



ERGO100-2

Parts Catalog

ERGO100-2 (VL-5)



Varimixer USA
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DRN: 24100-1836

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3/27/2024

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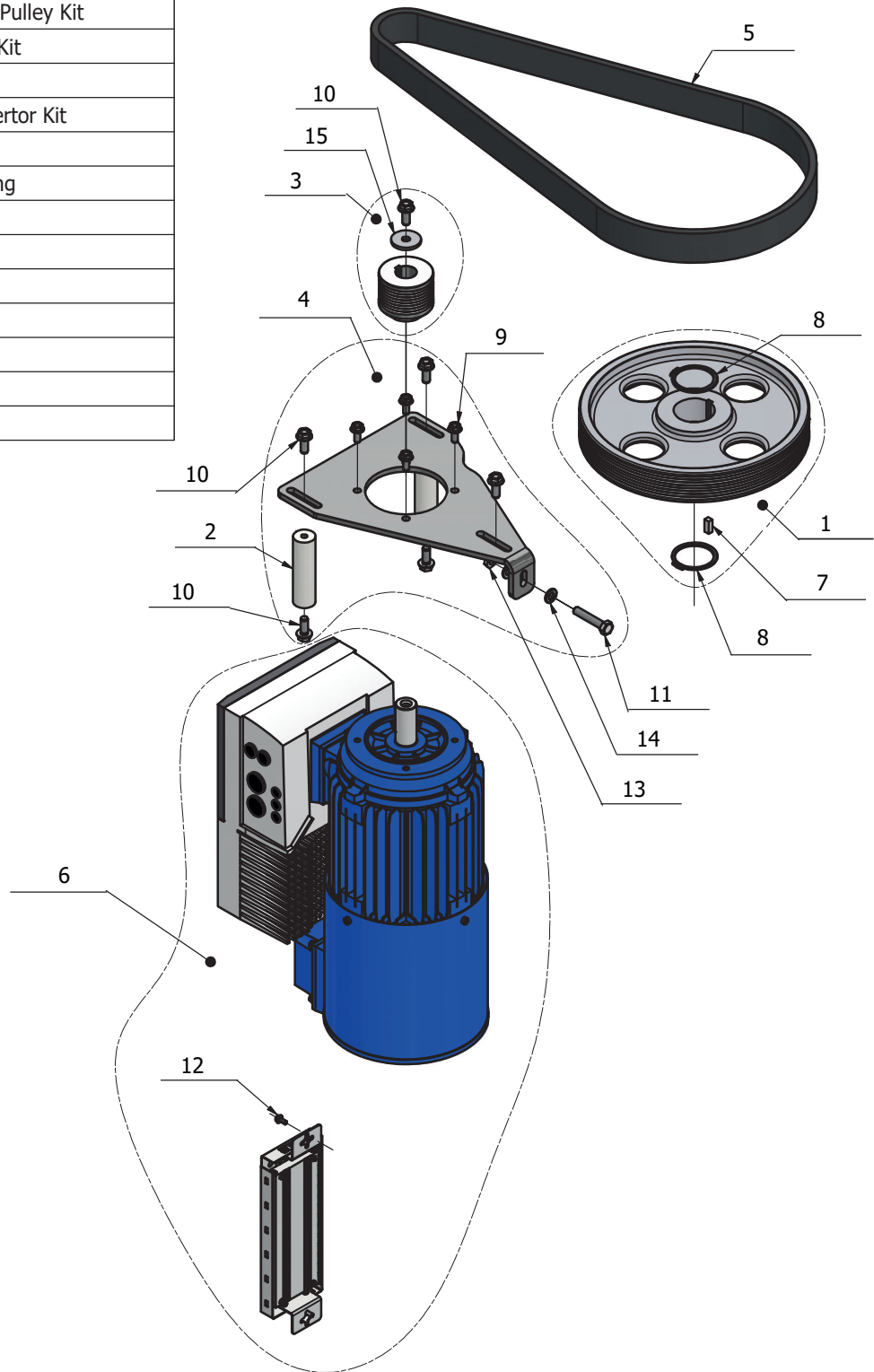
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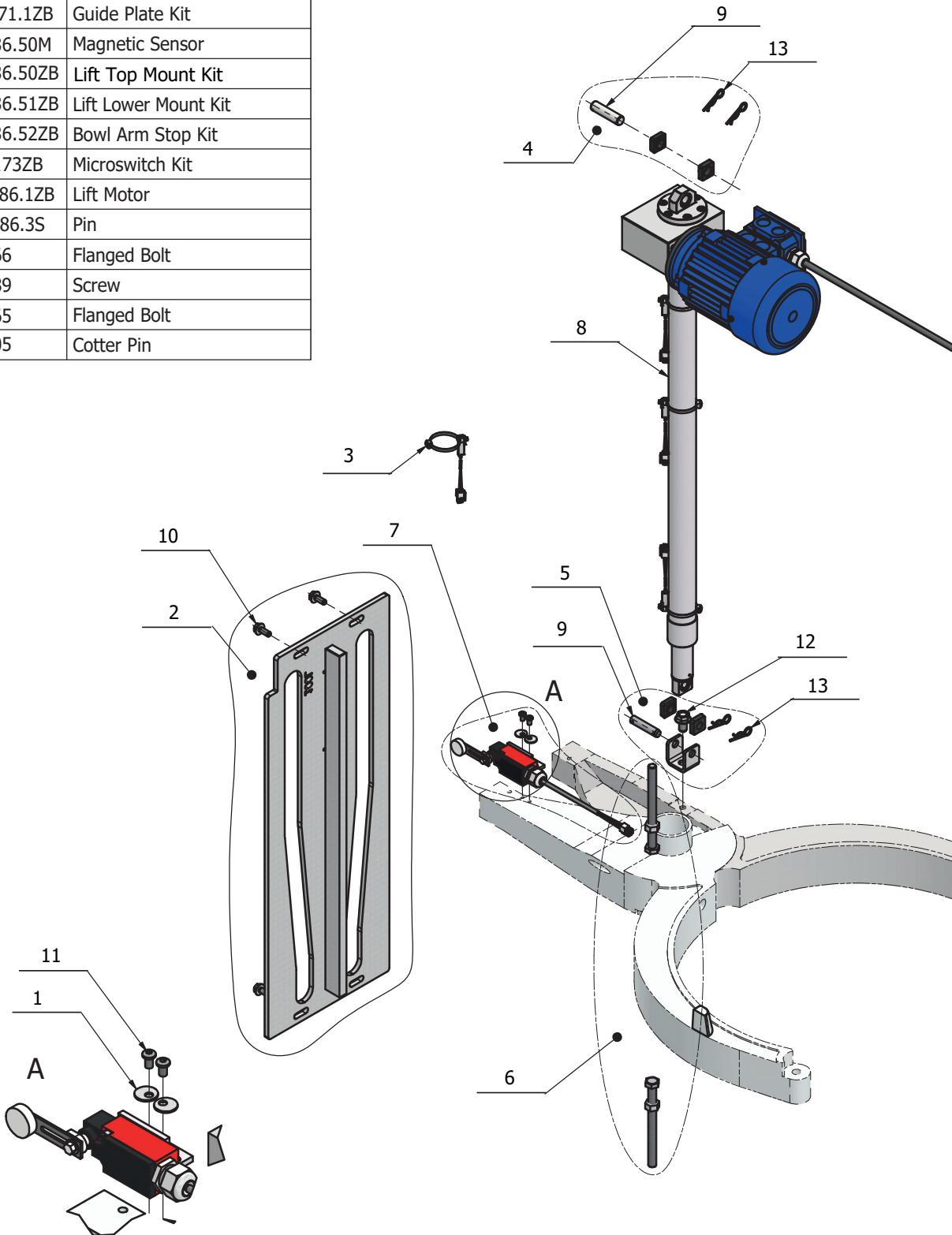
Drive System

