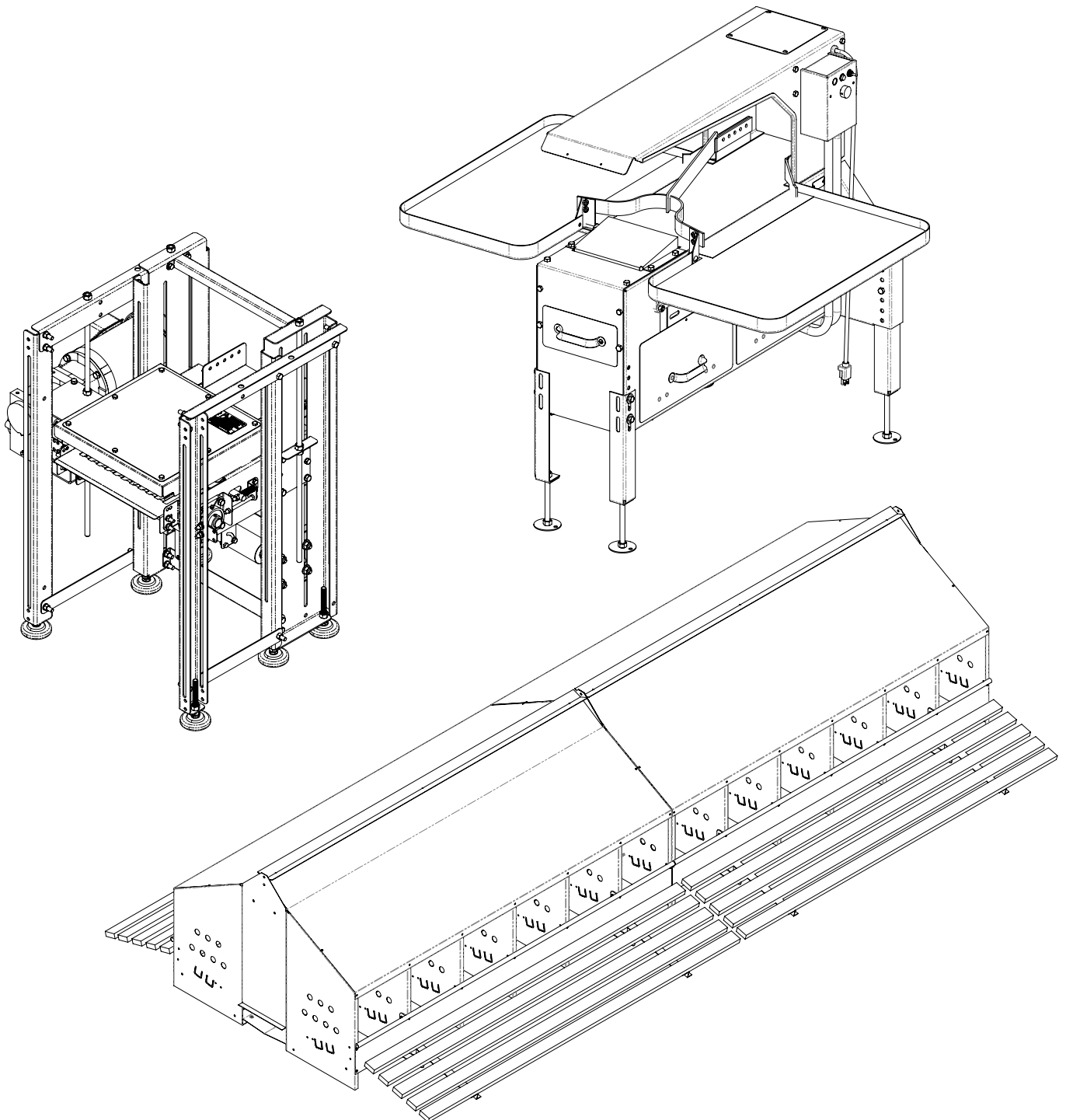




Center Belt Mechanical Nest

413000, 413000-LB, 413056,
413461, 425001, 425002, 425004

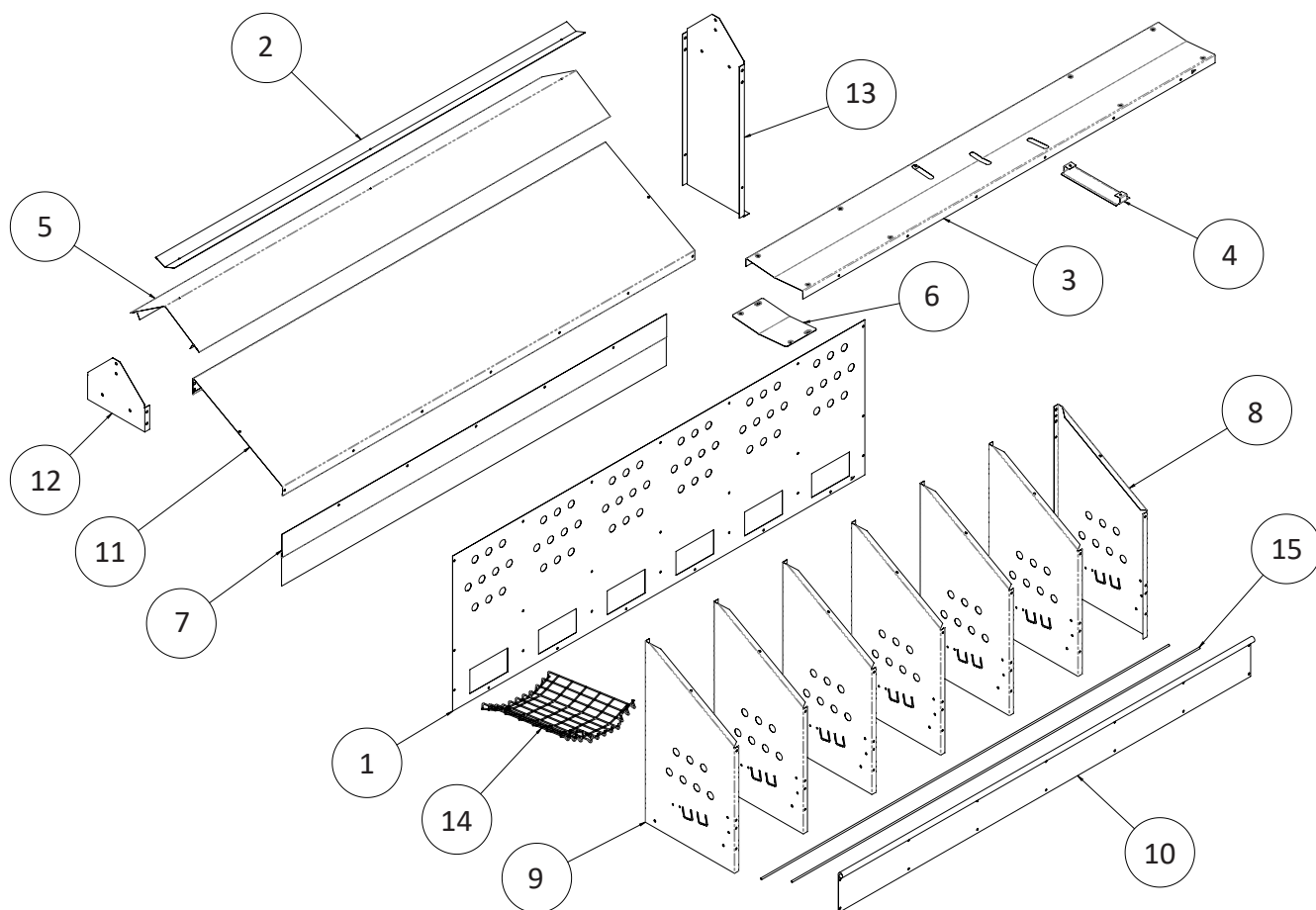
Repair Parts List



Parts Pages - Automatic Nest Components

ITEM #	PART #	QTY	DESCRIPTION
413000 AUTOMATIC NEST - PARTS LIST			
1	410753	2	BACK PANEL
2	410757	1	ANTI-ROOST PLATE
3	410758	1	EGG TROUGH
4	410759	2	BELT GUIDE
5	410760	1	TOP CENTER ROOF
6	410764	2	EGG TROUGH JOINER PLATE
7	410770	2	CURTAIN ASSEMBLY

ITEM #	PART #	QTY	DESCRIPTION
413000 AUTOMATIC NEST - PARTS LIST			
8	413001	2	RIGHT NEST PARTITION
9	413002	12	LEFT NEST PARTITION
10	413003	2	FRONT PANEL
11	413004	2	NEST TOP
12	413007	1	MIDDLE BRACE
13	413008	1	END BRACE
14	413053	12	NEST BOTTOM
15	413067	4	59.375" GALV WIRE ROD

