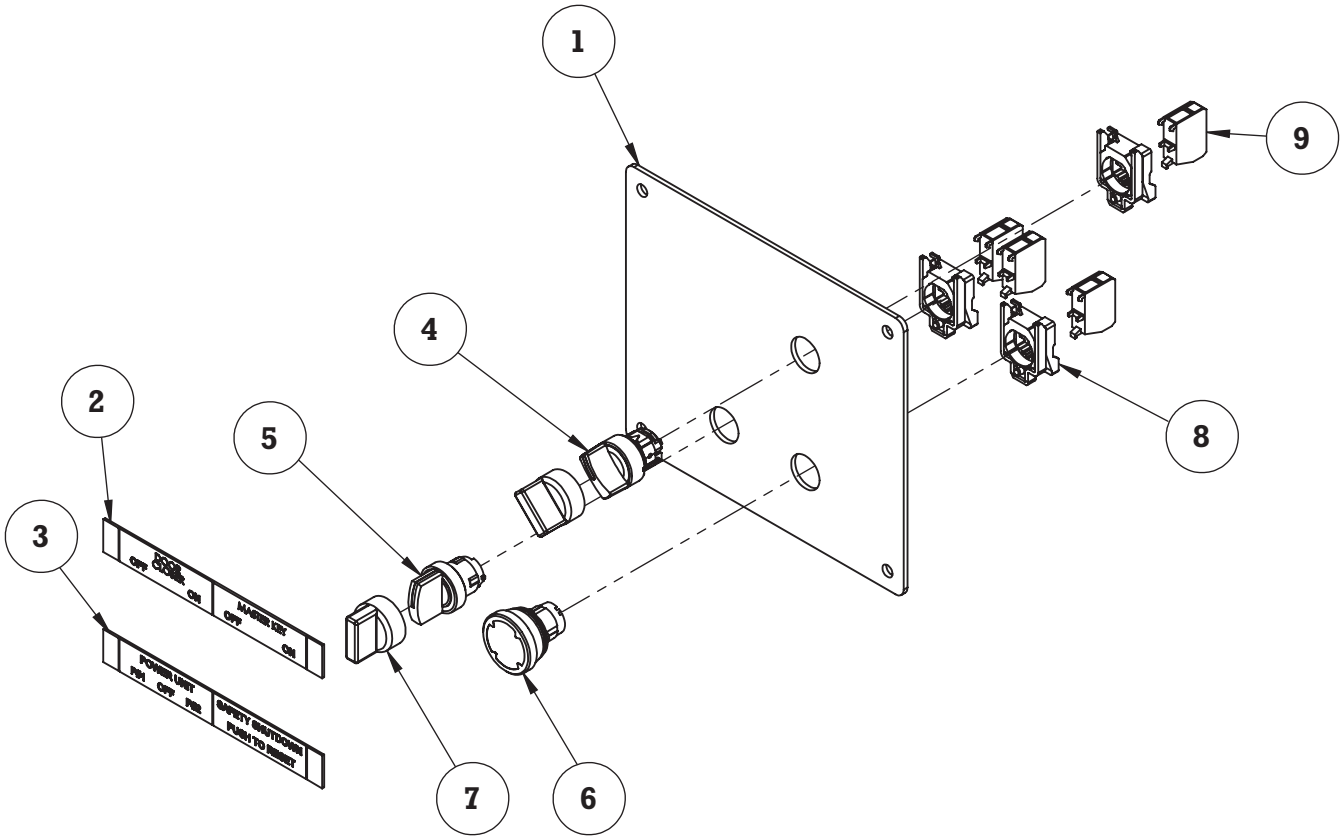


LEFT HAND SYSTEM SHOWN

OPERATOR CAB ASSEMBLY (091-25600)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24144L	CORNER POST
2	1	091-24145L	CORNER POST
3	1	091-24146L	CORNER POST
4	1	091-24163L	CORNER POST
5	1	091-24151L	PANEL
6	1	091-24152L	PANEL
7	1	091-24154	ROOF
8	1	091-24147L	DOOR POST
9	1	091-24148	PANEL
10	1	091-24149	PANEL
11	2	091-24150	PANEL
12	3	091-24153	BACK PANEL
13	6	091-24155	DOOR HINGE FOR OPERATOR CAB
14	6	091-24156	HINGE STIFFNER
15	1	091-24160	DOOR CATCH
16	2	091-24165	WINDOW COVER PLATE (CAB)
17	2	091-24167	LEXAN WINDOW (CAB)
18	1	091-25603OP	DOOR ASSEMBLY
19	1	091-25603SH	DOOR ASSEMBLY
20	1	091-25604	DOOR LATCH ASSEMBLY
21	1	–	GATE LATCH BOX (NOT SOLD SEPARATELY)
22	1	091-20750	GATE LATCH BOLT
23	1	091-21673	GATE LATCH HANDLE
24	1	091-20567	GATE LOCK SPRING
–	1	091-24168	HEATER (NOT SHOWN)
–	1	091-24169	THERMOSTAT (NOT SHOWN)

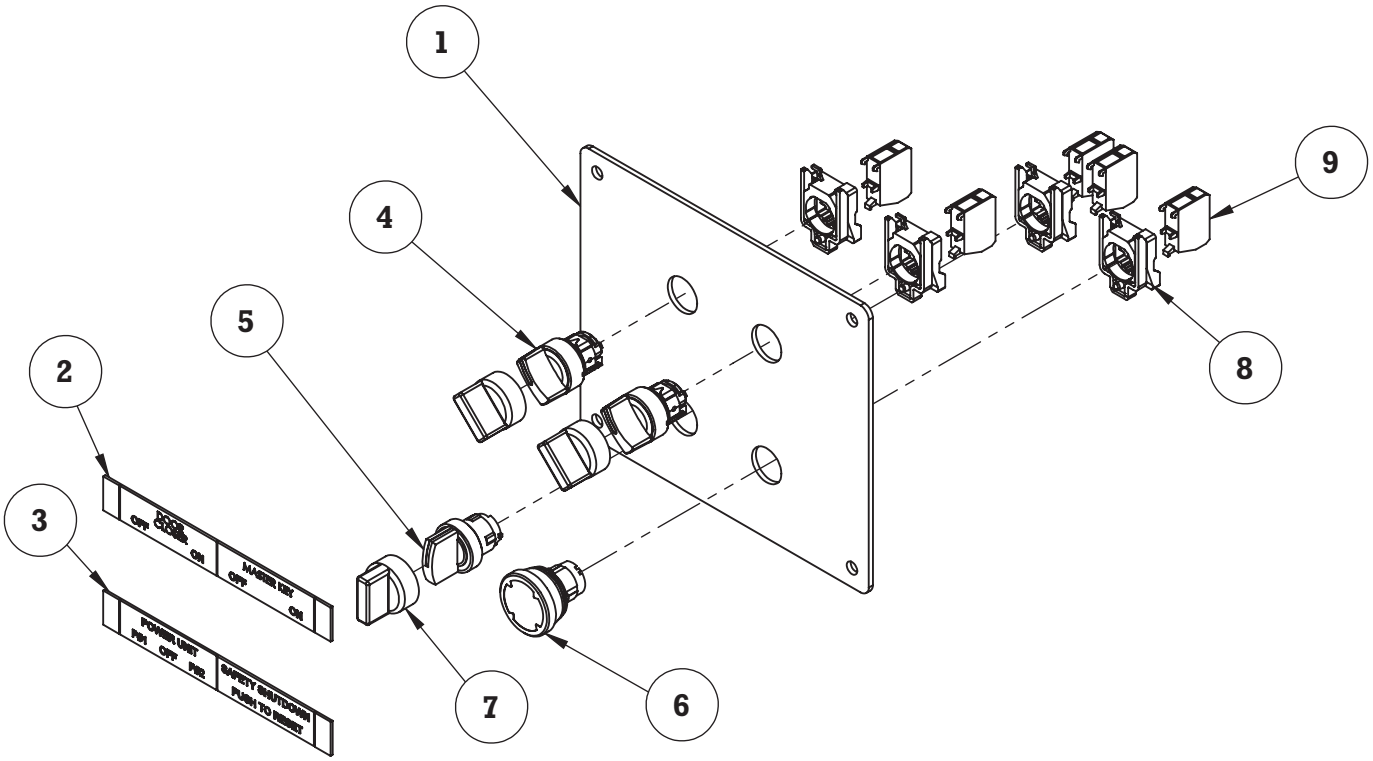
ELECTRICAL PANEL WITHOUT DOOR CLOSER (091-21685A)



ELECTRICAL PANEL WITHOUT DOOR CLOSER (091-21685A)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24377-03L	ELECTRICAL PANEL WITHOUT DOOR CLOSER (LEFT HAND SYSTEM)
	1	091-24377-03R	ELECTRICAL PANEL WITHOUT DOOR CLOSER (RIGHT HAND SYSTEM)
2	1	360-00135.1L	MASTER KEY / DOOR CLOSER TAG (LEFT HAND SYSTEM)
	1	360-00135.1R	MASTER KEY / DOOR CLOSER TAG (RIGHT HAND SYSTEM)
3	1	360-00143.1L	POWER UNIT / SAFETY SHUTDOWN TAG (LEFT HAND SYSTEM)
	1	360-00143.1R	POWER UNIT / SAFETY SHUTDOWN TAG (RIGHT HAND SYSTEM)
4	1	190-00720	SELECTOR 2 POSITIONS (STAY PUT) - SCHNEIDER #ZB4BD2
5	1	190-00721	SELECTOR 3 POSITIONS (STAY PUT)- SCHNEIDER #ZB4BD3
6	1	190-00723	SAFETY RESET PUSH BUTTON - SCHNEIDER #ZB4BC580
7	2	190-00724	BOOT FOR SELECTOR - SCHNEIDER #ZBDD2
8	3	190-00725	MOUNTING BASE - SCHNEIDER #ZB4BZ009
9	4	190-00726	CONTACT BLOCK (NO) - SCHNEIDER #ZBE101

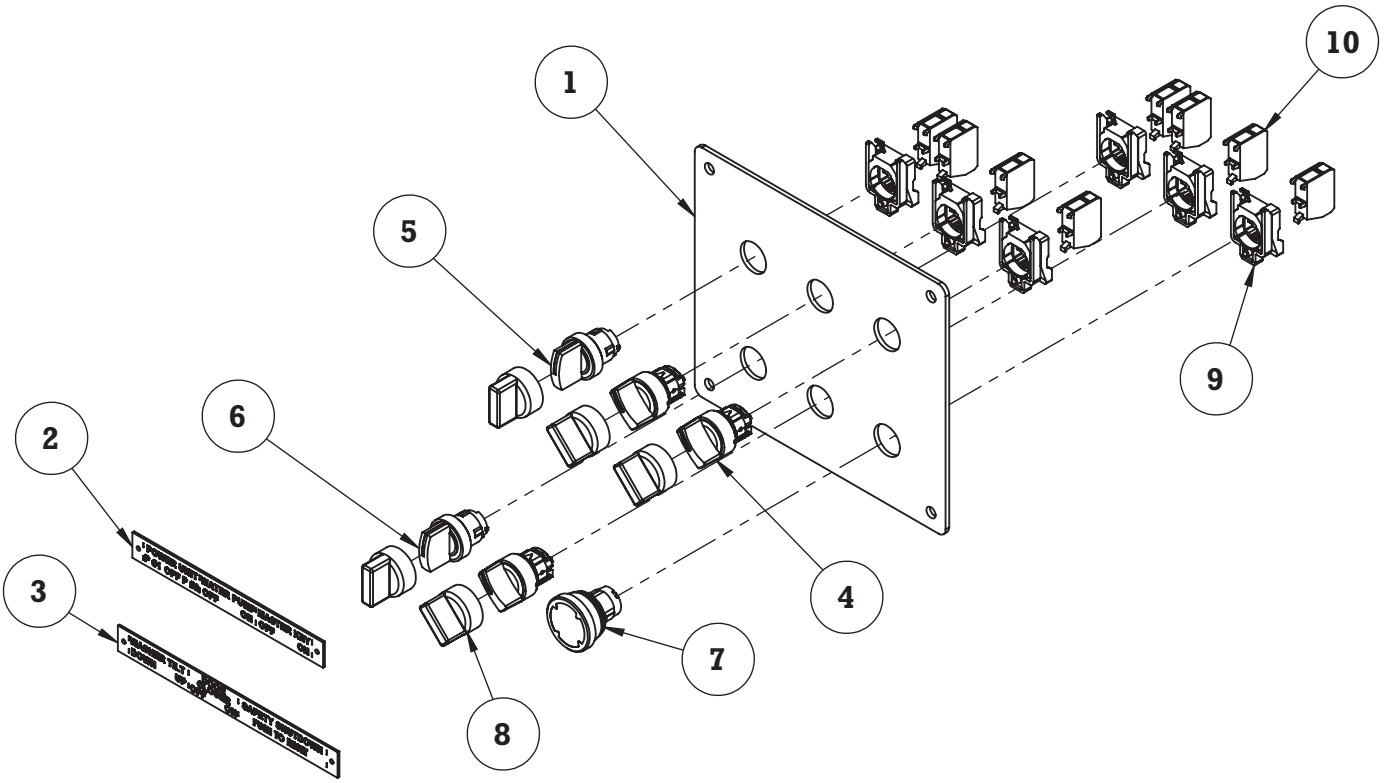
ELECTRICAL PANEL WITH DOOR CLOSER (091-21685B)



ELECTRICAL PANEL WITH DOOR CLOSER (091-21685B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24377-04	ELECTRICAL PANEL WITH DOOR CLOSER
2	1	360-00135.1L	MASTER KEY / DOOR CLOSER TAG (LEFT HAND SYSTEM)
	1	360-00135.1R	MASTER KEY / DOOR CLOSER TAG (RIGHT HAND SYSTEM)
3	1	360-00143.1L	POWER UNIT / SAFETY SHUTDOWN TAG (LEFT HAND SYSTEM)
	1	360-00143.1R	POWER UNIT / SAFETY SHUTDOWN TAG (RIGHT HAND SYSTEM)
4	2	190-00720	SELECTOR 2 POSITIONS (STAY PUT) - SCHNEIDER #ZB4BD2
5	1	190-00721	SELECTOR 3 POSITIONS (STAY PUT)- SCHNEIDER #ZB4BD3
6	1	190-00723	SAFETY RESET PUSH BUTTON - SCHNEIDER #ZB4BC580
7	3	190-00724	BOOT FOR SELECTOR - SCHNEIDER #ZBDD2
8	4	190-00725	MOUNTING BASE - SCHNEIDER #ZB4BZ009
9	5	190-00726	CONTACT BLOCK (NO) - SCHNEIDER #ZBE101

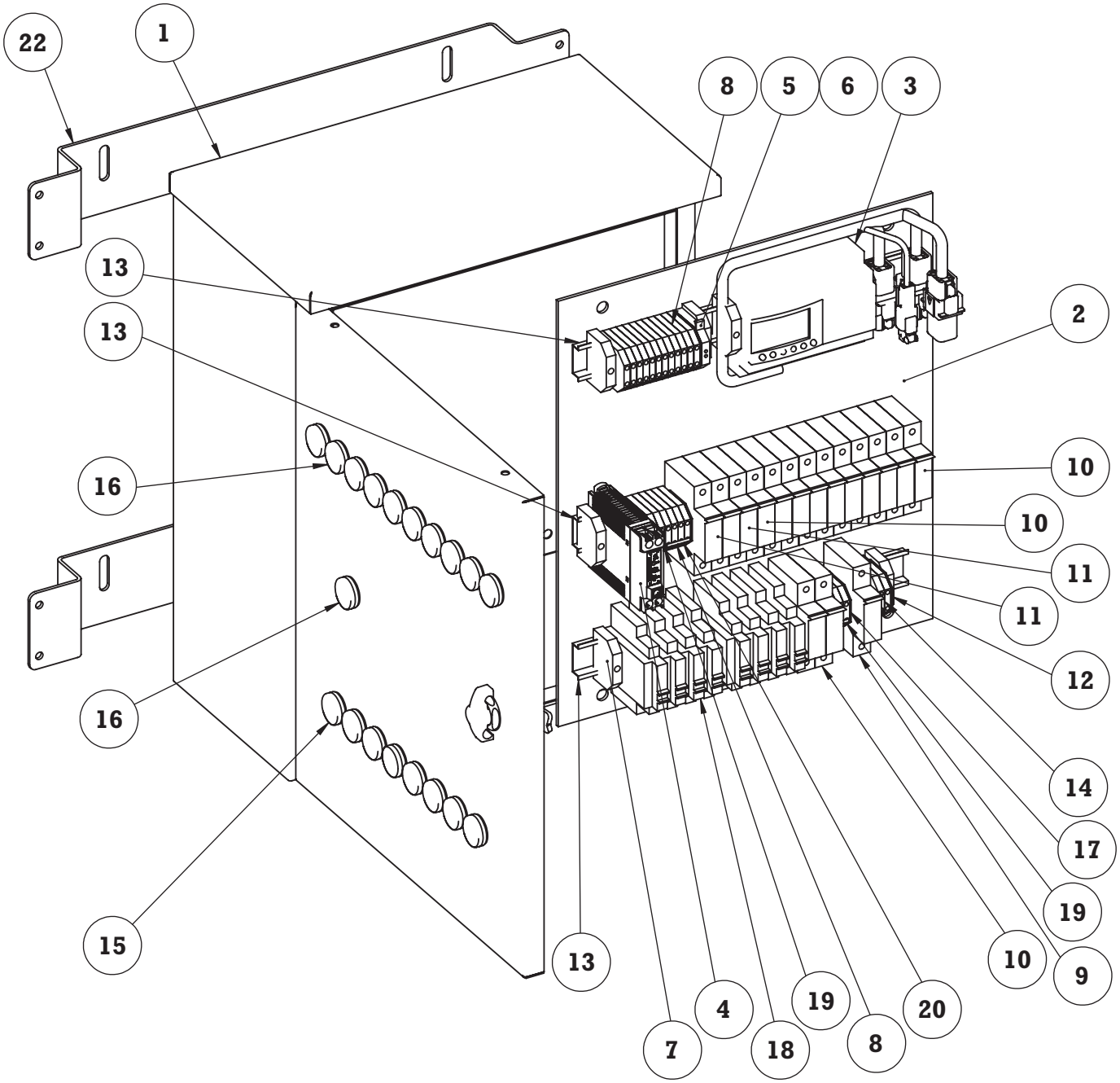
ELECTRICAL PANEL WITH WASHER (091-21685C)



ELECTRICAL PANEL WITH WASHER (091-21685C)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24377-06	ELECTRICAL PANEL W/ WASHER
2	1	360-00162A.2	ROW 1 LABEL - POWER UNIT, WATER PUMP, MASTER KEY (LEFT HAND SYSTEM)
	1	360-00162A.1	ROW 1 LABEL - POWER UNIT, WATER PUMP, MASTER KEY (RIGHT HAND SYSTEM)
3	1	360-00186L	WASHER TILT / DOOR CLOSER / SAFETY SHUTDOWN RESET (LEFT HAND SYSTEM)
	1	360-00186R	WASHER TILT / DOOR CLOSER / SAFETY SHUTDOWN RESET (RIGHT HAND SYSTEM)
4	3	190-00720	SELECTOR 2 POSITIONS (STAY PUT) - SCHNEIDER #ZB4BD2
5	1	190-00721	SELECTOR 3 POSITIONS (STAY PUT) - SCHNEIDER #ZB4BD3
6	1	190-00722	SELECTOR 3 POSITIONS (SPRING RETURN) - SCHNEIDER #ZB4BD5
7	1	190-00723	SAFETY RESET PUSH BUTTON - SCHNEIDER #ZB4BC580
8	5	190-00724	BOOT FOR SELECTOR - SCHNEIDER #ZBDD2
9	6	190-00725	MOUNTING BASE - SCHNEIDER #ZB4BZ009
10	8	190-00726	CONTACT BLOCK (NO) - SCHNEIDER #ZBE101

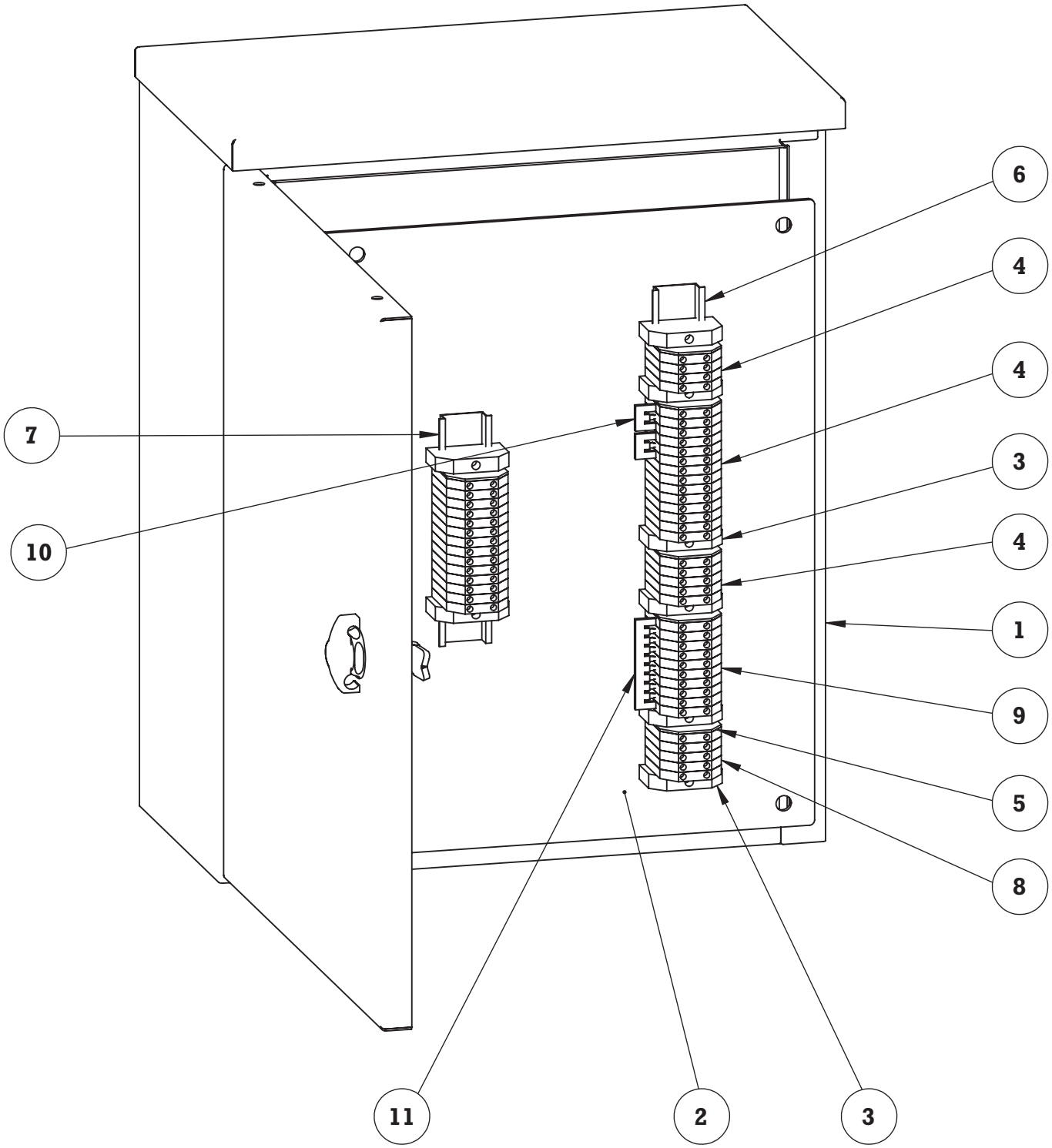
BREAKER AND RELAY BOX - 2019 (091-21868C)



BREAKER AND RELAY BOX - 2019 (091-21868C)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190-00732	20 X 16 X 8 OUTDOOR ENCLOSURE (GALVANIZED STEEL)
2	1	091-24783	BACK PANEL FOR 20 X 16 X 8 BOX (091-21868C)
3	1	091-21961	SMART RELAY ASSEMBLY
4	1	190-00823	24V DC POWER SUPPLY - DIN RAIL MOUNT
5	1	190-00695	FUSED DISC. TERMINAL
6	1	190-00685	1A FAST ACTING FUSE (5MM X 20MM)
7	12	190-00693	END STOP 35MM
8	19	190-00690	GREY TERMINAL BLOCK (32A)
9	1	190-00680	CIRCUIT BREAKER 15A (CURVE B)
10	12	190-00678	CIRCUIT BREAKER 3A (CURVE B)
11	3	190-00679	CIRCUIT BREAKER 10A (CURVE B)
12	4	190-00694	END COVER
13	3	190-00250	DIN RAIL (13” LONG)
14	2	190-00691	GREEN-YELLOW TERMINAL BLOCK
15	8	190-00688	ORANGE COMPLETE LIGHT (120V)
16	11	190-00689	RED COMPLETE LIGHT (24V)
17	3	190-00692	WHITE TERMINAL BLOCK (32A)
18	8	190-00718	SOLID STATE RELAY 24VDC INPUT - 120VAC OUTPUT; 12A
19	2	190-00696	PLUG-IN BRIDGE 3 WAYS
20	0.5	190-00697	PLUG-IN BRIDGE 4 WAYS
21	1	091-21868W	WIRE HARNESS
22	2	091-24334	REMOTE BOX SUPPORT (20 X 16)
23	2	091-21897	ELECTRIC BOX POST
24	2	430-00444	PLAIN CAP
25	1	360-00176	DECAL - FRONT OF BOX
26	1	360-00183	DECAL - BREAKERS

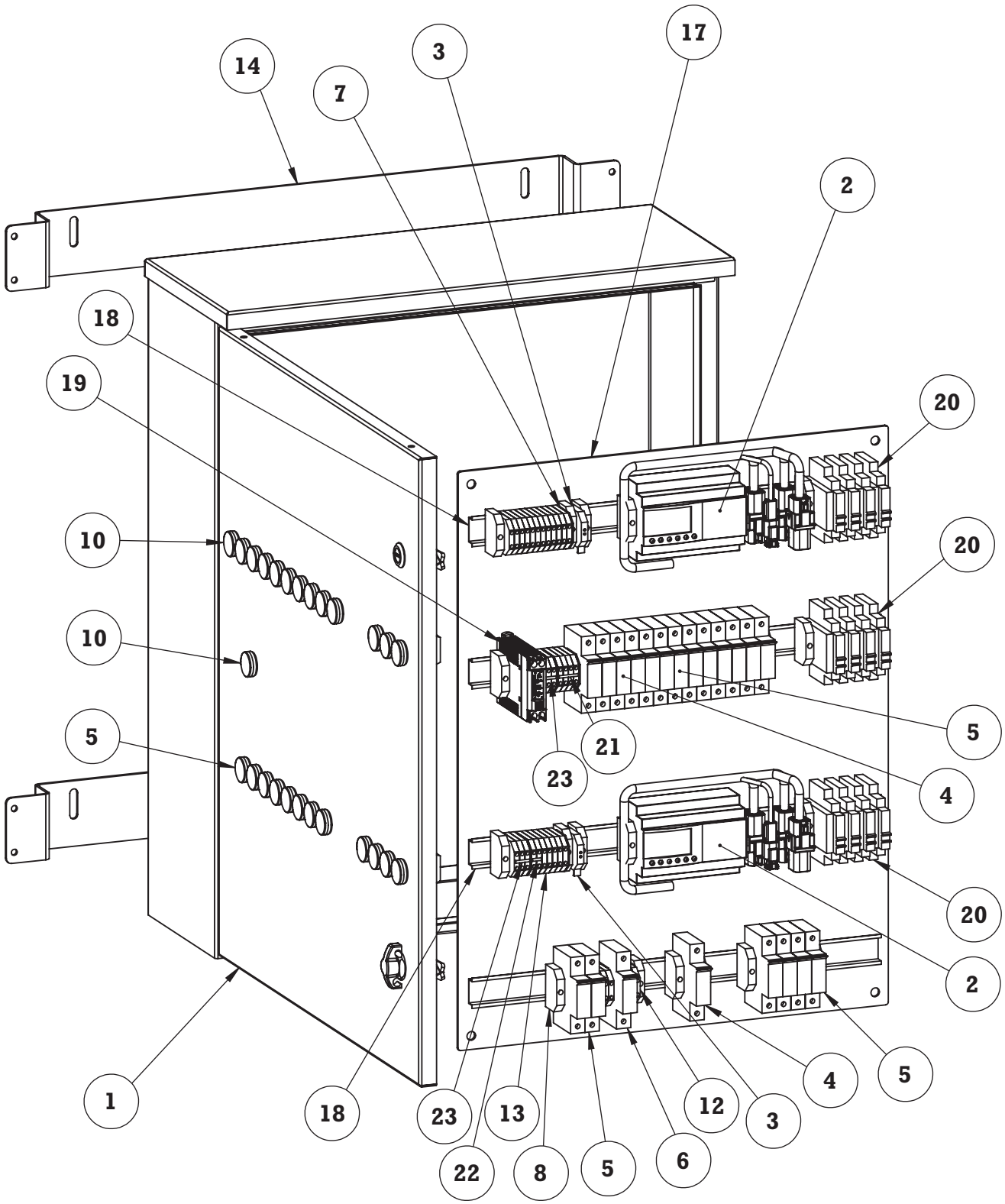
JUNCTION BOX UNDER OPERATOR PLATFORM (091-21872B)



JUNCTION BOX UNDER OPERATOR PLATFORM (091-21872B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190-00732	20 X 16 X 8 OUTDOOR ENCLOSURE (GALVANIZED STEEL)
2	1	091-24685	BACK PANEL FOR 20 X 16 X 8 BOX (091-21872B)
3	8	190-00693	END STOP 35MM
4	23	190-00690	GREY TERMINAL BLOCK (32A)
5	6	190-00694	END COVER
6	1	190-00250	DIN RAIL (13" LONG)
7	1	190-00250	DIN RAIL (6" LONG)
8	5	190-00691	GREEN-YELLOW TERMINAL BLOCK
9	24	190-00692	WHITE TERMINAL BLOCK (32A)
10	2	190-00696	PLUG-IN BRIDGE 3 WAYS
11	1	190-00697	PLUG-IN BRIDGE 10 WAYS
12	1	091-21872W	WIRE HARNESS

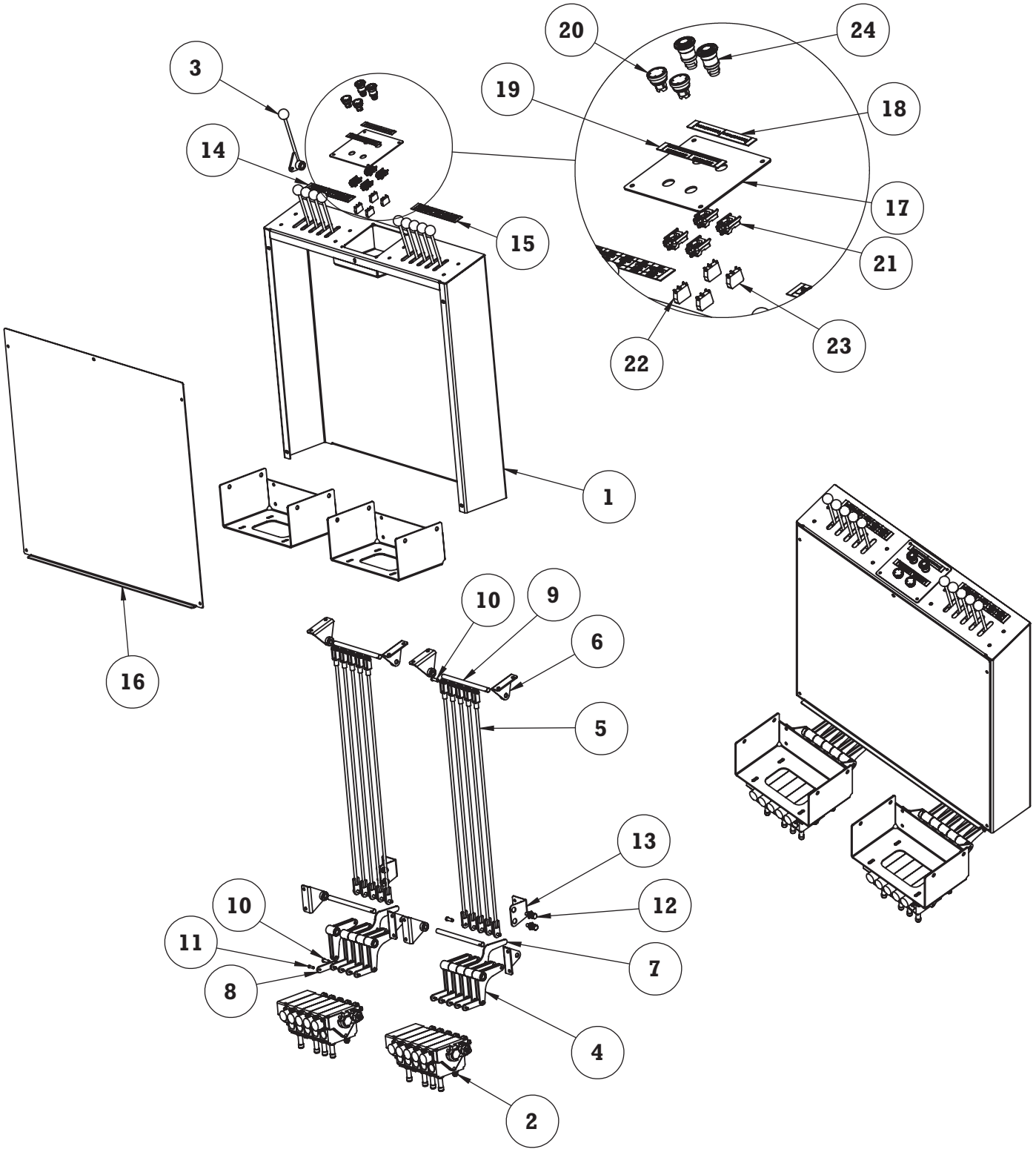
BREAKER AND RELAY BOX FOR SYSTEM W/WASHER - 2017 (091-21866C)



BREAKER AND RELAY BOX FOR SYSTEM W/WASHER - 2017 (091-21866C)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190-00733-C	30 X 24 X 8 OUTDOOR ENCLOSURE (GALVANIZED STEEL)
2	2	091-21961	SMART RELAY ASSEMBLY
3	2	190-00695	FUSED DISC. TERMINAL
4	4	190-00679	CIRCUIT BREAKER 10A (CURVE B)
5	16	190-00678	CIRCUIT BREAKER 3A (CURVE B)
6	1	190-00680	CIRCUIT BREAKER 15A (CURVE B)
7	7	190-00694	END COVER
8	25	190-00693	END STOP 35MM
9	12	190-00688	ORANGE COMPLETE LIGHT (120V)
10	14	190-00689	RED COMPLETE LIGHT (24V)
11	3	190-00692	WHITE TERMINAL BLOCK (32A)
12	2	190-00691	GREEN-YELLOW TERMINAL BLOCK
13	29	190-00690	GREY TERMINAL BLOCK (32A)
14	2	091-24334-1	REMOTE BOX SUPPORT (30 X 24)
15	2	091-21853	CORNER POST
16	2	430-00444	PLAIN CAP
17	1	091-24684C	BACK PANEL FOR 30 X 24 X 8 BOX (091-21866B)
18	4	190-00250	DIN RAIL (19.5” LONG)
19	1	190-00823	24V DC POWER SUPPLY - DIN RAIL MOUNT
20	12	190-00718	SOLID STATE RELAY 24VDC INPUT - 120VAC OUTPUT; 12A
21	1	190-00697	PLUG-IN BRIDGE 4 WAYS
22	1	190-00697-1	PLUG-IN BRIDGE 4 WAYS - CUT TO 2 WAYS
23	2	190-00696	PLUG-IN BRIDGE 3 WAYS

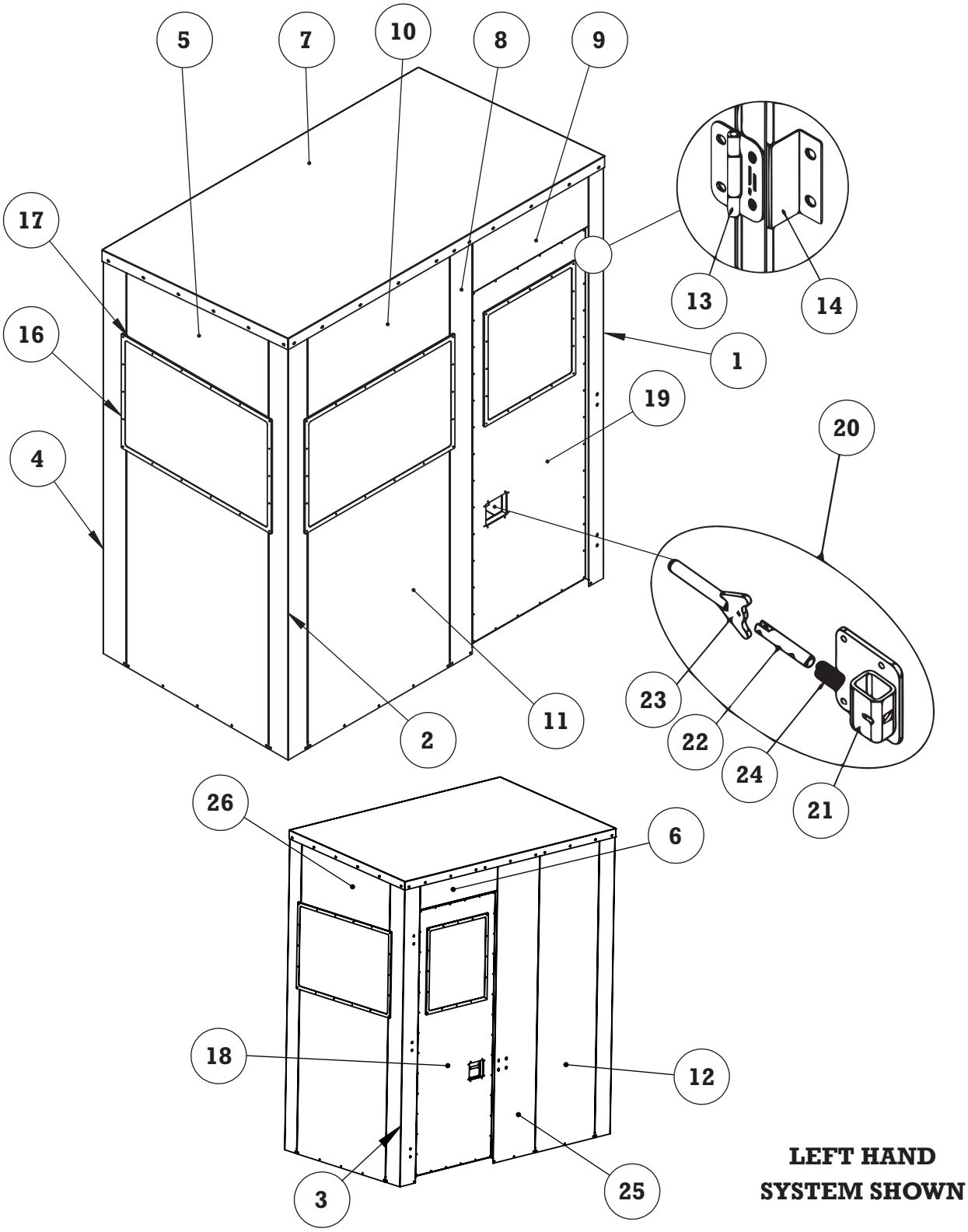
CENTRAL CONSOLE ASSEMBLY (091-25601)