Item #	Part #	Description
1.	AE140-129ZB	Large Motor Pulley Kit
2.	AE140-148.1	Standoff
3.	DE61-128ZB	Small Motor Pulley Kit
4.	DE101-61ZB	Motor Plate Kit
5.	DE101-90	V Belt
6.	DE101-601.1ZB	Motor & Invertor Kit
7.	STA2030	Key
8.	STA3419	Retaining Ring
9.	STA5066	Flanged Bolt
10.	STA5334	Flanged Bolt
11.	STA5348	Screw
12.	STA5732	Flanged Bolt
13.	STA5825	Hex Nut
14.	STA6026	Washer
15.	STA6120	Washer



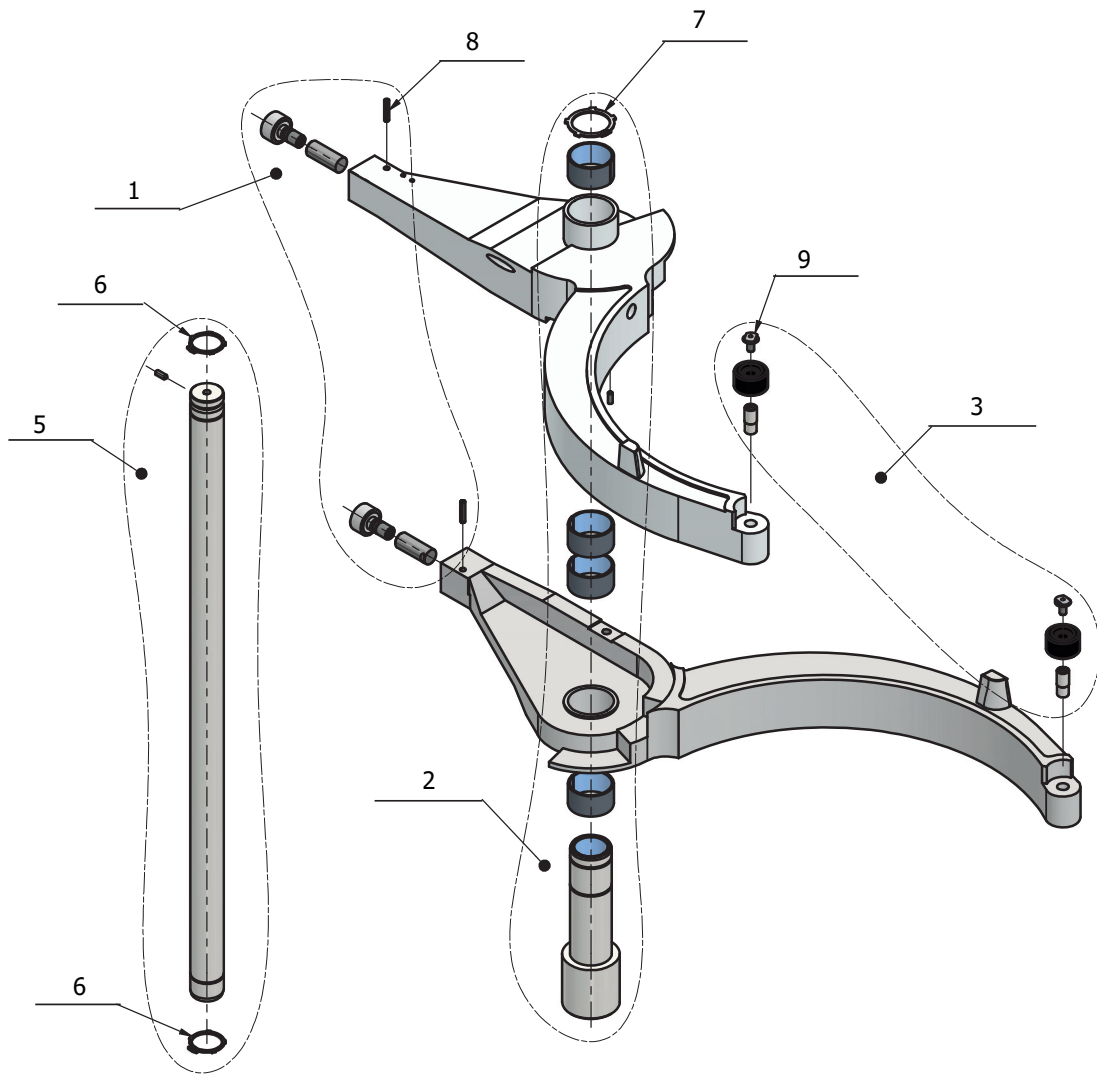
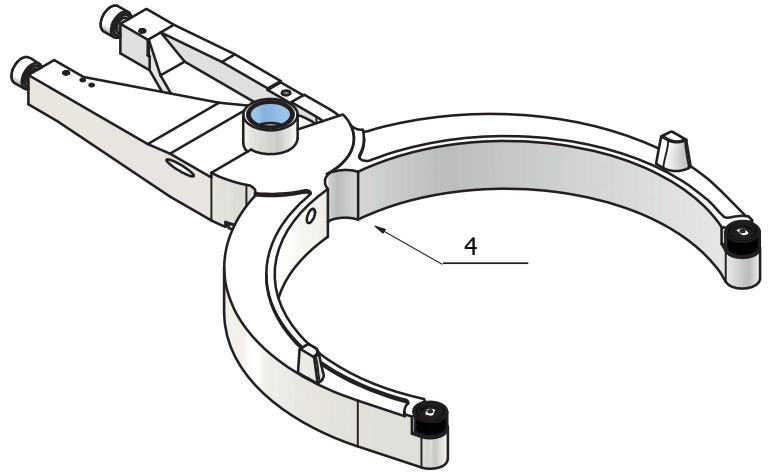
Lifting System