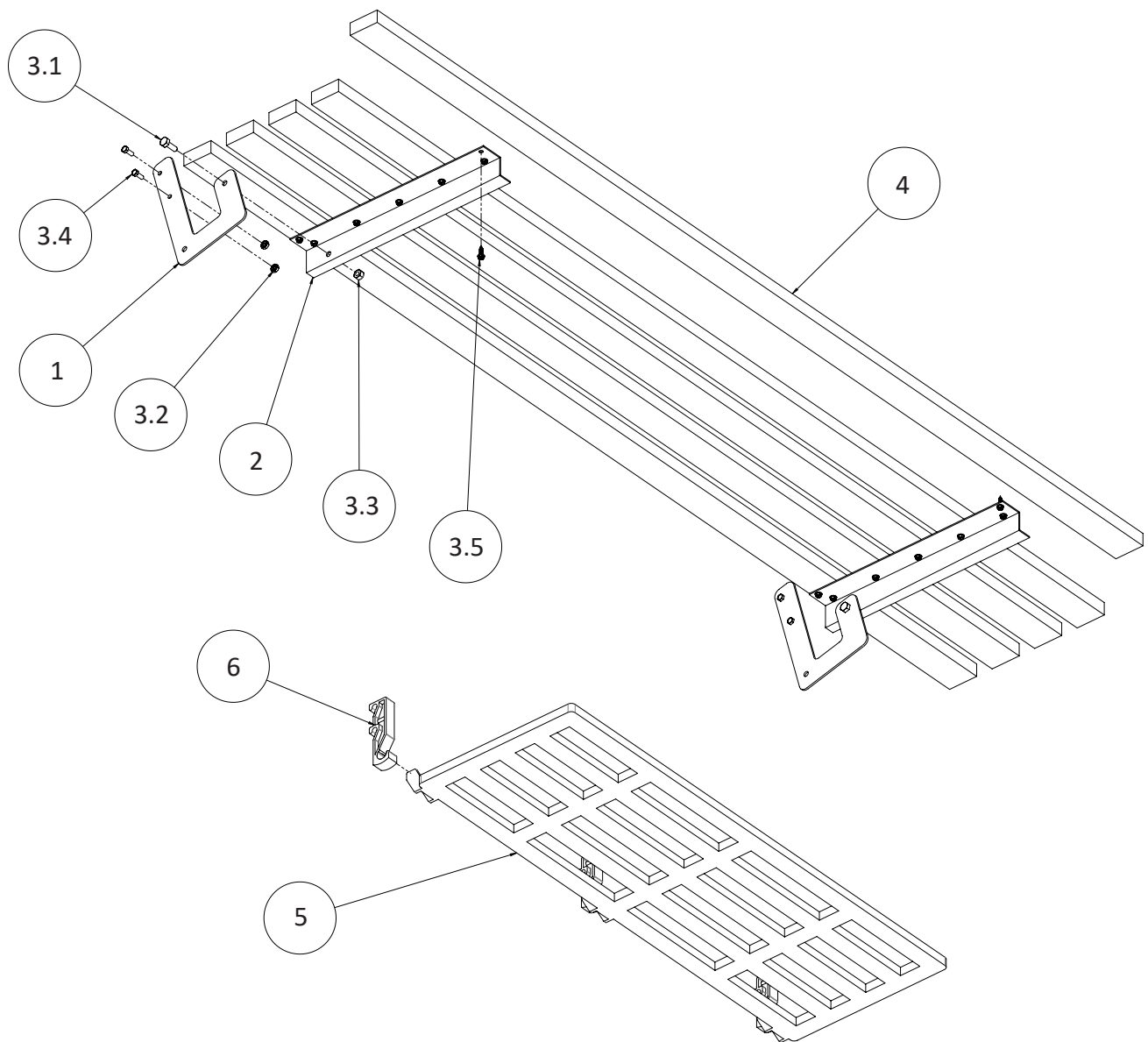


NOTE: The 413003 front panels are standard for nests 413000 & 413000-LB. The 413056 nest uses 413059 front panels instead of 413003 front panels.

Perch Options

ITEM #	PART #	QTY	DESCRIPTION
413060 SET OF GALVANIZED PERCH ARMS - PARTS LIST			
1	410630	4	"J" ARM SUPPORT
2	410631	4	PERCH ARM - RAMP STYLE
3	413019	1	HARDWARE BAG
3.1	010617	4	1/4-20 X 3/4" HEX BOLT
3.2	012408	8	#10-24 HEX LOCKNUT
3.3	012793	4	1/4-20 NYLOCK NUT
3.4	012795	8	#10-24 X 1/2" HEX HEAD SCREW
3.5	410635	28	#8 X 5/8" SHEET METAL SCREW

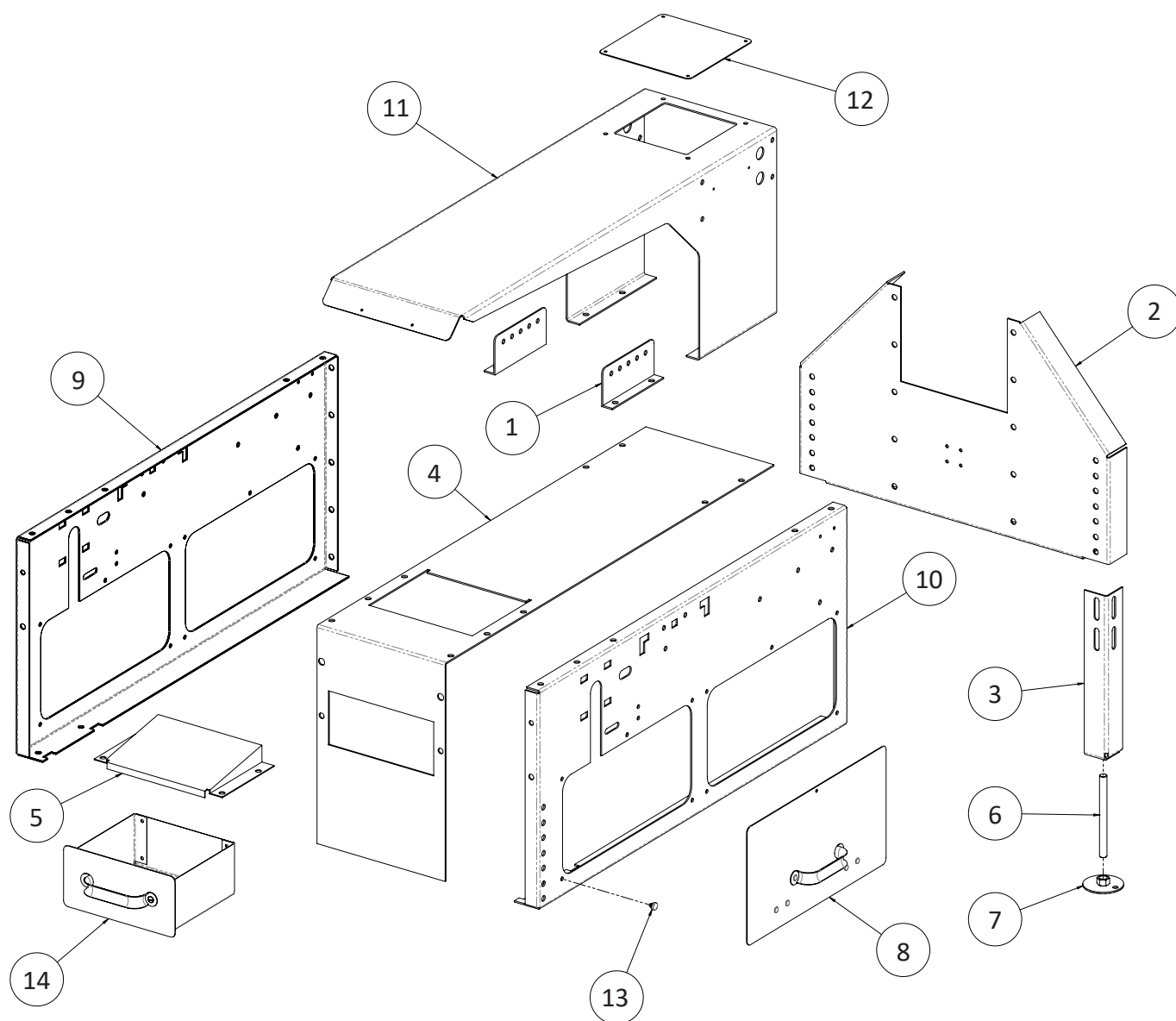
ITEM #	PART #	QTY	DESCRIPTION
413065 SET OF 10 PERCH BOARDS - PARTS LIST			
4	410632	10	PERCH BOARD
410618 OPTIONAL PLASTIC PERCH KIT - PARTS LIST			
5	410619	4	PLASTIC PERCH RAMP & CLIP
6	410620	12	DOUBLE NOTCH HANGER