CENTRAL CONSOLE ASSEMBLY (091-25601)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25602	CENTRAL CONSOLE WELDMENT
2	2	091-23119	5 SECTION VALVE ASSEMBLY
3	10	091-21658	HYDRAULIC CONTROL LEVER ASSEMBLY
4	8	091-21659	HYDRAULIC CONTROL BELLCRANK ASSEMBLY
5	10	091-21660	CONNECTING ROD ASSEMBLY
6	8	091-21663	CONTROL LINKAGE SHAFT MOUNT
7	2	091-21666	HYDRAULIC CONTROL BELLCRANK ASSEMBLY WITH PROXY ARM
8	10	091-20551	CONNECTING LINK
9	4	091-20664	CONTROL LINKAGE SHAFT
10	30	210-00846	CLEVIS PIN 3/8 X 1
11	10	210-00847	1/4 X 7/8 CLEVIS PIN
12	4	091-20352	PROXIMITY SENSOR 18MM 24V
13	2	091-20570	PROXY SENSOR MOUNT
14	1	360-00151.1L	CONTROL LEVER LABELS
15	1	360-00151.1R	CONTROL LEVER LABELS
16	1	091-24094	CENTRAL CONSOLE FRONT COVER
17	1	091-24377-04	ELECTRICAL PANEL WITH DOOR CLOSER
18	1	360-00163	CENTAL CONSOLE E-STOP PLACARD
19	1	360-00163.1	CENTRAL CONSOLE SAFETY SHUTDOWN TAG
20	2	190-00723	SAFETY RESET PUSH BUTTON - SCHNEIDER #ZB4BC580
21	4	190-00725	MOUNTING BASE - SCHNEIDER #ZB4BZ009
22	2	190-00726	CONTACT BLOCK (NO) - SCHNEIDER #ZBE101
23	2	190-00727	CONTACT BLOCK (NC) - SCHNEIDER #ZBE102
24	2	190-00817	RED EMERGENCY STOP - PUSH/PULL - SCHNEIDER #ZB4BT84

OPERATOR CAB ASSEMBLY (REAR DOOR LOCATION) (091-25606)

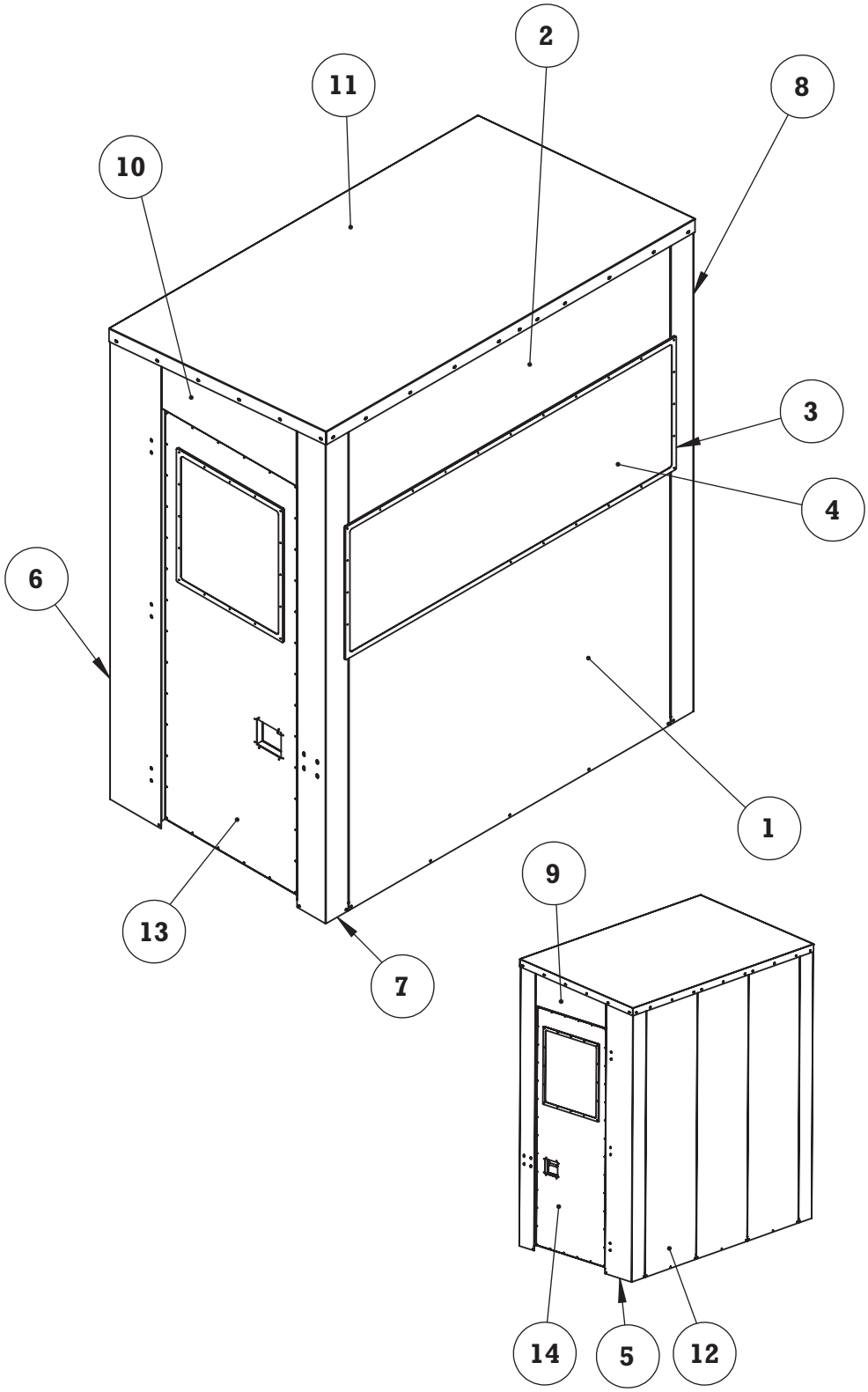


LEFT HAND SYSTEM SHOWN

OPERATOR CAB ASSEMBLY (REAR DOOR LOCATION) (091-25606)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-00912L	FRONT CORNER POST - SPECIAL OPERATOR CAB
2	1	091-24145L	CORNER POST
3	1	091-00913L	REAR CORNER POST - SPECIAL OPERATOR CAB
4	1	091-24163L	CORNER POST
5	1	091-24151L	PANEL
6	1	091-00915L	PANEL - SPECIAL OPERATOR CAB
7	1	091-24154	ROOF
8	1	091-24147L	DOOR POST
9	1	091-24148	PANEL
10	1	091-24149	PANEL
11	3	091-24150	PANEL
12	1	091-24153	BACK PANEL
13	6	091-24155	DOOR HINGE FOR OPERATOR CAB
14	6	091-24156	HINGE STIFFNER
15	1	091-24160	DOOR CATCH
16	3	091-24165	WINDOW COVER PLATE (CAB)
17	3	091-24167	LEXAN WINDOW (CAB)
18	1	091-25603OP	DOOR ASSEMBLY
19	1	091-25603SH	DOOR ASSEMBLY
20	2	091-25604	DOOR LATCH ASSEMBLY
21	2	–	GATE LATCH BOX (NOT SOLD SEPARATELY)
22	2	091-20750	GATE LATCH BOLT
23	2	091-21673	GATE LATCH HANDLE
24	2	091-20567	GATE LOCK SPRING
25	1	091-00914L	BACK PANEL - SPECIAL OPERATOR CAB
26	1	091-24151R	PANEL
–	1	091-24168	HEATER (NOT SHOWN)
–	1	091-24169	THERMOSTAT (NOT SHOWN)

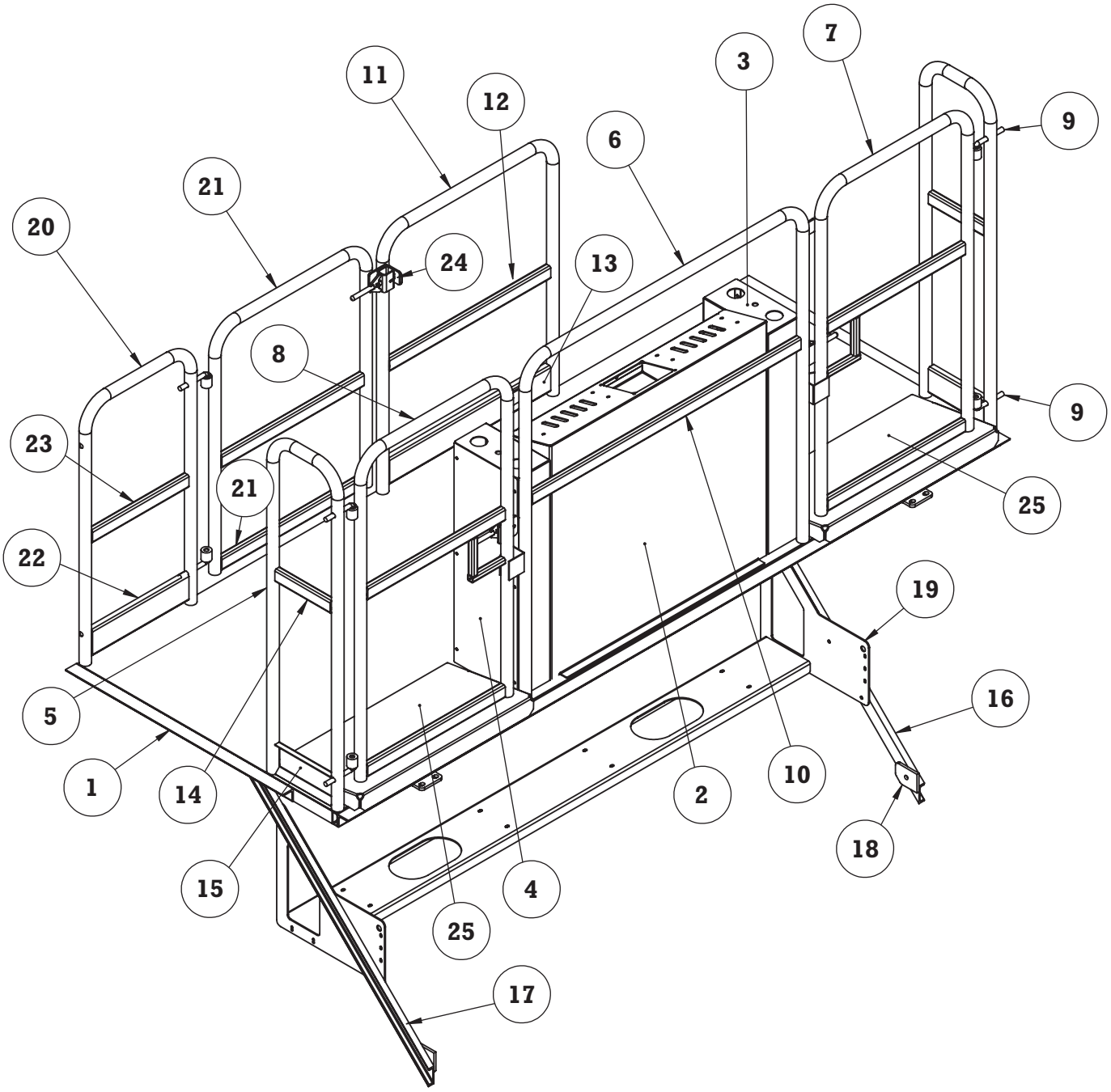
OPERATOR CAB ASSEMBLY (FOR CENTER CONSOLE) (091-25607)



OPERATOR CAB ASSEMBLY (FOR CENTER CONSOLE) (091-25607)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-25607-01	PANEL
2	1	091-25607-02	PANEL
3	1	091-25607-03	WINDOW COVER PLATE (CAB)
4	1	091-25607-04	LEXAN WINDOW (CAB)
5	1	091-25607-05L	CORNER POST
6	1	091-25607-05R	CORNER POST
7	1	091-25607-06L	CORNER POST
8	1	091-25607-06R	CORNER POST
9	1	091-25607-07L	PANEL
10	1	091-25607-07R	PANEL
11	1	091-24154	ROOF
12	3	091-24153	BACK PANEL
13	1	091-25603OP	DOOR ASSEMBLY
14	1	091-25603SH	DOOR ASSEMBLY
15	6	091-24155	DOOR HINGE FOR OPERATOR CAB
16	6	091-24156	HINGE STIFFNER
17	2	091-24160	DOOR CATCH

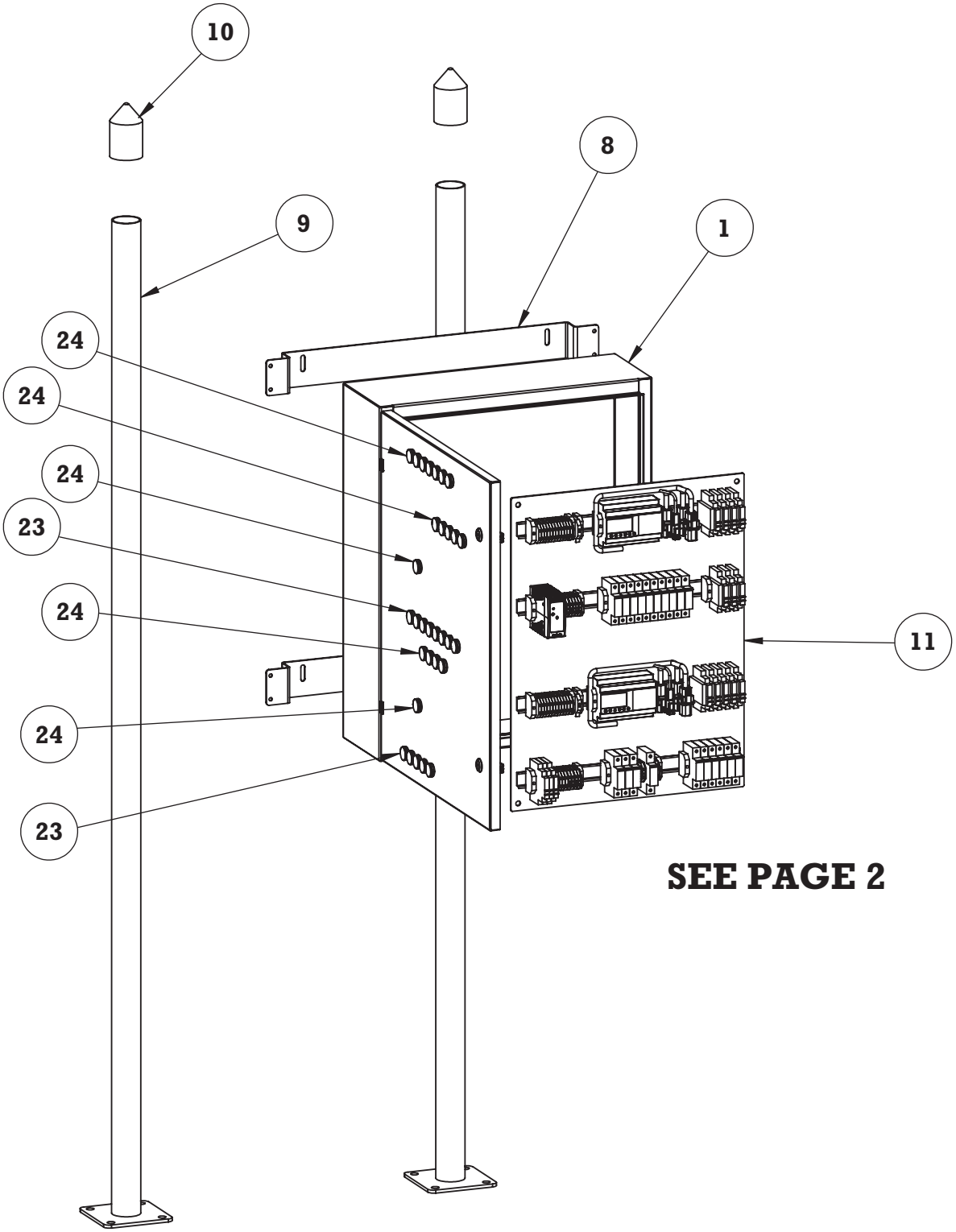
OPERATOR PLATFORM WELDMENT ASSEMBLY (091-21692-ASSY)



OPERATOR PLATFORM WELDMENT ASSEMBLY (091-21692-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21692	OPERATOR PLATFORM (125"X 48")
2	1	091-25602	CENTRAL CONSOLE WELDMENT
3	1	091-01044L	OPERATOR PLATFORM HYDRAULIC VALVE ENCLOSURE
4	1	091-01044R	OPERATOR PLATFORM HYDRAULIC VALVE ENCLOSURE
5	2	091-21692-05	OPERATOR PLATFORM GATE HANDRAIL
6	1	091-21692-04	OPERATOR PLATFORM HANDRAIL
7	1	091-21656L	OPERATOR GATE
8	1	091-21656R	OPERATOR GATE
9	6	091-20393	GATE HINGE PIN
10	1	091-21962-10	RAIL X-MEMBER
11	1	091-21692-08	OPERATOR PLATFORM HANDRAIL
12	1	091-21962-13	RAIL X-MEMBER
13	1	091-21962-14	SHORT HANDRAIL TOE BOARD
14	2	091-21692-16	HANDRAIL X-MEMBER
15	2	091-21962-17	SHORT HANDRAIL TOE BOARD
16	1	091-20449.2	OPERATOR PLATFORM BRACE
17	1	091-20449.1	OPERATOR PLATFORM BRACE
18	2	091-20450	PLATFORM BRACE ANCHOR
19	1	091-01052	VALVE STACK SUPPORT ASSEMBLY (89-5/8")
20	1	091-21692-20	OPERATOR PLATFORM GATE HANDRAIL
21	1	091-21655R	ENTRY GATE
22	1	091-21962-21	SHORT HANDRAIL TOE BOARD
23	1	091-21962-22	RAIL X-MEMBER
24	1	091-20569	GATE STRIKER
25	2	091-21692-23	OPERATOR'S PLATFORM RAMP

BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 1 OF 2

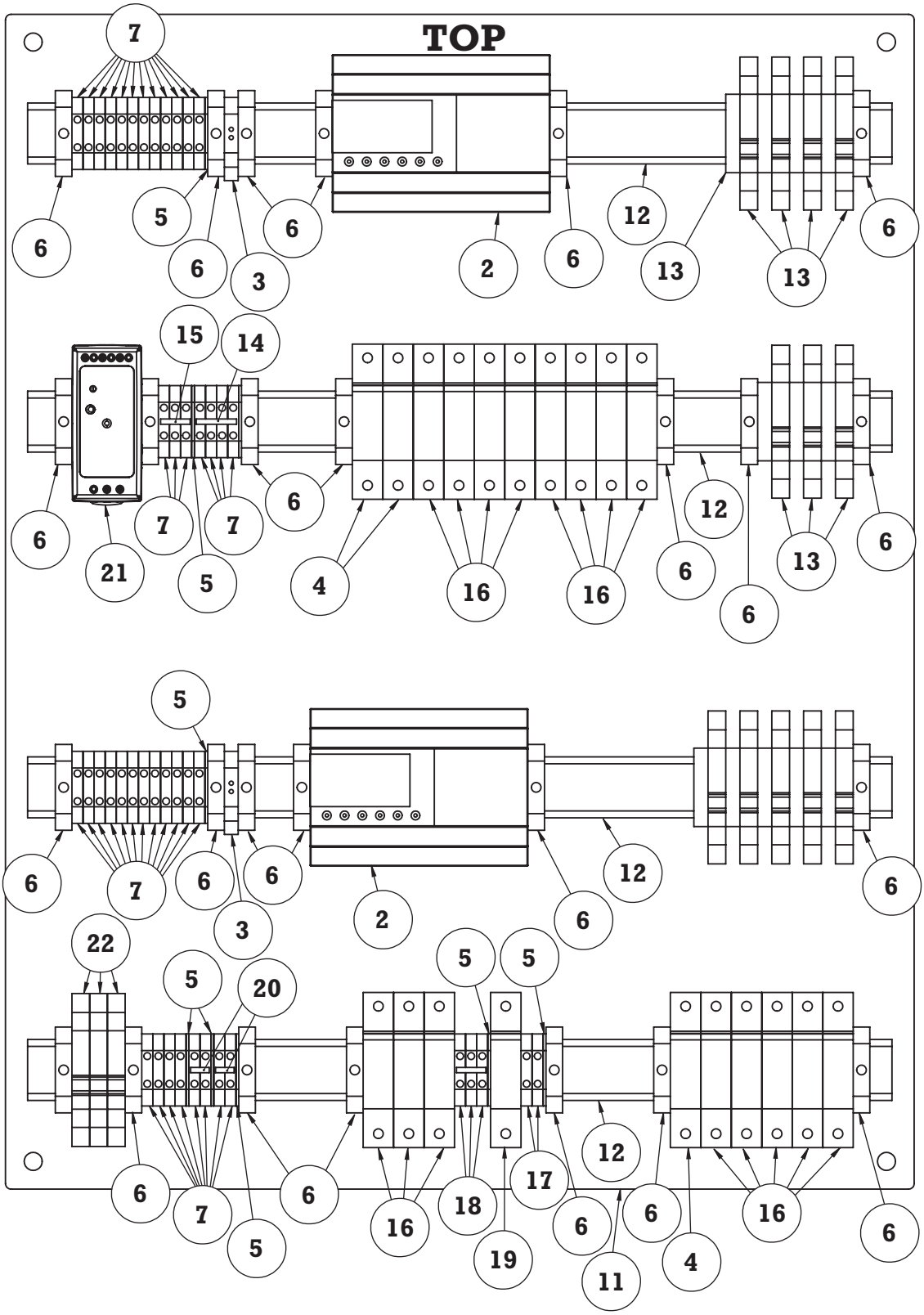


SEE PAGE 2

BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 1 OF 2

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190-00733-SS	20 X 16 X 8 OUTDOOR ENCLOSURE STAINLESS STEEL
2	2	091-21961	SMART RELAY ASSEMBLY
3	2	190-00695	FUSED DISC. TERMINAL
4	3	190-00679	CIRCUIT BREAKER 10A (CURVE B)
5	9	190-00694	END COVER
6	28	190-00693	END STOP 35MM
7	39	190-00690	GREY TERMINAL BLOCK (32A)
8	2	091-24334-1	REMOTE BOX SUPPORT (30 X 24)
9	2	091-21897	ELECTRIC BOX POST
10	2	430-00444	PLAIN CAP
11	1	091-24684C	BACK PANEL FOR 30 X 24 X 8 BOX (091-21866B)
12	4	190-00250	DIN RAIL (19.5" LONG)
13	12	190-00718	SOLID STATE RELAY 24VDC INPUT - 120VAC OUTPUT; 12A
14	1	190-00697	PLUG-IN BRIDGE 4 WAYS
15	2	190-00696	PLUG-IN BRIDGE 3 WAYS
16	16	190-00678	CIRCUIT BREAKER 3A (CURVE B)
17	2	190-00691	GREEN-YELLOW TERMINAL BLOCK
18	3	190-00692	WHITE TERMINAL BLOCK (32A)
19	1	190-00680	CIRCUIT BREAKER 15A (CURVE B)
20	2	190-00697-1	PLUG-IN BRIDGE 4 WAYS - CUT TO 2 WAYS
21	1	190-00823	MDR-40-24 POWER SUPPLY
22	3	190-00866	SOLID STATE RELAY (IN- 4~32VDC) (OUT-6A 1~60 VDC) 24VDC INPUT - 120VAC OUTPUT; 12A
23	13	190-00688	ORANGE COMPLETE LIGHT (120V)
24	18	190-00689	RED COMPLETE LIGHT (24V)
25	REF.	190-00865	WIRE CONDUIT 1" X 1" W/COVER (8.0 FT.)

BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 2 OF 2



BREAKER AND RELAY BOX FOR DOUBLE SYSTEM (091-23800) 2 OF 2

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	190-00733-SS	20 X 16 X 8 OUTDOOR ENCLOSURE STAINLESS STEEL
2	2	091-21961	SMART RELAY ASSEMBLY
3	2	190-00695	FUSED DISC. TERMINAL
4	3	190-00679	CIRCUIT BREAKER 10A (CURVE B)
5	9	190-00694	END COVER
6	28	190-00693	END STOP 35MM
7	39	190-00690	GREY TERMINAL BLOCK (32A)
8	2	091-24334-1	REMOTE BOX SUPPORT (30 X 24)
9	2	091-21897	ELECTRIC BOX POST
10	2	430-00444	PLAIN CAP
11	1	091-24684C	BACK PANEL FOR 30 X 24 X 8 BOX (091-21866B)
12	4	190-00250	DIN RAIL (19.5" LONG)
13	12	190-00718	SOLID STATE RELAY 24VDC INPUT - 120VAC OUTPUT; 12A
14	1	190-00697	PLUG-IN BRIDGE 4 WAYS
15	2	190-00696	PLUG-IN BRIDGE 3 WAYS
16	16	190-00678	CIRCUIT BREAKER 3A (CURVE B)
17	2	190-00691	GREEN-YELLOW TERMINAL BLOCK
18	3	190-00692	WHITE TERMINAL BLOCK (32A)
19	1	190-00680	CIRCUIT BREAKER 15A (CURVE B)
20	2	190-00697-1	PLUG-IN BRIDGE 4 WAYS - CUT TO 2 WAYS
21	1	190-00823	MDR-40-24 POWER SUPPLY
22	3	190-00866	SOLID STATE RELAY (IN- 4~32VDC) (OUT-6A 1~60 VDC) 24VDC INPUT - 120VAC OUTPUT; 12A
23	13	190-00688	ORANGE COMPLETE LIGHT (120V)
24	18	190-00689	RED COMPLETE LIGHT (24V)
25	REF.	190-00865	WIRE CONDUIT 1" X 1" W/COVER (8.0 FT.)

SECTION #8

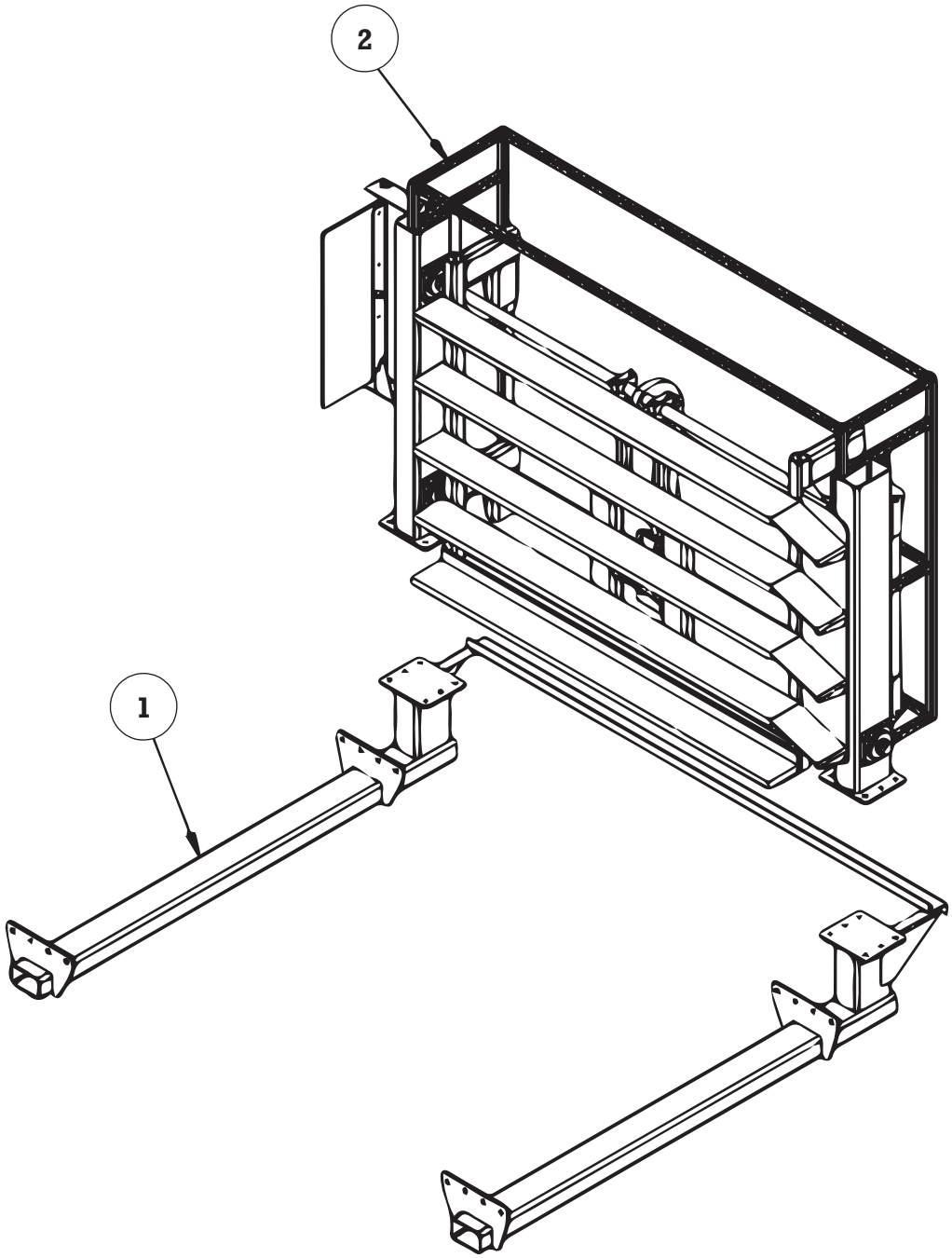
DOOR CLOSER

CONTENTS

DOOR CLOSER AND MOUNT ASSEMBLY (091-21677 B,C,OR D) 8-2
HYDRAULIC DOOR CLOSER (010-00160B) 8-4
HYDRAULIC DOOR CLOSER (010-00160C) 8-6
HYDRAULIC DOOR CLOSER (010-00160D) 8-8
FIXED DOOR CLOSER ASSEMBLY (091-21679-ASSY) 8-10

DOOR CLOSER AND MOUNT ASSEMBLY (091-21677 B,C,OR D)

091-21677B : FOR 5 HIGH CAGE ONLY
091-21677C: FOR 4 HIGH CAGE ONLY
091-21677D FOR 5 / 6 HIGH CAGE COMBINATION



LEFT HAND SYSTEM SHOWN

DOOR CLOSER AND MOUNT ASSEMBLY (091-21677 B,C,OR D)

091-21677B : FOR 5 HIGH CAGE ONLY
091-21677C: FOR 4 HIGH CAGE ONLY
091-21677D FOR 5 / 6 HIGH CAGE COMBINATION

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21601	DOOR CLOSER SUPPORT
2	1	010-00160BL	*HYDRAULIC DOOR CLOSER (FOR 5 HIGH CAGE ONLY & LHS SYSTEM)
	1	010-00160BR	*HYDRAULIC DOOR CLOSER (FOR 5 HIGH CAGE ONLY & RHS SYSTEM)
	1	091-21614CL	** HYDRAULIC DOOR CLOSER (FOR 4 HIGH CAGE ONLY & LHS SYSTEM)
	1	091-21614CR	** HYDRAULIC DOOR CLOSER (FOR 4 HIGH CAGE ONLY & RHS SYSTEM)
	1	091-21615DL	*** HYDRAULIC DOOR CLOSER (FOR 5/6 HIGH CAGE COMBINATION & LHS SYSTEM)
	1	091-21615DR	*** HYDRAULIC DOOR CLOSER (FOR 5/6 HIGH CAGE COMBINATION & RHS SYSTEM)

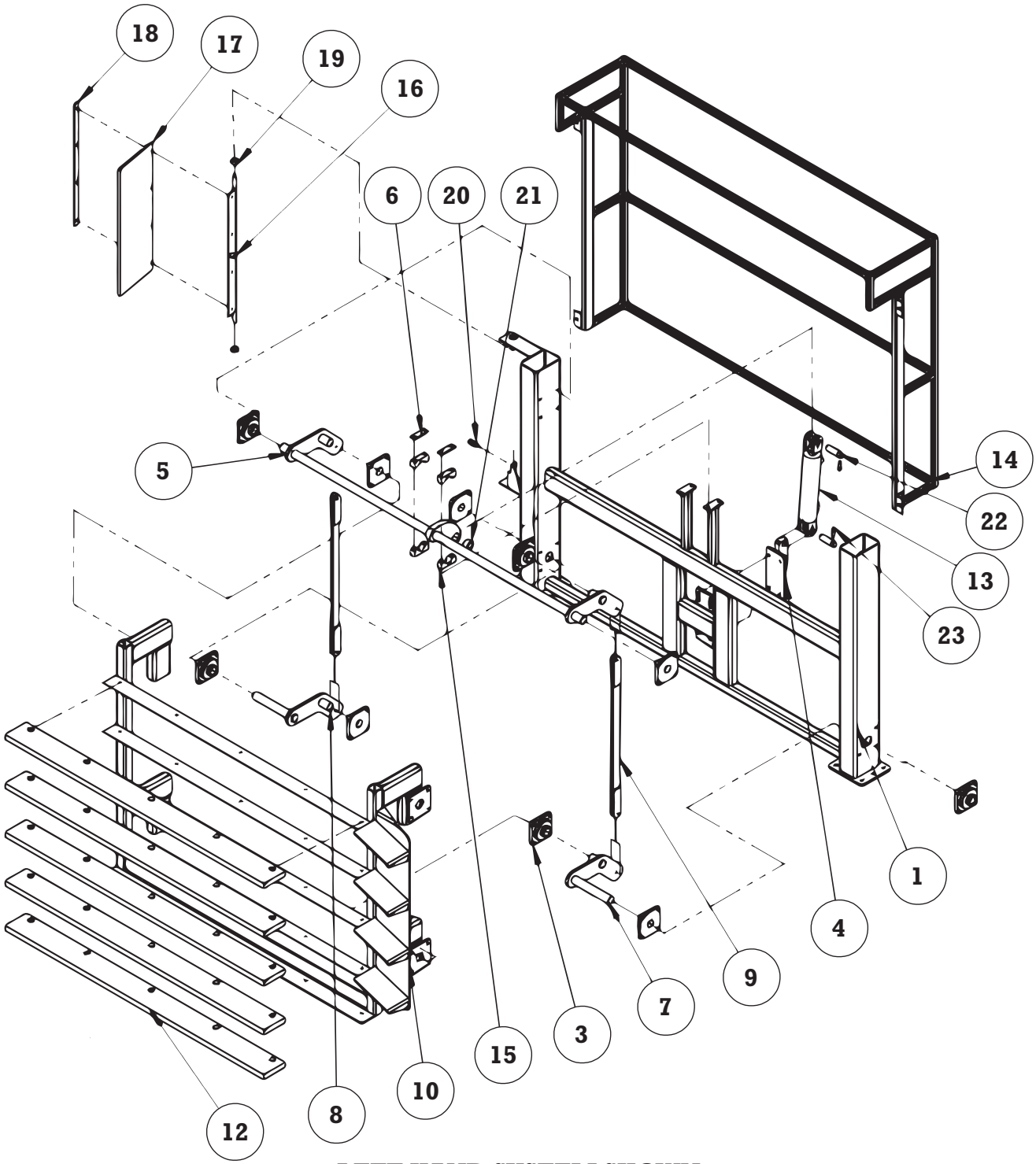
* SEE NEXT PAGE

** SEE PAGE 8 - 6

*** SEE PAGE 8 - 8

HYDRAULIC DOOR CLOSER (010-00160B)

5 HIGH CAGE ONLY



LEFT HAND SYSTEM SHOWN

HYDRAULIC DOOR CLOSER (010-00160B)

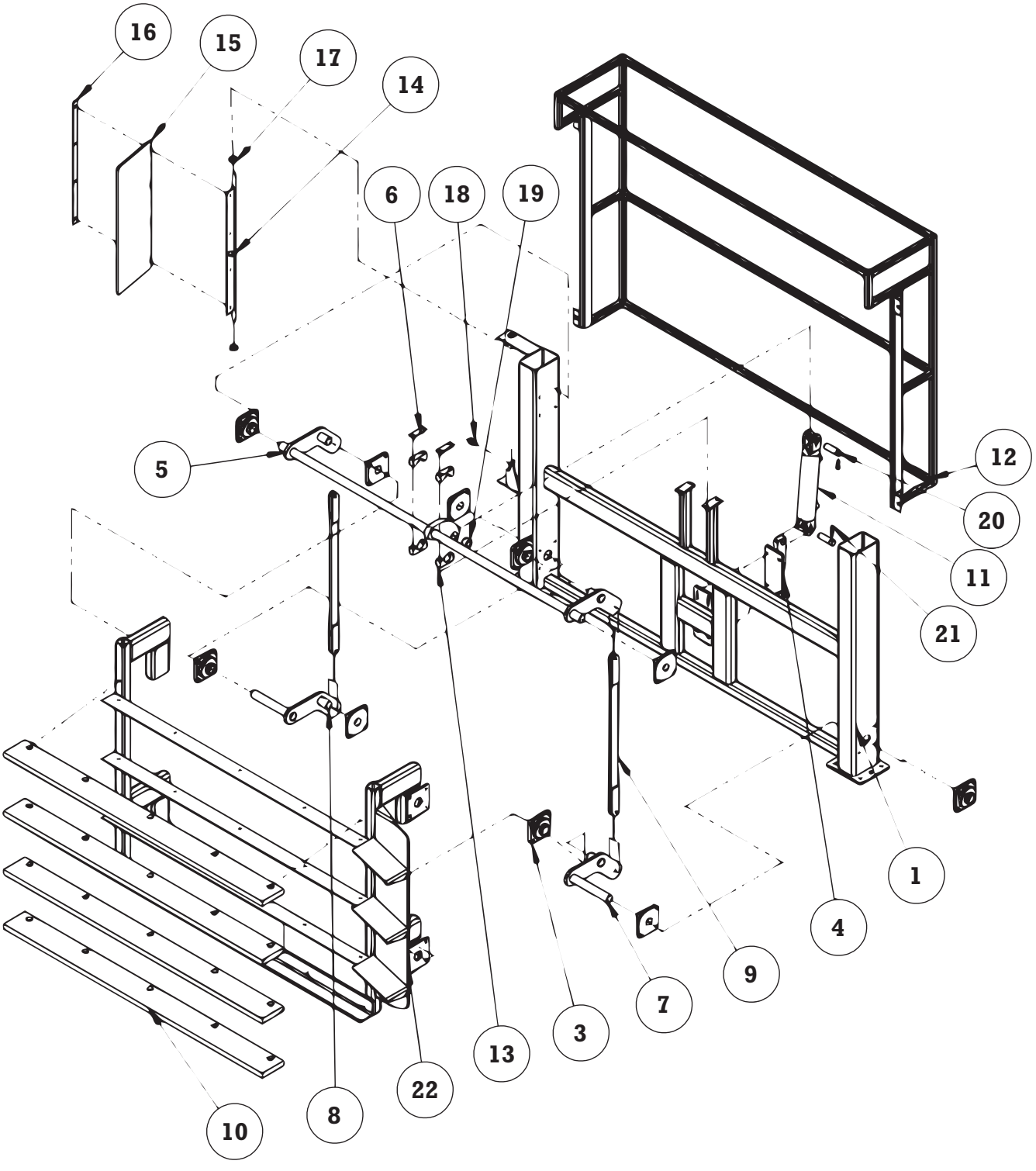
5 HIGH CAGE ONLY

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21606BL	DOOR CLOSER MAIN FRAME (LEFT HAND SIDE)
2	1	091-21606BR	DOOR CLOSER MAIN FRAME (RIGHT HAND SIDE
3	10	030-00018-D	FLANGE BEARING 1-7/16"
4	1	010-00040	CYLINDER ADJUSTMENT ASSEMBLY
5	1	010-00161	MAIN LIFT SHAFT ASSEMBLY
6	2	410-00322	UHMW BEARING CAP
7	1	091-00341L	LOWER STUB SHAFT ASSEMBLY
8	1	091-00341R	LOWER STUB SHAFT ASSEMBLY
9	2	091-21603	DOOR CLOSER TIE ROD ASSEMBLY
10	1	091-21605L	LIFT FRAME ASSEMBLY (LEFT HAND SYSTEM)
	1	091-21605R	LIFT FRAME ASSEMBLY (RIGHT HAND SYSTEM)
12	5	410-00062	UHMW WEAR PAD
13	1	170-00002	DOOR CLOSER LIFT CYLINDER
14	1	091-21604	DOOR CLOSER SAFETY GUARD
15	2	010-00163	UHMW BEARING (TOP AND BOTTOM HALVES)
16	1	091-21607	PADDLE ROD ASSEMBLY
17	1	410-00030	DOOR CLOSER PADDLE
18	1	091-20614	PADDLE ATTACHMENT STRAP CAP
19	2	091-20560	5/8" STOP COLLAR
20	1	091-20352	PROXIMITY SENSOR 18MM 24V
		091-20352.2	33' PROXY SENSOR CABLE (NOT SHOWN)
21	1	21 030-00092	1" NEEDLE BEARING W/O INNER RACE
22	2	098-01483	STEER CYLINDER PIN
23	2	098-01482	ROD END 3/8"
	1	091-21611L	6 HIGH LIFT FRAME ASSEMBLY (NOT SHOWN)
	1	091-21611R	6 HIGH LIFT FRAME ASSEMBLY (NOT SHOWN)
	1	091-21612	DOOR CLOSER GUARD FOR 6 HIGH (NOT SHOWN)
	1	410-00324	PADDLE SPRING (NOT SHOWN)