Item #	Part #	Description
1.	AE140-172.3	Washer
2.	CE101-71.1ZB	Guide Plate Kit
3.	DE61-86.50M	Magnetic Sensor
4.	DE61-86.50ZB	Lift Top Mount Kit
5.	DE61-86.51ZB	Lift Lower Mount Kit
6.	DE61-86.52ZB	Bowl Arm Stop Kit
7.	DE61-173ZB	Microswitch Kit
8.	DE101-86.1ZB	Lift Motor
9.	RN100-86.3S	Pin
10.	STA5066	Flanged Bolt
11.	STA5689	Screw
12.	STA5765	Flanged Bolt
13.	STA6205	Cotter Pin



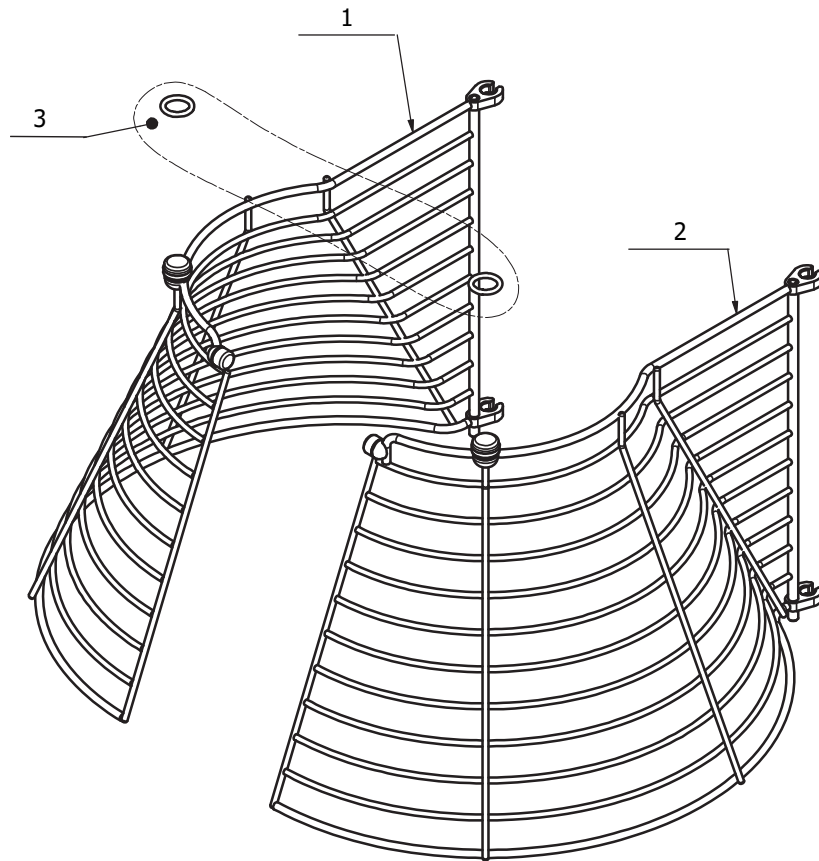
Bowl Arms

Item #	Part #	Description
1.	AE61-92ZB	Bowl Arm Roller Kit
2.	AE101-69.2ZB	Bowl Arm Bushing Kit
3.	AR31-128ZB	Bowl Roller Kit
4.	CE101-23/24.4EZ	Bowl Arm Kit
5.	CE101-68.1ZB	Bowl Arm Shaft Kit
6.	STA3462	Retaining Ring
7.	STA3464	Retaining Ring
8.	STA6370	Dowel Pin
9.	STA9002	Screw



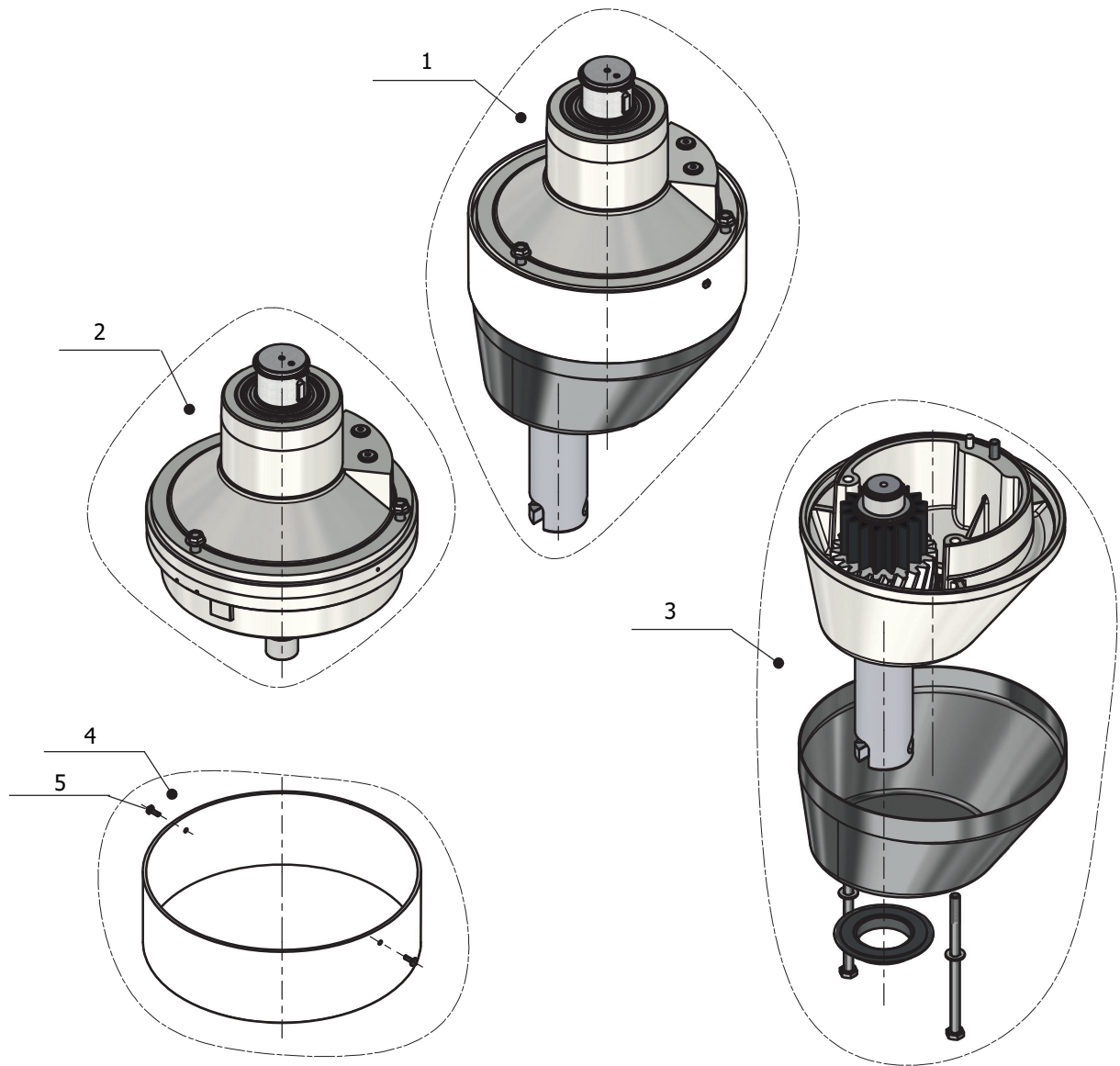
Bowl Guard

Item #	Part #	Description
1.	35AR101-21.1M	Left Bowl Guard
2.	35AR101-22.1M	Right Bowl Guard
3.	STA3149ZB	O-Ring Kit