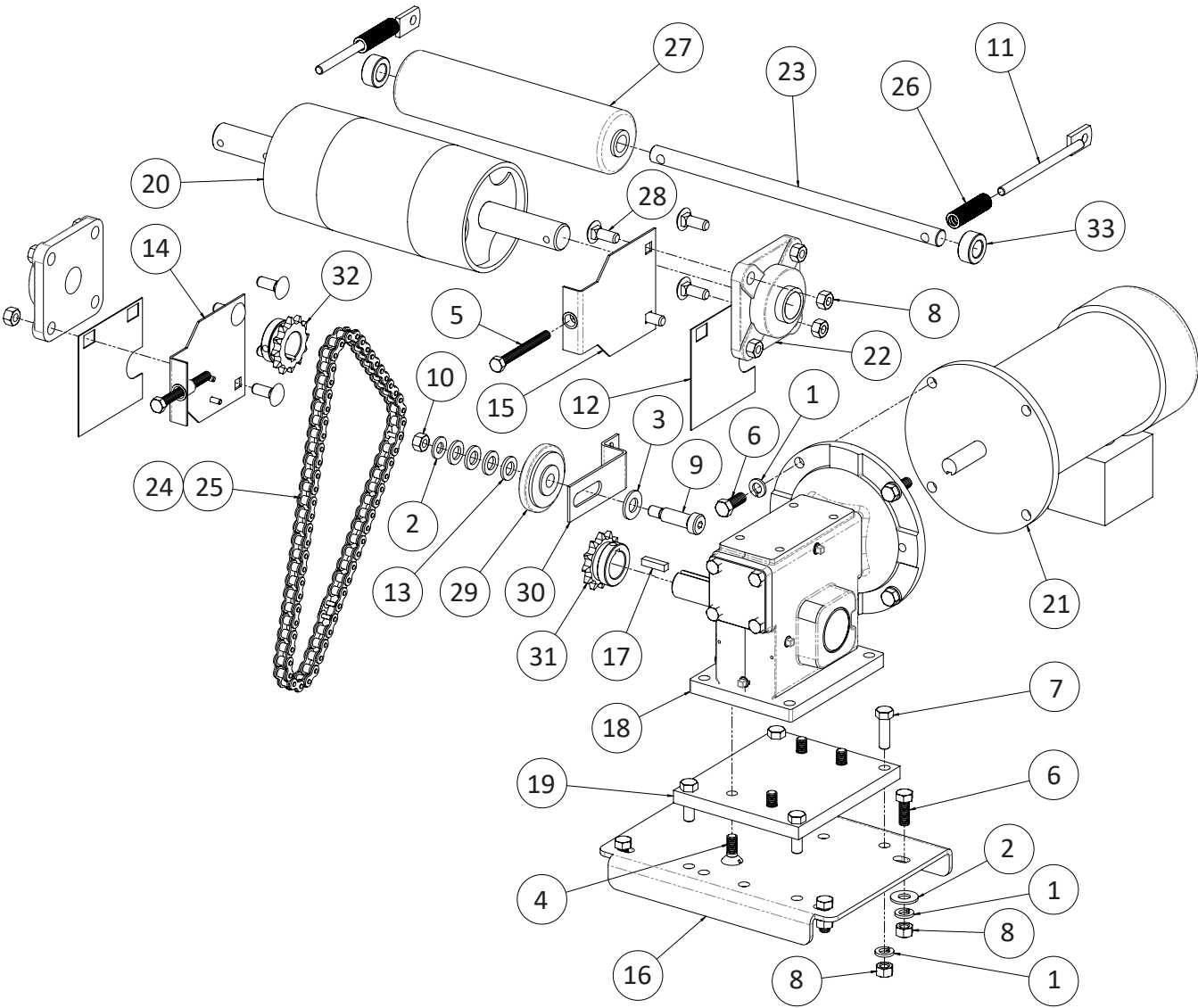
Collection Table Components

ITEM #	PART #	QTY	DESCRIPTION
COMMON COLLECTION TABLE PARTS			
1	410740	2	RAIL BRACKET
2	410773	1	TABLE BACK PANEL
3	410775	4	TABLE LEG
	410858	4	LONG TABLE LEG <i>(optional)</i>
4	410783	1	TOP FRONT PANEL
5	410813	1	DRIVE ROLL COVER
6	410895	4	ADJUSTABLE LEG ROD
7	410897	4	FOOT ASSEMBLY WITH NUT

ITEM #	PART #	QTY	DESCRIPTION
COMMON COLLECTION TABLE PARTS			
8	410950	4	ACCESS DOOR
9	425005	1	LEFT TABLE SIDE
10	425006	1	RIGHT TABLE SIDE
11	425010	1	TABLE RACK
12	425015	1	JUCTION BOX COVER
13	425036	16	RUBBER BUMPER
14	425057	1	LITTER DRAWER



Collection Table Motor Components: Exploded View



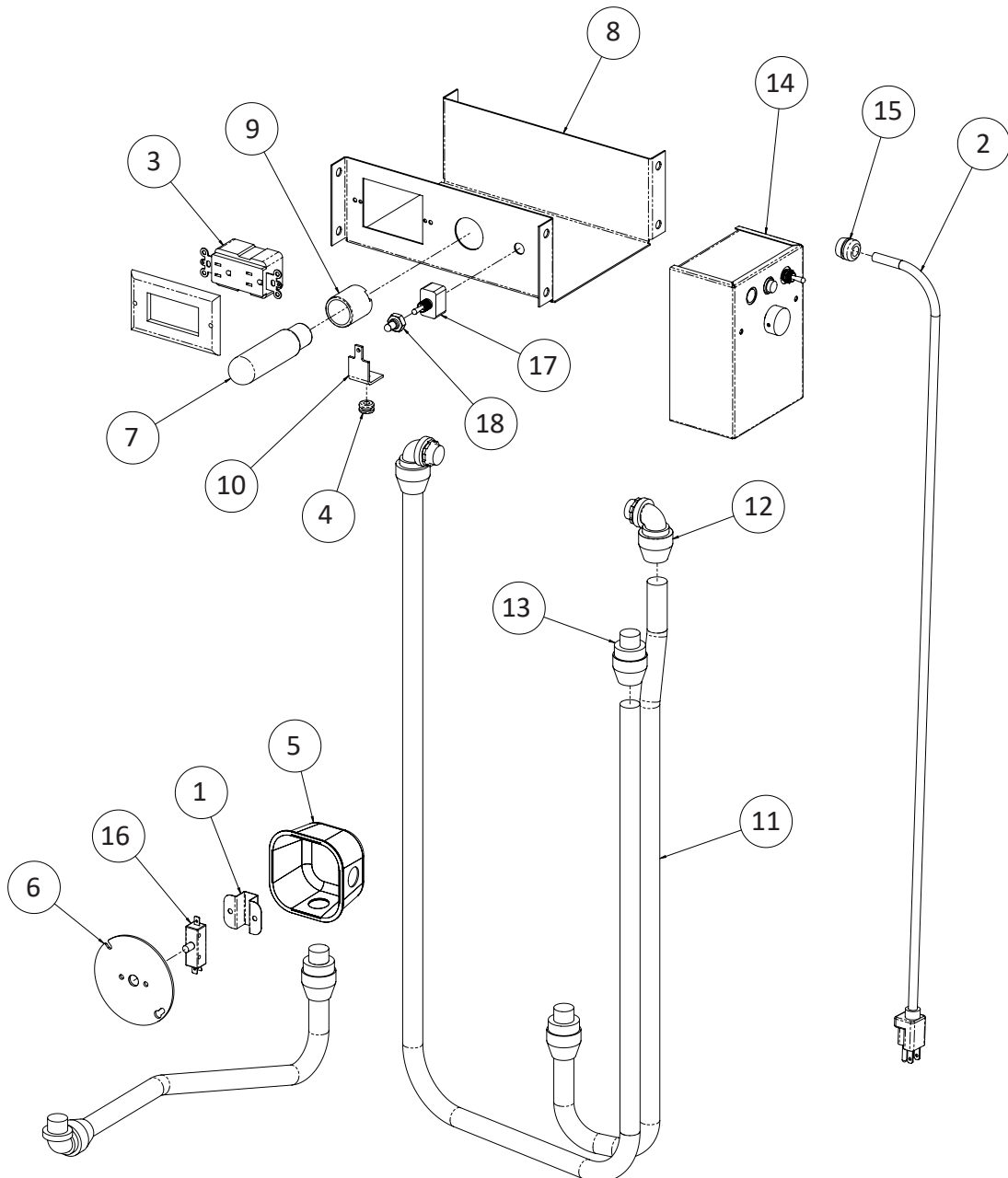
Collection Table Motor Components: Parts List