Cage Unloading System

HYDRAULIC DOOR CLOSER (010-00160C)

4 HIGH CAGE ONLY



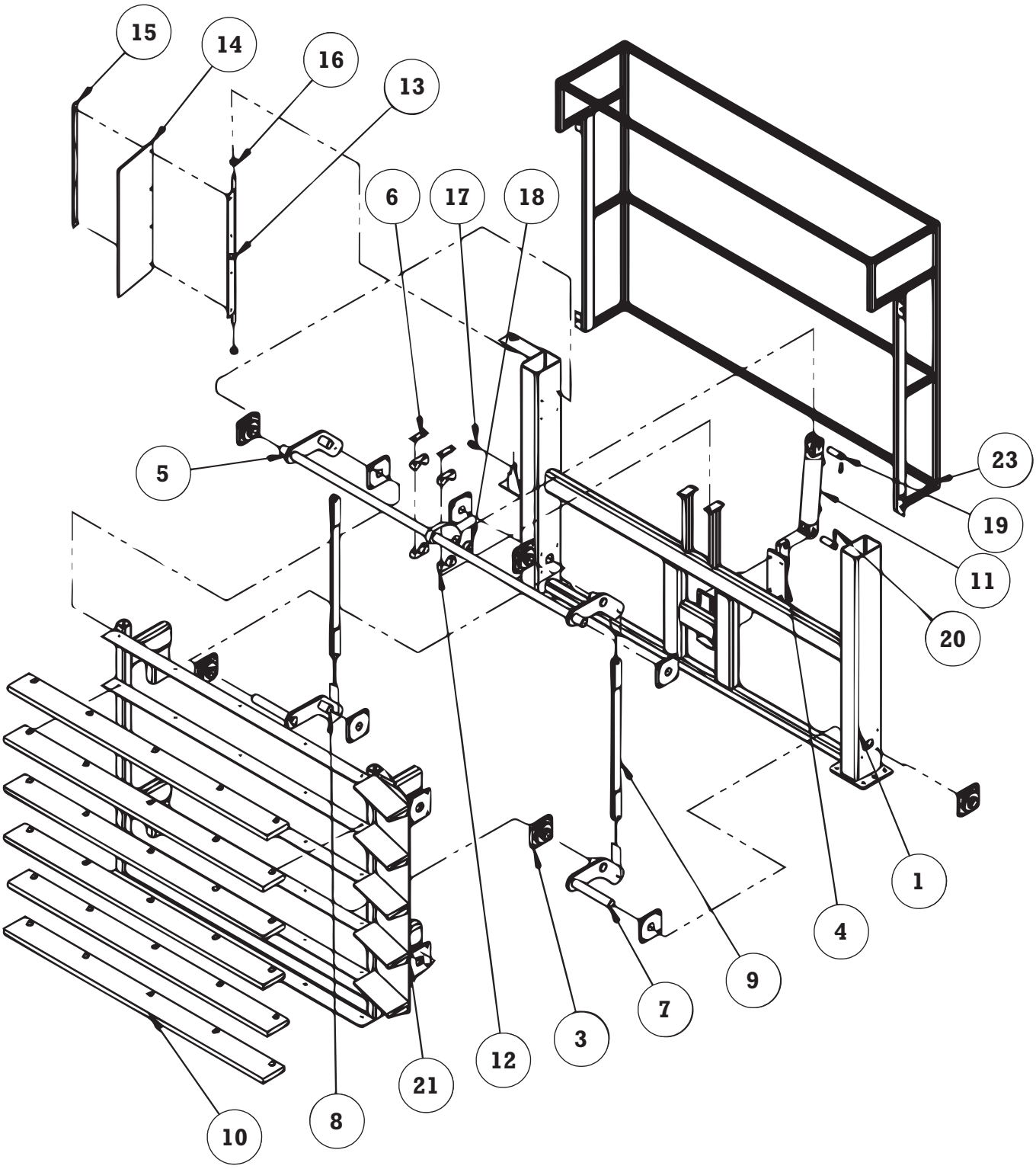
HYDRAULIC DOOR CLOSER (010-00160C)

4 HIGH CAGE ONLY

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21606BL	DOOR CLOSER MAIN FRAME
2	1	091-21606BR	DOOR CLOSER MAIN FRAME
3	10	030-00018-D	FLANGE BEARING 1-7/16”
4	1	010-00040	CYLINDER ADJUSTMENT ASSEMBLY
5	1	010-00161	MAIN LIFT SHAFT ASSEMBLY
6	2	410-00322	UHMW BEARING CAP
7	1	091-00341L	LOWER STUB SHAFT ASSEMBLY
8	1	091-00341R	LOWER STUB SHAFT ASSEMBLY
9	2	091-21603	DOOR CLOSER TIE ROD ASSEMBLY
10	4	410-00062	UHMW WEAR PAD
11	1	170-00002	DOOR CLOSER LIFT CYLINDER
12	1	091-21604	DOOR CLOSER SAFETY GUARD
13	2	010-00163	UHMW BEARING (TOP AND BOTTOM HALVES)
14	1	091-21607	PADDLE ROD ASSEMBLY
15	1	410-00030	DOOR CLOSER PADDLE
16	1	091-20614	PADDLE ATTACHMENT STRAP CAP
17	2	091-20560	5/8” STOP COLLAR
18	1	091-20352	PROXIMITY SENSOR 18MM 24V
		091-20352.2	33’ PROXY SENSOR CABLE (NOT SHOWN)
19	1	030-00092	1” NEEDLE BEARING W/O INNER RACE
20	2	098-01483	STEER CYLINDER PIN
21	2	098-01482	ROD END 3/8”
22	1	091-21608L	LIFT FRAME ASSEMBLY (4 HIGH CAGE) (LEFT HAND)
	1	091-21608R	LIFT FRAME ASSEMBLY (4 HIGH CAGE) (RIGHT HAND)
	1	410-00324	PADDLE SPRING (NOT SHOWN)

HYDRAULIC DOOR CLOSER (010-00160D)

5 & 6 HIGH CAGE COMBINATION

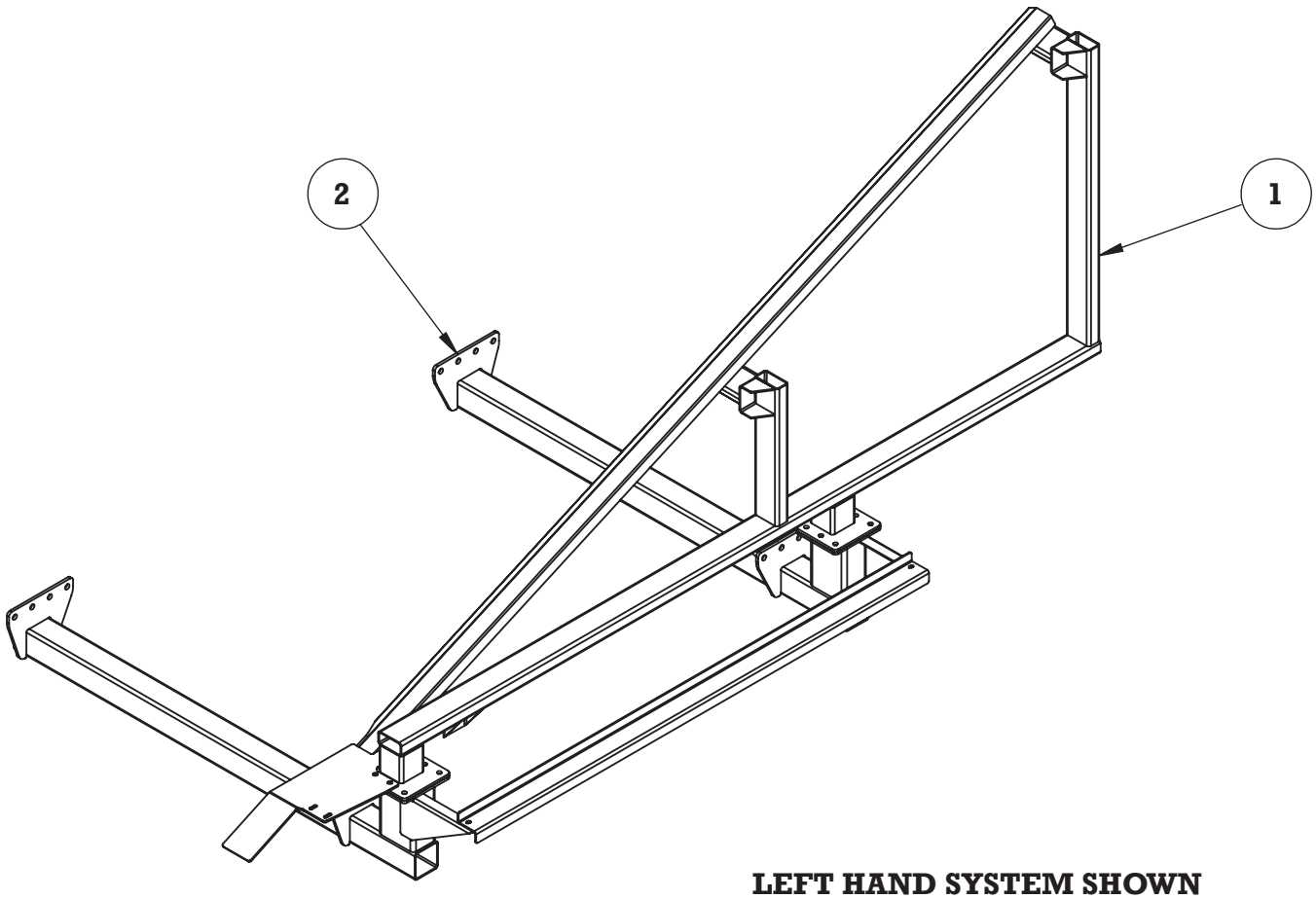


HYDRAULIC DOOR CLOSER (010-00160D)

5 & 6 HIGH CAGE COMBINATION

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21606BL	DOOR CLOSER MAIN FRAME
2	1	091-21606BR	DOOR CLOSER MAIN FRAME
3	10	030-00018-D	FLANGE BEARING 1-7/16"
4	1	010-00040	CYLINDER ADJUSTMENT ASSEMBLY
5	1	010-00161	MAIN LIFT SHAFT ASSEMBLY
6	2	410-00322	UHMW BEARING CAP
7	1	091-00341L	LOWER STUB SHAFT ASSEMBLY
8	1	091-00341R	LOWER STUB SHAFT ASSEMBLY
9	2	091-21603	DOOR CLOSER TIE ROD ASSEMBLY
10	6	410-00062	UHMW WEAR PAD
11	1	170-00002	DOOR CLOSER LIFT CYLINDER
12	2	010-00163	UHMW BEARING (TOP AND BOTTOM HALVES)
13	1	091-21607	PADDLE ROD ASSEMBLY
14	1	410-00030	DOOR CLOSER PADDLE
15	1	091-20614	PADDLE ATTACHMENT STRAP CAP
16	2	091-20560	5/8" STOP COLLAR
17	1	091-20352	PROXIMITY SENSOR 18MM 24V
	1	091-20352.2	33' PROXY SENSOR CABLE (NOT SHOWN)
18	1	030-00092	1" NEEDLE BEARING W/O INNER RACE
19	2	098-01483	STEER CYLINDER PIN
20	2	098-01482	ROD END 3/8"
21	1	091-21611L	6 HIGH LIFT FRAME ASSEMBLY (LEFT HAND SIDE)
	1	091-21611R	6 HIGH LIFT FRAME ASSEMBLY (RIGHT HAND SIDE)
23	1	091-21612	DOOR CLOSER GUARD FOR 6 HIGH (ONLY)
	1	410-00324	PADDLE SPRING (NOT SHOWN)

FIXED DOOR CLOSER ASSEMBLY (091-21679-ASSY)



LEFT HAND SYSTEM SHOWN
(RIGHT HAND OPPOSITE)

FIXED DOOR CLOSER ASSEMBLY (091-21679-ASSY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21679L	FIXED DOOR CLOSER (LEFT HAND SYSTEM)
	1	091-21679R	FIXED DOOR CLOSER (RIGHT HAND SYSTEM)
2	1	091-21601	DOOR CLOSER SUPPORT

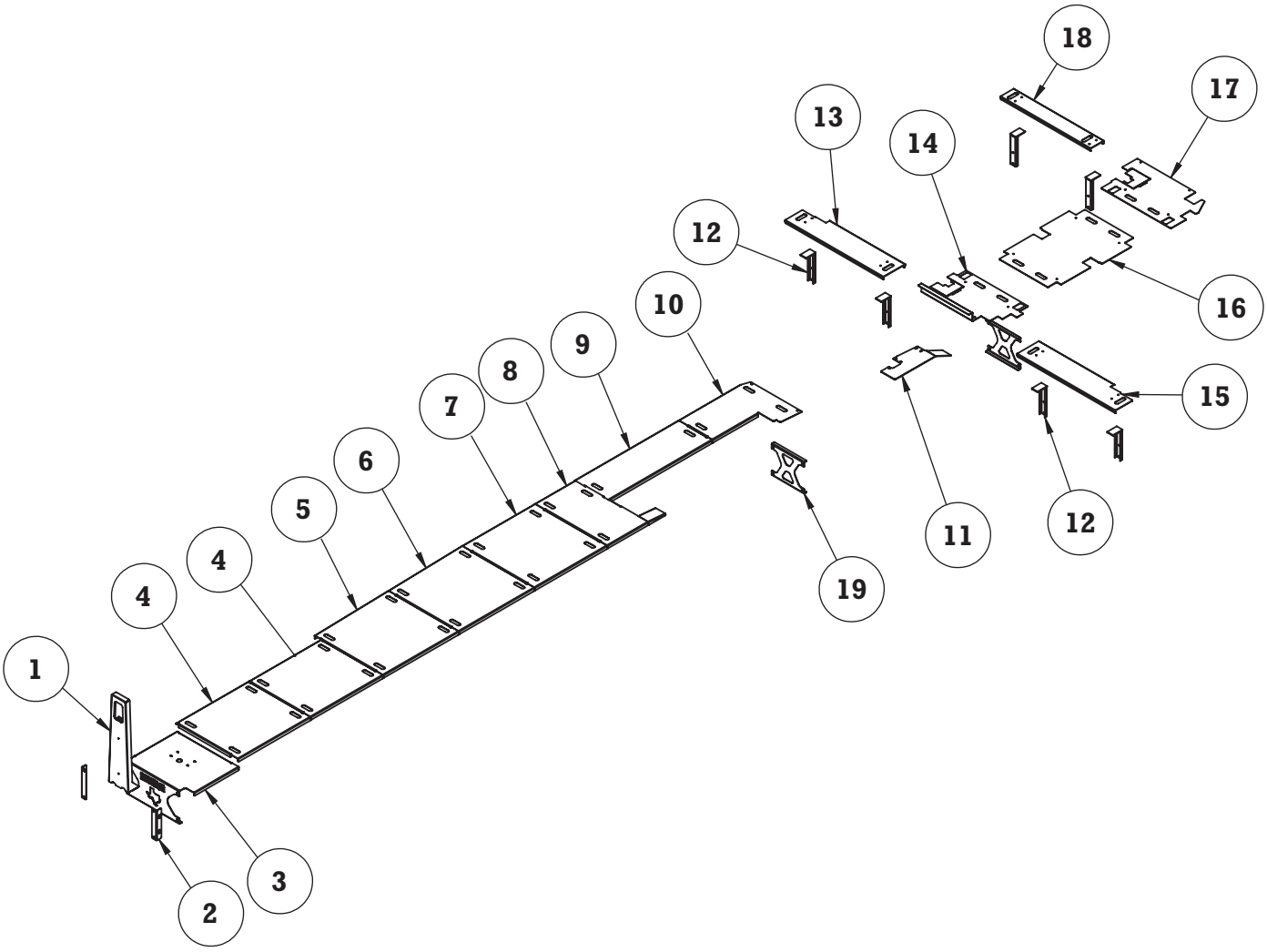
SECTION #9

LAY INS

CONTENTS

LAY IN KIT FOR SYSTEM WITH WASHER AND DOOR CLOSER (091-21839) 9-2
LAY IN KIT FOR SYSTEM WITH DOOR CLOSER (091-21840) 9-4
LAY IN KIT FOR NARROW SYSTEM WITH DOOR CLOSER (091-21840-01) 9-6
LAY IN KIT WITHOUT DOOR CLOSER (091-21841) 9-8
LAY IN KIT WITH FIXED DOOR CLOSER (091-21873) 9-10
LAY IN KIT FOR NARROW SYSTEM WITH FIXED DOOR CLOSER (091-21873-01) 9-12
LAY IN KIT W 10' CONVEYORS AND DOOR CLOSER (091-21898) 9-14
LAY-INS WITH DOOR CLOSER – SPECIAL 50' + 47" (091-21899) 9-16
LAY IN KIT FOR DOUBLE DUMPER (091-30076 LAYINS) 9-18

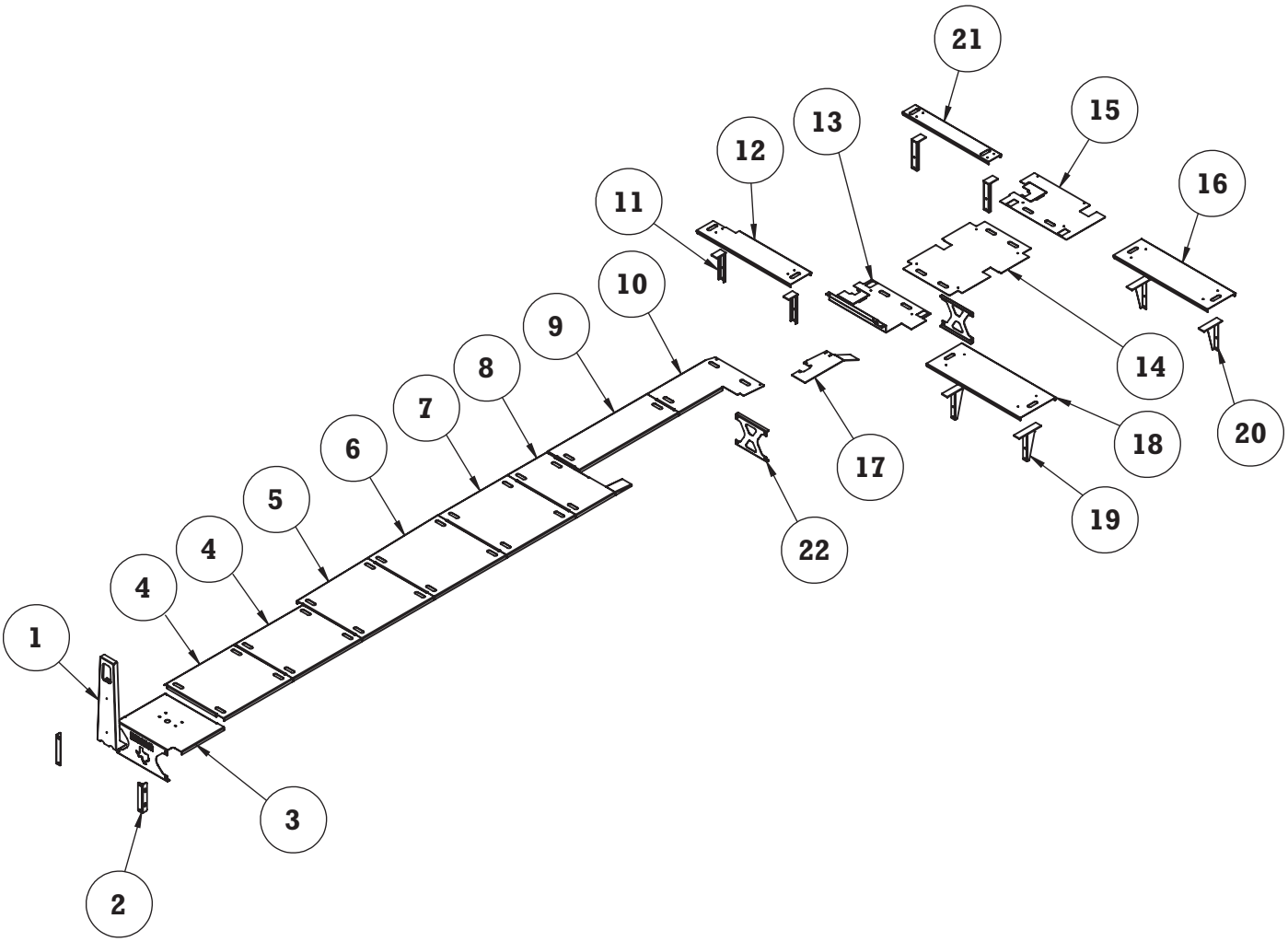
LAY IN KIT FOR SYSTEM WITH WASHER AND DOOR CLOSER (091-21839)



LAY IN KIT FOR SYSTEM WITH WASHER AND DOOR CLOSER (091-21839)

ITEM	1QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	2	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24756L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24756R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-20587L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20587R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-20588L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20588R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	1	097-20832L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	1	097-20832R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-21845L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21845R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21842L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-21842R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
9	1	091-21831L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21831R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-20510L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-20510R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
10	1	091-20509L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-20509R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
11	1	091-20504L	DOOR RAMP (LEFT HAND SIDE SYSTEM)
	1	091-20504R	DOOR RAMP (RIGHT HAND SIDE SYSTEM)
12	6	091-21838	LAY IN MOUNT
13	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
14	1	091-21824L	THIRD LAY IN WITH WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21824R	THIRD LAY IN WITH WASHER (RIGHT HAND SIDE SYSTEM)
15	1	091-20534.2	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.1	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
16	1	091-21843	SECOND LAY IN
17	1	091-21822L	FIRST LAY IN WITH WASHER (LEFT HAND SYSTEM)
	1	091-21822R	FIRST LAY IN WITH WASHER (RIGHT HAND SYSTEM)
18	1	091-20575	DUMPER LAY IN
19	1	091-20363	X-BRACE

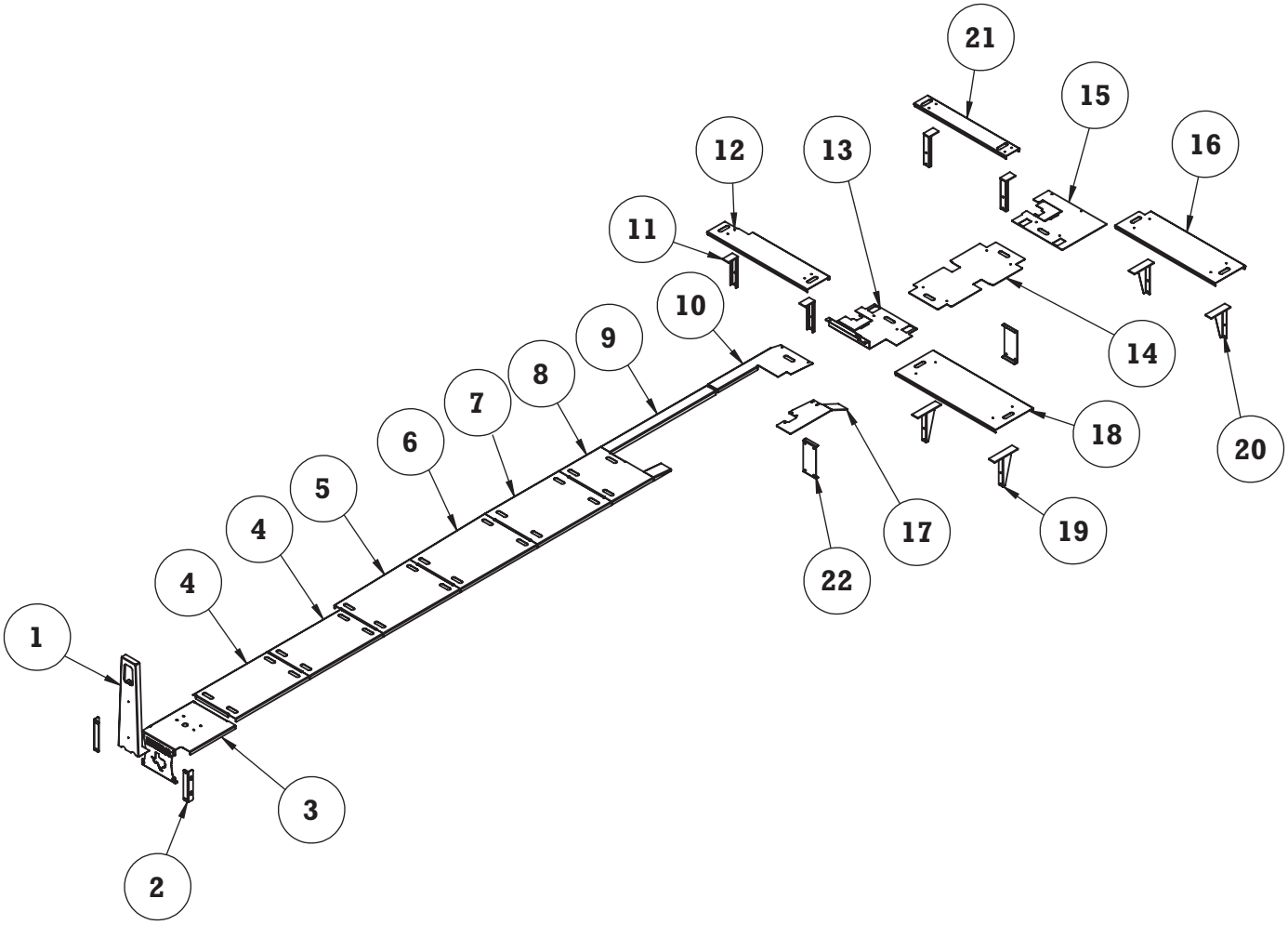
LAY IN KIT FOR SYSTEM WITH DOOR CLOSER (091-21840)



LAY IN KIT FOR SYSTEM WITH DOOR CLOSER (091-21840)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	2	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24756L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24756R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-20587L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20587R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-20588L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20588R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	1	097-20832L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	1	097-20832R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-21845L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21845R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21842L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-21842R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
9	1	091-21831L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21831R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-20510L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-20510R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
10	1	091-20509L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-20509R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
11	4	091-21838	LAY IN MOUNT
12	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
13	1	091-21823L	THIRD LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21823R	THIRD LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
14	1	091-21843	SECOND LAY IN
15	1	091-21834L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21834R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
16	1	091-20577	DUMPER LAY IN
17	1	091-20504L	DOOR RAMP (LEFT HAND SIDE SYSTEM)
	1	091-20504R	DOOR RAMP (RIGHT HAND SIDE SYSTEM)
18	1	091-20576	DUMPER LAY IN
19	2	091-21836	LAY IN MOUNT 1
20	2	091-21837	LAY IN MOUNT 2
21	1	091-20575	BACK DUMPER LAY IN
22	1	091-20363	X-BRACE

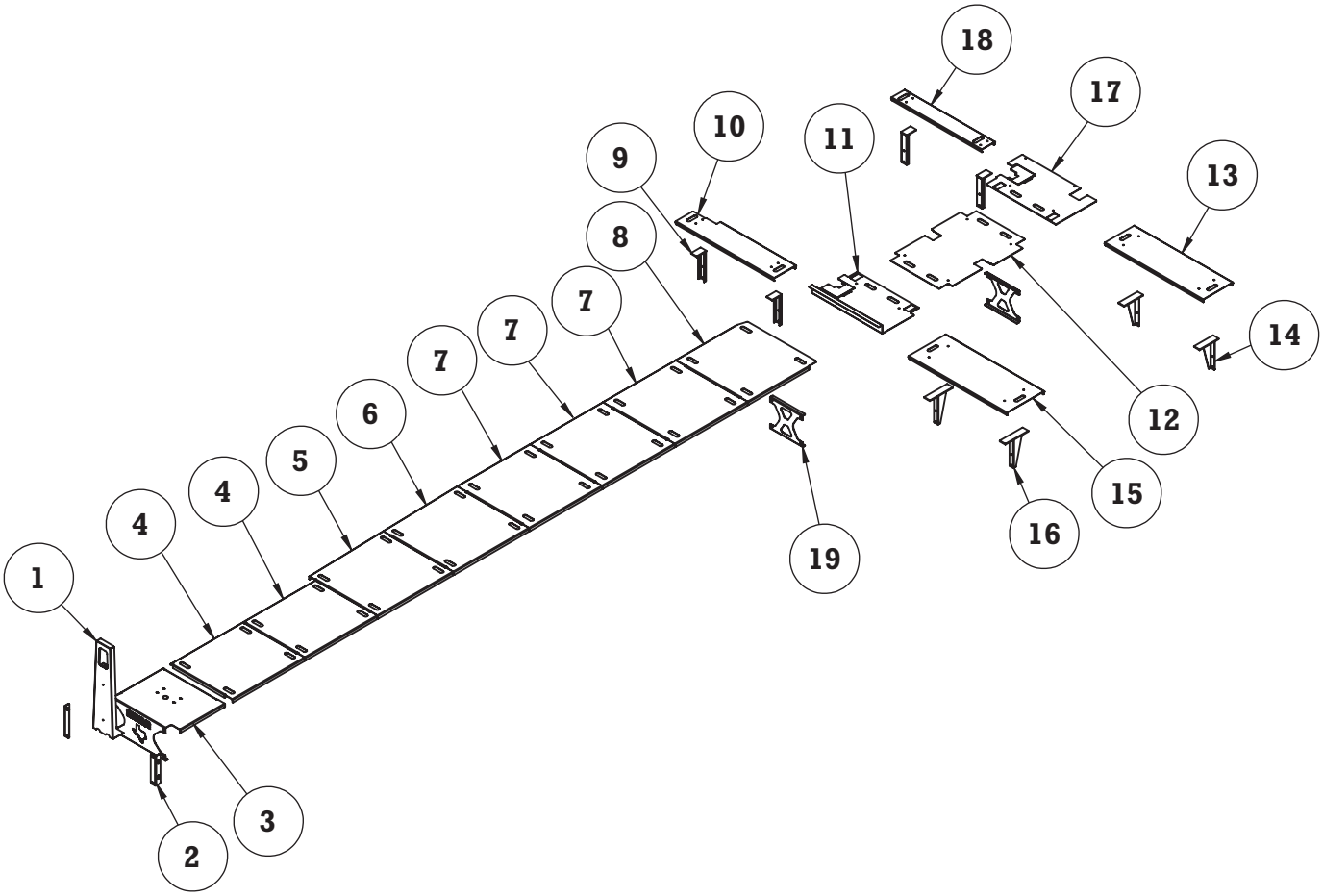
LAY IN KIT FOR NARROW SYSTEM WITH DOOR CLOSER (091-21840-01)



LAY IN KIT FOR NARROW SYSTEM WITH DOOR CLOSER (091-21840-01)

ITEM	1QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	1	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	1	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24759L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24759R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24757L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24757R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-24692L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-24692R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-24693L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-24693R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	1	097-24694L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	1	097-24694R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-24695L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-24695R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-00749L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-00749R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
9	1	091-24697L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-24697R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-00750L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-00750R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
10	1	091-00766L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-00766R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
11	4	091-21838	LAY IN MOUNT
12	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
13	1	091-00764L	THIRD LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-00764R	THIRD LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
14	1	091-00762	SECOND LAY IN
15	1	091-00760L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-00760R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
16	1	091-00758L	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-00758L	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
17	1	091-20504L	DOOR RAMP (LEFT HAND SIDE SYSTEM)
	1	091-20504R	DOOR RAMP (RIGHT HAND SIDE SYSTEM)
18	1	091-20576	DUMPER LAY IN
19	4	091-21836	LAY IN MOUNT 1
20	1	091-21837	LAY IN MOUNT 2
21	1	091-20575	BACK DUMPER LAY IN
22	1	091-20363-01	X-BRACE

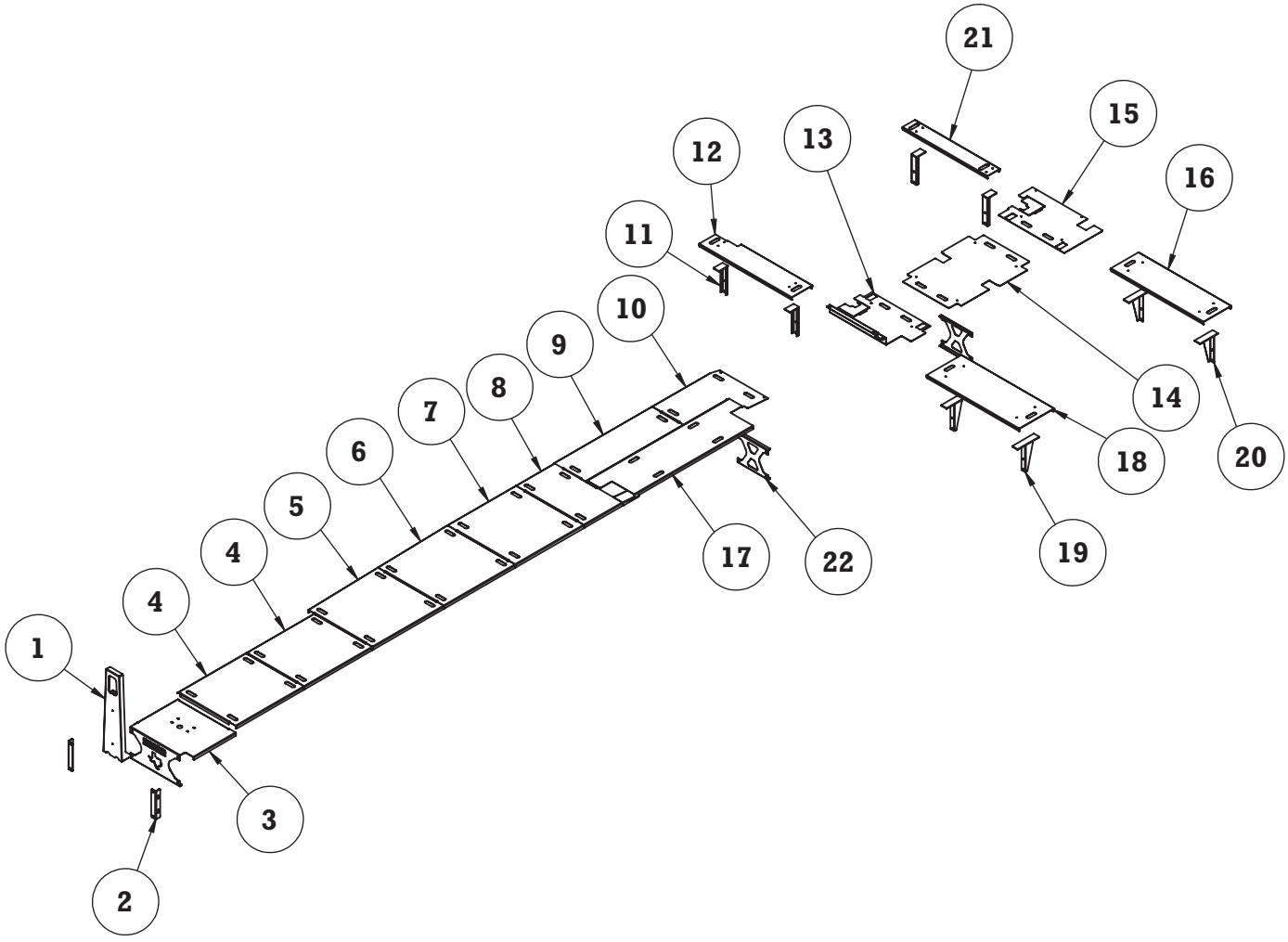
LAY IN KIT WITHOUT DOOR CLOSER (091-21841)



LAY IN KIT WITHOUT DOOR CLOSER (091-21841)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	2	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24756L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24756R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-20587L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20587R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-20588L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20588R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	3	097-20832L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	3	097-20832R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-20589L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-20589R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
9	4	091-21838	LAY IN MOUNT
10	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
11	1	091-21835L	THIRD LAY IN W/O DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-21835R	THIRD LAY IN W/O DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
12	1	091-21843	SECOND LAY IN
13	1	091-20577	DUMPER LAY IN
14	2	091-21837	LAY IN MOUNT 2
15	1	091-20576	DUMPER LAY IN
16	2	091-21836	LAY IN MOUNT 1
17	1	091-21834L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21834R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
18	1	091-20575	BACK DUMPER LAY IN
19	1	091-20363	X-BRACE