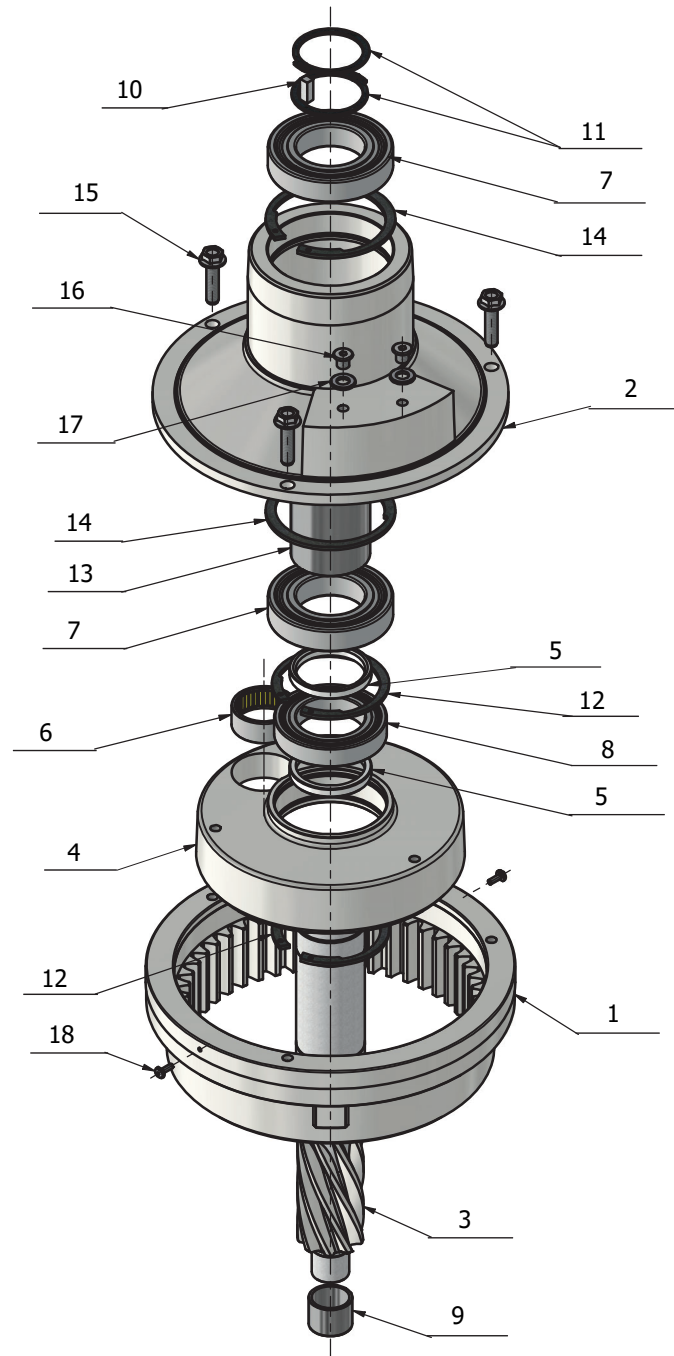
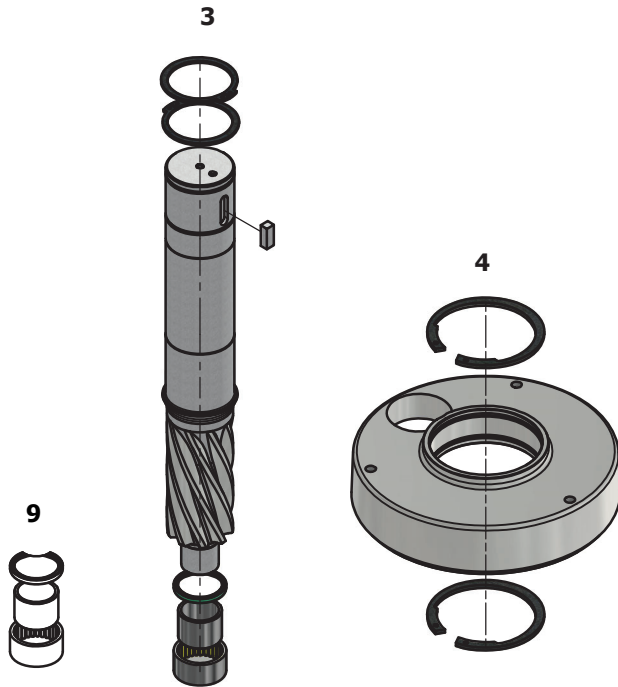
Planetary Head

Item #	Part #	Description
1.	DE101-2.22ZB	Complete Planetary Assembly
2.	DE101-3.1ZB	Top Planetary Assembly
3.	DE101-2.25ZB	Lower Planetary Assembly
4.	AR100-162ZB	Plastic Cover Kit
5.	STA9001	Screw

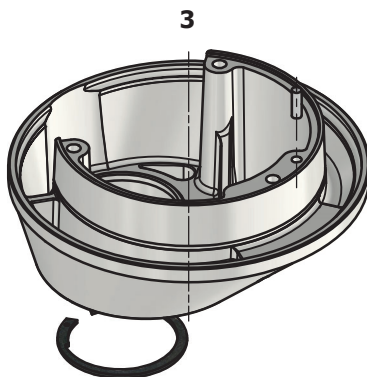
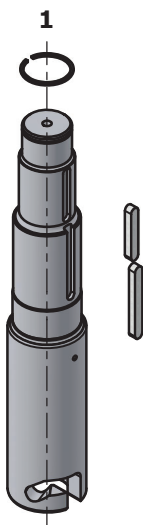


Upper Planetary Head

Item #	Part #	Description
1.	R100-1	Ring Gear
2.	R100-3Z	Bearing Housing Kit
3.	R100-30Z	Main Shaft Kit
4.	R100-36Z	Eccentric Disc Kit
5.	R100-37	Spacer
6.	R100-96	Needle Bearing Kit
7.	R100-97	Bearing
8.	R100-100	Bearing
9.	R100-101Z	Needle Bearing Kit
10.	STA2030	Key
11.	STA3419	Retaining Ring
12.	STA3530	Retaining Ring
13.	R100-141	Distance Tube
14.	STA3532	Retaining Ring
15.	STA5333	Flanged Screw
16.	STA5711	Screw
17.	STA6010	Washer
18.	STA9003	Screw