ITEM #	PART #	QTY	DESCRIPTION
COLLECTION TABLE MOTOR PARTS			
1	010253	12	3/8" LOCK WASHER
2	010430	5	3/8" FLAT WASHER
3	010437	1	1/2" FLAT WASHER
4	010441	4	3/8-16 X 1" FLAT HEAD SCREW
5	010654	2	5/16" X 3" HEX BOLT
6	010664	8	3/8" X 1" HEX BOLT
7	010666	4	3/8" X 1-1/4" HEX BOLT
8	011115	16	3/8-16 HEX NUT
9	011385	1	1/2" X 1-1/4" SHOULDER BOLT
10	011386	1	3/8-16 REVERSE LOCK HEX NUT
11	410745	2	PINCH ROLLER SPRING BRACKET
12	410838	2	CHAIN GUARD
13	410863	4	.51 ID / .875 OD WASHER
14	410975	1	LEFT BOLT TENSIONER BRACKET
15	410976	1	RIGHT BOLT TENSIONER BRACKET
16	410987	1	TABLE MOTOR MOUNT
17	412135	1	1/4" X 1/4" X 1" KEY
18	412528	1	REDUCER
19	412529	1	MOUNTING PLATE
20	420440	1	DRIVE ROLLER ASSEMBLY
21	420449	1	MOTOR 1/2HP 90VDC
	415408	1	MOTOR 3/4HP 90VDC
	410268	1	MOTOR 3/4HP 180VDC
22	420451	2	BEARING
23	420456	1	5/8" X 12-5/8" SHAFT
24	420462	3	#40 ROLLER CHAIN
25	420463	1	#40 MASTER LINK
26	420464	2	PINCH ROLLER SPRING
27	420465	1	9.5" ROLLER
28	425019	8	3/8" X 1-1/4" CARRIAGE BOLT
29	425053	1	ROLLER CHAIN TIGHTENER
30	425066	1	CHAIN IDLE SUPPORT BRACKET
31	425083	1	SPROCKET, #40 16T ROLLER CHAIN
32	425084	1	SPROCKET W/HOLE, #40 16T ROLLER CHAIN
33	713414	2	5/8" LOCKING COLLAR

Note: If replacing motor 415408 (Item 21), then (1) 425045 (Item 12, Page 7) should also be ordered when replacing the motor.

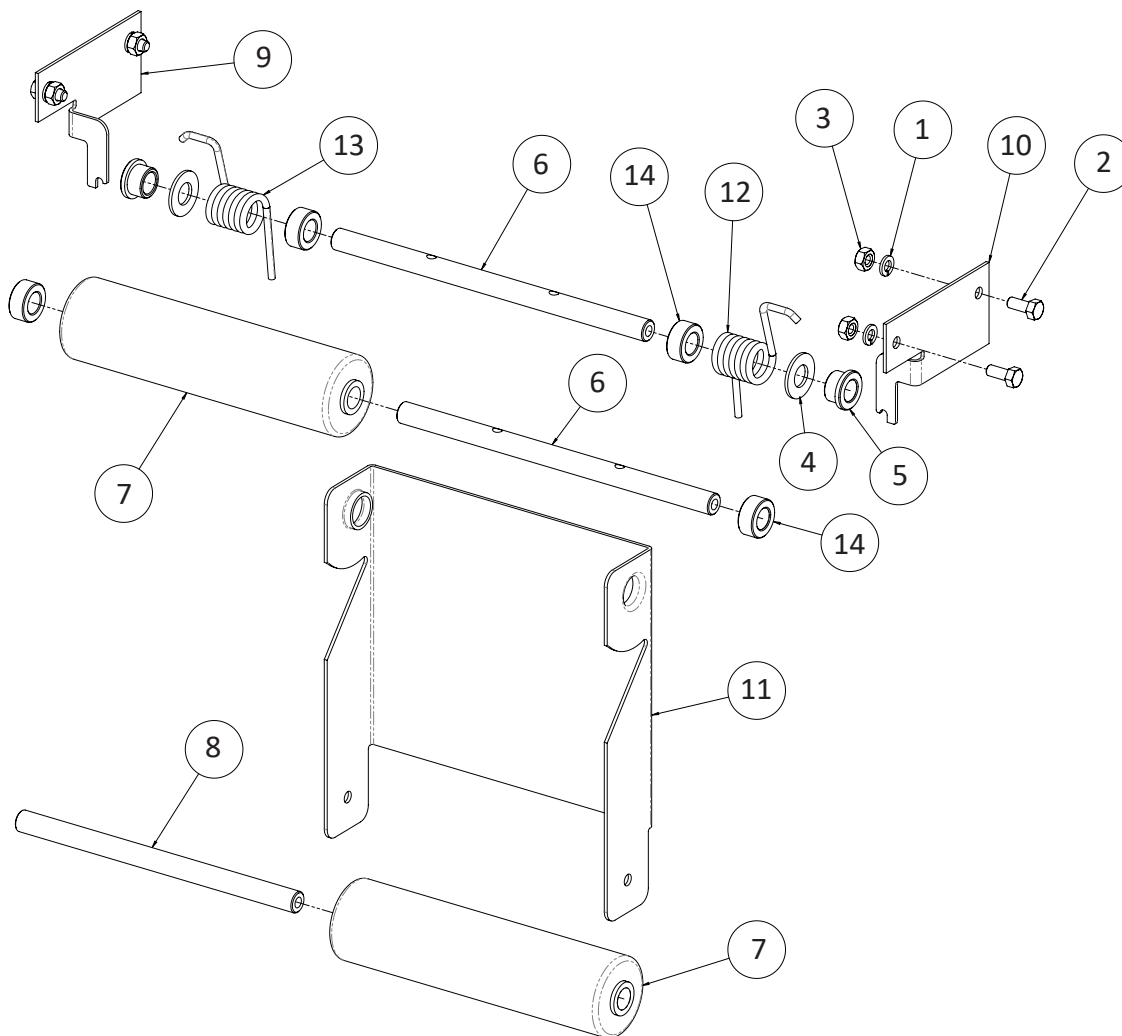
Collection Table - Electronic Control Components

ITEM #	PART #	QTY	DESCRIPTION	ITEM #	PART #	QTY	DESCRIPTION
COLLECTION TABLE - ELECTRONIC CONTROL PARTS				COLLECTION TABLE - ELECTRONIC CONTROL PARTS			
1	410744	1	AUTO SHUTOFF SWITCH BRACKET	11	425044	12	1/2" FLEXIBLE TUBING
2	412191	1	120V ELECTRIC CORD	12	425045	3	1/2" 90 DEGREE CONNECTOR
3	415411	1	GROUND FAULT INTERRUPTER	13	425046	3	1/2" STRAIGHT CONNECTOR
4	415441	1	RUBBER GROMMET	14	425086	1	1/2HP 120V CONTROL
5	420469	1	4" JUNCTION BOX		425087	1	3/4HP 120V CONTROL
6	420470	1	4" JUNCTION BOX COVER		425089	1	3/4HP 230V CONTROL
7	425013	1	LIGHT BULB	15	450404	1	STRAIN RELIEF
8	425014	1	OUTLET SWITCH BRACKET	16	720017	1	SNAP ACTION SWITCH
9	425017	1	LIGHT SOCKET	17	723424	1	TOGGLE SWITCH
10	425018	1	LIGHT SOCKET BRACKET	18	750657	1	TOGGLE SWITCH BOOT