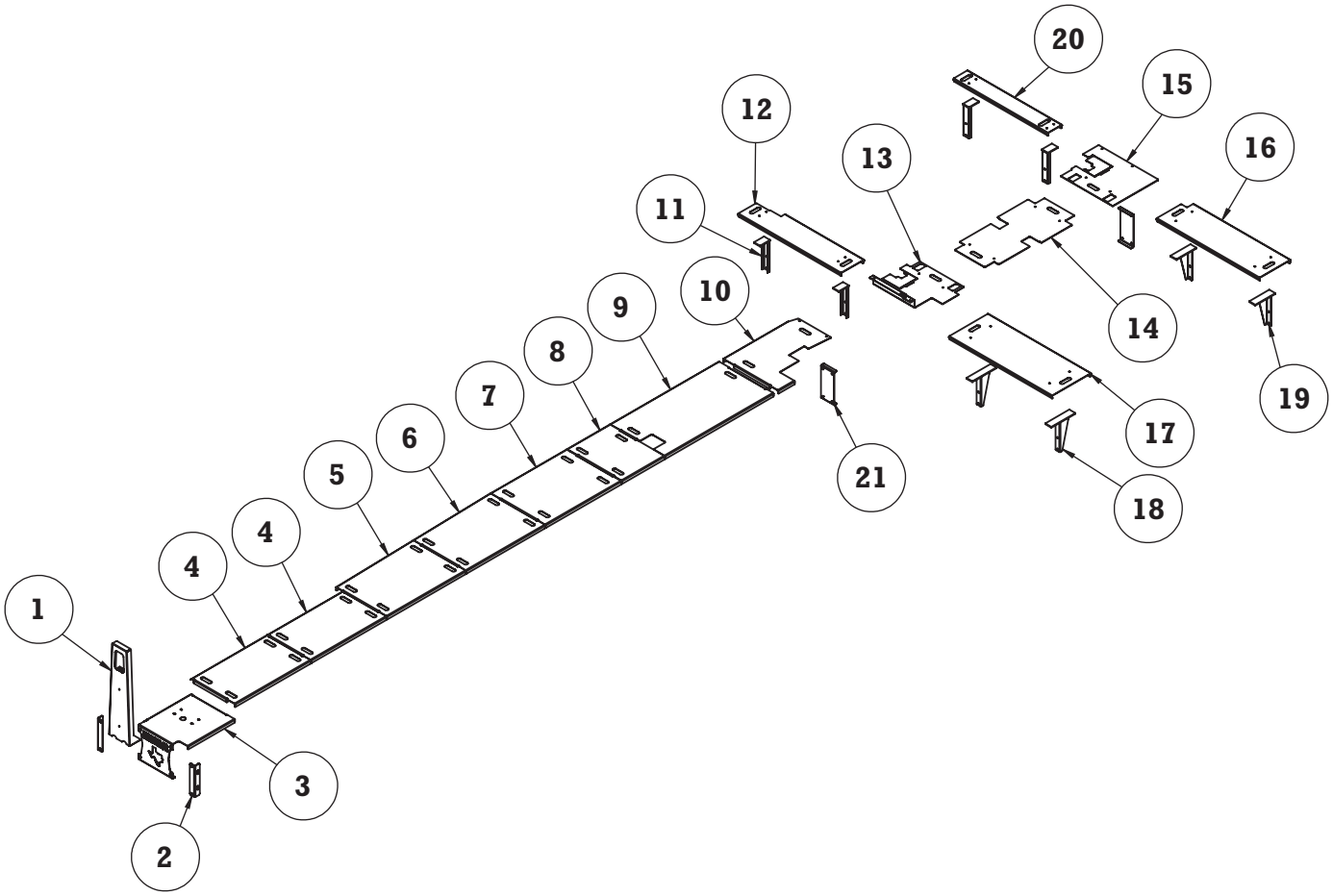
LAY IN KIT WITH FIXED DOOR CLOSER (091-21873)



LAY IN KIT WITH FIXED DOOR CLOSER (091-21873)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	1	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	1	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24756L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24756R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-20587L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20587R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-20588L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20588R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	1	097-20832L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	1	097-20832R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-21845L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21845R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21842L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-21842R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
9	1	091-21831L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-21831R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-20510L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-20510R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
10	1	091-20509L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-20509R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
11	4	091-21838	LAY IN MOUNT
12	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
13	1	091-21823L	THIRD LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21823R	THIRD LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
14	1	091-21843	SECOND LAY IN
15	1	091-21834L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21834R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
16	1	091-20577	DUMPER LAY IN
17	1	091-00690	LAY IN AT DOOR CLOSER
18	1	091-20576	DUMPER LAY IN
19	2	091-21836	LAY IN MOUNT 1
20	2	091-21837	LAY IN MOUNT 2
21	1	091-20575	BACK DUMPER LAY IN
22	1	091-20363	X-BRACE

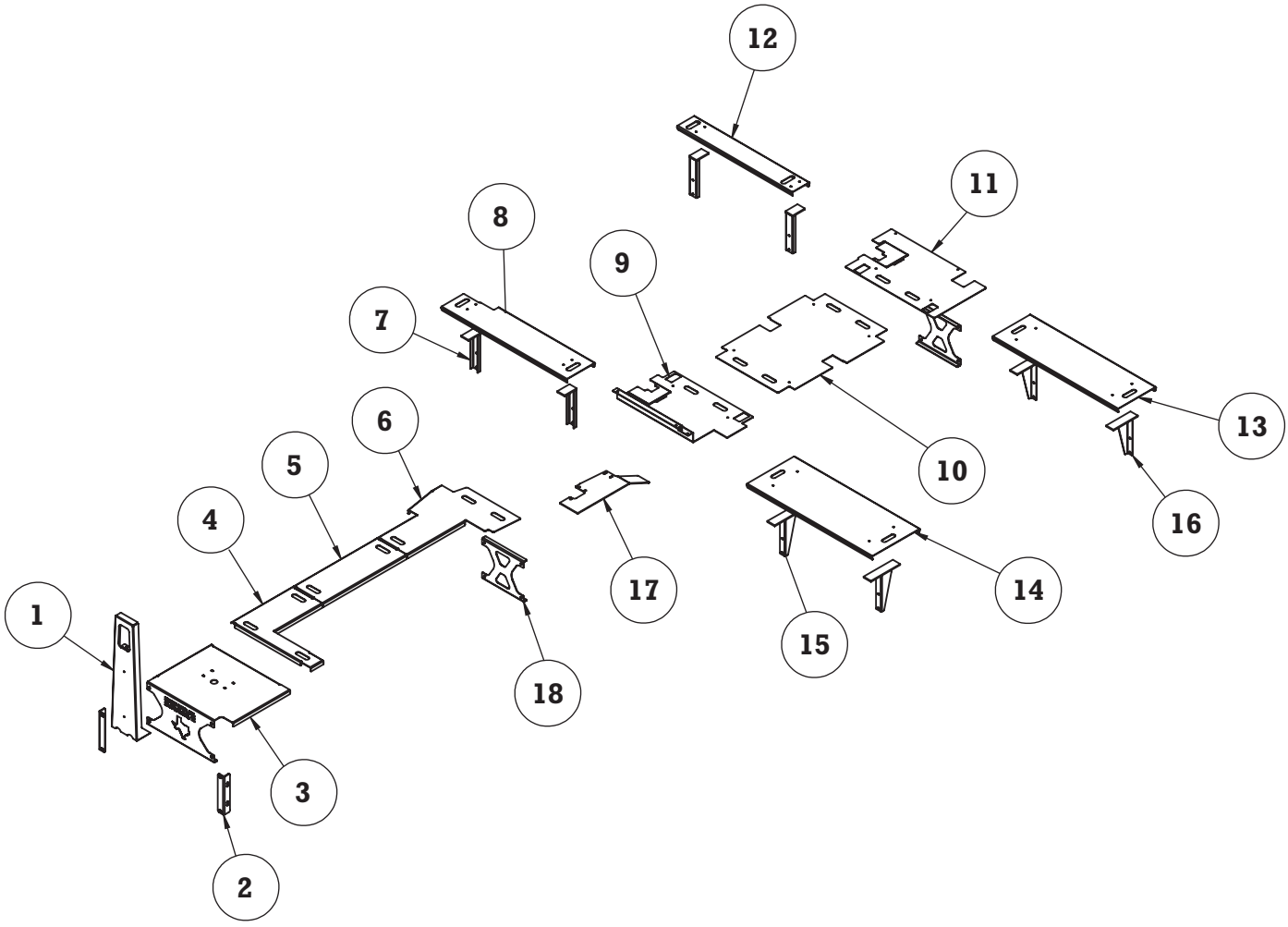
LAY IN KIT FOR NARROW SYSTEM WITH FIXED DOOR CLOSER (091-21873-01)



LAY IN KIT FOR NARROW SYSTEM WITH FIXED DOOR CLOSER (091-21873-01)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	1	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	1	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24759L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24759R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24757L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24757R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-24692L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-24692R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-24693L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-24693R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	1	097-24694L	EXTRA LAY IN FOR EXTENDED CONVEYORS (LEFT HAND SIDE SYSTEM)
	1	097-24694R	EXTRA LAY IN FOR EXTENDED CONVEYORS (RIGHT HAND SIDE SYSTEM)
8	1	091-24696L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-24696R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-00748L	SIXTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-00748R	SIXTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
9	1	091-24698L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-24698R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (EXTENDED CONVEYORS)
	1	091-24699L	FIFTH LAY IN WITH DOOR RAMP (LEFT HAND SIDE SYSTEM) (20' CONVEYORS)
	1	091-24699R	FIFTH LAY IN WITH DOOR RAMP (RIGHT HAND SIDE SYSTEM) (20' CONVEYORS)
10	1	091-24700L	FOURTH LAY IN W/DOOR CLOSER (LEFT HAND SIDE SYSTEM)
	1	091-24700R	FOURTH LAY IN W/DOOR CLOSER (RIGHT HAND SIDE SYSTEM)
11	4	091-21838	LAY IN MOUNT
12	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
13	1	091-00764L	THIRD LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-00764R	THIRD LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
14	1	091-00762	SECOND LAY IN
15	1	091-00760L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-00760R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
16	1	091-00758L	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-00758R	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
17	1	091-20576	DUMPER LAY IN
18	2	091-21836	LAY IN MOUNT 1
19	2	091-21837	LAY IN MOUNT 2
20	1	091-20575	BACK DUMPER LAY IN
21	1	091-20363-01	X-BRACE

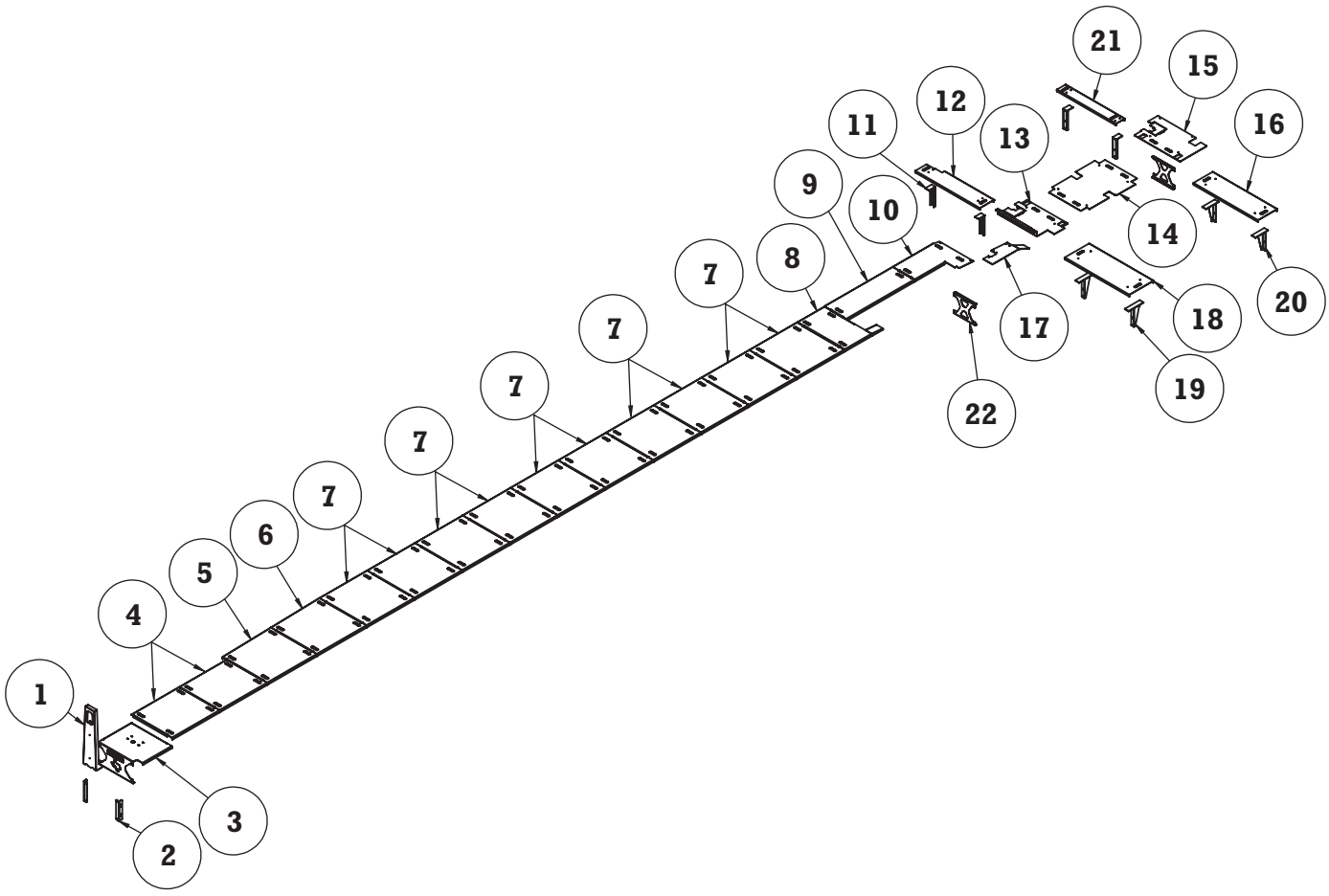
LAY IN KIT W 10' CONVEYORS AND DOOR CLOSER (091-21898)



LAY IN KIT W 10' CONVEYORS AND DOOR CLOSER (091-21898)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369.1	X BRACE SUPPORT (RIGHT SIDE)
	2	091-20369.2	X BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	1	091-00926-03	10' CONVEYOR LAY-IN
5	1	091-00926-01	CONVEYOR LAY IN
6	1	091-00926-02	10' CONVEYOR LAY-IN
7	4	091-21838	LAY IN MOUNT 3
8	1	091-20534.1	DUMPER LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY IN (RIGHT HAND SIDE SYSTEM)
9	1	091-21823L	THIRD LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21823R	THIRD LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
10	1	091-21843	SECOND LAY IN
11	1	091-21834L	FIRST LAY IN W/O WASHER (LEFT HAND SIDE SYSTEM)
	1	091-21834R	FIRST LAY IN W/O WASHER (RIGHT HAND SIDE SYSTEM)
12	1	091-20575	BACK DUMPER LAY-IN
13	1	091-20577	DUMPER LAY-IN
14	1	091-20576	DUMPER LAY-IN
15	2	091-21836	LAY IN MOUNT 1
16	2	091-21837	LAY IN MOUNT 2
17	1	091-20504L	DOOR RAMP (LEFT HAND SIDE SYSTEM)
	1	091-20504R	DOOR RAMP (RIGHT HAND SIDE SYSTEM)
18	2	091-20363	"X" BRACE

LAY-INS WITH DOOR CLOSER – SPECIAL 50' + 47" (091-21899)

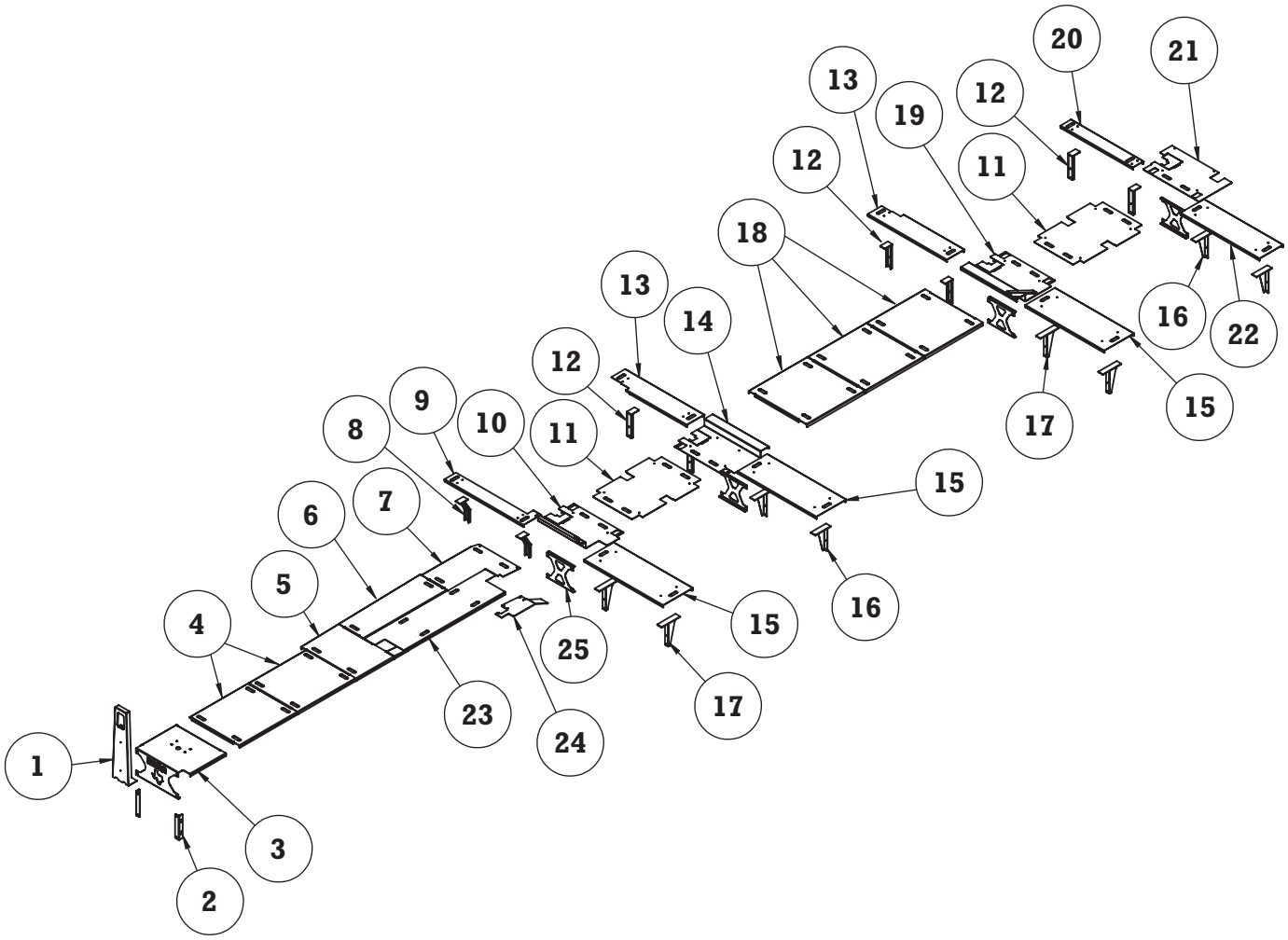


LEFT HAND SYSTEM SHOWN
RIGHT HAND SYSTEM OPPOSITE

LAY-INS WITH DOOR CLOSER – SPECIAL 50' + 47" (091-21899)

ITEM	QTY.	PART NUMBERS	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369.1	X-BRACE SUPPORT (RIGHT SIDE)
	2	091-20369.2	X-BRACE SUPPORT (LEFT SIDE)
3	1	091-24758L	GATE STOP LAY IN X-MEMBER (LEFT HAND SIDE SYSTEM)
	1	091-24758R	GATE STOP LAY IN X-MEMBER (RIGHT HAND SIDE SYSTEM)
4	2	091-24756L	END CONVEYOR LAY IN (LEFT HAND SIDE SYSTEM)
	2	091-24756R	END CONVEYOR LAY IN (RIGHT HAND SIDE SYSTEM)
5	1	091-20587L	SECOND TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20587R	SECOND TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
6	1	091-20588L	FIRST TAPERED LAY IN (LEFT HAND SIDE SYSTEM)
	1	091-20588R	FIRST TAPERED LAY IN (RIGHT HAND SIDE SYSTEM)
7	10	091-20832L	EXTRA LAY IN FOR EXTENDED CONVEYOR (LEFT HAND SIDE SYSTEM)
	10	091-20832R	EXTRA LAY IN FOR EXTENDED CONVEYOR (RIGHT HAND SIDE SYSTEM)
8	1	091-21845L	SIXTH LAY IN WITH RAMP FOR EXTENDED CONVEYOR (LEFT HAND SIDE SYSTEM)
	1	091-21845R	SIXTH LAY IN WITH RAMP FOR EXTENDED CONVEYOR (RIGHT HAND SIDE SYSTEM)
9	1	091-20831L	FIFTH LAY-IN FOR EXTENDED CONVEYOR (LEFT HAND SIDE SYSTEM)
	1	091-20831R	FIFTH LAY-IN FOR EXTENDED CONVEYOR (RIGHT HAND SIDE SYSTEM)
10	1	091-20509L	FOURTH LAY-IN (LEFT HAND SIDE SYSTEM)
	1	091-20509R	FOURTH LAY-IN (RIGHT HAND SIDE SYSTEM)
11	4	091-21838	LAY IN MOUNT 3
12	1	091-20534.1	DUMPER LAY-IN (LEFT HAND SIDE SYSTEM)
	1	091-20534.2	DUMPER LAY-IN (RIGHT HAND SIDE SYSTEM)
13	1	091-21823L	THIRD LAY-IN WO WASHER WELDMENT (LEFT HAND SIDE SYSTEM)
	1	091-21823R	THIRD LAY-IN WO WASHER WELDMENT (RIGHT HAND SIDE SYSTEM)
14	1	091-21843	SECOND LAY IN
15	1	091-21834L	FIRST LAY-IN WO WASHER WELDMENT (LEFT HAND SIDE SYSTEM)
	1	091-21834R	FIRST LAY-IN WO WASHER WELDMENT (RIGHT HAND SIDE SYSTEM)
16	1	091-20577	DUMPER LAY-IN
17	1	091-20504L	BOTTOM DOOR RAMP (LEFT HAND SIDE SYSTEM)
	1	091-20504R	BOTTOM DOOR RAMP (RIGHT HAND SIDE SYSTEM)
18	1	091-20576	DUMPER LAY-IN
19	2	091-21836	LAY IN MOUNT 1
20	2	091-21837	LAY IN MOUNT 2
21	1	091-20575	BACK DUMPER LAY-IN
22	2	091-20363	"X" BRACE

LAY IN KIT FOR DOUBLE DUMPER (091-30076 LAYINS)



LAY IN KIT FOR DOUBLE DUMPER (091-30076 LAYINS)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24755	GATE STOP, END OF CONVEYORS
2	2	091-20369	X-BRACE SUPPORT
3	1	091-24758L	GATE STOP LAY IN X-MEMBER
4	2	091-24756	END CONVEYOR LAY IN
5	1	091-21842L	SIXTH LAY IN WITH DOOR RAMP
6	1	091-20510L	FIFTH LAY-IN
7	1	091-20509L	FOURTH LAY-IN
8	2	091-01038	ANGLED LAY-IN SUPPORT
9	1	091-01038-02L	DUMPER LAY-IN FOR CAGE STOP
10	1	091-21823L	THIRD LAY-IN WO WASHER WELDMENT
11	2	091-21843	SECOND LAY IN
12	6	091-21838	LAY IN MOUNT 3
13	2	091-20534.2	DUMPER LAY-IN
14	1	091-01043NR	THIRD LAY-IN WO WASHER
15	3	091-20576	DUMPER LAY-IN
16	4	091-21837	LAY IN MOUNT 2
17	4	091-21836	LAY IN MOUNT 1
18	3	091-20832L	EXTRA LAY IN FOR EXTENDED CONVEYOR
19	1	091-01043L	LAY-IN WO WASHER
20	1	091-20575	BACK DUMPER LAY-IN
21	1	091-21834L	FIRST LAY-IN WO WASHER WELDMT
22	1	091-20577	DUMPER LAY-IN
23	1	091-00690	LAY-IN
24	1	091-20504-1L	BOTTOM DOOR RAMP
25	4	091-20363	“X” BRACE

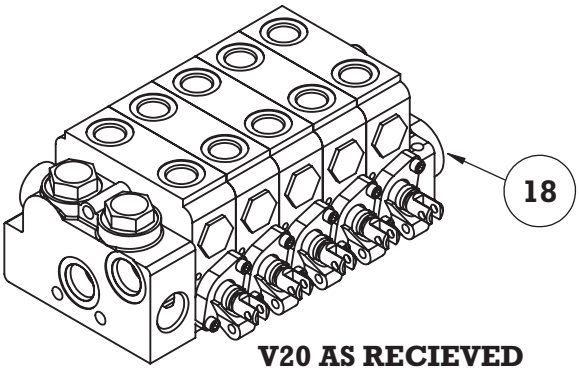
SECTION #10

HYDRAULIC COMPONENTS

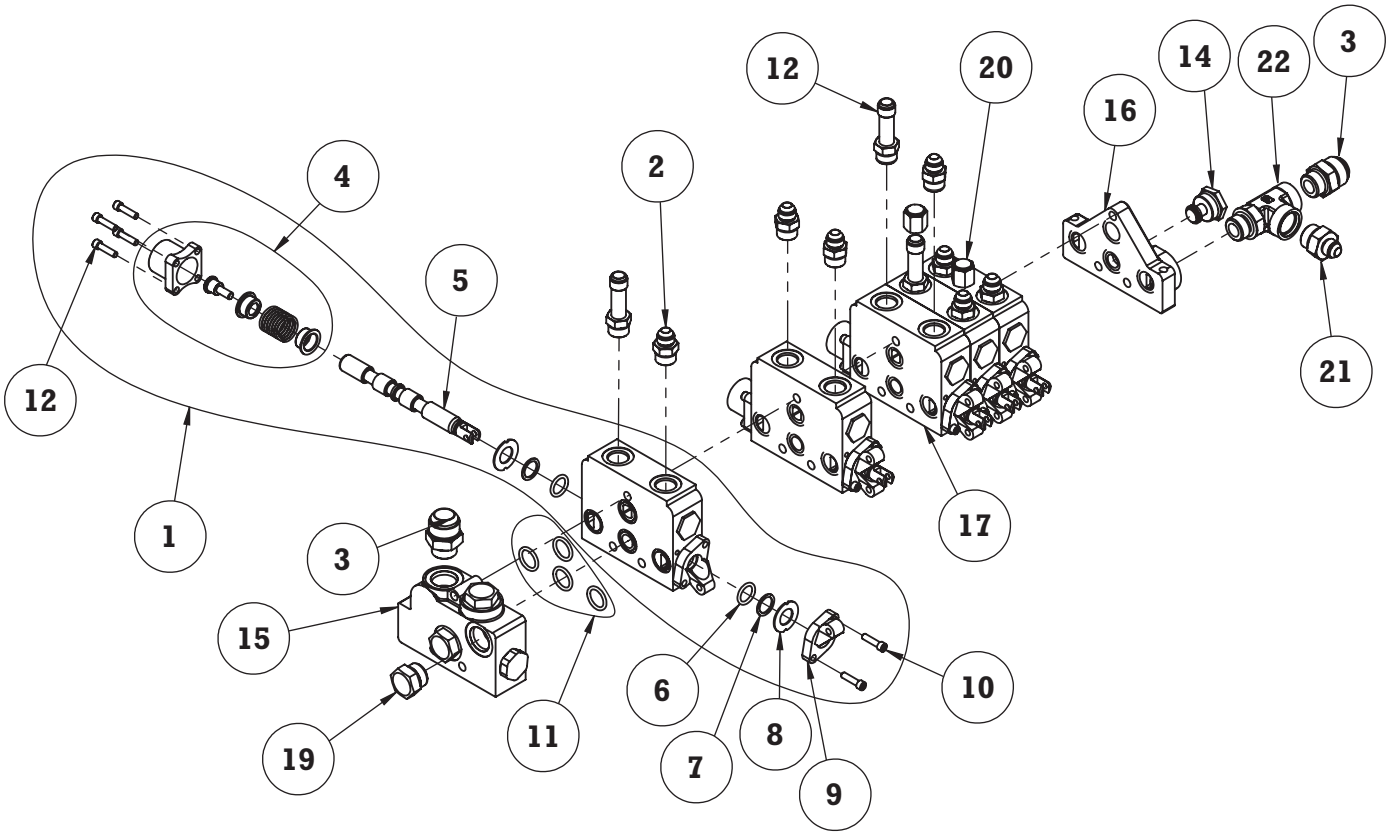
CONTENTS

HYDRAULIC CONTROL VALVE (091-23119) (5 SECTIONS ASSEMBLY) 10-2
STANDARD MANIFOLD ASSEMBLY WITH EXPLOSION PROOF VALVES (2017 AND LATER) (091-23130) 10-4
VALVE & BLOCK ASSEMBLY (DOOR CLOSER; TRANSFER CHAIN LIFT; SAFETY ARM) (091-23131) 10-6
VALVE AND BLOCK ASSEMBLY (TRANSFER CHAIN FORWARD / REVERSE) (091-23132) 10-8
VALVE & BLOCK ASSEMBLY (SHUTDOWN VALVE (5 SECTION / BELTS) (091-23133) 10-10
VALVE & BLOCK ASSEMBLY (OUTGOING ROLLER STOP) (091-23134) 10-12
BALL VALVE AND PIPE ASSEMBLY (091-23903-01) 10-14
STANDARD HYDRAULIC DOOR CLOSER CIRCUIT 10-16
STANDARD INCOMING ROLLERS CIRCUIT 10-18
STANDARD OUTGOING ROLLERS CIRCUIT 10-20
STANDARD SAFETY ARM CIRCUIT 10-22
STANDARD CRADLE TILT CIRCUIT 10-24
STANDARD TRANSFER CHAIN CIRCUIT 10-26
STANDARD RECEIVING AND HANGING CIRCUIT 10-28
2 SECTION VALVE ASSEMBLY - HANGING BELT (091-23167) 10-30
ANTI-SHAKE SYSTEM ASSEMBLY (091-23121A) 10-32
HYD SLIDES CIRCUIT - 2019 10-34
STANDARD CRADLE TILT CIRCUIT - JUNE 2021 10-36

HYDRAULIC CONTROL VALVE (091-23119) (5 SECTIONS ASSEMBLY)



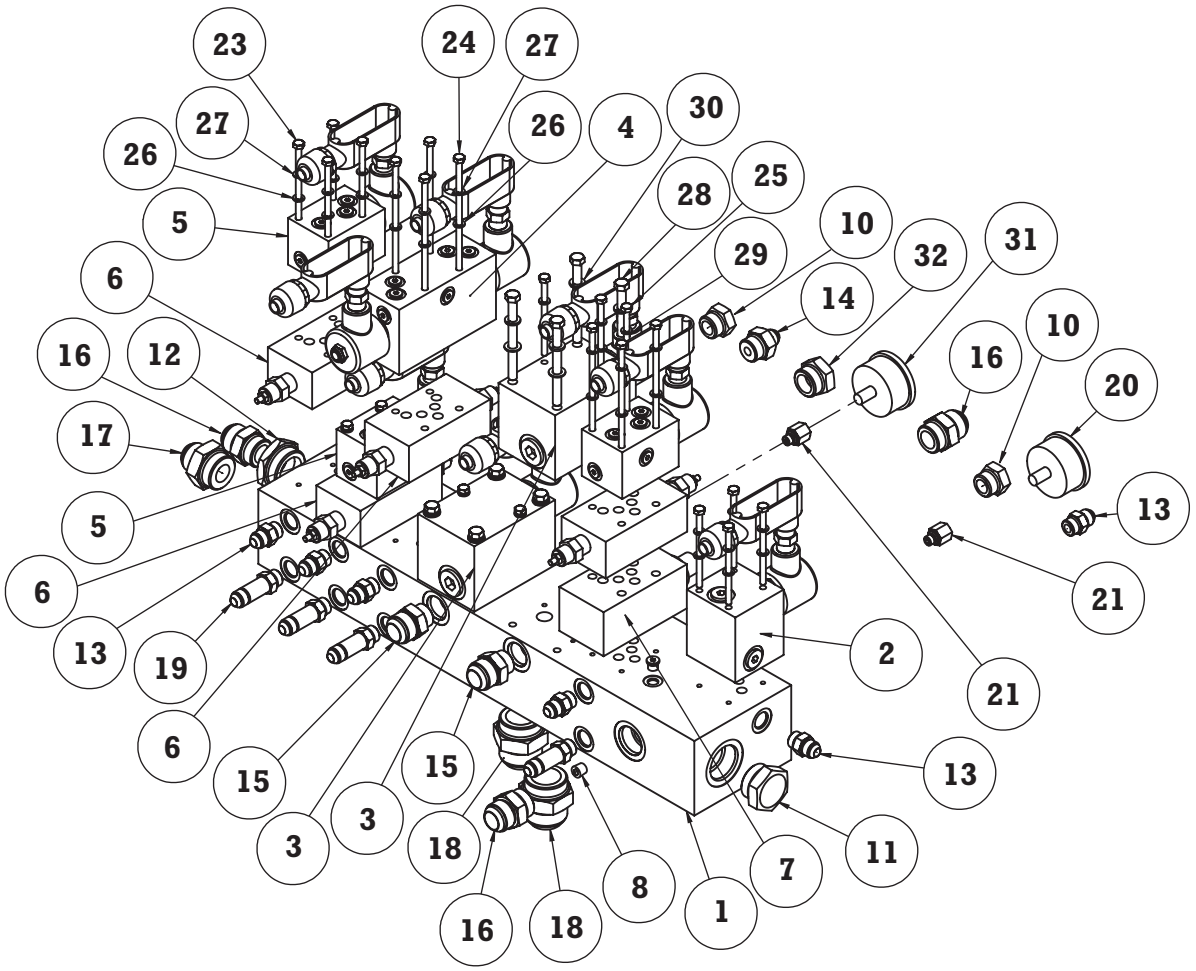
V20 AS RECIEVED
(NO FITTINGS)
810-00080

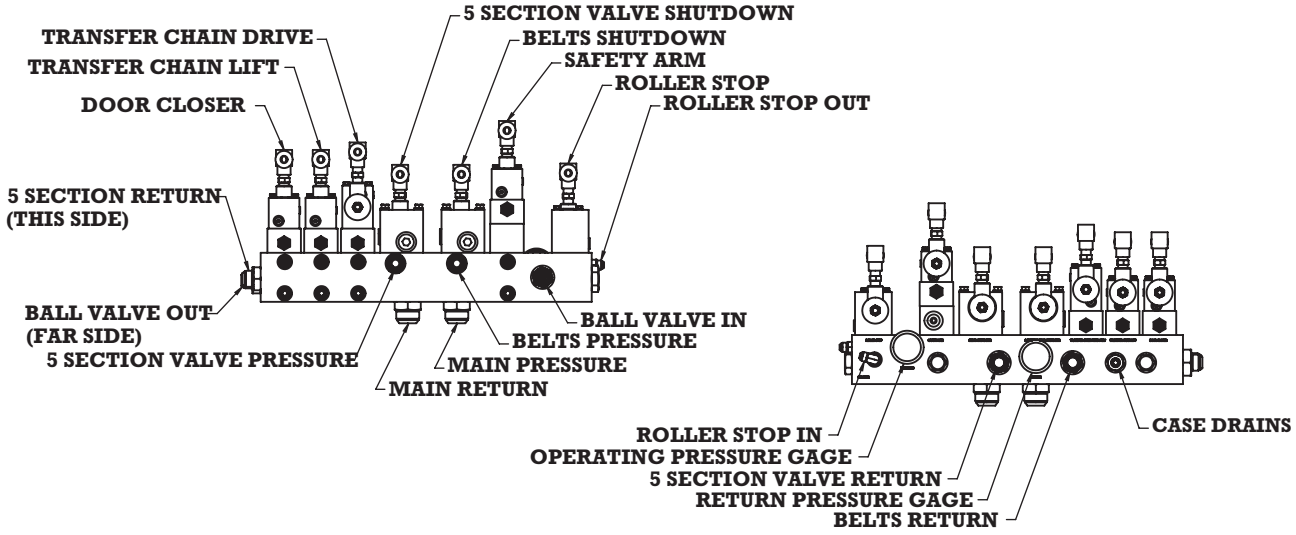


HYDRAULIC CONTROL VALVE (091-23119) (5 SECTIONS ASSEMBLY)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	–	810-00013	V20 WORK SECTION (3 POSITION, 4 WAY)
		630-00015	COMPLETE SEAL KIT FOR WORK SECTION
2	7	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE
3	2	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE
4	–	810-00128	END CUP WITH SPOOL POSITIONER
5	–	–	VALVE SPOOL
6	–	–	SPOOL O-RING
7	–	–	BACK-UP RING
–	1	630-00017	SPOOL SEAL KIT (INCLUDES 2 EACH OF ITEMS #6 & #7
8	–	–	WASHER
9	–	810-00062	HANDLE BRACKET
10	–	–	1/4-20 X 7/8 LG SOCKET HEAD CAP SCREW
11	–	630-00018	SEAL KIT
12	3	330-00772	LONG STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE
13	–	810-00136	BOLT KIT FOR FIVE SECTION V20 (NOT SHOWN)
14	–	810-00143	OUTLET COVER CENTER PLUG
15	–	810-00110	INLET COVER (20-LC-12)
16	–	810-00111	OUTLET COVER (20-RC-12-E-MY)
17	–	810-00014	V20 WORK SECTION WITH MOTOR SPOOL FOR CRADLE TILT
18	1	810-00080	COMPLETE 5 SECTION V20 AS SHIPPED (NO FITTINGS)
19	3	330-00049	HEX HEAD PLUG SAE #12
20	2	330-00150	CAP, FEMALE HYDRAULIC JIC #8
21	1	330-00039	STRAIGHT ADAPTER SAE #12 MALE X JIC #8 MALE
22	1	330-00782	RUN TEE SAE #12

STANDARD MANIFOLD ASSEMBLY WITH EXPLOSION PROOF VALVES (2017 AND LATER) (091-23130)