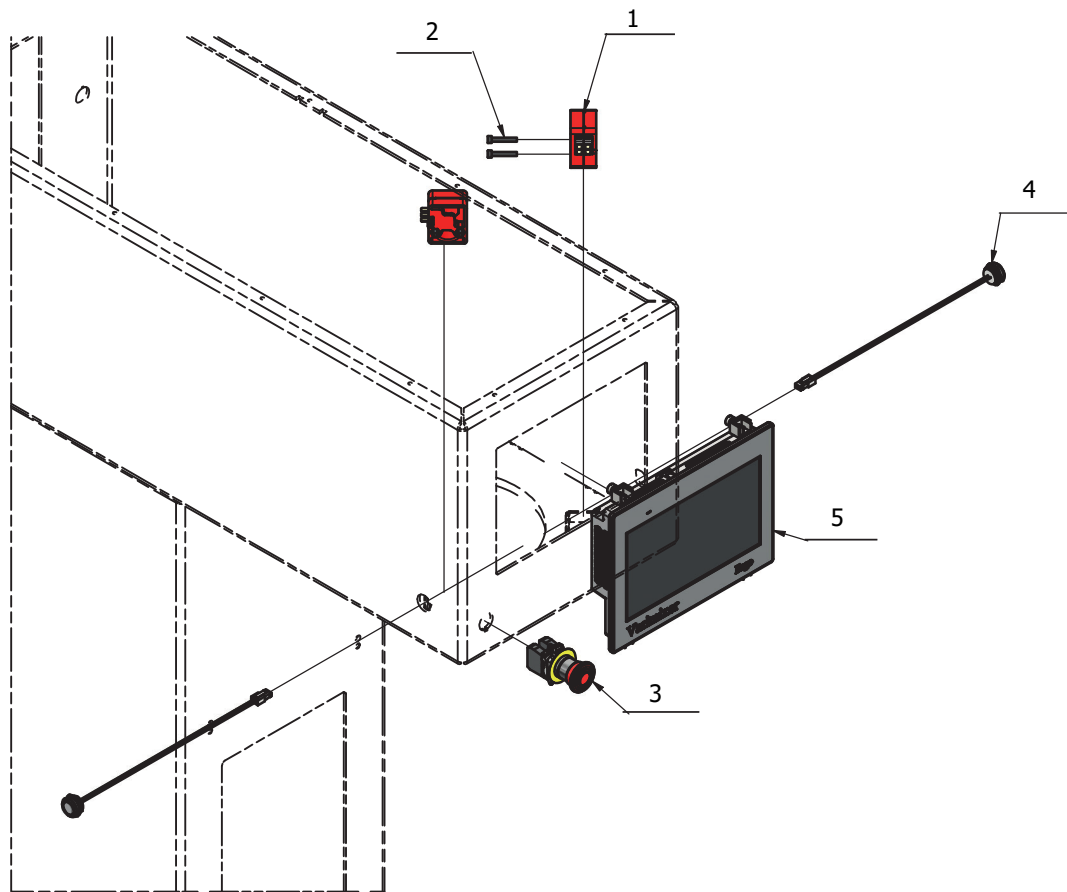


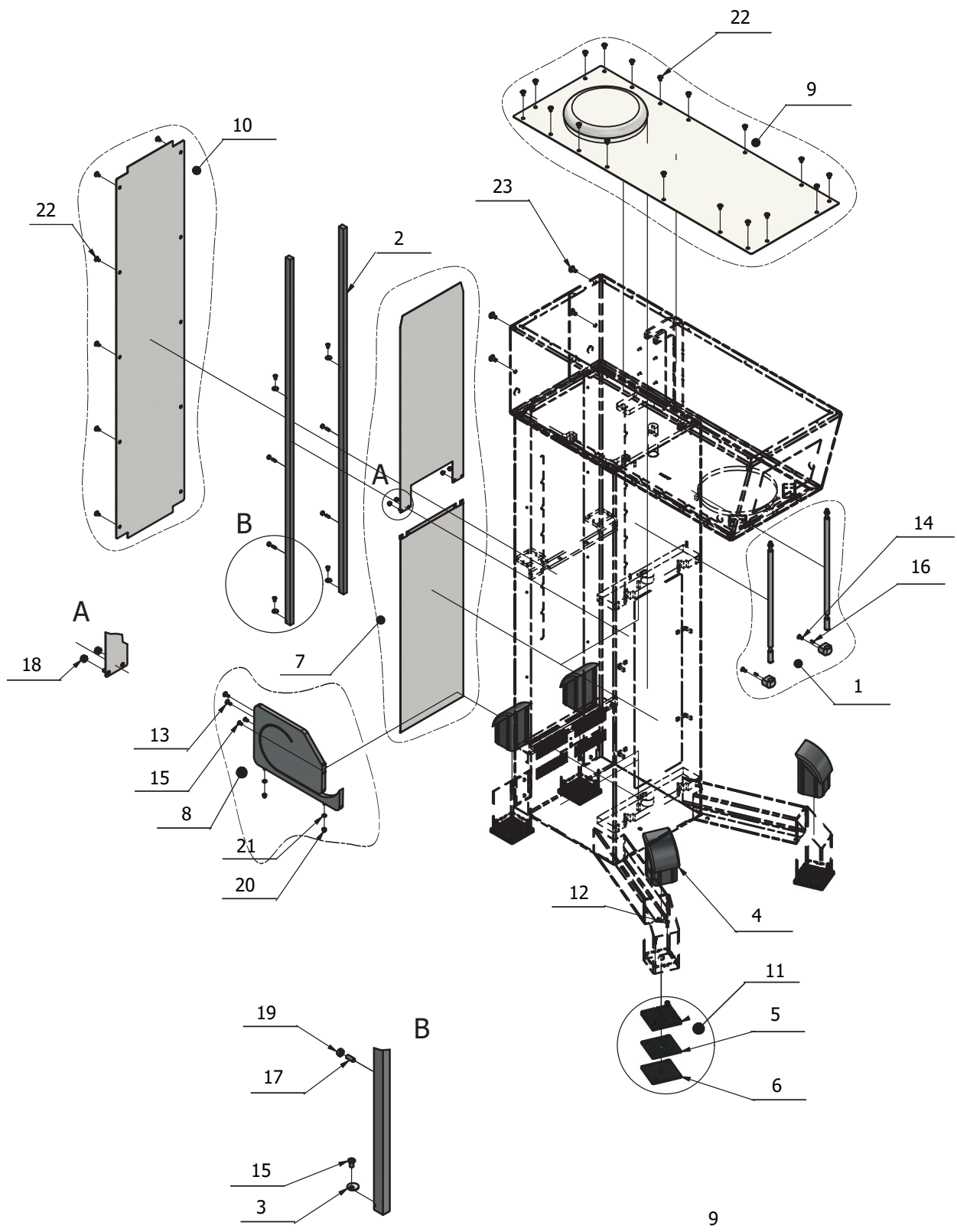
This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor. The components are numbered 1 through 20. The assembly is shown in three main sections: a top housing (3), a central shaft assembly (1), and a bottom housing (16). The top housing (3) contains a stator (2) with a rotor (4) inside. A brush (5) is positioned to make contact with the rotor. A cap (6) with a ring (13) is shown above the stator. A small component (8) is also shown near the stator. The central shaft assembly (1) consists of a shaft (1) with a pulley (7) at the top, a bearing (5) in the middle, and a coupling (14) at the bottom. A pin (19) and a nut (18) are shown for securing the pulley. The bottom housing (16) contains a rotor (17) with a pin (12) and a nut (11) for securing it. A pin (10) and a nut (9) are shown for securing the bottom housing. A pin (20) and a nut (17) are shown for securing the central shaft assembly.