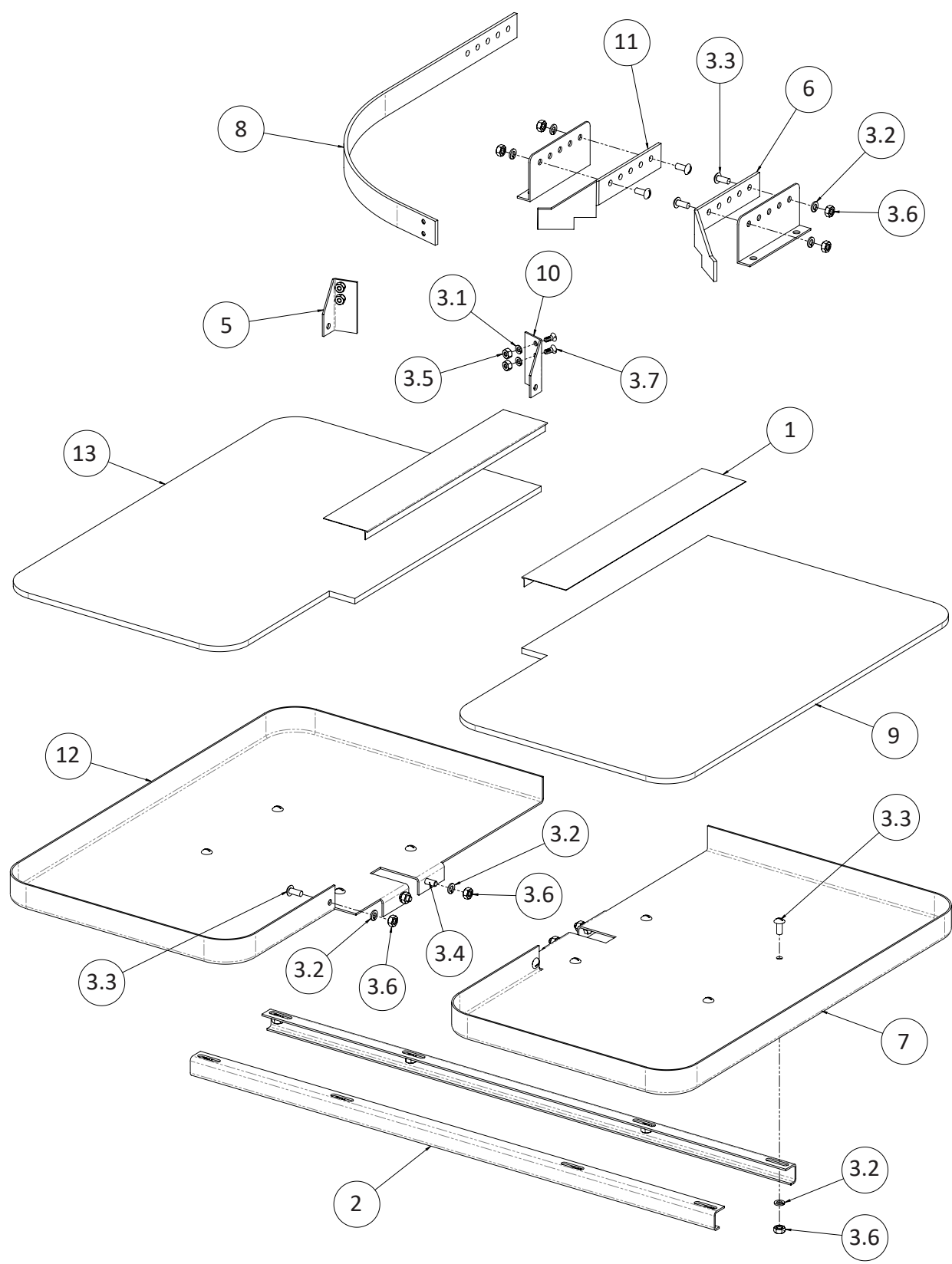


Collection Table - Tensioner Components

ITEM #	PART #	QTY	DESCRIPTION
COLLECTION TABLE - TENSIONER PARTS			
1	010252	4	5/16" LOCK WASHER
2	010643	4	5/16-18 X 3/4" HEX BOLT
3	011114	4	5/16-18 HEX NUT
4	012691	2	5/8" FLAT WASHER
5	415427	2	.627" X 5/8" BEARING
6	420448	2	5/8" X 10-5/8" SHAFT
7	420465	2	9-1/2" ROLLER
8	420485	1	5/8" X 9-9/16" SHAFT
9	425011	1	LEFT BELT TENSION BRACKET
10	425012	1	RIGHT BELT TENSION BRACKET
11	425043	1	TABLE BELT IDLER BRACKET
12	500482	1	RIGHT HANDLE LOCK SPRING
13	500492	1	LEFT HANDLE LOCK SPRING
14	713414	4	5/8" LOCKING COLLAR



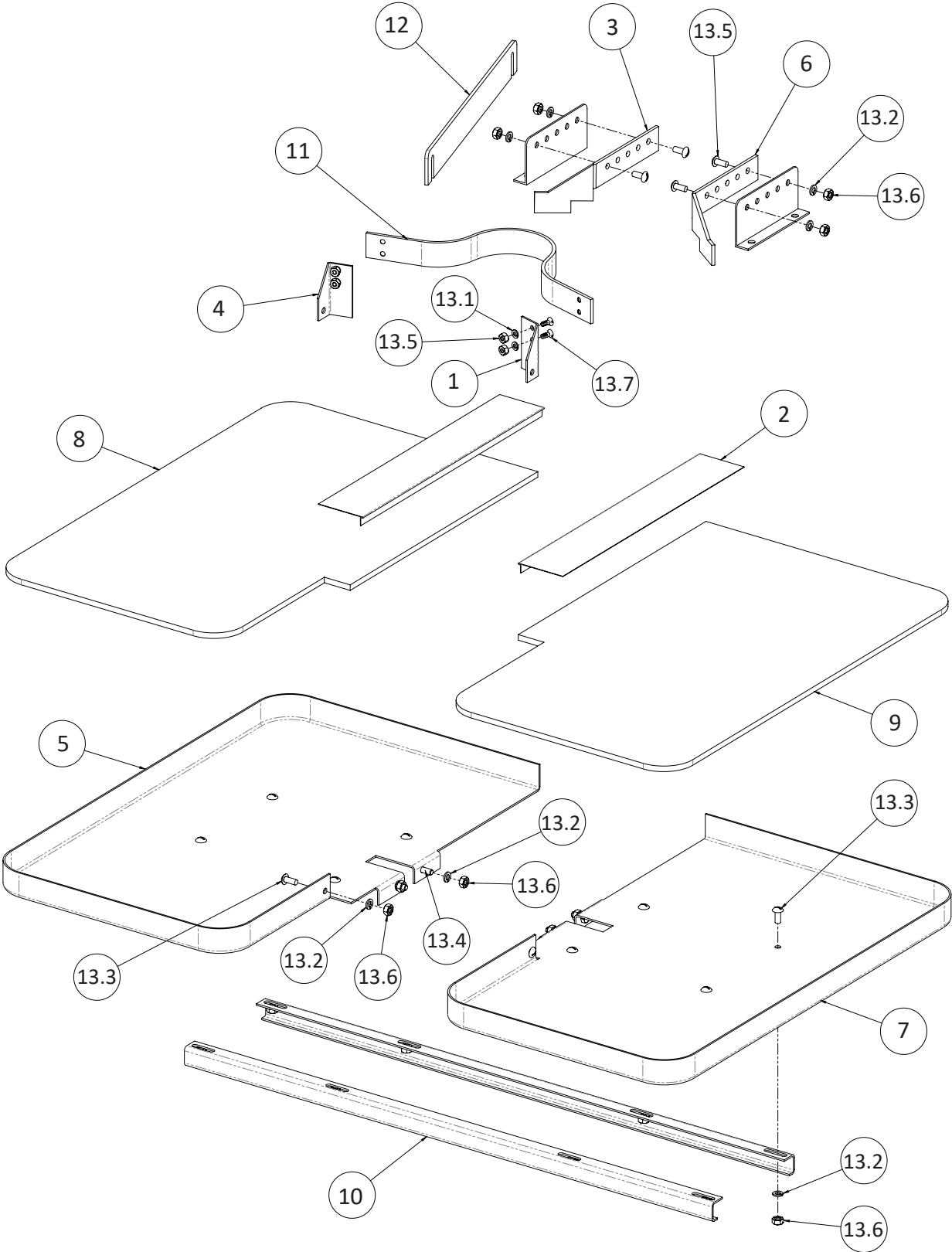
Left Hand & Right Hand Table Tray Components: Exploded View



Left Hand & Right Hand Table Tray Components: Parts List

ITEM #	PART #	QTY	DESCRIPTION
425028 & 425029 COMMON PARTS			
1	410739	2	EGG TRAY RAMP
2	410787	2	TRAY RAIL
3	425037	1	HARDWARE BAG
3.1	010251	2	1/4" LOCK WASHER
3.2	010252	11	5/16" LOCK WASHER
3.3	010542	9	5/16" X 3/4" TRUSS BOLT
3.4	010643	2	5/16-18 X 3/4" HEX BOLT
3.5	011113	2	1/4-20 HEX NUT
3.6	011114	11	5/16-18 HEX NUT
3.7	012744	2	1/4-20 X 5/8" FLAT HEAD BOLT
4	425054	6	VINYL EDGE TRIM (not shown)
425028 RIGHT HAND TABLE TRAY			
5	410743	1	75 DEGREE RH RAIL BRACKET
6	410780	1	SHORT RIGHT HAND EGG GUIDE
7	410869	1	RIGHT HAND EGG TRAY
8	410910	1	RIGHT O/S EGG GUIDE
9	415456	1	RIGHT HAND PAD FOR TRAY
425029 LEFT HAND TABLE TRAY			
10	410738	1	75 DEGREE LEFT HAND RAIL BRACKET
11	410742	1	SHORT LEFT HAND EGG GUIDE
12	410777	1	LEFT HAND EGG TRAY
8	410902	1	LEFT O/S EGG GUIDE
13	415455	1	LEFT HAND PAD FOR TRAY