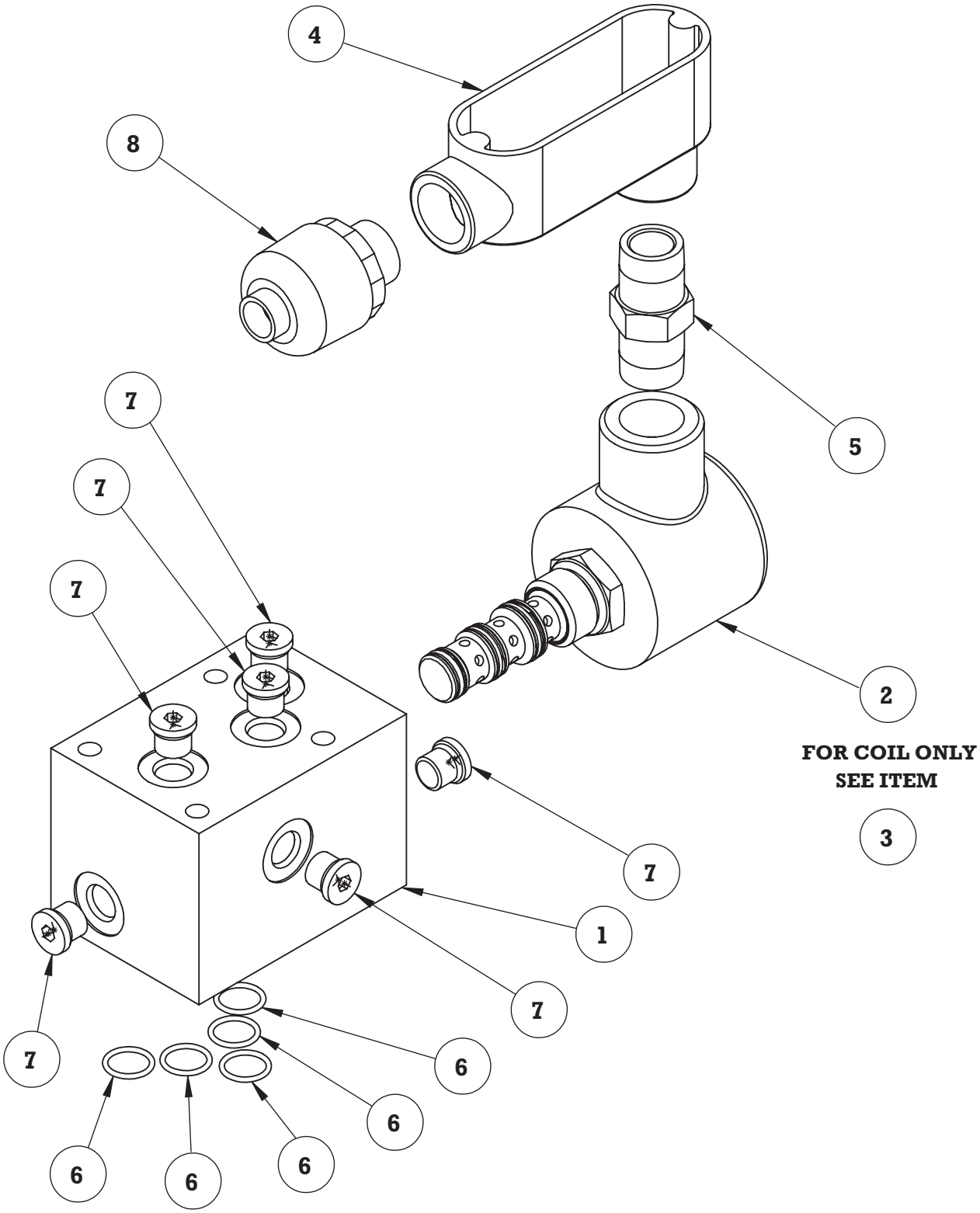




STANDARD MANIFOLD ASSEMBLY WITH EXPLOSION PROOF VALVES (2017 AND LATER) (091-23130)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24369	STD UNLOADING SYS. MANIFOLD FOR ISOLATOR BALL VALVE AND EXPLOSION PROOF VALVES
2	1	091-23134	VALVE & BLOCK ASSEMBLY (OUTGOING ROLLER STOP)
3	2	091-23133	VALVE & BLOCK ASSEMBLY (SHUTDOWN VALVE (5 SECTION / BELTS)
4	1	091-23132	VALVE & BLOCK ASSEMBLY (TRANSFER CHAIN FORWARD / REVERSE)
5	3	091-23131	VALVE & BLOCK ASSEMBLY (DOOR CLOSER; TRANSFER CHAIN LIFT; SAFETY ARM)
6	4	810-00192	VICKERS FLOW CONTROL VALVE DGMFN-5-Y-A2W-B2W-30
7	1	810-00227	VICKERS PRESSURE REDUCING VALVE DGMX2-5-PP-AW-S-30
8	1	091-20665	1/32" ORIFICE FOR MANIFOLD
9	1	330-00669-1	SAE# 4 HOLLOW HEX PLUG FF2138-04
10	2	330-00049	HEX HEAD PLUG SAE #12
11	1	330-00050	HEX HEAD PLUG SAE #20 900598-20
12	1	330-00383	REDUCER - SAE 24-16 (ORB-ORB)
13	6	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE 6400-08
14	1	330-00039	STRAIGHT ADAPTER SAE #12 MALE X JIC #8 MALE 202702-12-8
15	2	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE
16	3	330-00237	STRAIGHT ADAPTOR SAE #16 MALE X JIC #16 MALE 6400-16
17	1	330-00810	STRAIGHT THREAD CONNECTOR (20SAE TO 16 JIC) 202702-20-16
18	2	330-00041	STRAIGHT CONNECTOR (24-24)
19	4	330-00666	LONG STRAIGHT CONNECTOR (08-08)
20	1	290-00020	PRESSURE GAUGE 3000 PSI
21	2	330-00811	SAE-ORB MALE TO FEMALE NPT ADAPTER
22	8	210-00051	SCREW CAP HEX HD NC GR 8, 1/4 X 4
23	8	210-00883	SCREW CAP HEX HD NC GR 8, 1/4 X 5
24	4	210-00614	SCREW CAP HEX HD NC GR 8, 1/4 X 6
25	4	210-00884	SCREW CAP HEX HD NC GR 8, 1/4 X 7 1/2
26	24	210-00705	1/4" FLATWASHER HARDENED 1/4
27	24	210-00461	LOCKWASHER 1/4
28	8	210-00888	SCREW CAP HEX HD NC GR 8 3/8 X 4-1/4
29	8	210-00300	3/8" FLATWASHER HARDENED 3/8
30	8	210-00284	3/8 LOCKWASHER 3/8
31	1	290-00020-01	PRESSURE GAUGE 300 PSI
32	1	330-00049.1	HEX HEAD PLUG SAE #16

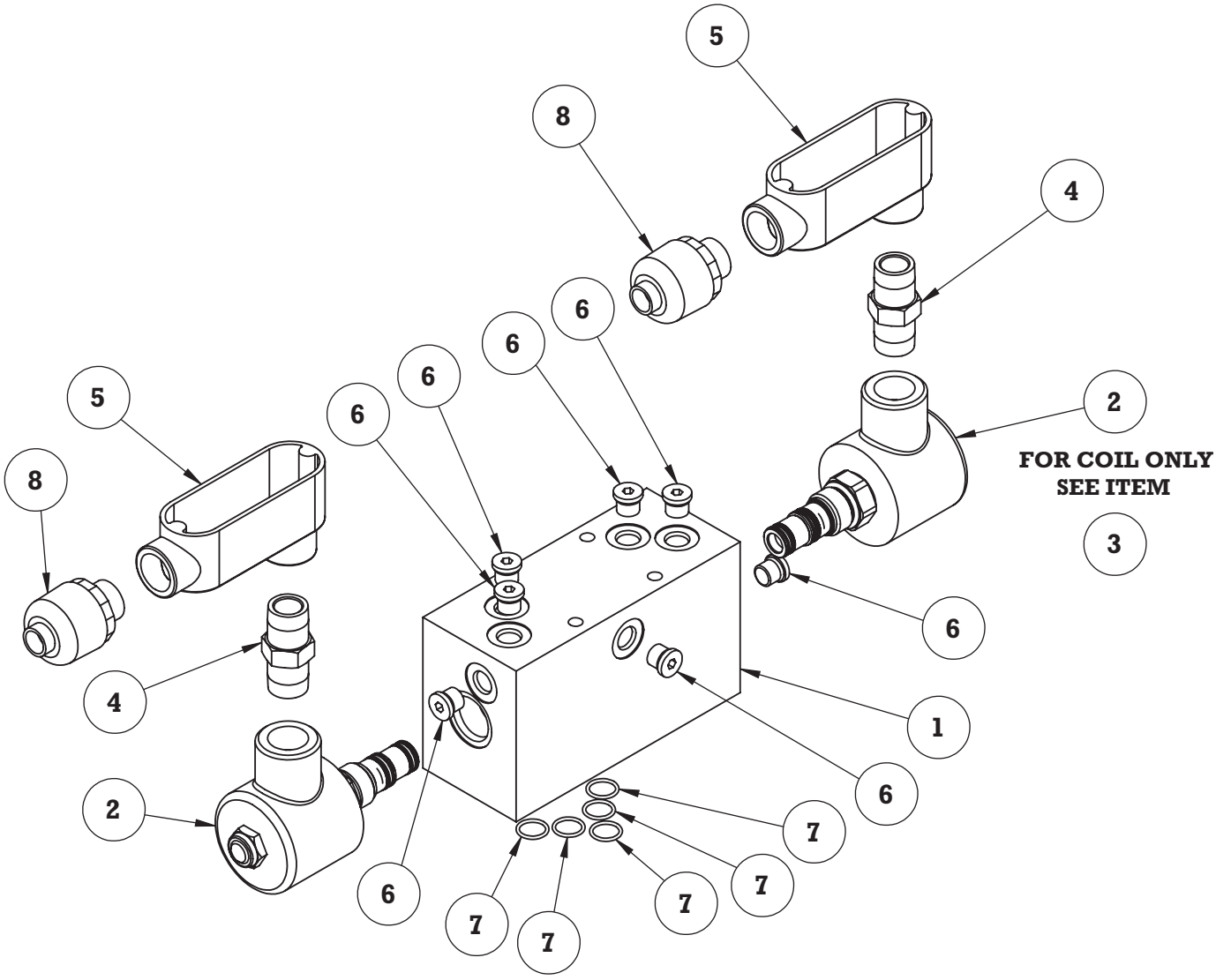
VALVE & BLOCK ASSEMBLY (DOOR CLOSER; TRANSFER CHAIN LIFT; SAFETY ARM) (091-23131)



VALVE & BLOCK ASSEMBLY (DOOR CLOSER; TRANSFER CHAIN LIFT; SAFETY ARM) (091-23131)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24337	SANDWICH BLOCK (D05) FOR CARTRIDGE (C-10-4)
2	1	091-24339	EXPLOSION PROOF CARTRIDGE VALVE (C-10-4)
3	REF	091-24340	COIL FOR CARTRIDGE VALVE
4	1	190-00230	1/2" LB W COVER AND GASKET
5	1	330-00004	1/2" X 1/2" NPT NIPPLE
6	5	091-24342	O-RING AS-568-014
7	6	330-00669-1	SAE# 4 HOLLOW HEX PLUG
8	1	190-00706	PLASTIC SEALTITE STRAIGHT CONNECTOR

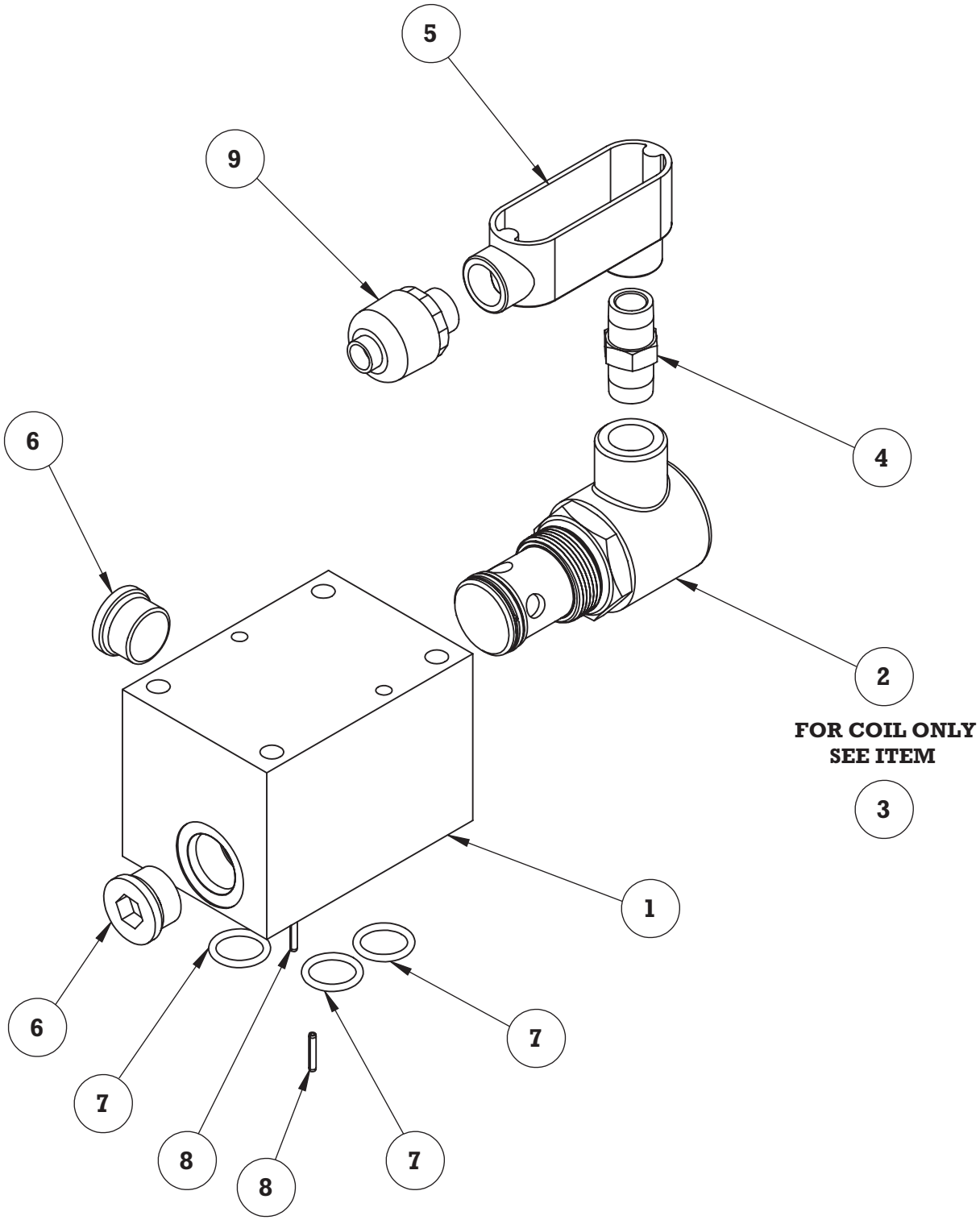
VALVE AND BLOCK ASSEMBLY (TRANSFER CHAIN FORWARD / REVERSE) (091-23132)



VALVE AND BLOCK ASSEMBLY (TRANSFER CHAIN FORWARD / REVERSE) (091-23132)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24358	SANDWICH BLOCK (D05) FOR 2 X CARTRIDGES (C-10-3)
2	2	091-24359	EXPLOSION PROOF VALVE (C-10-3)
3	REF	091-24340	COIL FOR CARTRIDGE VALVE
4	2	330-00004	1/2" X 1/2" NPT NIPPLE
5	2	190-00230	1/2" LB W COVER AND GASKET
6	7	330-00669-1	SAE# 4 HOLLOW HEX PLUG
7	5	091-24342	O-RING AS-568-014
8	2	190-00706	PLASTIC SEALTITE STRAIGHT CONNECTOR

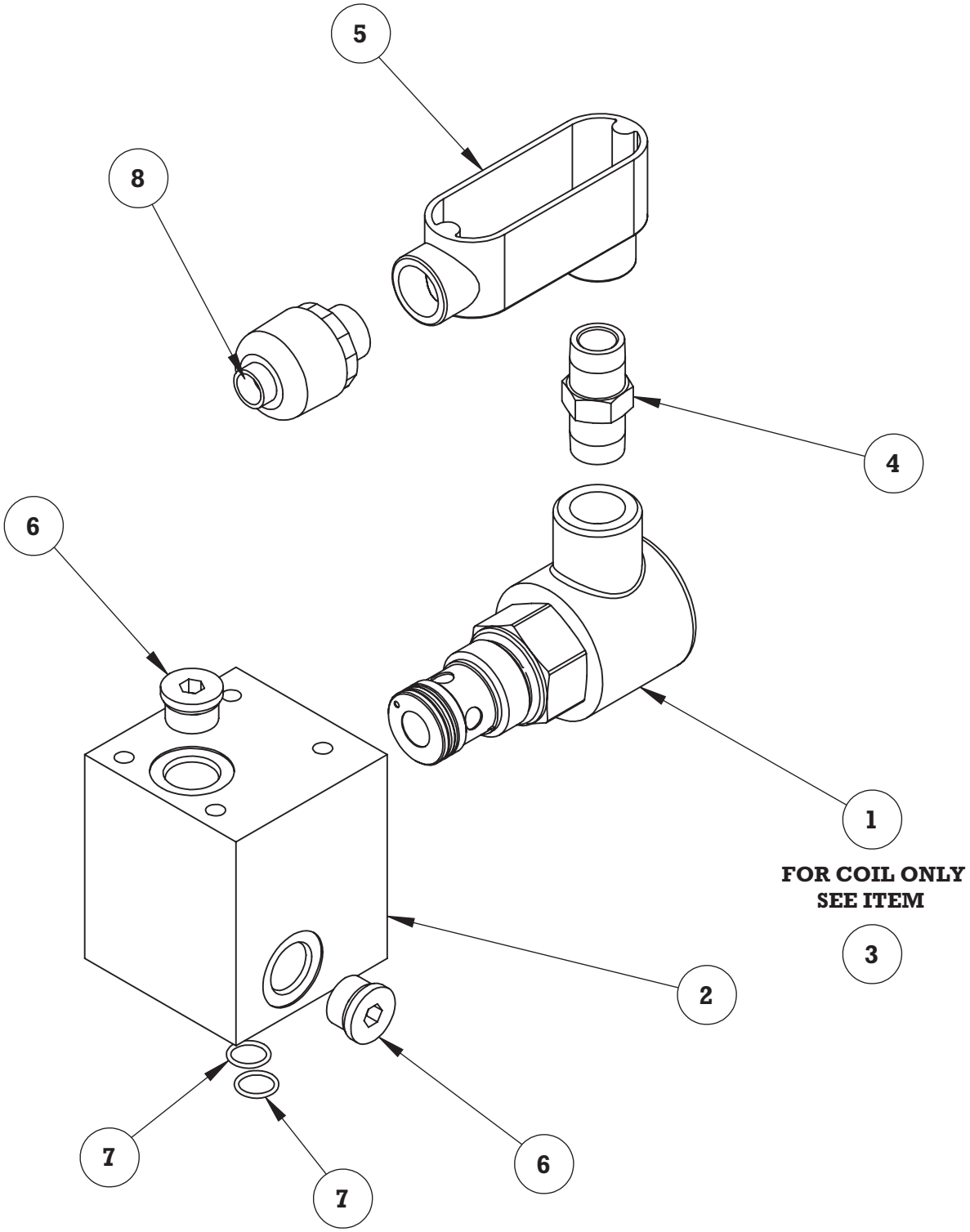
VALVE & BLOCK ASSEMBLY (SHUTDOWN VALVE (5 SECTION / BELTS) (091-23133)



VALVE & BLOCK ASSEMBLY (SHUTDOWN VALVE (5 SECTION / BELTS) (091-23133)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24336	SANDWICH BLOCK (D07) FOR CARTRIDGE (C-20-2)
2	1	091-24338	EXPLOSION PROOF CARTRIDGE VALVE (C-20-2)
3	REF	091-24340	COIL FOR CARTRIDGE VALVE
4	1	330-00004	1/2" X 1/2" NPT NIPPLE
5	1	190-00230	1/2" LB W COVER AND GASKET
6	2	330-00669-2	SAE #12 HOLLOW HEX PLUG
7	3	091-24341	O-RING AS-568-211
8	2	850-00880-08	ROLL PIN 1/8 X 3/4
9	1	190-00706	PLASTIC SEALTITE STRAIGHT CONNECTOR

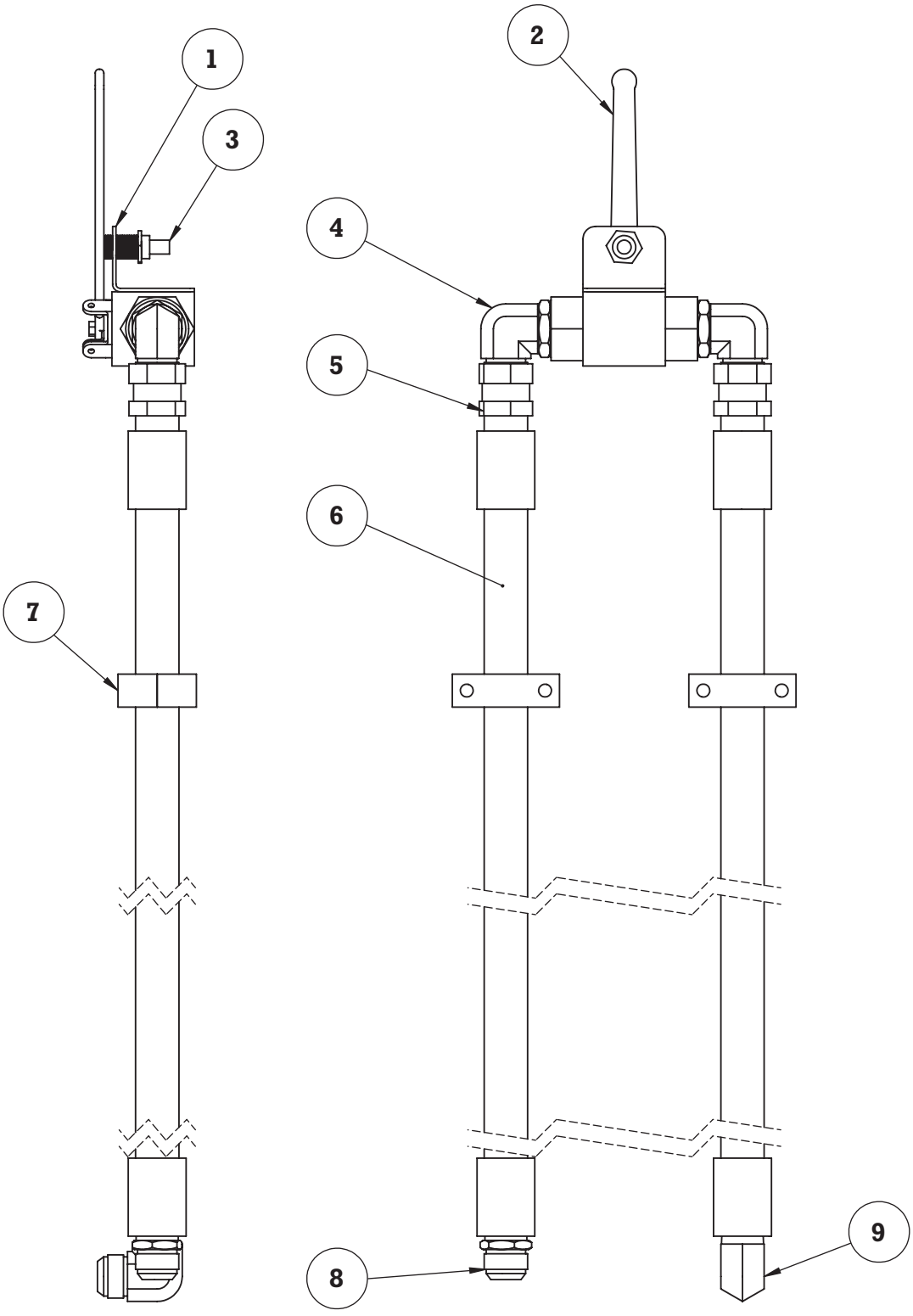
VALVE & BLOCK ASSEMBLY (OUTGOING ROLLER STOP) (091-23134)



VALVE & BLOCK ASSEMBLY (OUTGOING ROLLER STOP) (091-23134)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24361	EXPLOSION PROOF CARTRIDGE VALVE (C-16-2)
2	1	091-24360	SANDWICH BLOCK (D05) FOR CARTRIDGE (C-16-2)
3	REF	091-24340	COIL FOR CARTRIDGE VALVE
4	1	330-00004	1/2" X 1/2" NPT NIPPLE
5	1	190-00230	1/2" LB W COVER AND GASKET
6	2	330-00669-3	SAE #8 PLUG
7	2	091-24342	O-RING AS-568-014
8	1	190-00706	PLASTIC SEALTITE STRAIGHT CONNECTOR

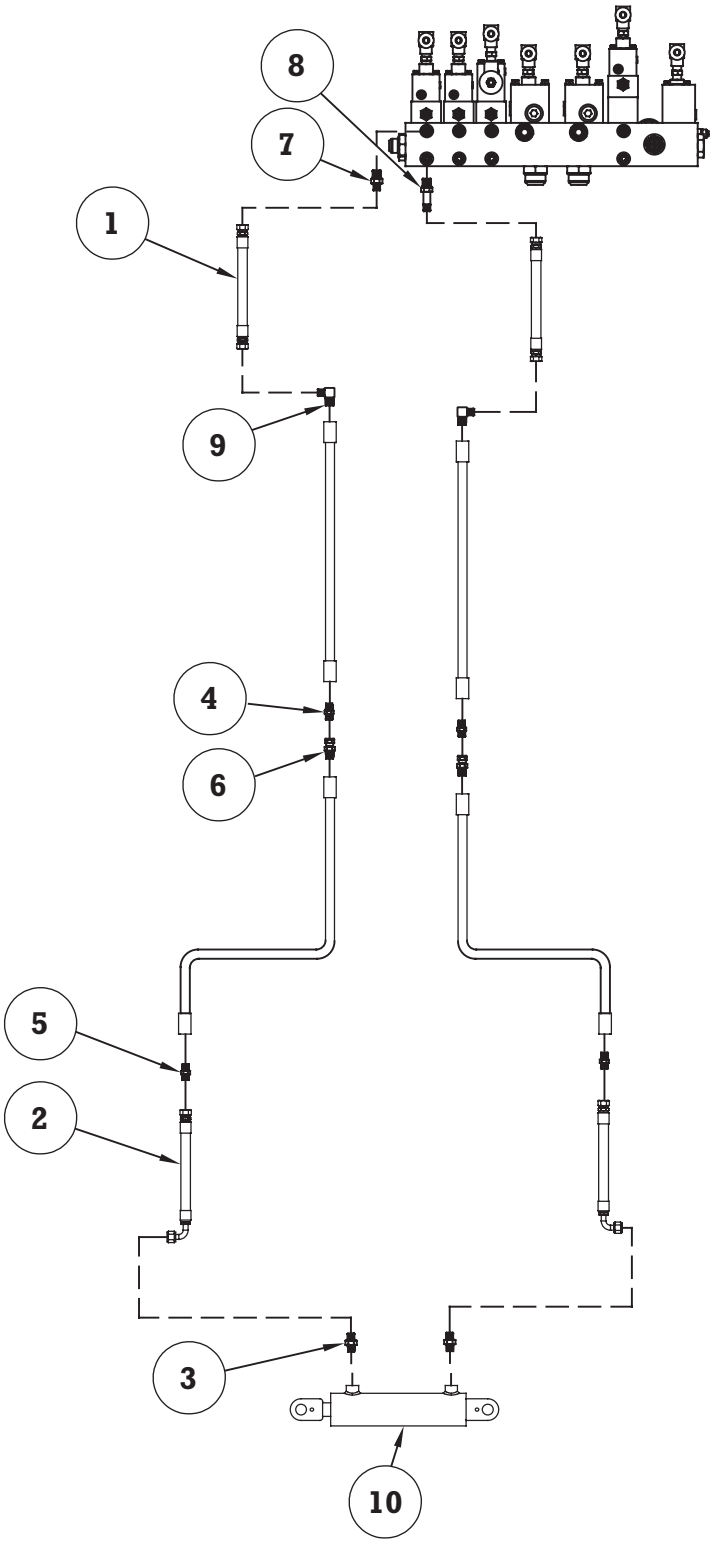
BALL VALVE AND PIPE ASSEMBLY (091-23903-01)



BALL VALVE AND PIPE ASSEMBLY (091-23903-01)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-24365	BALL VALVE SENSOR SUPPORT
2	1	091-24362	VALVE, BALL 1" MODIFIED W/1/4 TAP
3	1	091-20352	PROXIMITY SENSOR 18MM 24V
4	2	330-00111	90 DEGREE ADAPTER SAE #16 MALE X JIC #16 MALE
5	2	330-00769	STRAIGHT ADAPTOR (1" MALE NPT - 16 JIC SWIVEL)
6	2	091-23129	1" PIPE FOR BALL VALVE
7	8	091-24364	UHMW PIPE CLAMP
8	1	330-00012	STRAIGHT ADAPTOR (MALE 1" NPT - 16 JIC)
9	1	330-00087	ELBOW, MALE 90 DEG MALE PIPE - MALE 37 DEG. FLARE (HYDRAULIC)

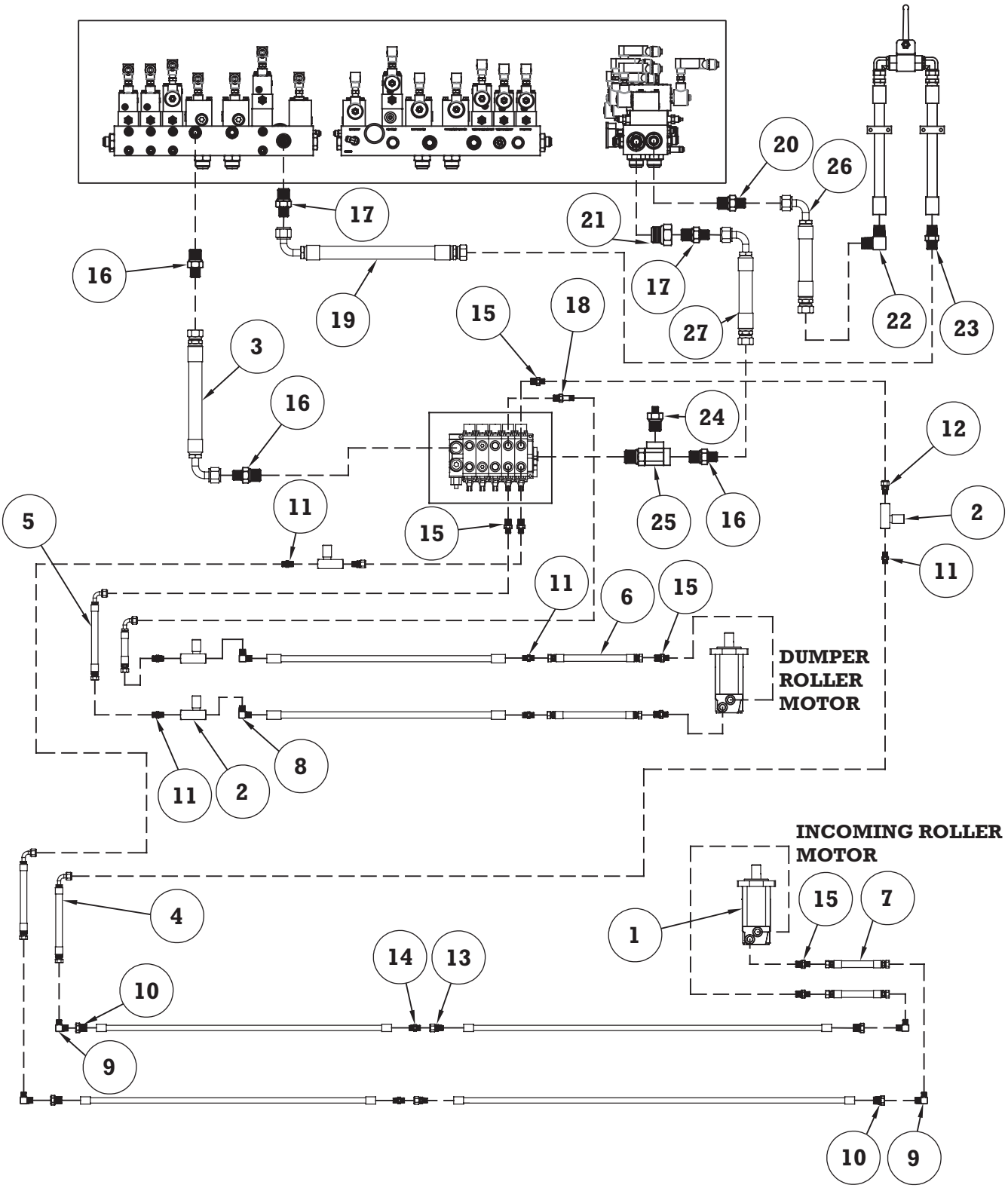
STANDARD HYDRAULIC DOOR CLOSER CIRCUIT



STANDARD HYDRAULIC DOOR CLOSER CIRCUIT

ITEM	QTY.	PART #	DESCRIPTION
1	2	091-00955	1/2" X 44" STR-STR (MANIFOLD TO D.C. PIPE) (LEFT HAND SYSTEM)
	2	091-00156	1/2" X 30" STR-STR (MANIFOLD TO D.C. PIPE) (RIGHT HAND SYSTEM)
2	2	091-00956	3/8 " X 45" STR-90° (D.C. PIPE TO DOOR CLOSER)
3	2	330-00016	STRAIGHT ADAPTOR 3/8" MALE PIPE X JIC #6 MALE
4	2	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
5	2	330-00019	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #6 MALE
6	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
7	1	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
8	1	330-00666	LONG STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSY)
9	2	330-00095	90° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
10	1	170-00002	DOOR CLOSER LIFT CYLINDER

STANDARD INCOMING ROLLERS CIRCUIT

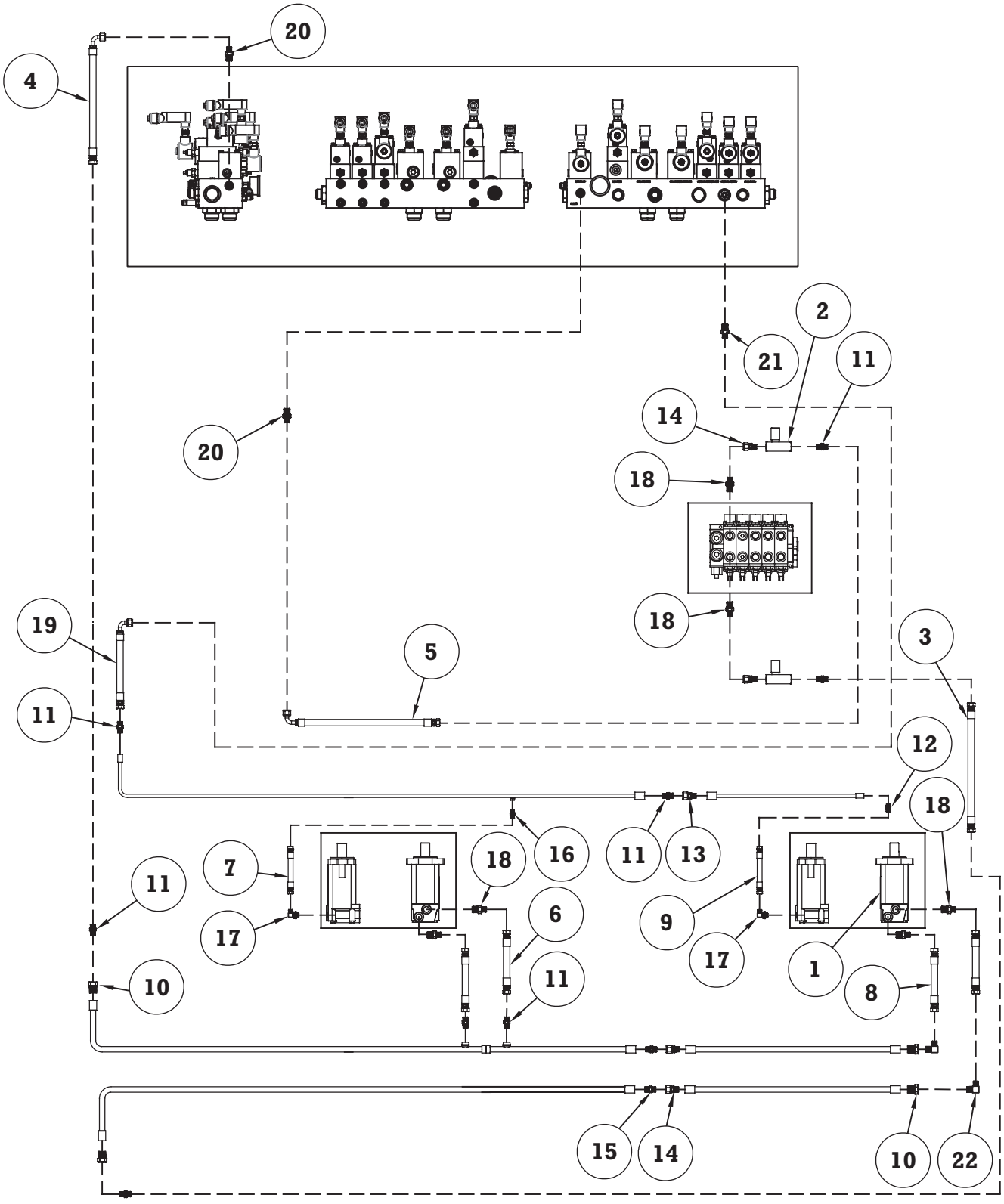


STANDARD INCOMING ROLLERS CIRCUIT

ITEM	QTY.	PART #	DESCRIPTION
1	2	450-00004	HYDRAULIC MOTOR
2	4	330-00144	FLOW CONTROL VALVE
3	1	091-00267	1" X 50" STR-90° (MANIFOLD TO 5-SECTION) (LEFT HAND SYSTEM)
	1	091-00957	1" X 36" STR-90° (MANIFOLD TO 5-SECTION) (RIGHT HAND SYSTEM)
4	2	091-00172	1/2 " X 40" STR-90° (5-SECTION TO INCOMING PIPE)
5	2	091-00160	1/2 " X 32" STR-90° (5-SECTION TO DUMPER ROLL PIPE)
6	2	091-00387	1/2 " X 25" STR-STR (PIPE TO DUMPER ROLLERS)
7	2	091-00173	1/2 " X 40" STR-STR (PIPE TO SECOND INCOMING)
8	2	330-00083	90° ADAPTOR 1/2" MALE PIPE X 1/2" MALE PIPE
9	4	330-00095	90° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
10	4	330-00006	1/2" X 1" PIPE BUSHING
11	6	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
12	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
13	2	330-00769	STRAIGHT ADAPTER 1" MALE PIPE X #16 JIC SWIVEL
14	2	330-00012	STRAIGHT ADAPTOR 1" MALE PIPE X JIC #16 MALE
15	7	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
16	3	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
17	2	330-00237	STRAIGHT ADAPTOR SAE #16 MALE X JIC #16 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
18	1	330-00772	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
19	1	091-00267	1" X 50" STR-90° (MANIFOLD TO BALL VALVE)
20	1	330-00810	STRAIGHT ADAPTOR SAE #20 MALE X JIC #16 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
21	1	330-00383	REDUCER SAE #24 MALE X SAE #16 FEMALE(INCLUDED IN MANIFOLD ASSEMBLY)
22	1	330-00087	STRAIGHT ADAPTOR 1" MALE PIPE X JIC #16 MALE (INCLUDED IN BALL VALVE ASSEMBLY)
23	1	330-00012	90° ADAPTOR 1" MALE PIPE X JIC #16 MALE (INCLUDED IN BALL VALVE ASSEMBLY)
24	1	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE
25	1	330-00782	RUN TEE SAE #12 MALE X SAE #12 FEMALE X SAE #12 FEMALE
26	1	091-00259-24	1" X 24" STR-90° (BALL VALVE TO MANIFOLD)
27	1	091-00957	1" X 36" STR-90° (TEE AT 5 SECTION TO MANIFOLD)

Cage Unloading System

STANDARD OUTGOING ROLLERS CIRCUIT

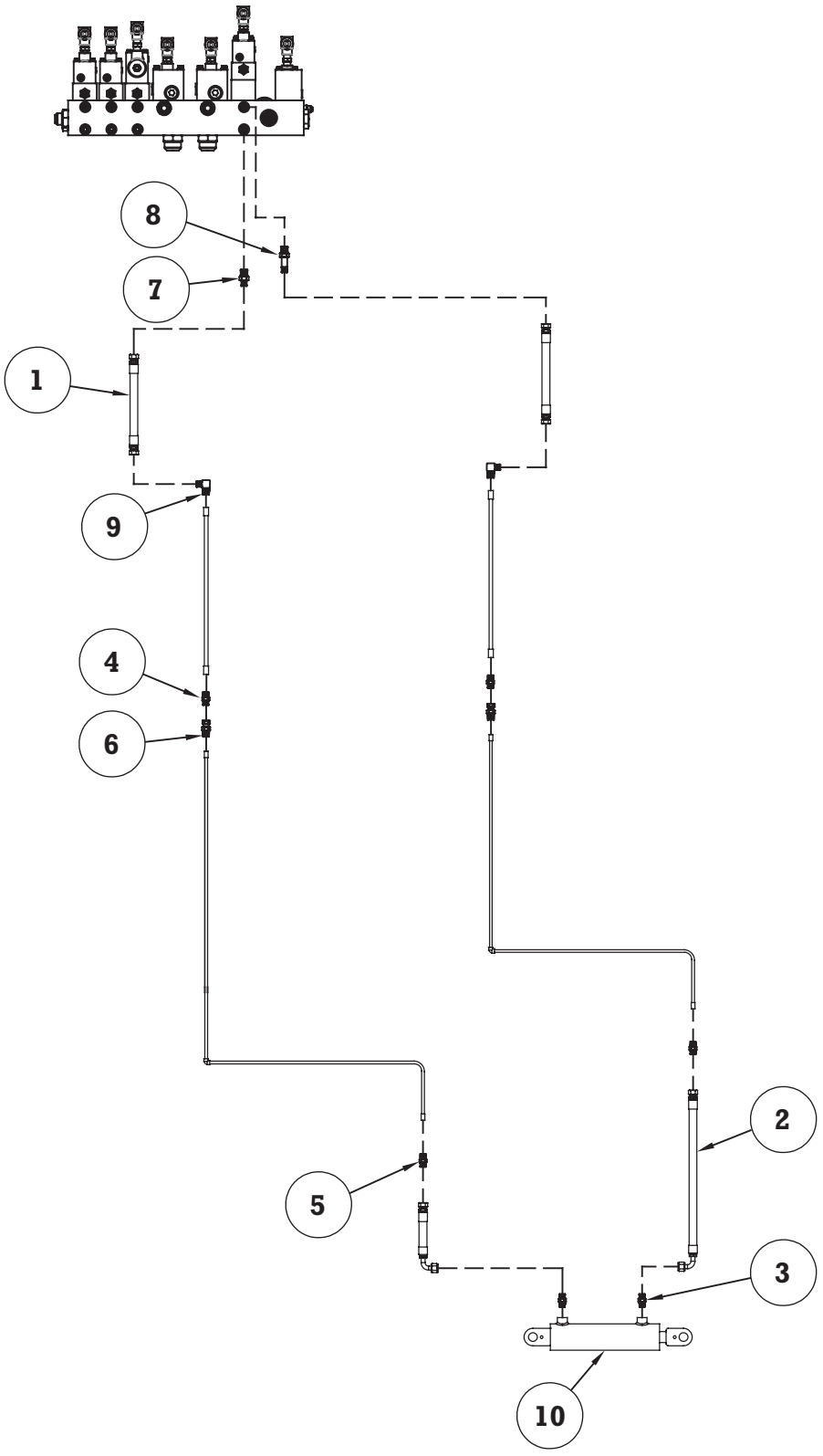


STANDARD OUTGOING ROLLERS CIRCUIT

ITEM	QTY.	PART #	DESCRIPTION
1	2	450-00004	HYDRAULIC MOTOR
2	2	330-00144	FLOW CONTROL VALVE
3	1	091-00955	1/2 " X 44" STR-STR (5 SECTION TO OUTGOING PIPE) (WITH DOOR CLOSER INSTALLED)
	2	091-00955	1/2 " X 44" STR-STR (5 SECTION TO OUTGOING PIPE) (WITHOUT DOOR CLOSER INSTALLED)
4	1	091-00157	1/2 " X 30" STR-90° (MANIFOLD TO OUTGOING PIPE) (LEFT HAND SYSTEM)
	1	091-00192	1/2 " X 60" STR-90° (MANIFOLD TO OUTGOING PIPE) (RIGHT HAND SYSTEM)
5	1	091-00141	1/2 " X 20" STR-90° (MANIFOLD TO 5 SECTION) (LEFT HAND SYSTEM)
	1	091-00192	1/2 " X 60" STR-90° (MANIFOLD TO 5 SECTION) (RIGHT HAND SYSTEM)
6	2	091-00161	1/2 " X 32" STR-STR (OUTGOING PIPE TO MOTOR)
7	1	091-00396	3/8" X 28" STR-STR (OUTGOING PIPE TO MOTOR DRAIN)
8	2	091-00173	1/2 " X 40" STR-STR (OUTGOING PIPE TO MOTOR)
9	1	091-00399	3/8 " X 34" STR-STR (OUTGOING PIPE TO MOTOR DRAIN)
10	4	330-00006	1/2" X 1" PIPE BUSHING
11	8	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
12	1	330-00019	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #6 MALE
13	1	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
14	2	330-00769	STRAIGHT ADAPTER 1" MALE PIPE X #8 JIC SWIVEL
15	2	330-00012	STRAIGHT ADAPTOR 1" MALE PIPE X JIC #16 MALE
16	1	330-00014.1	STRAIGHT ADAPTOR 1/4" MALE PIPE X JIC #6 MALE
17	2	330-00363	90° ADAPTOR SAE #4 MALE X JIC #6 MALE
18	6	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
19	1	091-00172	1/2 " X 40" STR-90° (5 SECTION TO MOTOR DRAIN PIPE)
20	2	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
21	1	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
22	2	330-00095	90° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE

NOTE: ITEMS #4, #5, AND #20 ARE NEEDED ONLY IF HYDRAULIC DOOR CLOSER IS INSTALLED.