Control Panel

Item #	Part #	Description
1.	56CR10-111M	Bowl Detection Magnet
2.	STA5721	Screw
3.	AR31-174.5	Emergency Stop Kit
4.	DE61-176M	Bowl Lift Switch Kit (2/SET)
5.	DE61-560ZB	Control Panel Assembly



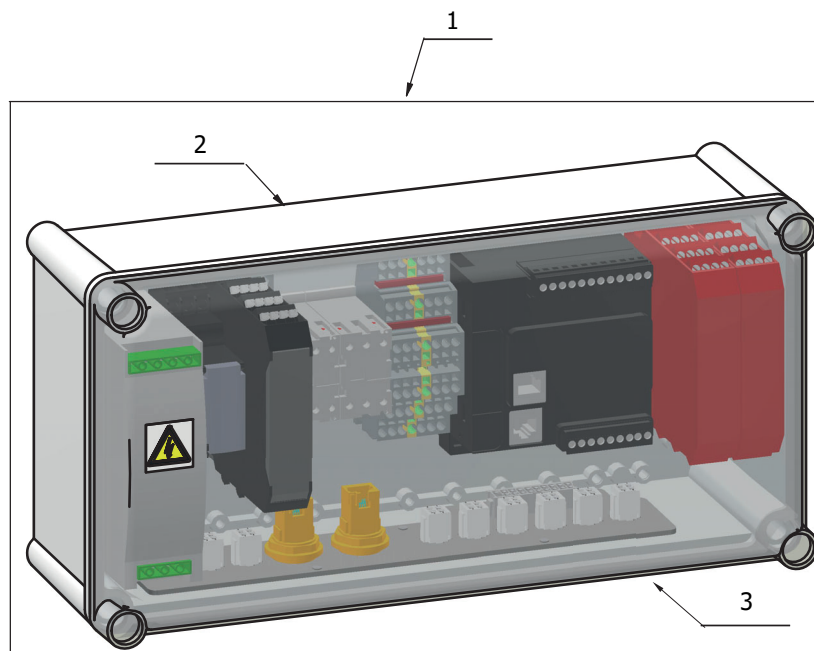


Machine Column

Item #	Part #	Description
1.	56AE140-25ZB	Bowl Guard Shaft Kit
2.	AE140-172.2	Guide Rail
3.	AE140-172.3	Washer
4.	AR80-212	Knee Pad
5.	AR80-214.3	Adjustment Plate (3MM)
6.	AR80-214.6	Adjustment Plate (6MM)
7.	CE101-170ZB	Cover Plates Kit
8.	CE101-172ZB	Guide Plate Kit
9.	DE101-21ZB	Top Cover Kit
10.	DE101-22.17ZB	Back Cover Kit
11.	AR80-213ZB	Foot & Adjustment Plate Kit (4/SET)
12.	STA5615	Screw
13.	STA5085	Screw
14.	STA5624	Screw
15.	STA5689	Screw
16.	STA5724	Set Screw
17.	STA5725	Set Screw
18.	STA5801	Nut
19.	STA5819	Nut
20.	STA5839	Nut
21.	STA6008	Washer
22.	STA9000	Screw
23.	STA9002	Screw

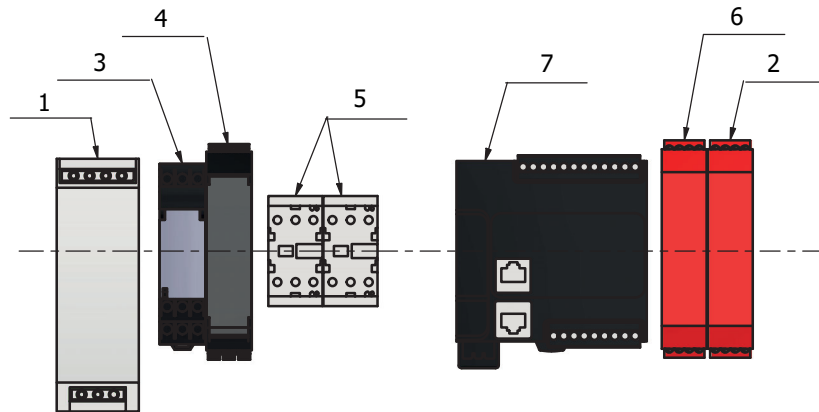
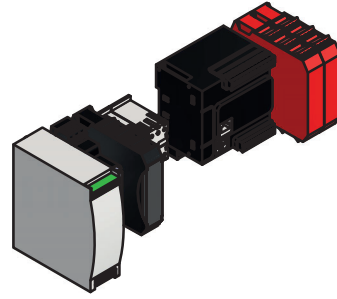
Control Box

Item #	Part #	Description
1.	08030-0555	Control Box Assembly
2.	DE61-418.1	Control Box
3.	DE61-418.2	Control Box Cover



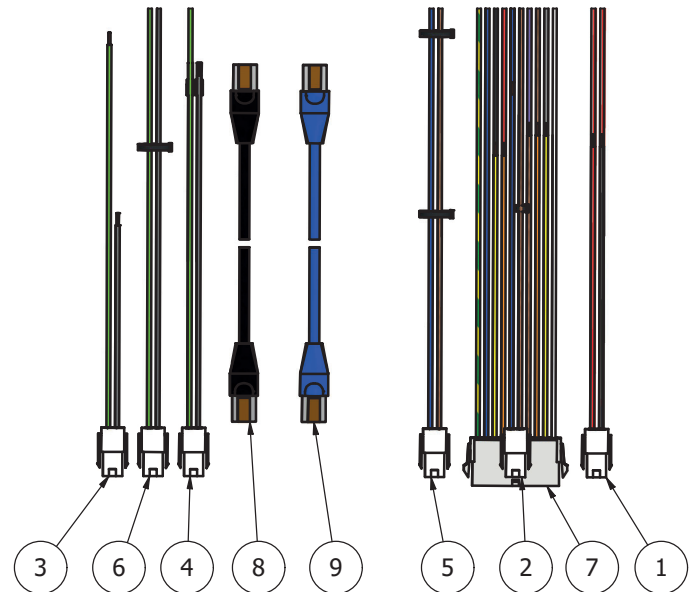
Control Box Components

Item #	Part #	Description
1.	CE61-414	Power Supply
2.	DE61-420.2	Safety Module
3.	DE61-420.3	Phase Monitoring Relay
4.	DE61-420.5	Reversing Starter
5.	DE61-420.6	Contactor
6.	DE61-420.7	Safety Controller
7.	DE61-470	Control Unit