Dual Table Tray Components: Exploded View



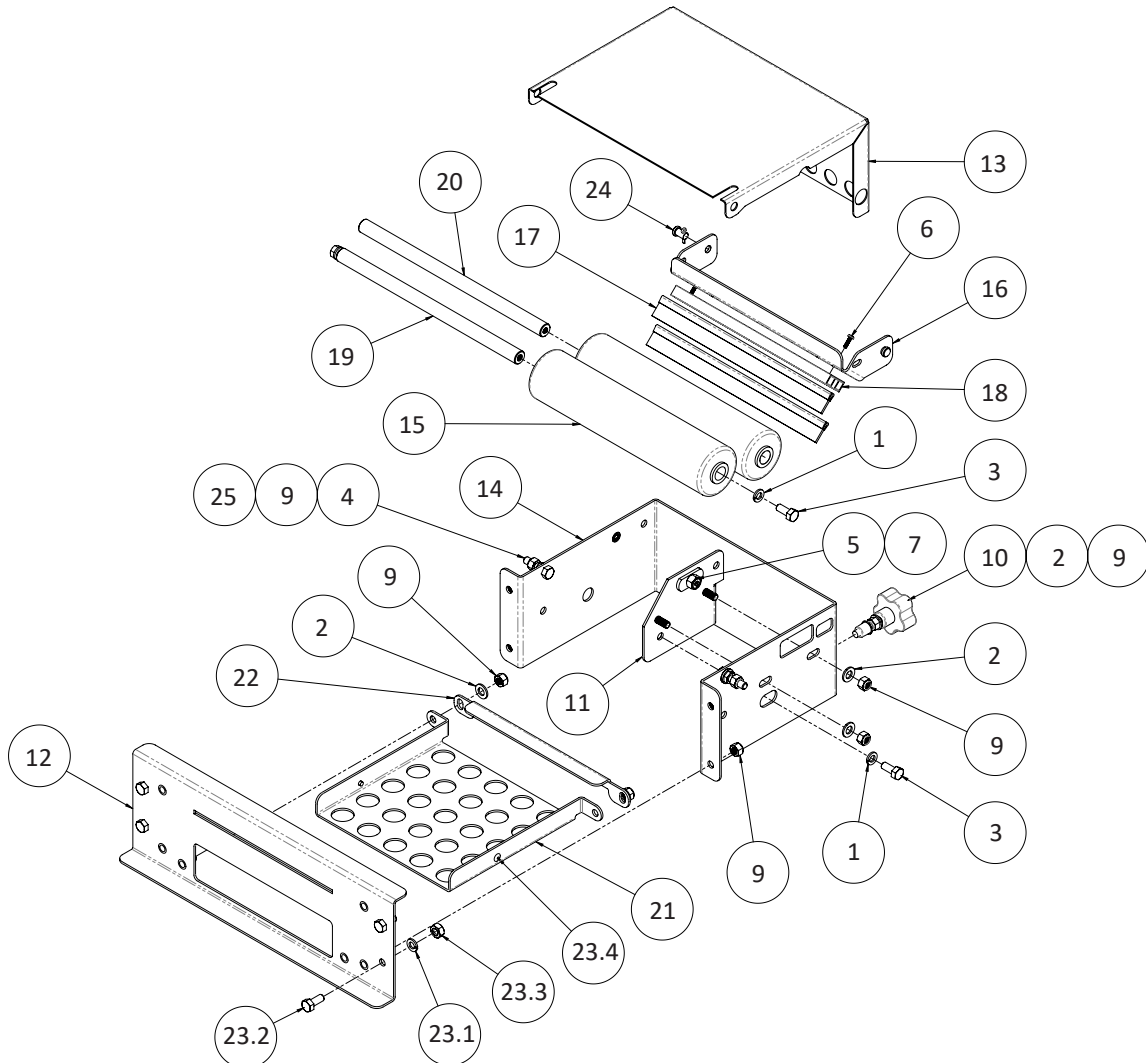
Dual Table Tray Components: Parts List

ITEM #	PART #	QTY	DESCRIPTION
425028 & 425029 COMMON PARTS			
1	410738	1	75 DEGREE LEFT HAND RAIL BRACKET
2	410739	2	EGG TRAY RAMP
3	410742	1	SHORT LEFT HAND EGG GUIDE
4	410743	1	75 DEGREE RIGHT HAND RAIL BRACKET
5	410777	1	LEFT HAND EGG TRAY
6	410780	1	SHORT RIGHT HAND EGG GUIDE
7	410869	1	RIGHT HAND EGG TRAY
8	415455	1	LEFT HAND PAD FOR TRAY
9	415456	1	RIGHT HAND PAD FOR TRAY
10	425016	2	DUAL TRAY RAIL
11	425034	1	DUAL TRAY GUIDE
12	425035	1	PLASTIC EGG GUIDE
13	425038	1	HARDWARE BAG
13.1	010251	4	1/4" LOCK WASHER
13.2	010252	18	5/16" LOCK WASHER
13.3	010542	14	5/16" X 3/4" TRUSS BOLT
13.4	010643	4	5/16-18 X 3/4" HEX BOLT
13.5	011113	4	1/4-20 HEX NUT
13.6	011114	18	5/16-18 HEX NUT
13.7	012744	4	1/4-20 X 5/8" FLAT HEAD BOLT
14	425054	6	VINYL EDGE TRIM (not shown)

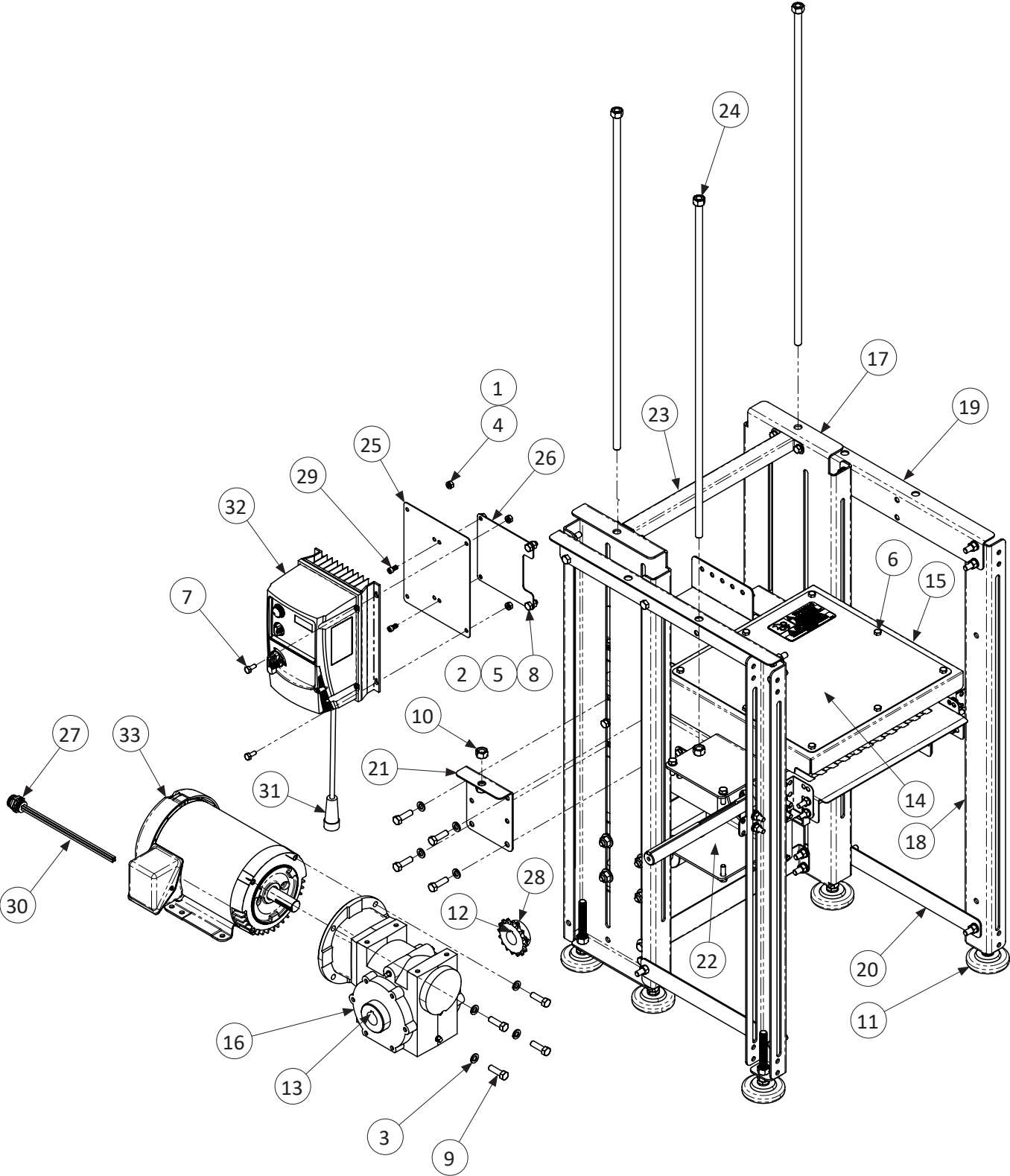
Dual Roller Belt Return Components

ITEM #	PART #	QTY	DESCRIPTION
413180 DUAL BELT RETURN - PARTS LIST			
1	010252	3	5/16" LOCK WASHER
2	010426	6	5/16" FLAT WASHER
3	010643	3	5/16-18 X 3/4" HEX BOLT
4	010647	2	5/16" X 1-1/4" HEX BOLT
5	011115	2	3/8-16 HEX NUT
6	011380	2	8-32 X 3/8" SCREW
7	011461	2	3/8" SPRING PLUNGER
8	012660	2	7/64" X 3/4" COTTER PIN
9	012789	11	5/16-18 NYLOCK NUT
10	412133	1	ADJUSTER KNOB
11	412173	1	RIGHT ADJUSTER BRACKET
12	413181	1	RETURN BACK PANEL
13	413182	1	RETURN BELT COVER
14	413183	1	RETURN HOUSING
15	413184	2	10-3/4" ROLLER