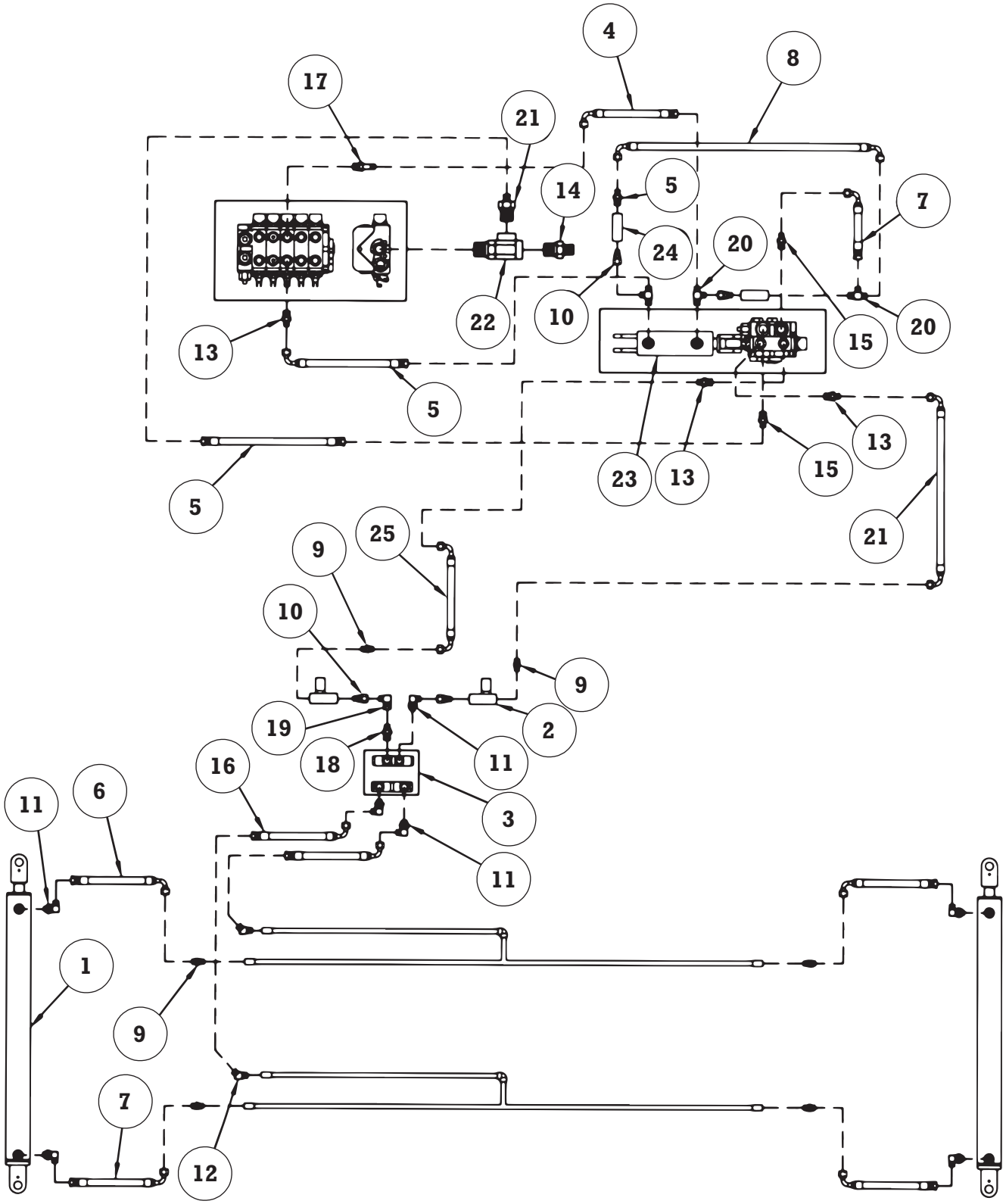
STANDARD SAFETY ARM CIRCUIT



STANDARD SAFETY ARM CIRCUIT

ITEM	QTY.	PART #	DESCRIPTION
1	2	091-00955	1/2" X 30" STR-STR (MANIFOLD TO D.C. PIPE) (LEFT HAND SYSTEM)
	2	091-00156	1/2" X 44" STR-STR (MANIFOLD TO D.C. PIPE) (RIGHT HAND SYSTEM)
2	2	091-00102	3/8 " X 20" STR-90° (PIPE TO SAFETY ARM)
3	2	330-00016	STRAIGHT ADAPTOR 3/8" MALE PIPE X JIC #6 MALE
4	2	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
5	2	330-00019	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #6 MALE
6	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
7	1	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
8	1	330-00666	LONG STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSY)
9	2	330-00095	90° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
10	1	170-00002	DOOR CLOSER LIFT CYLINDER

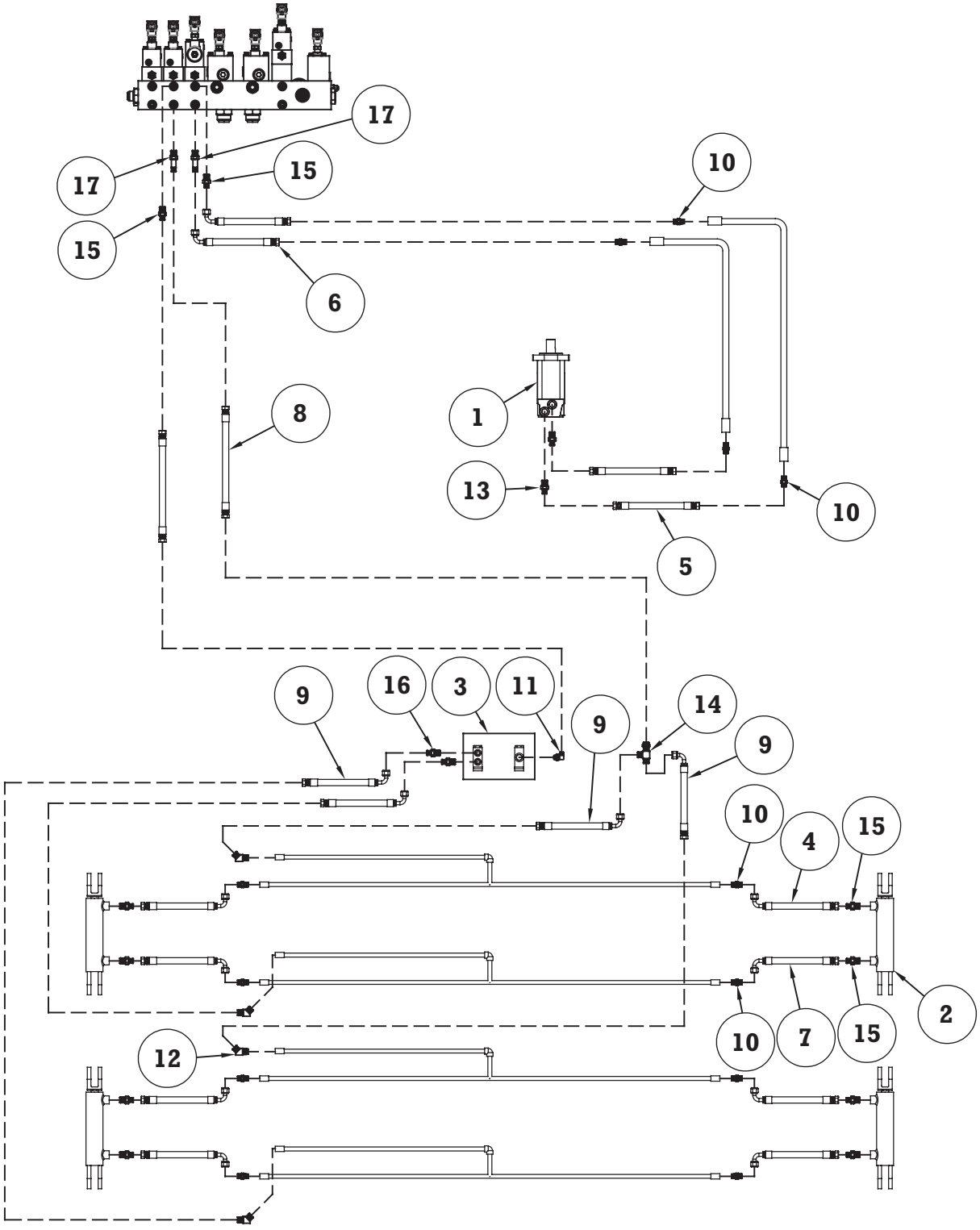
STANDARD CRADLE TILT CIRCUIT



STANDARD CRADLE TILT CIRCUIT

ITEM	QTY	PART #	DESCRIPTION
1	2	091-20085D	60° TILT CYLINDER
2	2	330-00144	FLOW CONTROL VALVE
3	1	810-00020	DOUBLE PILOTED CHECK VALVE
4	2	091-00178-02	1/2 " X 46" STR-90° (5-SECTION TO ANTI SHAKE CYLINDER)
5	1	091-00173	1/2 " X 40" STR-STR (TEE ON 5 SECTION TO ANTI SHAKE VALVE)
6	2	091-00385	1/2 " X 35" STR-90° (PIPE TO DUMP DOWN)
7	3	091-00134	1/2 " X 14" STR-90° (PIPE TO DUMP UP & TEE AT ANTI SHAKE CYLINDER TO CHECK VALVE)
8	2	091-00151	1/2 " X 26" STR-90° (ANTI SHAKE VALVE TO ANTI SHAKE CYLINDER & ANTI SHAKE VALVE TO CHECK VALVE)
9	8	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
10	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
11	4	330-00115	90° ADAPTOR SAE #8 MALE X JIC #8 MALE
12	2	330-00231	45° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
13	2	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION & ANTI SHAKE VALVE ASSEMBLIES)
14	1	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
15	2	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE (INC. IN ANTI SHAKE VALVE ASSEMBLY)
16	2	091-00160	1/2 " X 32" STR-90° (TILT PIPE TO CHECK VALVE)
17	1	330-00772	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
18	1	330-00135	STRAIGHT ADAPTOR 1/2" MALE PIPE X SAE #8 MALE
19	1	330-00104	90° ADAPTOR JIC #8 MALE X 1/2" FEMALE PIPE
20	2	330-00243	SWIVEL NUT RUN TEE, #8 JIC FEMALE SWIVEL X #8 JIC MALE X #8 JIC MALE
21	1	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE
22	1	330-00782	RUN TEE SAE #12 MALE X SAE #12 FEMALE X SAE #12 FEMALE
23	1	170-00003	ANTI-SHAKE CYLINDER

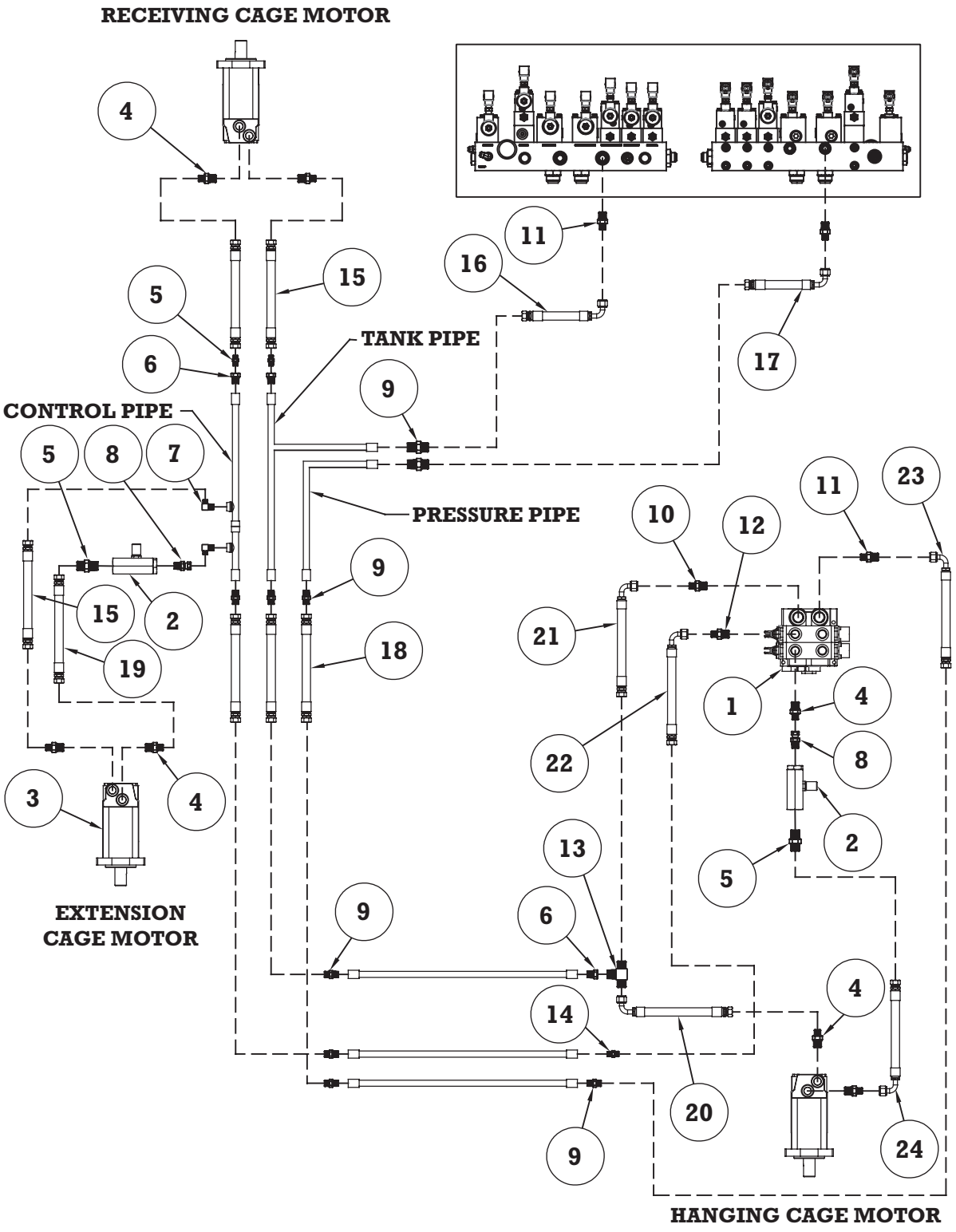
STANDARD TRANSFER CHAIN CIRCUIT



STANDARD TRANSFER CHAIN CIRCUIT

ITEM	QTY.	PART #	DESCRIPTION
1	1	450-00004	HYDRAULIC MOTOR
2	4	091-20418	LIFT CYLINDER
3	1	091-20525	FLOW DIVIDER
4	4	091-00381	1/2 " X 32" STR-90° (PIPE TO X OVER DOWN)
5	2	091-00173	1/2 " X 18" STR-STR (PIPE TO X OVER CHAIN MOTOR)
6	2	091-00178-02	1/2 " X 46" STR-90° (MANIFOLD TO X OVER CHAIN DRIVE PIPE)
7	4	091-00390	1/2 " X 26" STR-90° (PIPE TO X OVER UP)
8	2	091-00955	1/2 " X 44" STR (MANIFOLD TO TEE / FLOW DIVIDER) (LEFT HAND SYSTEM)
	2	091-00156	1/2 " X 30" STR (MANIFOLD TO TEE / FLOW DIVIDER) (RIGHT HAND SYSTEM)
9	4	091-00392	1/2 " X 35" STR-90° (TEE/FLOW DIVIDER TO X OVER LIFT PIPE)
10	12	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
11	1	330-00115	90° ADAPTOR SAE #8 MALE X JIC #8 MALE
12	4	330-00231	45° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
13	2	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION & ANTI SHAKE VALVE ASSEMBLIES)
14	1	330-00773	BULKHEAD RUN TEE, JIC #8 MALE
15	10	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (2 INCLUDED IN MANIFOLD ASSEMBLY)
16	2	330-00044	STRAIGHT ADAPTOR SAE #6 MALE X JIC #8 MALE
17	2	330-00666	LONG STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSY)

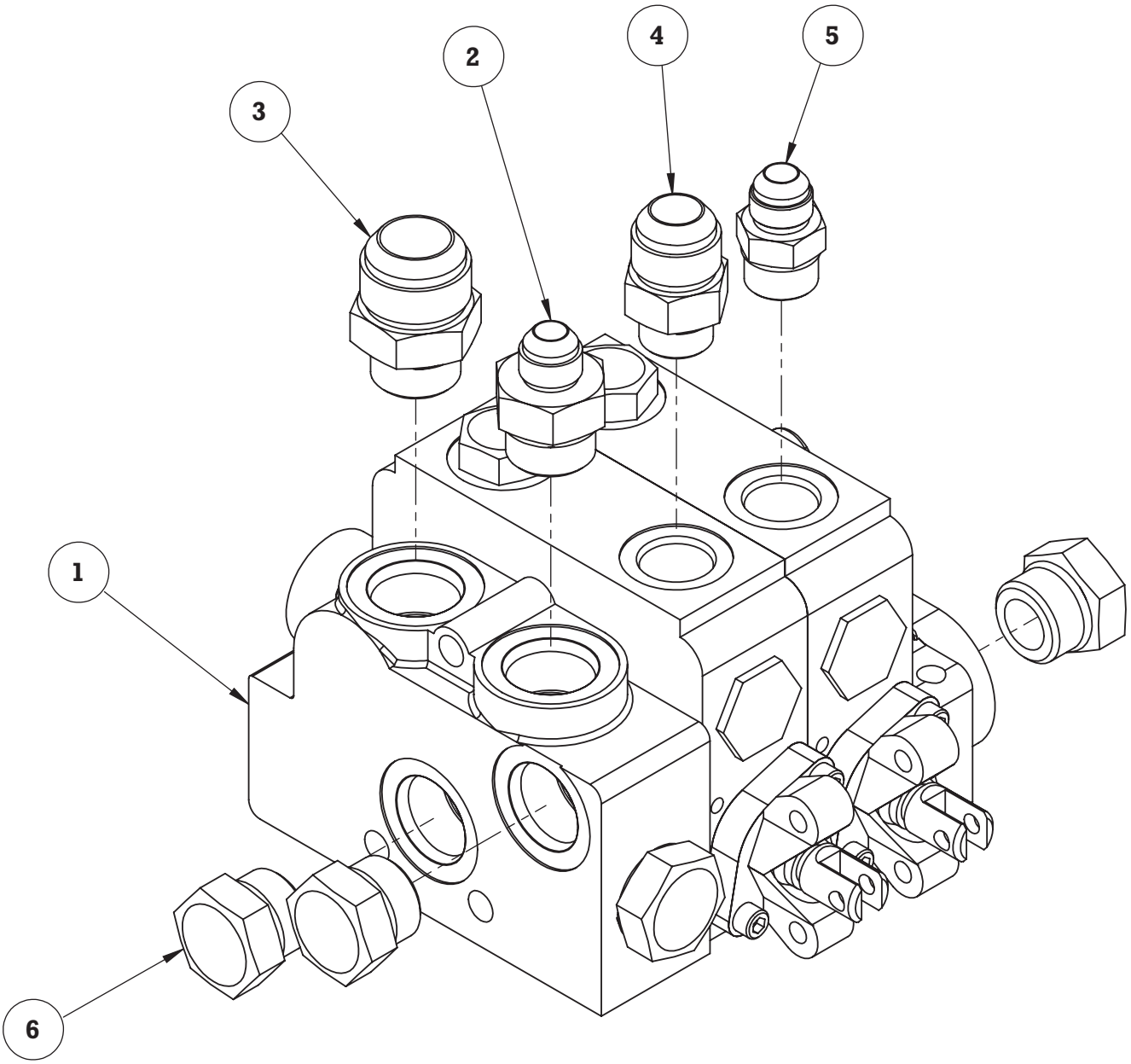
STANDARD RECEIVING AND HANGING CIRCUIT



STANDARD RECEIVING AND HANGING CIRCUIT

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-23167	2 SECTION VALVE ASSEMBLY
2	2	330-00272	PRESSURE COMPENSATED FLOW CONTROL
3	3	450-00004	HYDRAULIC MOTOR
4	7	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (1 INCLUDED IN 2 SECTION ASSEMBLY)
5	3	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
6	3	330-00006	1/2" X 1" PIPE BUSHING
7	2	330-00095	90° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
8	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
9	9	330-00012	STRAIGHT ADAPTOR 1" MALE PIPE X JIC #16 MALE
10	1	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE (INCLUDED IN 2 SECTION ASSEMBLY)
11	3	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE (INCLUDED IN 2 & 5 SECTION ASSYS)
12	1	330-00033	STRAIGHT ADAPTOR SAE #10 MALE X JIC #12 MALE (INCLUDED IN 2 SECTION ASSEMBLY)
13	1	330-00101	BRANCH TEE, 1/2" MALE PIPE X JIC #8 MALE X JIC #8 MALE
14	1	330-00011	STRAIGHT ADAPTOR 1" MALE PIPE X JIC #12 MALE
15	3	091-00167	1/2" X 36" STR-STR (PIPE TO REC CAGE MOTOR & EXT CAGE PIPE TO MOTOR)
16	1	091-00265-01	1" X 48" STR-90° (MANIFOLD TO PIPE ON TANK SIDE)
17	1	091-00269	1" X 60" STR-90° (MANIFOLD TO PIPE ON PRESSURE SIDE)
18	3	091-00265	1" X 48" STR-STR (EXT CAGE PIPE TO HANGING BELT PIPE)
19	1	091-00152	1/2" X 26" STR-STR (FLOW CONTROL TO EXT CAGE MOTOR)
20	1	091-00178-02	1/2" X 46" STR-90° (HANGING BELT TANK PIPE TO MOTOR) (FOR DRIVE END TAKE UP)
	1	091-00137	1/2" X 18" STR-90° (HANGING BELT TANK PIPE TO MOTOR) (FOR STATIONARY DRIVE END)
21	1	091-00132-02	1/2" X 11" STR-90° (2 SECTION VALVE TO TANK PIPE)
22	1	091-00248	3/4" X 38" STR-90° (2 SECTION VALVE TO CONTROL PIPE)
23	1	091-00262-40A	1" X 40" STR-90° (2 SECTION VALVE TO PRESSURE PIPE)
24	1	091-00185	1/2" X 54" STR-90° (FLOW CONTROL TO MOTOR) (FOR DRIVE END TAKE UP)
	1	091-00153-01	1/2" X 27" STR-90° (FLOW CONTROL TO MOTOR) (FOR STATIONARY DRIVE END)

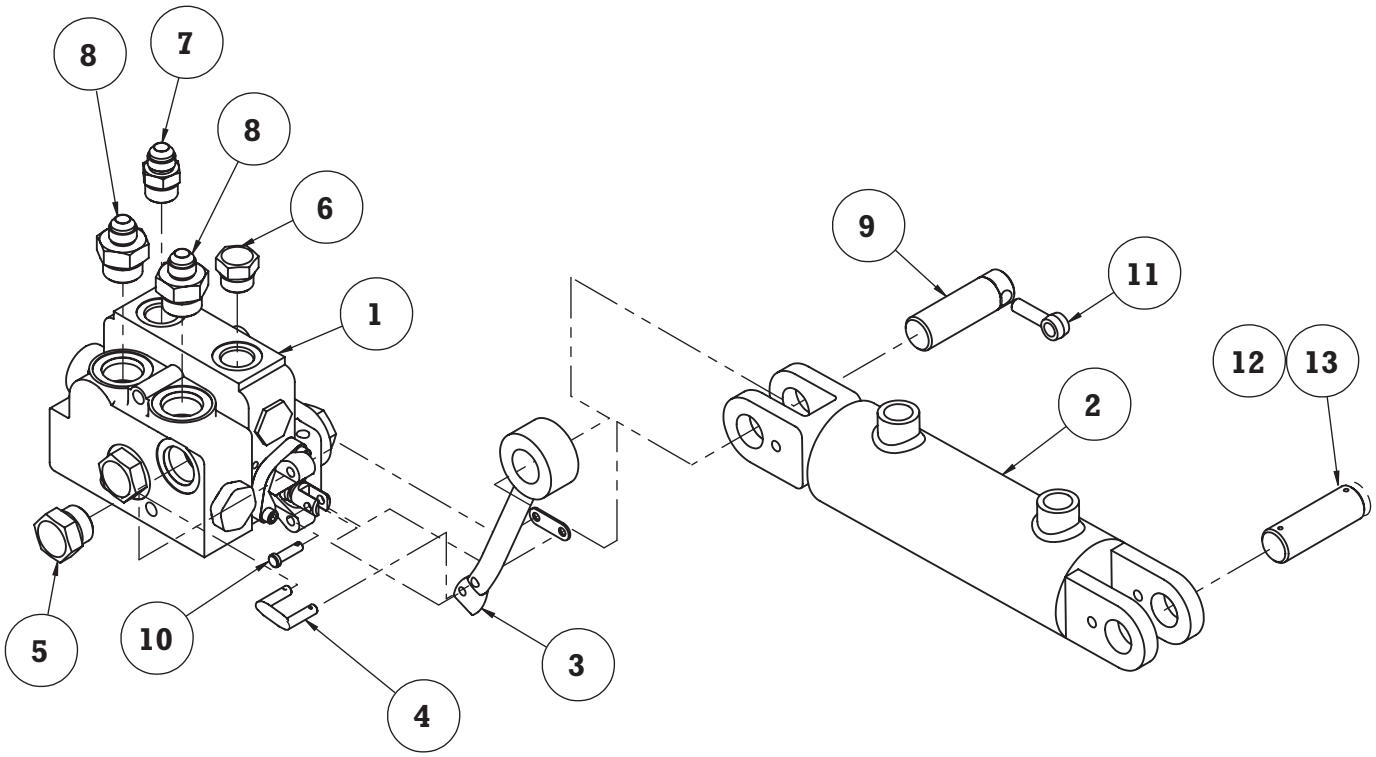
2 SECTION VALVE ASSEMBLY - HANGING BELT (091-23167)



2 SECTION VALVE ASSEMBLY - HANGING BELT (091-23167)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	810-00084	TWO SECTION VALVE ASSEMBLY
2	1	330-00039	STRAIGHT ADAPTER SAE #12 MALE X JIC #8 MALE
3	1	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE
4	1	330-00033	STRAIGHT ADAPTOR SAE #10 MALE X JIC #12 MALE
5	1	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE
6	3	330-00049	HEX HEAD PLUG SAE #12

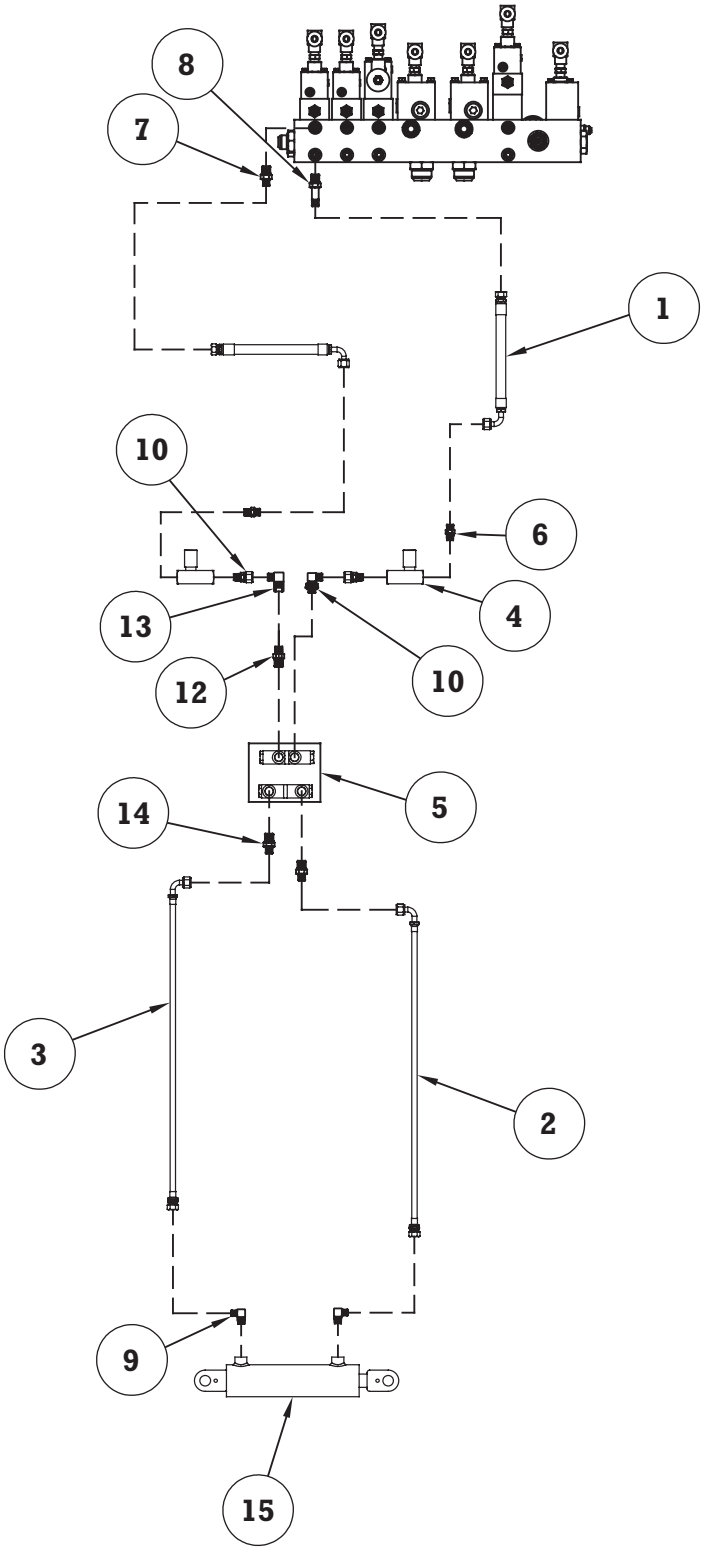
ANTI-SHAKE SYSTEM ASSEMBLY (091-23121A)



ANTI-SHAKE SYSTEM ASSEMBLY (091-23121A)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	810-00085	* ONE SECTION V20 VALVE
2	1	170-00003	ANTI-SHAKE VALVE CYLINDER
	1	630-00022	SEAL KIT FOR CYLINDER
3	1	810-00042	ANTI-SHAKE VALVE LEVER
4	1	810-00004	CONNECTION LINK
5	3	330-00049	HEX HEAD PLUG SAE #12
6	1	330-00048	HEX HEAD PLUG SAE #10
7	1	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE
8	2	330-00039	STRAIGHT ADAPTER SAE #12 MALE X JIC #8 MALE
9	2	097-21514	1” X 2-1/4” LONG PIN WELDMENT
10	1	210-00847	1/4” X 1” CLEVIS PIN

HYD SLIDES CIRCUIT - 2019

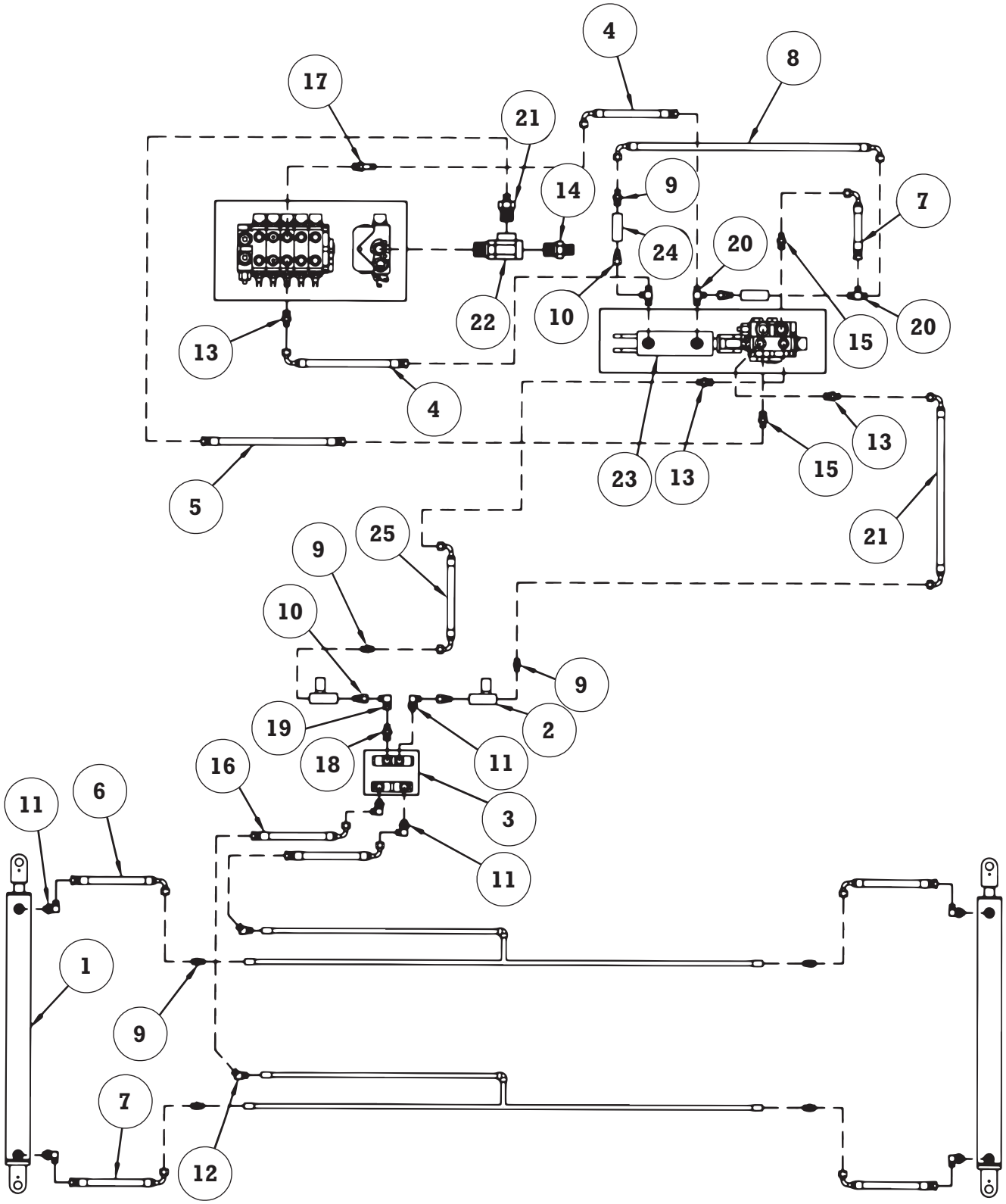


HYD SLIDES CIRCUIT - 2019

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	091-00192	1/2" X 60" STR-90° (MANIFOLD TO FLOW CONTROL)
2	2	091-00293	1/4 " X 149" STR-90° (CHECK VALVE TO CYLINDER)
3	–	091-00294	1/4 " X 158" STR-90° (CHECK VALVE TO CYLINDER)
4	2	330-00144	FLOW CONTROL VALVE
5	1	810-00020	DOUBLE PILOTED CHECK VALVE
6	2	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
7	1	330-00046	STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
8	1	330-00666	LONG STRAIGHT ADAPTOR SAE #8 MALE X JIC #8 MALE (INCLUDED IN MANIFOLD ASSEMBLY)
9	2	330-00092	90° ADAPTOR 3/8" MALE PIPE X JIC #6 MALE
10	2	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
11	1	330-00115	90° ADAPTOR SAE #8 MALE X JIC #8 MALE
12	1	330-00135	STRAIGHT ADAPTOR 1/2" MALE PIPE X SAE #8 MALE
13	1	330-00104	90° ADAPTOR JIC #8 MALE X 1/2" FEMALE PIPE
14	2	330-00045	STRAIGHT ADAPTER SAE #8 MALE X #6 JIC MALE
15	1	170-00002	DOOR CLOSER LIFT CYLINDER