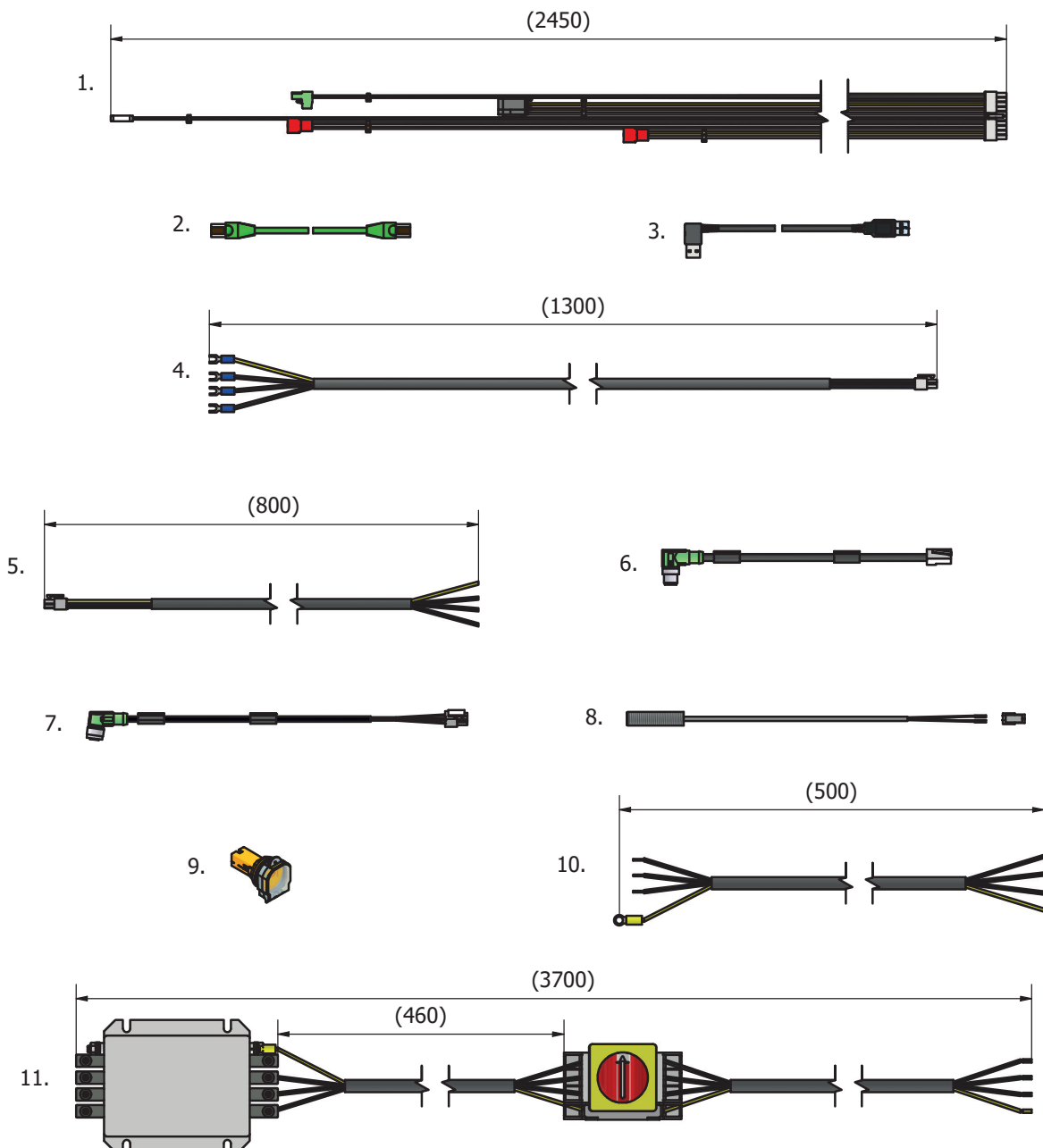
Control Box Internal Cables

Item #	Part #	Description
1.	DE61-194.10M	CE Switch Cable
2.	DE61-194.11M	STO VFD Cable
3.	DE61-194.12M	Lift Motor Cable
4.	DE61-194.13M	Fan Cable
5.	DE61-194.15M	Bowl & Magnet Sensor Cable
6.	DE61-194.16M	VFD Supply Cable
7.	DE61-194.17M	Main Circuit/Safety Cable
8.	DE61-194.19	Control Panel Cable
9.	DE61-194.20	Motor Cable