ITEM #	PART #	QTY	DESCRIPTION
413180 DUAL BELT RETURN - PARTS LIST			
16	413185	1	RETURN BRUSH BRACKET
17	413186	2	10-3/8" BRUSH
18	413187	1	9-1/2" BRUSH RETAINER
19	413188	1	DOUBLE ROLLER SHAFT
20	413189	1	SINGLE ROLLER SHAFT
21	413190	1	RETURN TROUGH BRACKET
22	413191	1	RETURN BELT SHIELD
23	413195	1	HARDWARE BAG
23.1	010252	4	5/16" LOCK WASHER
23.2	010643	4	5/16-18 X 3/4" HEX BOLT
23.3	011114	4	5/16-18 HEX NUT
23.4	012803	2	#64 X 3/16" POP RIVET
24	500478	2	5/16" X 1/2" CLEVIS PIN
25	501441	2	5/16-18 HEX NUT



Belt Drive - Motor Components: Exploded View

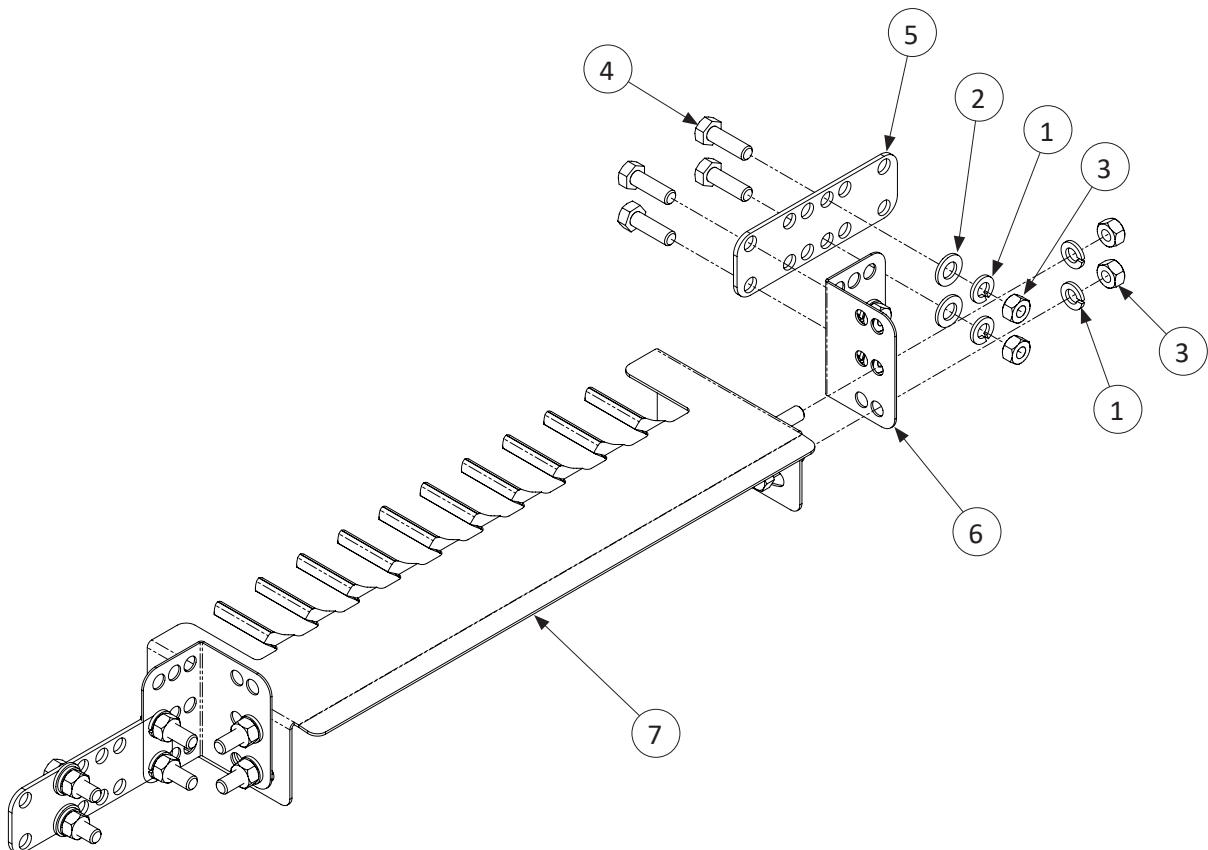


Belt Drive - Motor Components: Parts List

ITEM #	PART #	QTY	DESCRIPTION
BELT DRIVE - MOTOR PARTS			
1	010251	14	1/4" LOCK WASHER
2	010252	32	5/16" LOCK WASHER
3	010253	40	3/8" LOCK WASHER
4	010602	13	1/4-20 HEX NUT
5	010603	26	5/16-18 HEX NUT
6	010615	8	1/4-20 X 1/2" HEX BOLT
7	010616	12	1/4-20 X 5/8" HEX BOLT
8	010642	2	5/16-18 X 5/8" HEX BOLT
9	010666	48	3/8-16 X 1-1/4" HEX BOLT
10	011117	18	1/2-13 HEX NUT
11	412118	6	LEVELING FOOT PAD
12	412135	1	1/4" X 1/4" X 1" KEY
13	412523	1	1/4" X 1/4" X 5" KEY
14	414056	1	COVER, WINDOW ASSEMBLY, DRIVE ROLL
15	414058	1	COVER, HOUSING, DRIVE ROLL
16	414107	1	HOLLOW OUTPUT REDUCER
17	414109	2	BACK LEG, BELT DRIVE
18	414110	2	FRONT LEG, BELT DRIVE
19	414111	2	UPPER CONNECTOR LEG, BELT DRIVE
20	414112	2	LOWER CONNECTOR LEG, BELT DRIVE
21	414113	2	ADJUSTABLE LEG PLATE
22	414115	1	REDUCER MOUNT, BELT DRIVE
23	414172	1	12" STABILIZER, BELT DRIVE
24	414174	3	ADJUSTING ROD, BELT DRIVE
25	414187	1	DRIVE MOUNT, NEST
26	414188	1	DRIVE MOUNT SUPPORT, NEST
27	420473	1	1/2" CONDUIT NUT
28	425083	1	SPROCKET, #40 ROLLER CHAIN
29	690340	2	1/4-20 X 1/2" SOCKET BOLT
30	921968	1	4 PI MALE RECEPTACLE, MALE
31	921972	1	6-1/2' CABLE VFD ASSEMBLY
32	922002	1	VFD, 200-240V, 7.5A, 1PH IN
33	980149	1	MOTOR, 1 HP, 143TC, TEFC, 3 PH