Cage Unloading System

STANDARD CRADLE TILT CIRCUIT - JUNE 2021



STANDARD CRADLE TILT CIRCUIT - JUNE 2021

ITEM	QTY.	PART #	DESCRIPTION
1	2	091-20085D	60° TILT CYLINDER
2	2	330-00144	FLOW CONTROL VALVE
3	1	810-00020	DOUBLE PILOTED CHECK VALVE
4	2	091-00178-02	1/2 " X 46" STR-90° (5-SECTION TO ANTI SHAKE CYLINDER)
5	1	091-00173	1/2 " X 40" STR-STR (TEE ON 5 SECTION TO ANTI SHAKE VALVE)
6	2	091-00385	1/2 " X 35" STR-90° (PIPE TO DUMP DOWN)
7 (RHS)	3	091-00134	1/2 " X 14" STR-90° (PIPE TO DUMP UP & TEE AT ANTI SHAKE CYLINDER TO CHECK VALVE)
7 (LHS)	2	091-00134	1/2 " X 14" STR-90° (PIPE TO DUMP UP & TEE AT ANTI SHAKE CYLINDER TO CHECK VALVE)
8 (RHS)	1	091-00228	1/2 " X 14" 90° (CHECK VALVE TO CHECK VALVE)
8 (LHS)	1	091-00140	1/2 " X 20" STR-STR (PIPE TO DUMP UP & TEE AT ANTI SHAKE CYLINDER TO CHECK VALVE)
9	7	330-00020	STRAIGHT ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
10	4	330-00768	STRAIGHT ADAPTER 1/2" MALE PIPE X #8 JIC SWIVEL
11	7	330-00115	90° ADAPTOR SAE #8 MALE X JIC #8 MALE
12	2	330-00231	45° ADAPTOR 1/2" MALE PIPE X JIC #8 MALE
13	3	330-00036	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION & ANTI SHAKE VALVE ASSEMBLIES)
14	1	330-00038	STRAIGHT ADAPTOR SAE #12 MALE X JIC #16 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
15	3	330-00039	STRAIGHT ADAPTOR SAE #12 MALE X JIC #8 MALE (INC. IN ANTI SHAKE VALVE ASSEMBLY)
16	2	091-00160	1/2 " X 32" STR-90° (TILT PIPE TO CHECK VALVE)
17	1	330-00772	STRAIGHT ADAPTOR SAE #10 MALE X JIC #8 MALE (INCLUDED IN 5 SECTION ASSEMBLY)
18	1	330-00135	STRAIGHT ADAPTOR 1/2" MALE PIPE X SAE #8 MALE
19	1	330-00104	90° ADAPTOR JIC #8 MALE X 1/2" FEMALE PIPE
20	3	330-00798	RUN TEE, 1/2" NPT MALE X #8 JIC MALE X #8 JIC MALE
21	1	091-00229	1/2 " X 24" 90° – 90° ANTI-SHAKE VALVE TO FLOW CONTROL VALVE
22	1	330-00782	RUN TEE SAE #12 MALE X SAE #12 FEMALE X SAE #12 FEMALE
23	1	170-00003	ANTI-SHAKE CYLINDER
24	2	810-00067	CHECK VALVE
25	1	091-00230	1/2 " X 26" 90° – 90° ANTI-SHAKE VALVE TO FLOW CONTROL VALVE

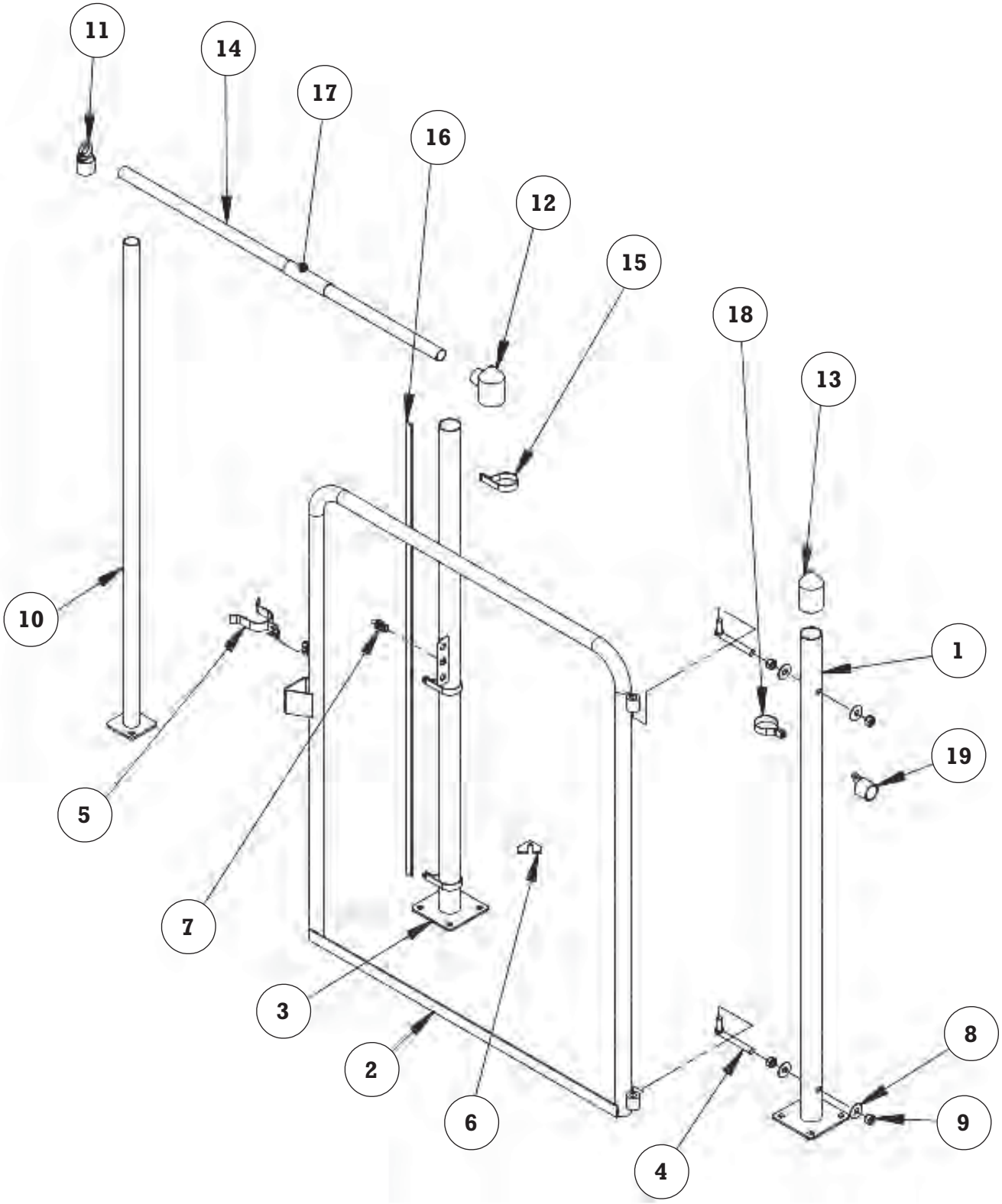
SECTION #11

SAFETY FENCING & PLACARDS

CONTENTS

SAFETY FENCING.....11-2
SAFETY PLACARDS.....11-4
SAFETY PLACARDS.....11-6

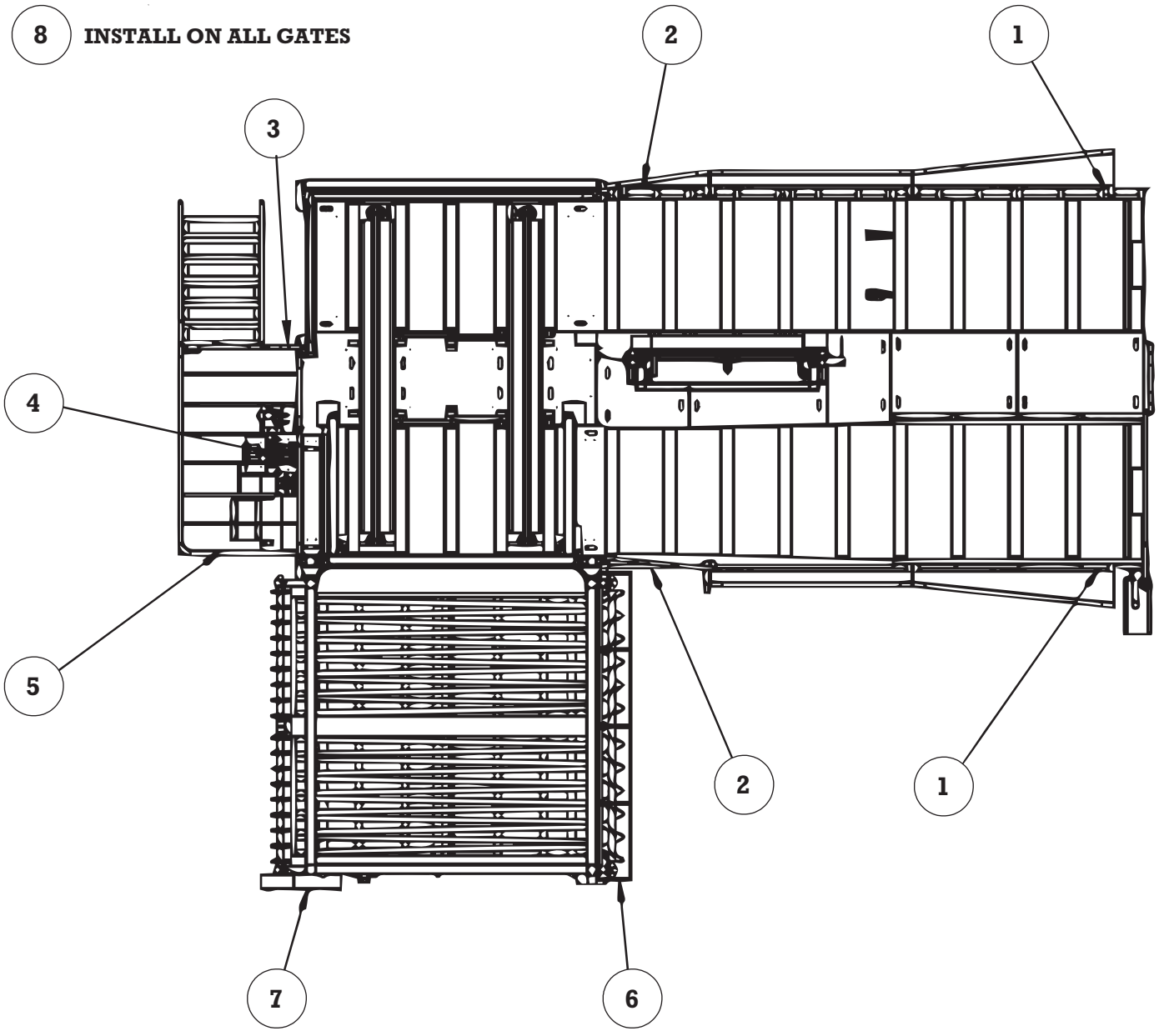
SAFETY FENCING



SAFETY FENCING

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-21821	GATE POST FOR HINGE
2	1	091-21818	SAFETY GATE (4 FT. WIDE)
3	1	091-21819	GATE POST FOR SENSOR
4	2	091-20393	GATE HINGE PIN
5	1	091-20394	GATE LATCH
6	1	091-20396	POST SHIM
7	1	091-20352	PROXIMITY SENSOR 18MM 24V
	1	091-20352.1	16‘ PROXY SENSOR CABLE (NOT SHOWN)
	1	091-20352.2	33‘ PROXY SENSOR CABLE (NOT SHOWN)
	1	091-20352.3	82’ PROXY SENSOR CABLE (NOT SHOWN)
8	4	210-00677	FLATWASHER
9	4	210-00179	NUT HEX FIN NC GRADE 5
10	1	091-21820	LINE POST ASSEMBLY
11	1	430-00445	LINE POST TOP
12	1	430-00442	ONE WAY CAP
13	1	430-00444	PLAIN CAP
14	1	430-00439	TOP RAIL
15	3	430-00440	TENSION BAND
16	1	430-00438	TENSION BAR
17	1	430-00447	TOP TAIL SLEEVE
18	1	430-00441	BRACE BAND
19	1	430-00446	OFFSET RAIL END
20	–	430-00443	TWO WAY CAP (NOT SHOWN)
21	–	091-21853	CORNER POST ASSEMBLY (NOT SHOWN)

SAFETY PLACARDS



INSTALL ON ALL GUARDS

SAFETY PLACARDS

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	2	360-00019	CAUTION STAND CLEAR WHILE MACHINE IN OPERATION
2	2	360-00018	CAUTION DO NOT MAKE ADJUSTMENTS
3	1	360-00015	CAUTION ONLY 1 PERSON ON CONTROL PLATFORM
4	1	360-00020	SAFETY FIRST FAILURE TO READ AND UNDERSTAND
5	1	360-00024	DANGER IT IS THE OPERATOR'S RESPONSIBILITY
6	1	360-00023	WARNING THIS BELT CAN TRAP AND INJURE FINGERS
7	AS REQUIRED	360-00016	CAUTION DO NOT ATTEMPT TO REMOVE GUARDS
8	3	360-00017	DANGER DO NOT ENTER WHILE MACHINE IS IN OPERATION

NOTE: SEE SIGNS NEXT PAGE.

SAFETY PLACARDS



360-00015



360-00016



360-00017



360-00018



360-00019



360-00020



360-00023



360-00024

SAFETY PLACARDS

PART NUMBER	QTY.	DESCRIPTION
360-00015	1	CAUTION ONLY 1 PERSON ON CONTROL PLATFORM
360-00016	AS REQUIRED	CAUTION DO NOT ATTEMPT TO REMOVE GUARDS
360-00017	3	DANGER DO NOT ENTER WHILE MACHINE IS IN OPERATION
360-00018	2	CAUTION DO NOT MAKE ADJUSTMENTS
360-00019	2	CAUTION STAND CLEAR WHILE MACHINE IN OPERATION
360-00020	1	SAFETY FIRST FAILURE TO READ AND UNDERSTAND
360-00023	1	WARNING THIS BELT CAN TRAP AND INJURE FINGERS
360-00024	1	DANGER IT IS THE OPERATOR'S RESPONSIBILITY

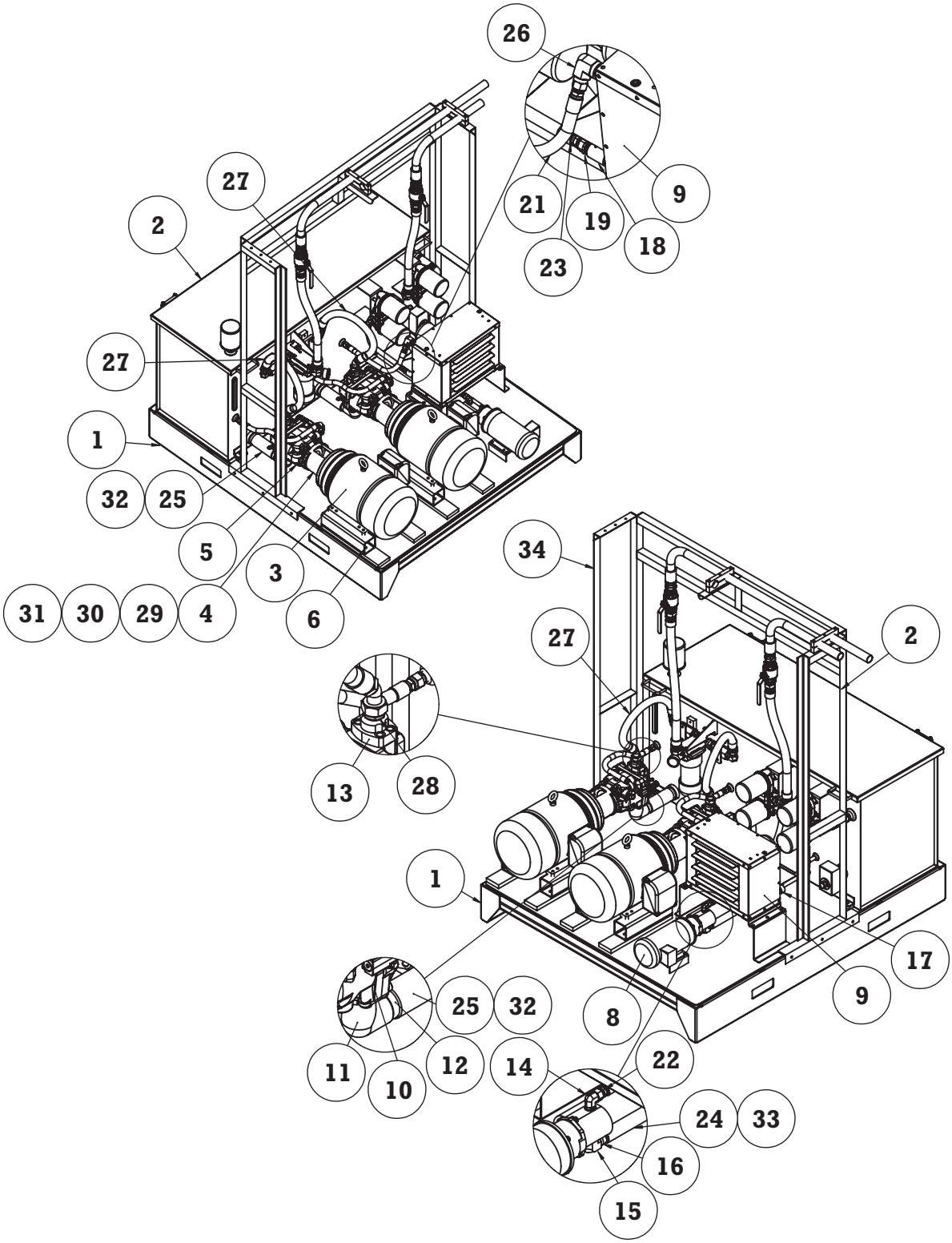
SECTION #12

HYDRAULIC POWER UNIT

CONTENTS

PUMPING UNIT W 30 HP MOTORS AND 60 GPM PUMPS (091-22001B) 12-2
HYDRAULIC TANK ASSEMBLY (091-22200B) 12-4
12 GPM KIDNEY LOOP (530-00038) 12-6
PIPE RACK WITH COMPONENTS (091-22214) 12-8
PUMPING UNIT WITH 3–30HP MOTORS (091-22300) 12-10
3 PUMP HYDRAULIC CIRCUIT (091-22313) 12-12
HYDRAULIC TANK ASSEMBLY (091-22311) 12-14
OVERHEAD PIPE RACK ASSEMBLY (091-22331) 12-16
68" WIDE PUMPING UNIT W 30 HP MOTORS AND 60 GPM PUMPS (091-22003) 12-18
HYDRAULIC TANK ASSEMBLY (091-22103) 12-22
PIPE RACK WITH COMPONENTS (091-22105) 12-24

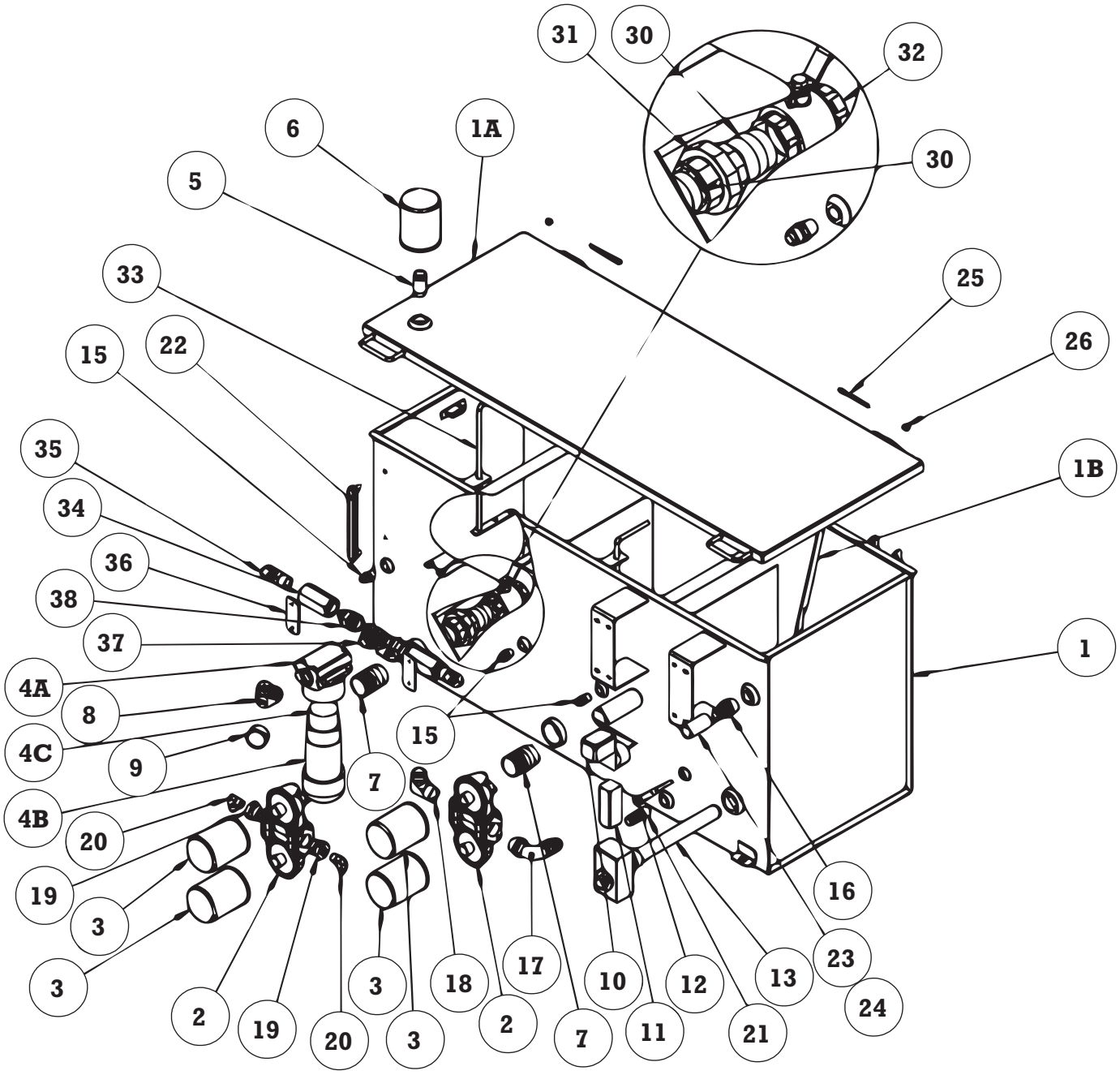
PUMPING UNIT W 30 HP MOTORS AND 60 GPM PUMPS (091-22001B)



PUMPING UNIT W 30 HP MOTORS AND 60 GPM PUMPS (091-22001B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22100	PUMPING UNIT BASE WELDMENT
2	1	091-22200B	HYDRAULIC TANK ASSEMBLY
3	2	450-00028	BALDOR 30 HP HIGH EFFICIENCY (286TC FRAME)
4	2	450-00040	MAGNALOY COUPLING HOUSING (M284682C)
5	2	530-00026.1	PRESSURE COMPENSATED 60 GPM PUMP (“C”-FLANGE)
6	2	091-20183R	MOUNTING SPACER FOR 30 HP MOTOR (RHS)
7	2	091-20183L	MOUNTING SPACER FOR 30 HP MOTOR
8	1	530-00038	PUMPING UNIT FOR KIDNEY LOOP
9	1	310-00001	OIL COOLER
10	2	150-00018	FLANGE, 4 BOLT 2-1/2” (SUCTION PORT) FOR 131 & 141 PUMPS
11	2	510-00058	ELBOW STREET
12	2	510-00192	SPECIAL HOSE BARB 4” LG (2-1/2 NPT - 2 - 3/4 BARB)
13	2	150-00019	FLANGE, 4 BOLT 1-1/4” (PRESSURE PORT) FOR 131 & 141 PUMPS
14	3	330-00106	STRAIGHT THREAD ELBOW (10 ORB - 12 JIC)
15	1	330-00753	FEMALE PIPE ELBOW (16 ORB - 1” NPT)
16	1	330-00746	HOSE BARB ADAPTER (1” NPT - 1-1/4 BARB)
17	1	510-00027	THREADED CAP 1” NPT (3000 PSI)
18	1	510-00036	COUPLING STEEL STD PIPE
19	1	330-00011	MALE CONNECTOR (1” NPT - 12 JIC)
20	2	091-00958	DRAIN HOSE 3/4” (PUMP DRAIN TO HYDRAULIC TANK)
21	1	091-20191	RETURN HOSE 3/4” (OIL COOLER TO HYDRAULIC TANK)
22	1	091-20192	PRESSURE HOSE 3/4” (KIDNEY LOOP PUMP TO FILTER)
23	1	091-20193	RETURN HOSE 3/4” (FILTER TO COOLER)
24	1	330-00303	SUCTION HOSE 1-1/4” ID X 29-1/2” LG
25	2	330-00576	SUCTION HOSE 2-3/4 ID X 7” LG
26	1	330-00378	FEMALE ELBOW (1” NPT - 12 JIC MALE)
27	2	091-20992	PRESSURE HOSE 1-1/4” (PUMP TO PRESSURE FILTER)
28	2	330-00320	MALE CONNECTOR (1-1/4 NPT - 20 JIC)
29	2	150-00003	COUPLING HALF MOTOR SIDE (1-7/8”)
30	2	150-00004	COUPLING INSERT (30HP)
31	2	150-00043	COUPLING HALF PUMP SIDE (1-1/2”)
32	4	370-00023	T-BOLT CLAMP
33	2	330-00324	T-BOLT CLAMP
34	1	091-22214	PIPE RACK WITH COMPONENTS

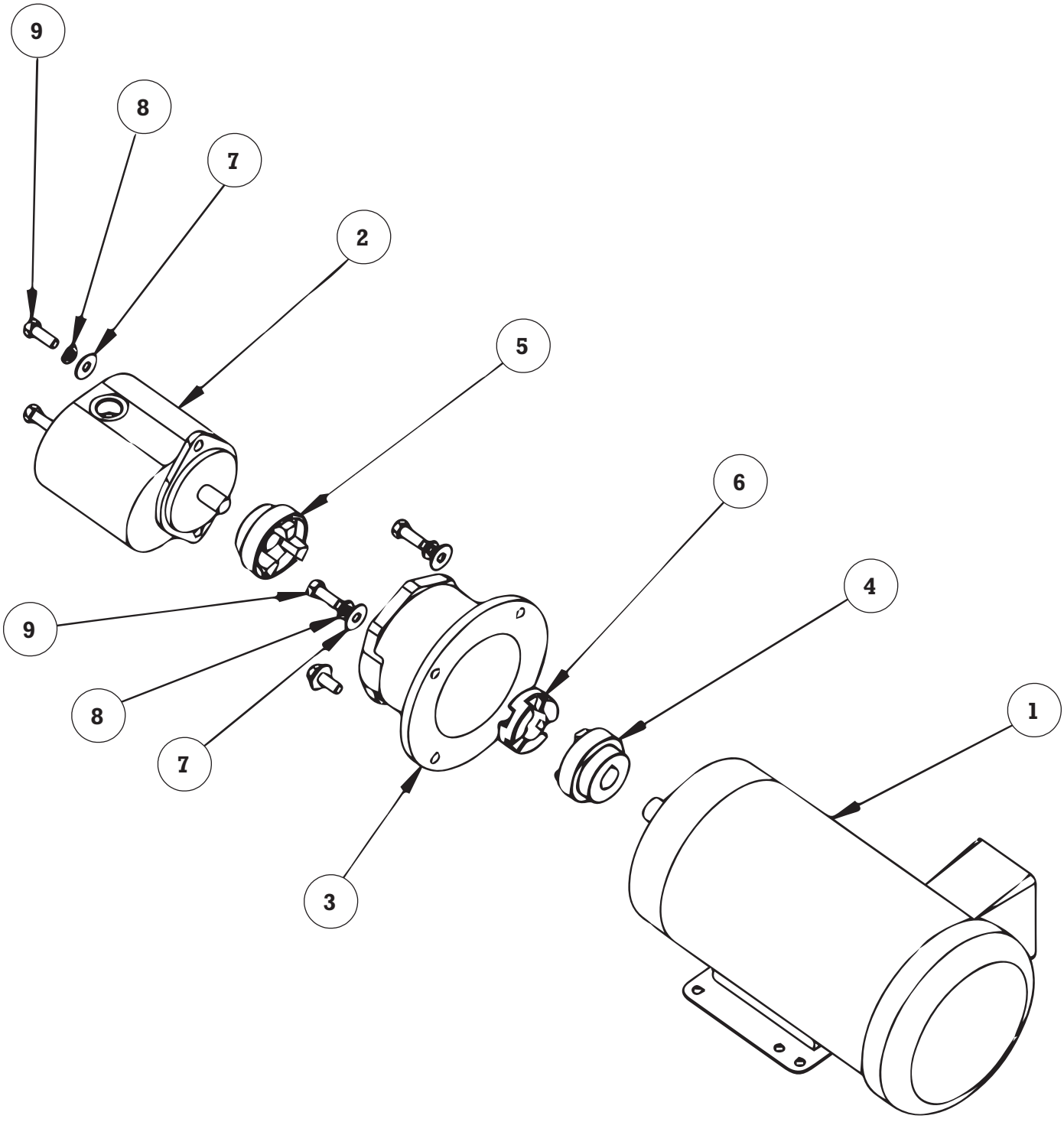
HYDRAULIC TANK ASSEMBLY (091-22200B)



HYDRAULIC TANK ASSEMBLY (091-22200B)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22210B	HYDRAULIC TANK WELDMENT (INCLUDE ITEMS 1A & 1B)
1A	REF	091-20168	HYDRAULIC TANK LID
1B	REF	091-20175	HYDRAULIC TANK LATCH
2	2	230-00022	RETURN FILTER HEAD
3	4	230-00060	RETURN FILTER WITH GLASS MEDIA
4A	1	230-00017	PRESSURE FILTER HEAD (3000 PSI)
4B	1	230-00015	PRESSURE FILTER CANISTER
4C	1	230-00059	PRESSURE FILTER ELEMENT
5	1	330-00750	TANK BREATHER ADAPTER
6	1	230-00020	TANK BREATHER WITH PAPER MEDIA
7	2	510-00192	SPECIAL HOSE BARB 4" LG (2-1/2 NPT - 2-3/4 BARB)
8	1	091-20180	FITTING WITH TEST PORT
9	1	290-00020	PRESSURE GAUGE 3000 PSI
10	1	190-00070	LIQUID LEVEL FLOAT SWITCH
11	1	190-00211A1	TEMP. CONTROLLER FOR OIL COOLER FAN
12	1	190-00211A2	CLIP-ON COPPER WELL 1/2 NPT
13	1	190-00066	OIL HEATER
15	3	330-00008	MALE CONNECTOR (3/4 NPT - 12 JIC)
16	1	330-00748	STRAIGHT HOSE BARB ADAPTER (1-1/2" NPT - 1-1/2 BARB)
17	1	330-00747	90° HOSE BARB ADAPTER (1-1/2" NPT - 1-1/2" BARB)
18	1	330-00089	MALE ELBOW (1-1/2" NPT - 24 JIC)
19	2	510-00233	1-1/2" TO 3/4" BUSHING
20	2	330-00085	MALE ELBOW (3/4"NPT - 12JIC)
21	1	330-00746	HOSE BARB ADAPTER (1" NPT - 1-1/4 BARB)
22	1	290-00019	SIGHT GAUGE (HYDRAULIC)
23	1	330-00293	RETURN HOSE 1-1/2" ID X 3-1/2" LG
24	2	370-00021	T-BOLT CLAMP
25	2	REF	SCREW CAP HEX HD NC GR 5
26	2	REF	NUT ESNA 3/8"
30	4	510-00059	NIPPLE CLOSE
31	2	510-00162	2-1/2" NPT STEEL UNION
32	2	810-00232	2-1/2" NPT BRASS BALL VALVE
33	2	091-22212	BALL VALVE REMOTE HANDLE
34	2	810-00072	CHECK VALVE 1-1/4" NPT
35	2	330-00088	MALE ELBOW (1-1/4" NPT - 20 JIC)
36	2	091-20994	CHECK VALVE HOLDER
37	1	330-00749	STRAIGHT THREAD BRANCH TEE (20ORB - 20JIC - 20JIC)
38	2	330-00785	SWIVEL CONNECTOR 20 NPT-20JIC(F)

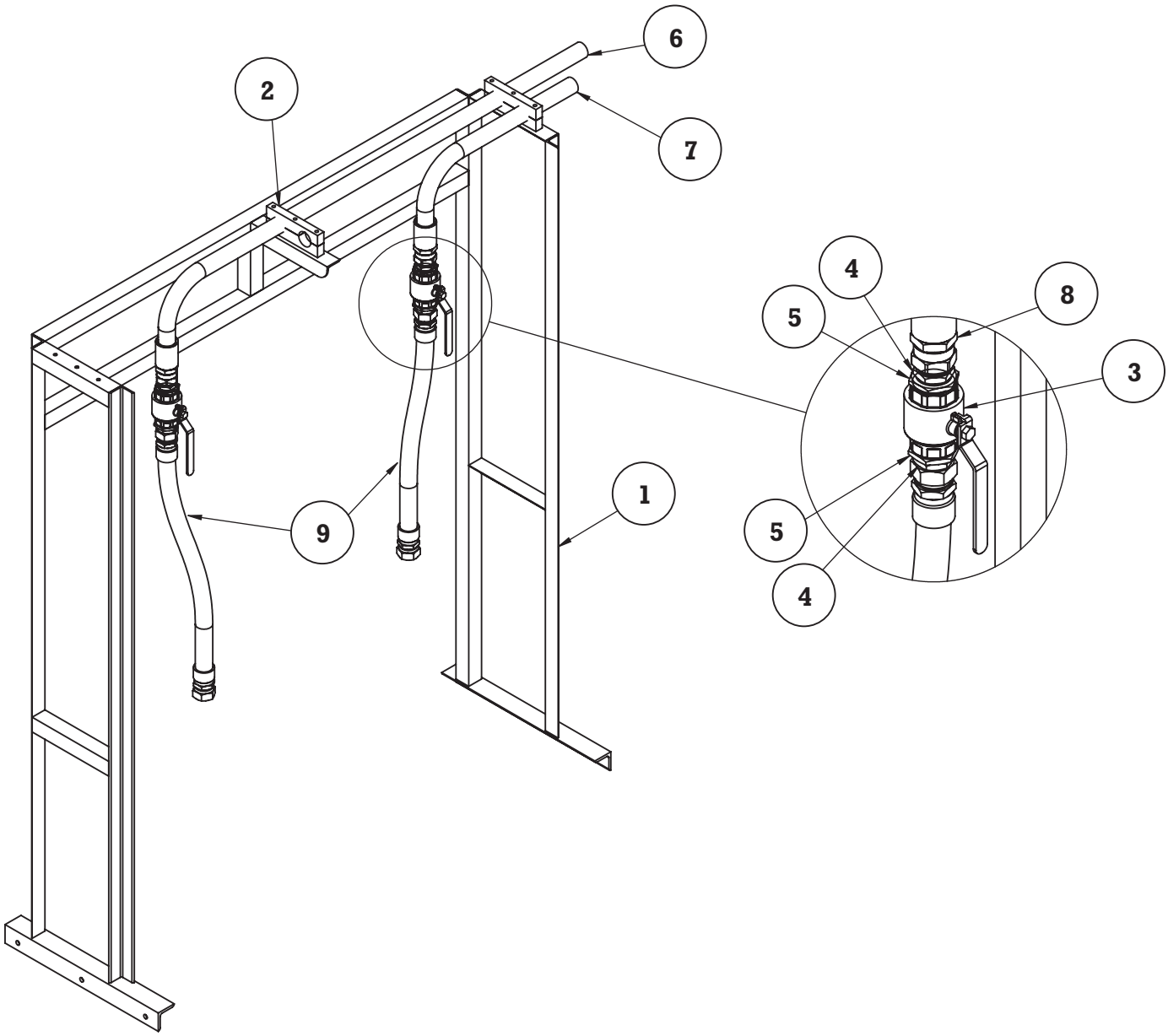
12 GPM KIDNEY LOOP (530-00038)



12 GPM KIDNEY LOOP (530-00038)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	010-00190	1 HP BALDOR MOTOR
2	1	530-00038.4	GEAR PUMP 12 GPM
3	1	530-00034.5	MAGNALOY COUPLING MO56352A
4	1	530-00034.1	MAGNALOY 7/8" KW 3/16" HUB
5	1	530-00038.2	MAGNALOY 3/4" KW 3/16" HUB
6	1	530-00034.3	MAGNALOY NEOPRENE INSERT (M170N6)
7	6	REF	FLAT WASHER 3/8"
8	6	REF	LOCK WASHER 3/8"
9	6	REF	SCREW CAP HEX HD NC GR5, 3/8" X 1"

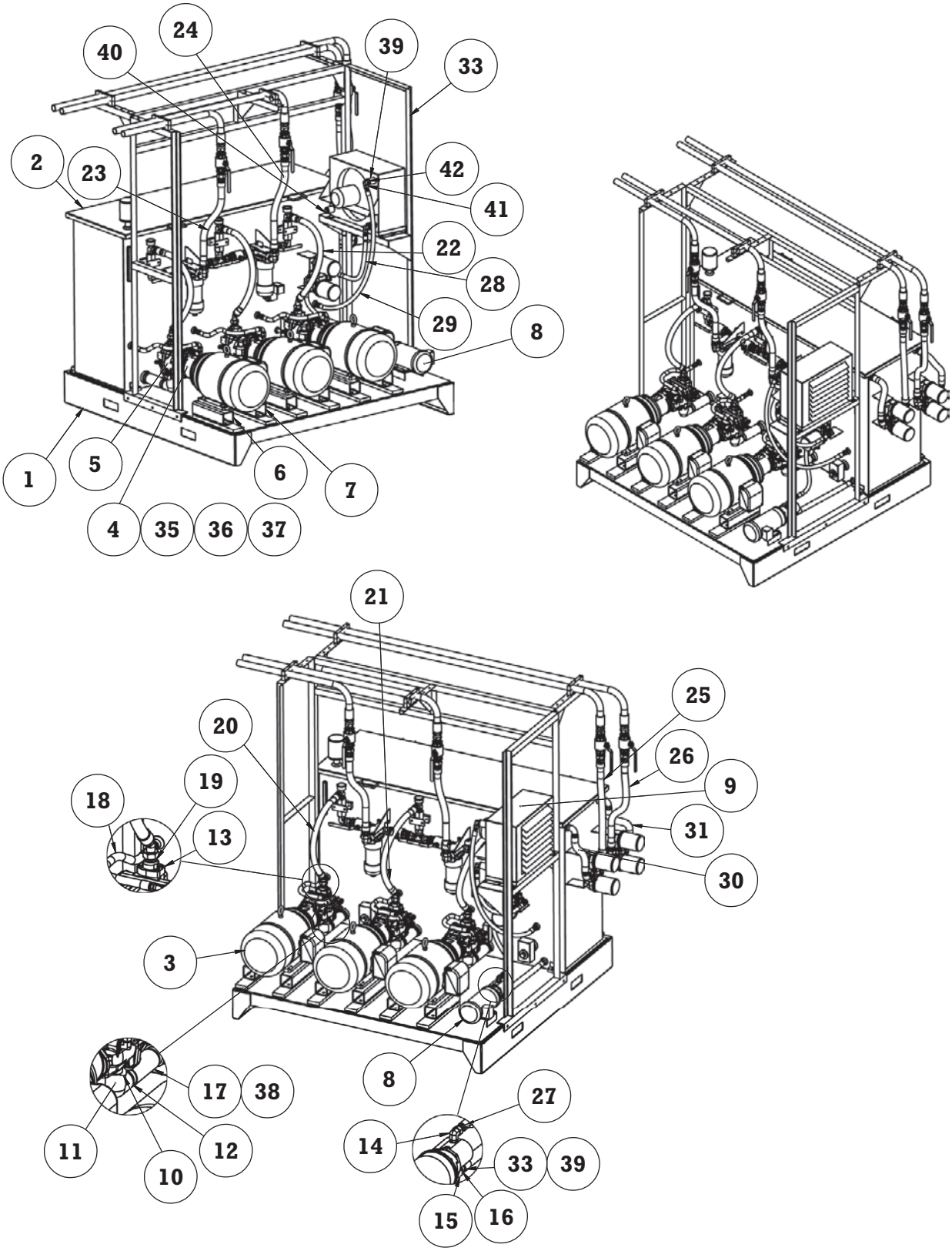
PIPE RACK WITH COMPONENTS (091-22214)