Belt Drive - Transfer Components

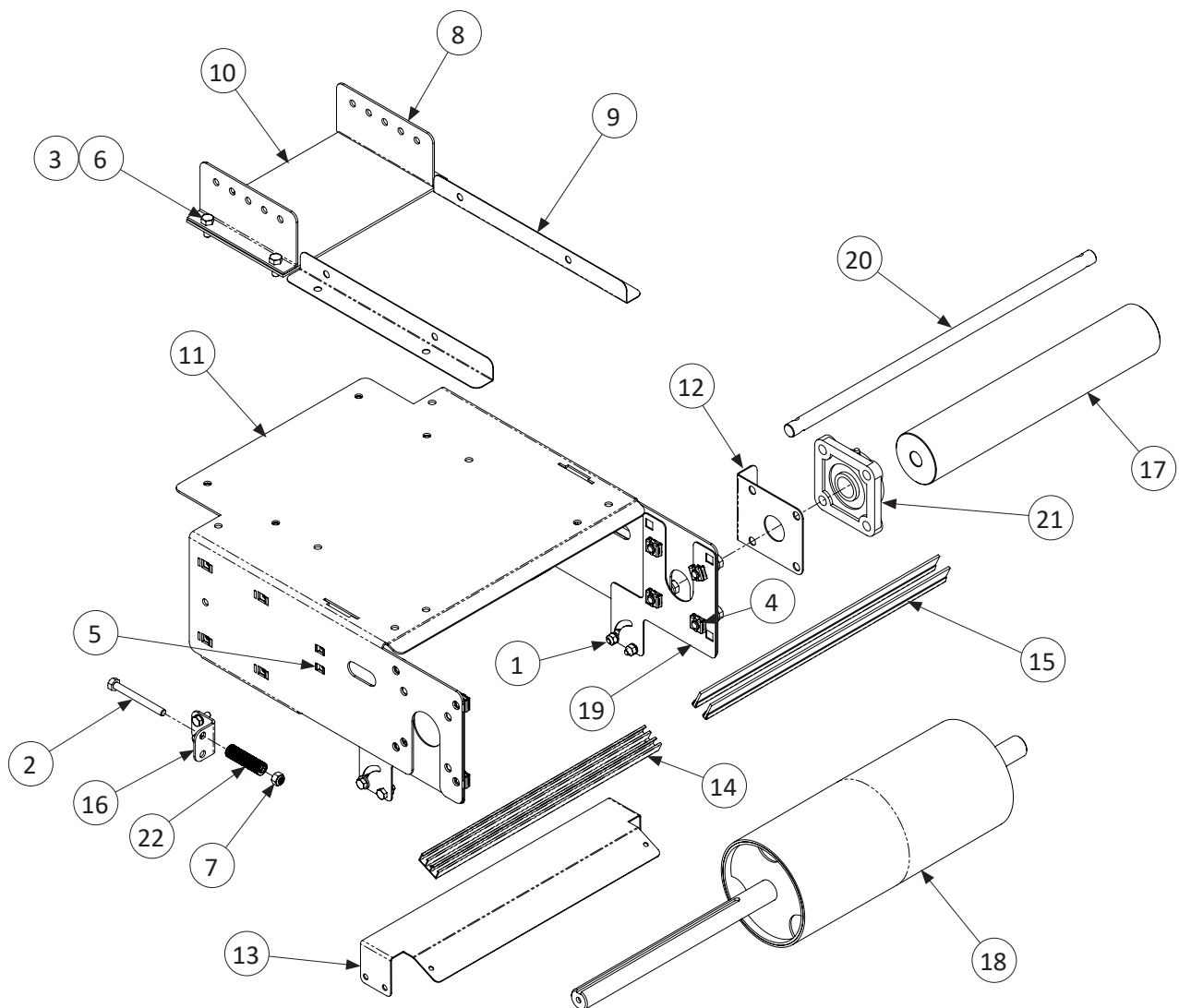
ITEM #	PART #	QTY	DESCRIPTION
BELT DRIVE - TRANSFER PARTS			
1	010252	32	5/16" LOCK WASHER
2	010426	4	5/16" FLAT WASHER
3	010603	26	5/16-18 HEX NUT
4	010645	26	5/16-18 X 1" HEX BOLT
5	414121	2	DRIVE BELT CONNECTOR
6	414162	2	ELEVATOR TRANSFER BRACKET
7	414163	1	ELEVATOR TRANSFER PLATE



Belt Drive - Drive Roller Components

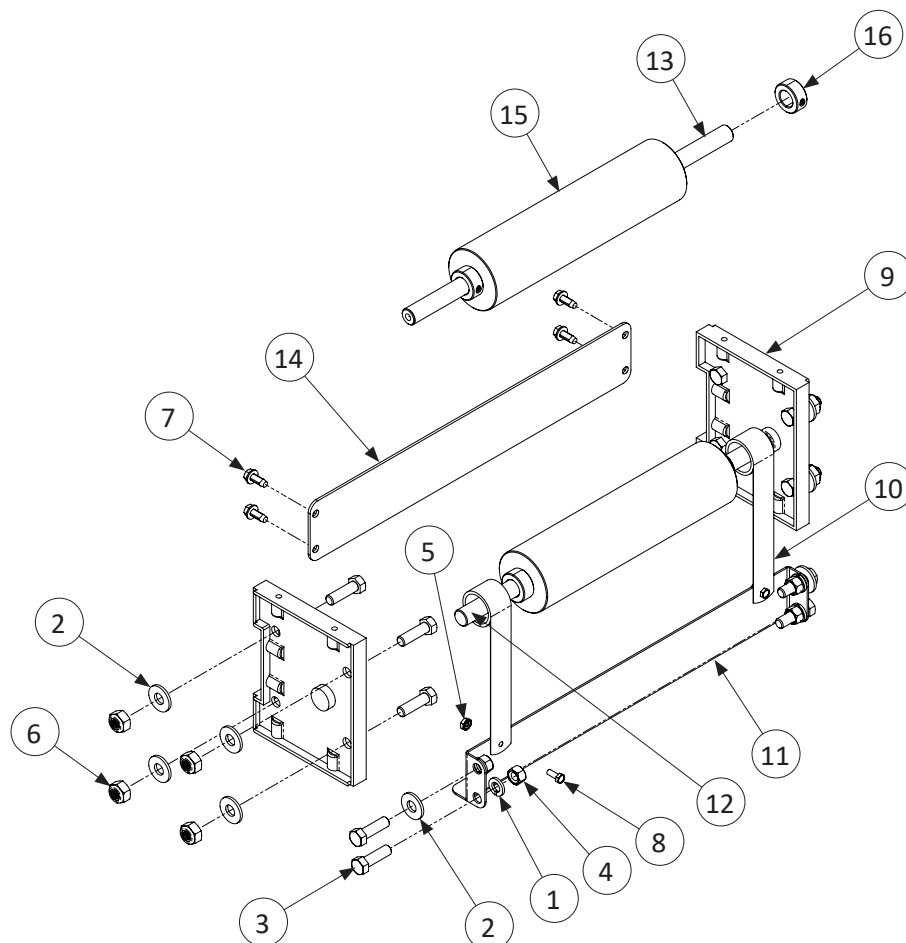
ITEM #	PART #	QTY	DESCRIPTION
BELT DRIVE - DRIVE ROLLER PARTS			
1	010424	2	1/4" FLAT WASHER
2	010654	2	5/16-18 X 3" HEX BOLT
3	011231	4	5/16-18 X 3/4" HEX BOLT
4	011405	16	3/8-16 RETAINER NUT
5	011407	4	1/4-20 RETAINER NUT
6	012781	4	5/16-18 HEX NUT
7	012789	2	5/16-18 NYLOCK NUT
8	410740	2	RAIL BRACKET
9	413467	2	EGG BELT DRIVE RAIL
10	413468	1	8" INSULATOR TROUGH PLATE
11	414106	1	NEST HOUSING, BELT DRIVE

ITEM #	PART #	QTY	DESCRIPTION
BELT DRIVE - DRIVE ROLLER PARTS			
12	414116	1	ADJUSTER PLATE, DRIVE ROLL
13	414117	1	BRUSH RETAINER BRACKET
14	414118	1	BRUSH RETAINER
15	414119	2	12" BRUSH
16	414120	2	PINCH ROLL SPRING PLATE
17	414122	1	12" PINCH ROLLER, DRIVE BELT
18	414124	1	12" DRIVE ROLLER, DRIVE BELT
19	414128	2	ADJUSTER MOUNT PLATE
20	414182	1	PINCH ROLLER SHAFT
21	420451	1	1" FLANGE BEARING
22	420464	2	PINCH ROLLER SPRING



Belt Drive - Tensioner Components

ITEM #	PART #	QTY	DESCRIPTION
BELT DRIVE - TENSIONER PARTS			
1	010253	40	3/8" LOCK WASHER
2	010430	10	3/8" FLAT WASHER
3	010666	48	3/8-16 X 1-1/4" HEX BOLT
4	011115	20	3/8-16 HEX NUT
5	012403	2	#10-24 K-LOCK HEX NUT
6	012481	8	3/8-16 NYLOCK HEX NUT
7	012585	4	1/4-20 X 5/8" TAPTITE SCREW
8	012795	2	#10-24 X 1/2" HEX BOLT
9	412124	2	TENSIONER SLIDE
10	412651	2	1" CONSTANT FORCE SPRING
11	413462	1	BELT TENSION SPRING BRACKET
12	413463	1	TENSION SHAFT, BELT DRIVE
13	413464	1	IDLER SHAFT, BELT DRIVE
14	413465	1	8" BELT TENSIONER PLATE
15	420465	2	9-1/2" ROLLER
16	713414	4	5/8" LOCKING COLLAR



Egg Collection Table Components

ITEM #	PART #	QTY	DESCRIPTION
EGG COLLECTION TABLE - PARTS			
1	010252	38	5/16" SPLIT LOCK WASHER
2	010458	4	5/16" FLAT WASHER
3	010544	11	5/16-18 X 1" TRUSS BOLT
4	010603	38	5/16-18 HEX NUT
5	010642	27	5/16-18 X 5/8" HEX BOLT
6	011117	8	1/2-13 HEX NUT
7	412118	4	LEVELING FOOT PAD
8	414145	1	TOP, EGG TABLE
9	414146	1	SHELF, EGG TABLE
10	414147	1	SIDE SHELF, EGG TABLE
11	414148	4	UPPER LEG, EGG TABLE
12	414149	4	LOWER LEG, EGG TABLE
13	414150	4	FRAME, EGG TABLE
14	414151	2	SIDE SHELF SUPPORT, EGG TABLE
15	414152	2	X BRACE, EGG TABLE
16	414157	1	CONNECTOR ANGLE, ELEVATOR
17	414183	1	COLLECTION MAT, EGG TABLE