PIPE RACK WITH COMPONENTS (091-22214)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22213	PIPE RACK WELDMENT
2	4	091-24013	PLASTIC BLOCK FOR 1-1/2" PIPE
3	2	810-00012	2" NPT BALL VALVE
4	4	330-00013	STRAIGHT ADAPTOR (MALE 1-1/2" NPT - 24 JIC)
5	4	510-00019	2" NPT X 1-1/2" NPT BUSHING ZINC COATED
6	1	091-22216	PIPE ASSEMBLY FOR PIPE RACK - LONG
7	1	091-22217	PIPE ASSEMBLY FOR PIPE RACK - SHORT
8	2	330-00785-24	SWIVEL CONNECTION (JIC-24 X NPT-24)
9	2	340-00018	36" HOSE ASSEMBLY

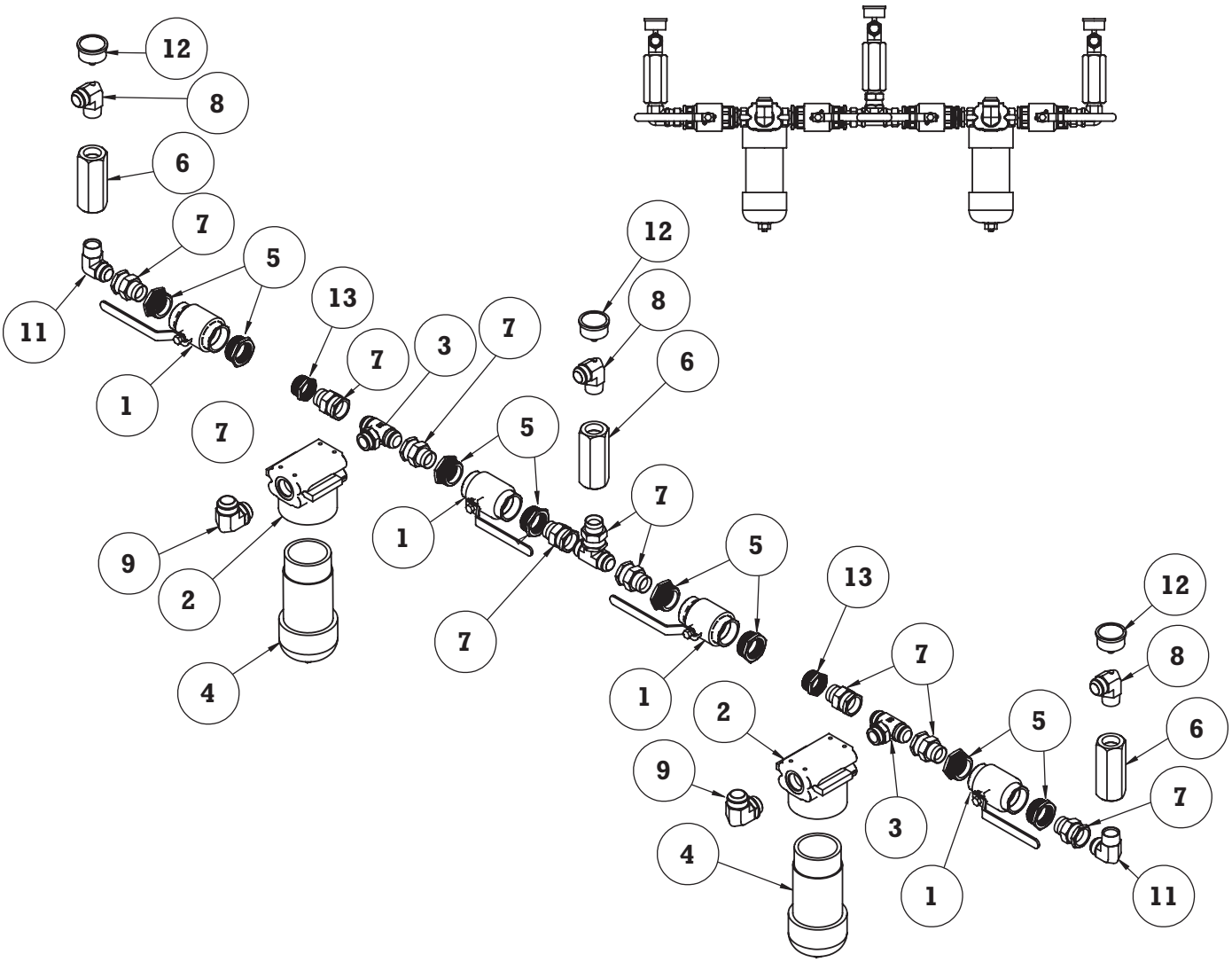
PUMPING UNIT WITH 3–30HP MOTORS (091-22300)



PUMPING UNIT WITH 3–30HP MOTORS (091-22300)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22320	PUMPING UNIT PLATFORM
2	1	091-22311	HYDRAULIC TANK ASSEMBLY
3	3	450-00028	BALDOR 30 HP HIGH EFFICIENTY (286TC FRAME)
4	3	450-00040	MAGNALOY COUPLING HOUSING (M284682C)
5	3	530-00026.1	PRESSURE COMPENSATED 60 GPM PUMP (DANFOSS, “C”-FLANGE)
6	3	091-20183R	MOUNTING SPACER FOR 30 HP MOTOR (RHS)
7	3	091-20183L	MOUNTING SPACER FOR 30 HP MOTOR
8	1	530-00038	PUMPING UNIT FOR KIDNEY LOOP
9	1	330-00859	HEAT EXCHANGER MODEL# AIH AC-20-3
10	3	150-00018	FLANGE, 4 BOLT 2-1/2” (SUCTION PORT) FOR 131 & 141 PUMPS
11	3	510-00058	ELBOW STREET
12	3	510-00192	SPECIAL HOSE BARB 4” LG (2-1/2 NPT - 2-3/4 BARB)
13	3	150-00019	FLANGE, 4 BOLT 1-1/4” (PRESSURE PORT) FOR 131 & 141 PUMPS
14	4	330-00106	STRAIGHT THREAD ELBOW (10 ORB - 12 JIC)
15	1	330-00753	FEMALE PIPE ELBOW (16 ORB - 1” NPT)
16	1	330-00746	HOSE BARB ADAPTER (1” NPT - 1-1/4 BARB)
17	3	330-00576	SUCTION HOSE 2-3/4 ID X 7” LG
18	3	091-00958	DRAIN HOSE 3/4” (PUMP DRAIN TO HYDRAULIC TANK)
19	3	330-00320	MALE CONNECTOR (1-1/4 NPT - 20 JIC)
20	1	091-01071A	PRESSURE HOSE 1-1/4” (PUMP TO PRESSURE FILTER)
21	1	091-01071B	PRESSURE HOSE 1-1/4”(PUMP TO PRESSURE FILTER)
22	1	091-01071C	PRESSURE HOSE 1-1/4”(PUMP TO PRESSURE FILTER)
23	1	091-01071D	36” HOSE ASSEMBLY
24	1	091-01071E	36” HOSE ASSEMBLY
25	1	091-01071F	36” HOSE ASSEMBLY
26	1	091-01071G	36” HOSE ASSEMBLY
27	1	091-01071H	PRESSURE HOSE 3/4”(KIDNEY LOOP TO FILTER)
28	1	091-01071J	RETURN HOSE 3/4”(FILTER TO OIL COOLER)
29	1	091-01071I	RETURN HOSE 3/4”(OIL COOLER TO HYDRAULIC TANK)
30	1	091-01071-08	RETURN HOSE 1-1/2” ID X 21” LG
31	1	091-01071-09	RETURN HOSE 1-1/2” ID X 21” LG
33	1	091-01071-10	SUCTION HOSE 1-1/4” X 25” LG
33	1	091-22331	OVERHEAD PIPE RACK ASSEMBLY
34	3	150-00003	COUPLING HALF MOTOR SIDE (1-7/8”)
35	3	150-00004	COUPLING INSERT (30HP)
36	3	150-00043	COUPLING HALF PUMP SIDE (1-1/2”)
37	6	370-00023	T-BOLT CLAMP
38	3	370-00324	T-BOLT CLAMP
39	3	510-00032	COUPLING 1-1/4 SCH 40 THREADED
40	1	510-00218	MAGNETIC PLUG “MSC”
41	2	330-00085	MALE ELBOW (3/4”NPT - 12JIC)
42	2	510-00012	1-1/4 TO 3/4 THREADED BUSHING

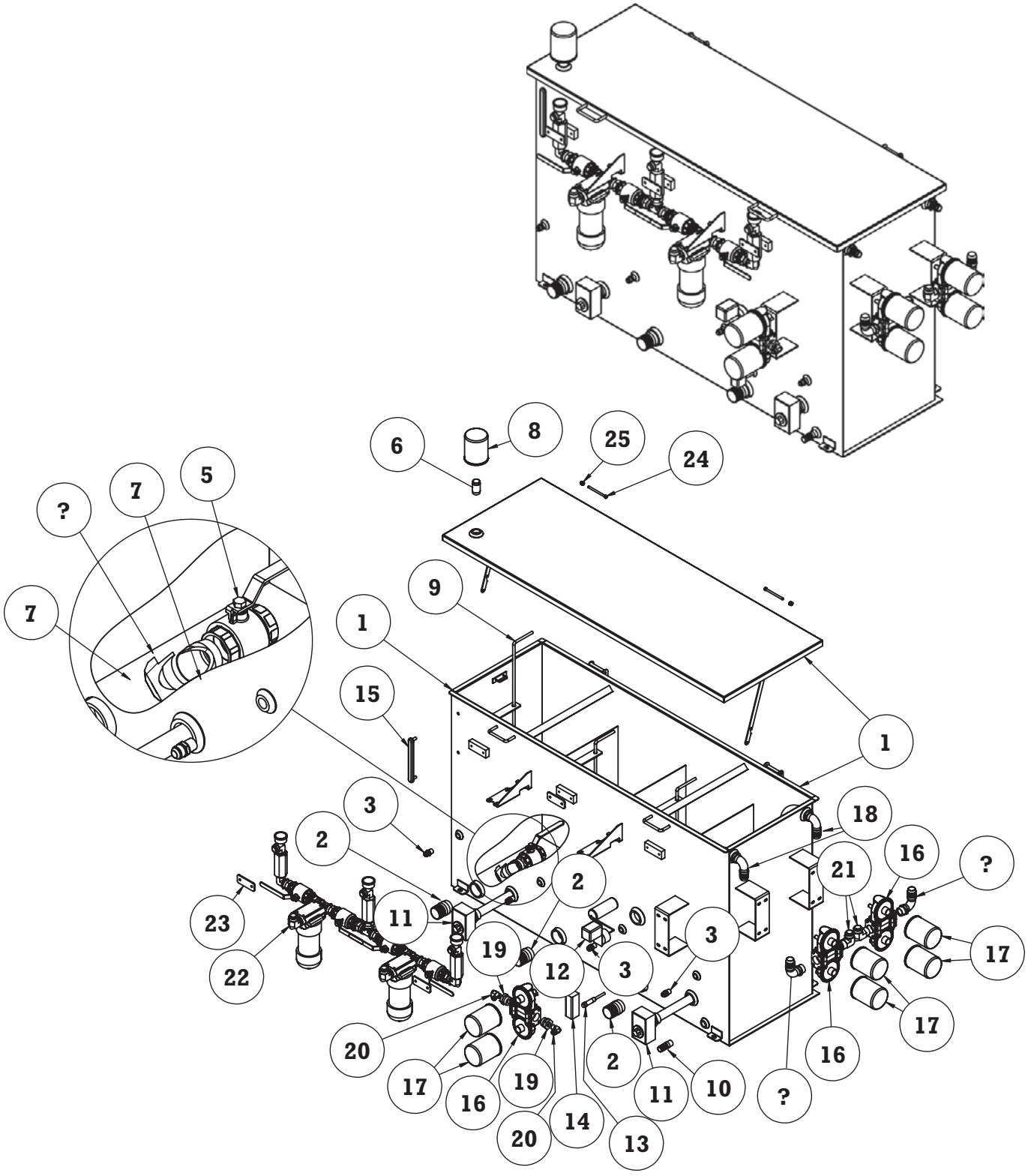
3 PUMP HYDRAULIC CIRCUIT (091-22313)



3 PUMP HYDRAULIC CIRCUIT (091-22313)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	4	810-00012	2" NPT BALL VALVE
2	2	230-00017	PRESSURE FILTER HEAD (3,000 PSI)
3	2	330-00749	STRAIGHT THREAD BRANCH TEE (20ORB - 20JIC - 20JIC)
4	2	230-00015	PRESSURE FILTER CANISTER
5	8	510-00020	2" NPT X 1-1/2" NPT BUSHING ZINC COATED
6	3	810-00072	CHECK VALVE 1-1/4" NPT
7	9	330-00785	SWIVEL CONNECTOR 20 NPT-20JIC(F)
8	3	091-01068-24	90° MALE ELBOW (1-1/4" NPT - 20 JIC) WITH TEST PORT
9	2	330-00137	FITTING
10	1	330-00853	UNION TEE 1-1/4" JIC-JIC-JIC
11	2	330-00088	MALE ELBOW (1-1/4" NPT - 20 JIC)
12	3	290-00020	PRESSURE GAUGE 3000 PSI
13	2	510-00009	1-1/2 COUPLING SCH 40 THRD

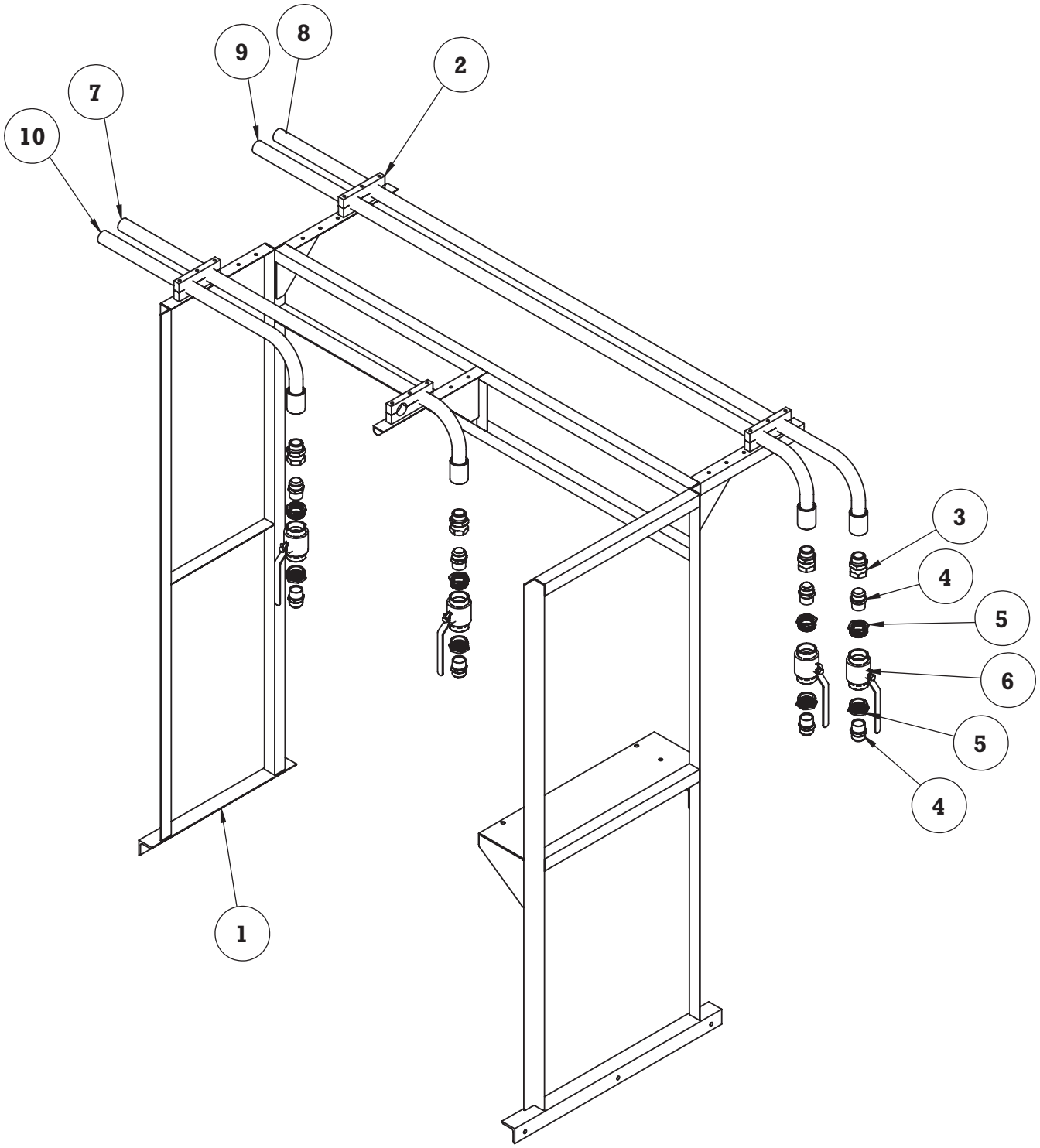
HYDRAULIC TANK ASSEMBLY (091-22311)



HYDRAULIC TANK ASSEMBLY (091-22311)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22310	HYDRAULIC FLUID TANK WELDMENT (KOCH FOODS)
2	3	510-00192	SPECIAL HOSE BARB 4" LG (2-1/2 NPT - 2-3/4 BARB)
3	4	330-00008	MALE CONNECTOR (3/4 NPT - 12 JIC)
4	3	510-00162	2-1/2" NPT STEEL UNION
5	3	810-00232	2-1/2" NPT BRASS BALL VALVE
6	1	330-00750	TANK BREATHER ADAPTER
7	6	510-00059	NIPPLE CLOSE
8	1	230-00020	TANK BREATHER WITH PAPER MEDIA
9	3	091-22312	BALL VALVE REMOTE HANDLE
10	1	330-00746	HOSE BARB ADAPTER (1" NPT - 1-1/4 BARB)
11	2	190-00066	OIL HEATER
12	1	190-00070	LIQUID LEVEL FLOAT SWITCH
13	1	190-00211A2	CLIP-ON COPPER WELL 1/2 NPT
14	1	190-00211A1	TEMPERATURE CONTROLLER FOR OIL COOLER FAN
15	1	097-00016	SIGHT GAUGE (HYDRAULIC)
16	3	230-00022	RETURN FILTER HEAD
17	6	230-00060	RETURN FILTER WITH GLASS MEDIA
18	4	330-00747	90° HOSE BARB ADAPTER (1-1/2" NPT - 1-1/2 BARB)
19	2	510-00233	1-1/2" TO 3/4" BUSHING
20	2	330-00085	MALE ELBOW (3/4"NPT - 12JIC)
21	2	330-00089	MALE ELBOW (1-1/2" NPT - 24 JIC)
22	1	091-22313	3 PUMP HYDRAULIC CIRCUIT
23	3	091-20994	CHECK VALVE HOLDER
24	2	REF	SCREW CAP HEX HD NC GR 5
25	2	REF	NUT ESNA 3/8"

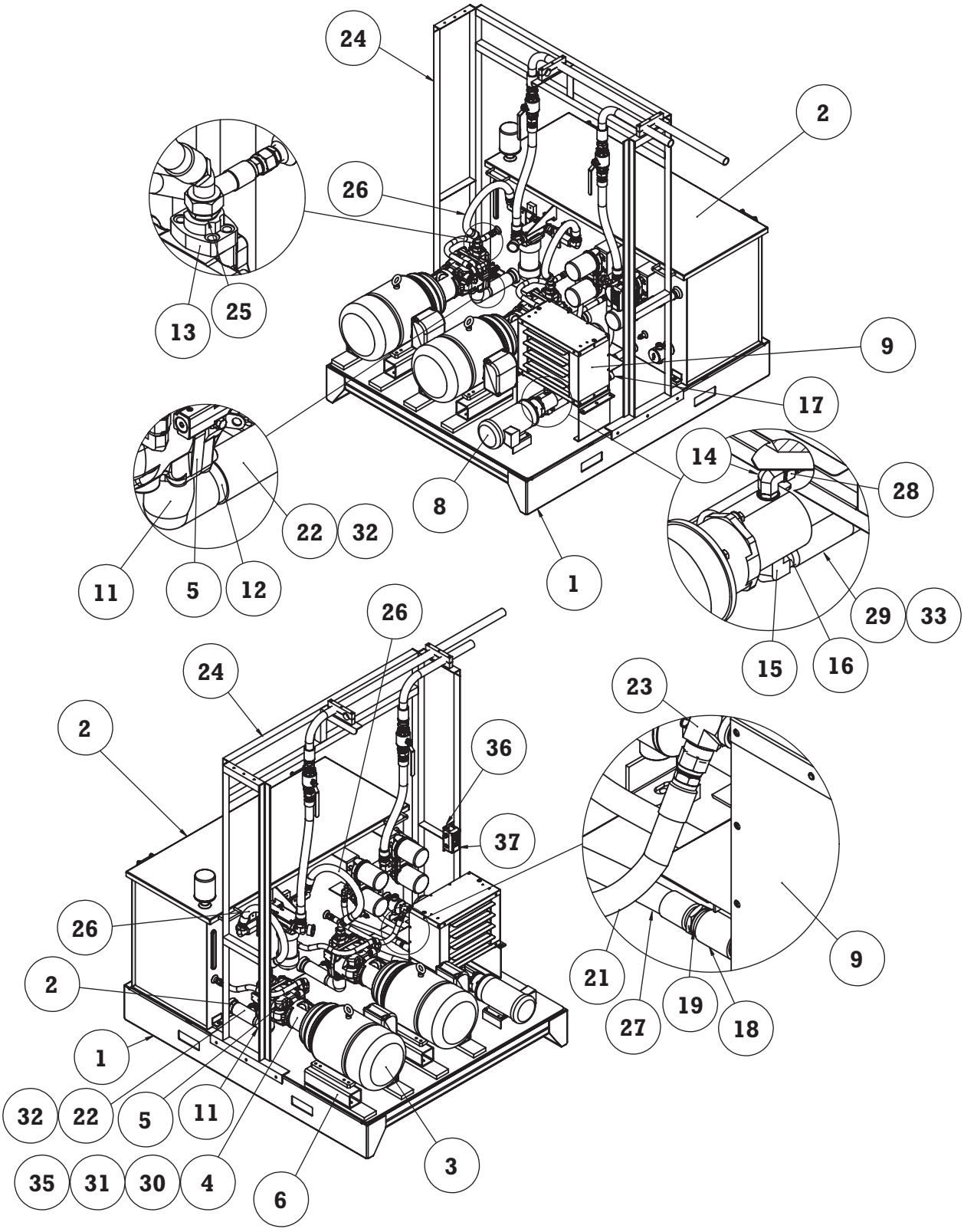
OVERHEAD PIPE RACK ASSEMBLY (091-22331)



OVERHEAD PIPE RACK ASSEMBLY (091-22331)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22330	PIPE RACK WELDMENT
2	8	091-24013	PLASTIC BLOCK FOR 1-1/2" PIPE
3	4	330-00785-24	SWIVEL CONNECTION (JIC-24 X NPT-24)
4	8	330-00013	STRAIGHT ADAPTOR (MALE 1-1/2" NPT - 24 JIC)
5	8	510-00019	2" NPT X 1-1/2" NPT BUSHING ZINC COATED
6	4	810-00012	2" NPT BALL VALVE
7	1	091-22216	PIPE ASSEMBLY FOR PIPE RACK - LONG
8	1	091-01072A	PIPE ASSEMBLY FOR PIPE RACK - LONG
9	1	091-01072B	PIPE ASSEMBLY FOR PIPE RACK - LONG
10	1	091-01072C	PIPE ASSEMBLY FOR PIPE RACK - SHORT

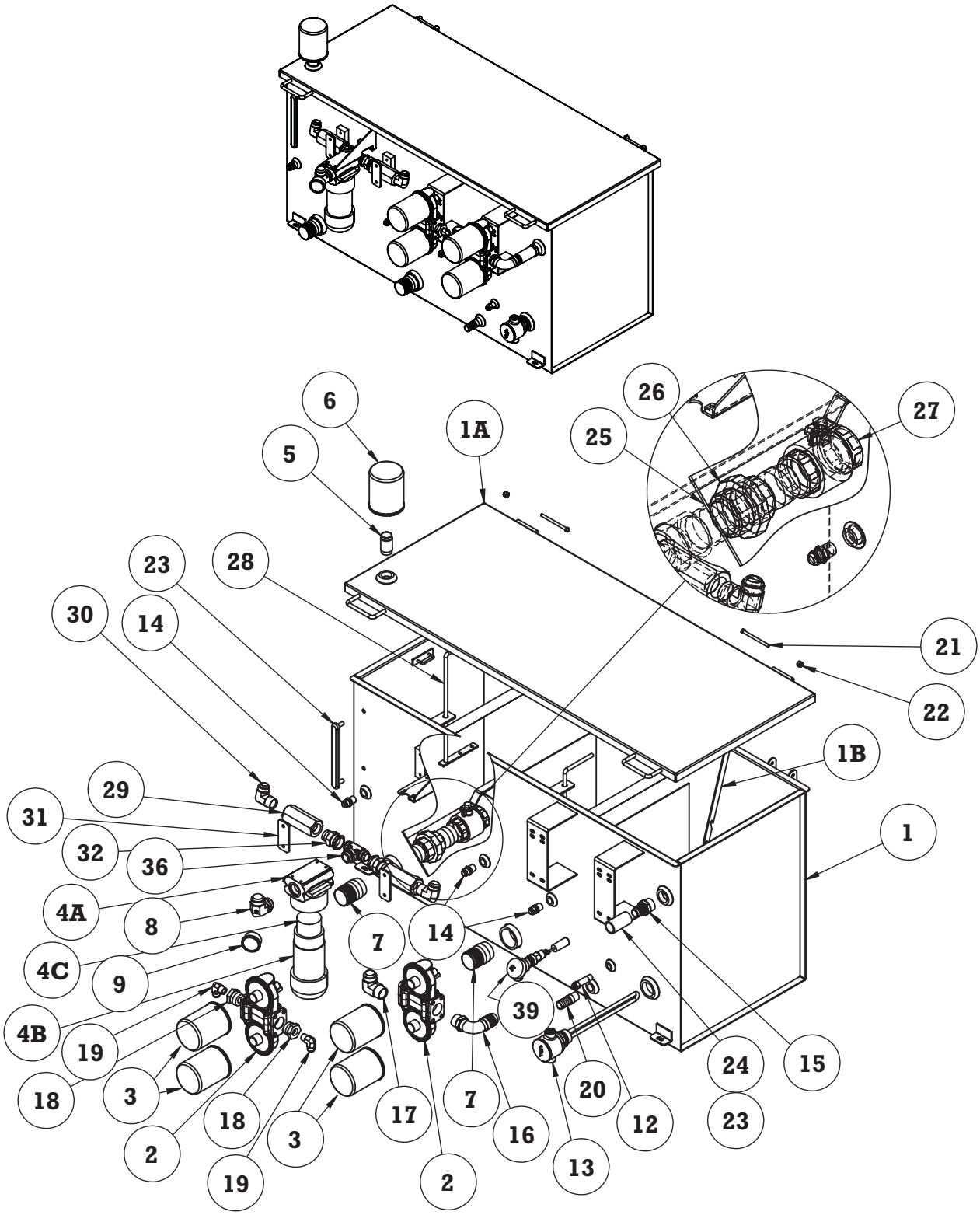
68" WIDE PUMPING UNIT W 30 HP MOTORS AND 60 GPM PUMPS (091-22003)



68” WIDE PUMPING UNIT W/ 30 HP MOTORS AND 60 GPM PUMPS (091-22003)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22101	68” PUMPING UNIT BASE WELDMENT
2	1	091-22103	HYDRAULIC TANK ASSEMBLY
3	2	450-00028	BALDOR 30 HP HIGH EFFICIENTY (286TC FRAME)
4	2	450-00040	MAGNALOY COUPLING HOUSING (M284682C)
5	2	530-00026.1	PRESSURE COMPENSATED 60 GPM PUMP (DANFOSS, “C”-FLANGE)
6	2	091-20183R	MOUNTING SPACER FOR 30 HP MOTOR (RHS)
7	2	091-20183L	MOUNTING SPACER FOR 30 HP MOTOR
8	1	530-00038	PUMPING UNIT FOR KIDNEY LOOP
9	1	310-00001	OIL COOLER
10	2	150-00018	FLANGE, 4 BOLT 2-1/2” (SUCTION PORT) FOR 131 & 141 PUMPS
11	2	510-00058	ELBOW STREET
12	2	510-00192	SPECIAL HOSE BARB 4” LG (2-1/2 NPT - 2-3/4 BARB)
13	2	150-00019	FLANGE, 4 BOLT 1-1/4” (PRESSURE PORT) FOR 131 & 141 PUMPS
14	3	330-00106	STRAIGHT THREAD ELBOW (10 ORB - 12 JIC)
15	1	330-00753	FEMALE PIPE ELBOW (16 ORB - 1” NPT)
16	1	330-00746	HOSE BARB ADAPTER (1” NPT - 1-1/4 BARB)
17	1	510-00027	THREADED CAP 1” NPT (3000 PSI)
18	1	510-00036	COUPLING STEEL STD PIPE
19	1	330-00011	MALE CONNECTOR (1” NPT - 12 JIC)
20	3	091-01133-01	DRAIN HOSE 3/4” (PUMP DRAIN TO HYDRAULIC TANK)
21	1	091-20191	RETURN HOSE 3/4” (OIL COOLER TO HYDRAULIC TANK)
22	2	330-00576	SUCTION HOSE 2-3/4 ID X 7” LG
23	1	330-00378	FEMALE ELBOW (1” NPT - 12 JIC MALE)
24	1	091-22105	PIPE RACK W COMPONENTS
25	2	330-00320	MALE CONNECTOR (1-1/4 NPT - 20 JIC)
26	2	091-20992	PRESSURE HOSE 1-1/4” (PUMP TO PRESSURE FILTER)
27	1	091-01133-03	RETURN HOSE 3/4” (FILTER TO COOLER)
28	1	091-01133-04	PRESSURE HOSE 3/4” (KIDNEY LOOP PUMP TO FILTER)
29	1	330-00303	SUCTION HOSE 1-1/4” ID X 29-1/2”LG
30	2	150-00003	COUPLING HALF MOTOR SIDE (1-7/8”)
31	2	150-00004	COUPLING INSERT (30HP)
32	2	370-00023	T-BOLT CLAMP
33	4	330-00324	T-BOLT CLAMP
34	1	091-22105	PIPE RACK WITH COMPNENTS
35	2	150-00043	COUPLING HALF PUMP SIDE (1-1/2”)
36	1	091-01156	PENN TEMP. CONTROLLER BRACKET
37	1	091-24945	ELECTRONIC TEMP CONTROLLER - #A421AEC-02C

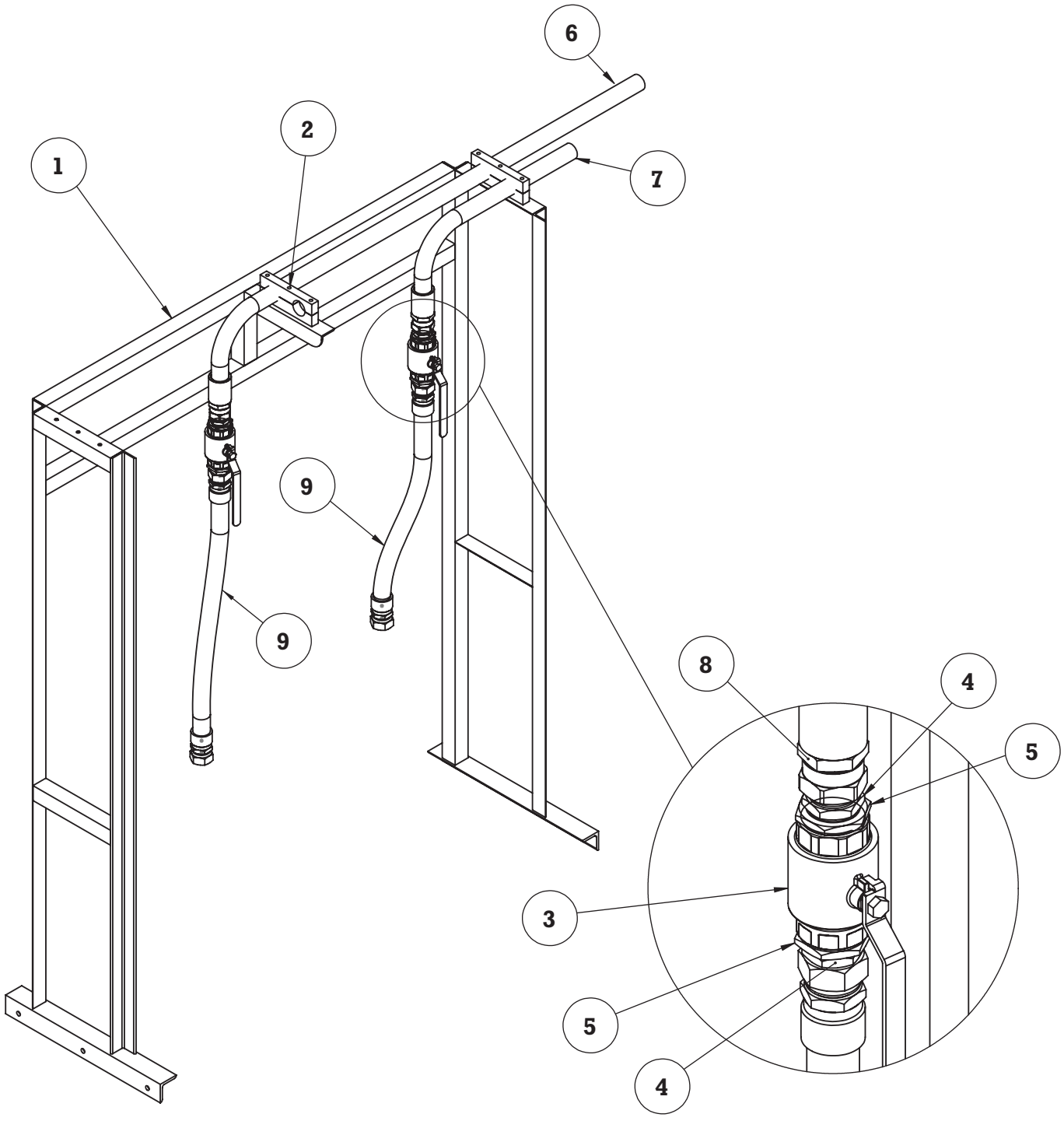
HYDRAULIC TANK ASSEMBLY (091-22103)



HYDRAULIC TANK ASSEMBLY (091-22103)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22102	HYDRAULIC TANK WELDMENT
1A	REF	091-24940	HYDRAULIC TANK LID
1B	REF	091-20175	HYDRAULIC TANK LATCH
2	2	230-00022	RETURN FILTER HEAD
3	4	230-00060	RETURN FILTER WITH GLASS MEDIA
4A	1	230-00017	PRESSURE FILTER HEAD (3000 PSI)
4B	1	230-00015	PRESURE FILTER CANISTER
4C	1	230-00059	PRESSURE FILTER ELEMENT
5	1	330-00750	TANK BREATHER ADAPTER
6	1	230-00020	TANK BREATHER WITH PAPER MEDIA
7	2	510-00192	SPECIAL HOSE BARB 4" LG (2-1/2 NPT - 2-3/4 BARB)
8	1	091-20180	FITTING WITH TEST PORT
9	1	290-00020	PRESSURE GAUGE 3000 PSI
12	1	091-24944	THERMOWELL, TEMP SENSOR, 1/2 NPT
13	1	190-00066	OIL TANK HEATER
14	3	330-00008	MALE CONNECTOR (3/4 NPT - 12 JIC)
15	1	330-00748	STRAIGHT HOSE BARB ADAPTER (1-1/2" NPT - 1-1/2 BARB)
16	1	330-00747	90° HOSE BARB ADAPTER (1-1/2" NPT - 1-1/2 BARB)
17	1	330-00089	MALE ELBOW (1-1/2" NPT - 24 JIC)
18	2	510-00233	1-1/2" TO 3/4" BUSHING
19	2	330-00085	MALE ELBOW (3/4"NPT - 12JIC)
20	1	330-00746	HOSE BARB ADAPTER (1" NPT - 1-1/4 BARB)
21	2	REF	SCREW CAP HEX HD NC GR 5
22	2	REF	NUT ESNA 3/8"
23	1		SIGHT GAUGE (HYD.) 097-00016
24	1	330-00293	RETURN HOSE 1-1/2" ID X 3-1/2" LG
25	4	510-00059	NIPPLE CLOSE
26	2	510-00162	2-1/2" NPT STEEL UNION
27	2		2-1/2" NPT BRASS BALL VALVE 810-00232
28	2	091-22212	BALL VALVE REMOTE HANDLE
29	2		CHECK VALVE 1-1/4" NPT 810-00072
30	2	330-00088	MALE ELBOW (1-1/4" NPT - 20 JIC)
31	2	091-20994	CHECK VALVE HOLDER
32	2	330-00785	SWIVEL CONNECTOR 20 NPT-20JIC(F)
33	1	230-00017	PRESSURE FILTER HEAD (3,000 PSI)
34	1	230-00015	PRESSURE FILTER CANISTER
35	1	230-00059	PRESSURE FILTER ELEMENT
36	1	330-00749	STRAIGHT THREAD BRANCH TEE (20ORB - 20JIC - 20JIC)
39	1	091-24946	LOW OIL LEVEL SWITCH - DWYER DWY L8-WP2

PIPE RACK WITH COMPONENTS (091-22105)



PIPE RACK WITH COMPONENTS (091-22105)

ITEM	QTY.	PART NUMBER	DESCRIPTION
1	1	091-22104	PIPE RACK WELDMENT
2	4	091-24013	PLASTIC BLOCK FOR 1-1/2" PIPE
3	2	810-00012	2" NPT BALL VALVE
4	4	330-00013	STRAIGHT ADAPTOR (MALE 1-1/2" NPT - 24 JIC)
5	4	510-00019	2" NPT X 1-1/2" NPT BUSHING ZINC COATED
6	1	091-22216	PIPE ASSY FOR PIPE RACK - LONG
7	1	091-22217	PIPE ASSY FOR PIPE RACK - SHORT
8	2	330-00785-24	SWIVEL CONNECTION (JIC-24 X NPT-24)
9	2	340-00018	36" HOSE ASSEMBLY