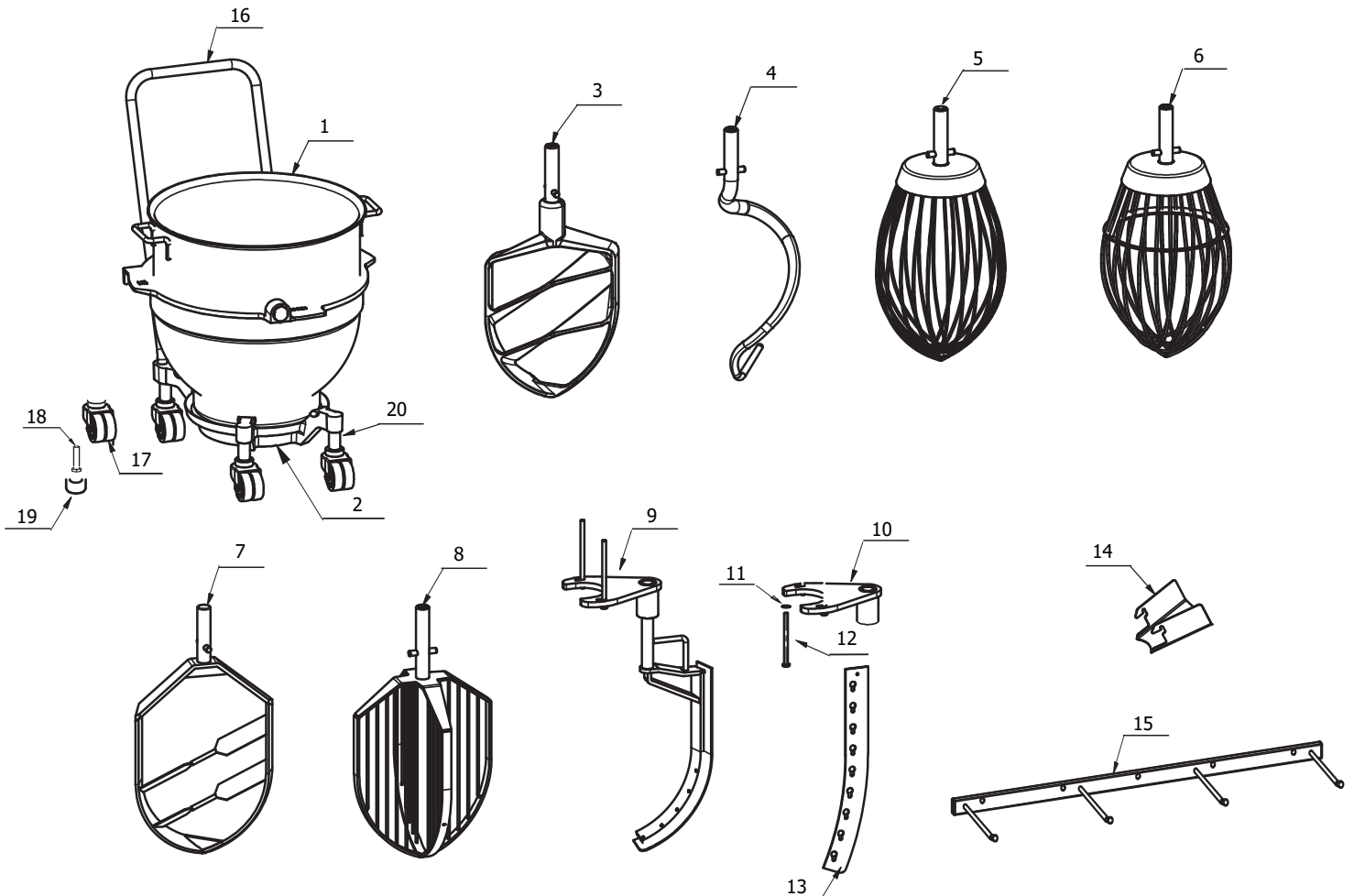
Cables

Item #	Part #	Description
1.	DE61-194.18M	Main Circuit/Safety Cable
2.	DE61-194.21	Control Panel Cable
3.	DE61-194.23	USB Cable
4.	DE61-194.24M	Lift Cable
5.	DE61-194.25M	Supply Box Cable
6.	DE61-194.27M	Motor Cable
7.	DE61-194.28M	STO Cable
8.	DE61-501ZB	Bowl Sensor Cable
9.	STA7259ZB	USB Port
10.	DE61-194.31M	VFD Filter Cable
11.	DE61-194.26M	VFD Supply Cable



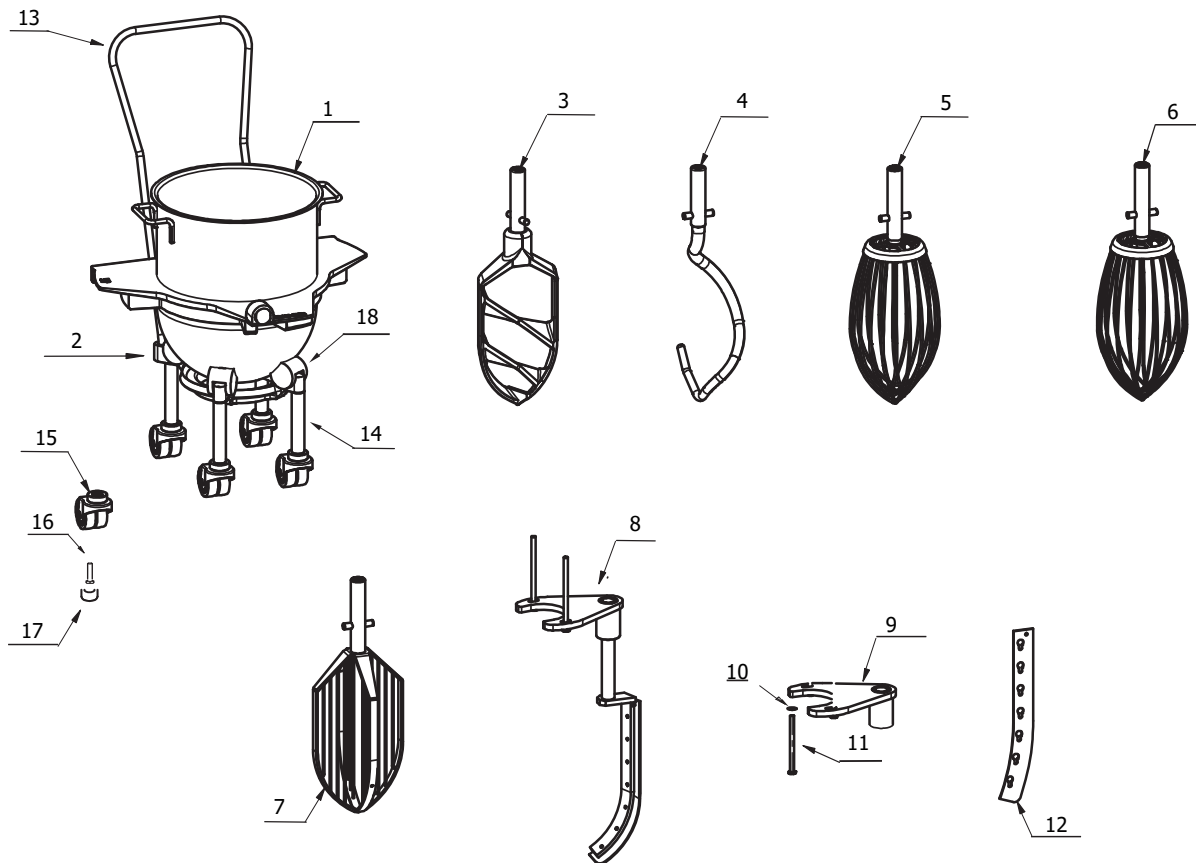
100QT Accessories & Components

Item #	Part #	Description	Item #	Part #	Description
1.	VBOWL-100	SS Bowl	21.	VBOWL-100BRKT	SS Bowl w/ Brackets (FOR MAXI LIFT/NOT SHOWN)
2.	VBTRUCK-100-ERGO	Bowl Truck	22.	VFSLGUARD-100-ERGO	Left Full Shield Bowl Guard (NOT SHOWN)
3.	VBEAT-100A-ERGO	Aluminum Beater	23.	VFSRGUARD-100-ERGO	Right Full Shield Bowl Guard (NOT SHOWN)
4.	VHOOK-100-ERGO	SS Hook	24.	VPSLGUARD-100-ERGO	Left Partial Shield Bowl Guard (NOT SHOWN)
5.	VWHIP-100-ERGO	SS Whip	25.	VPSRGUARD-100-ERGO	Right Partial Shield Bowl Guard (NOT SHOWN)
6.	VHDWHIP-100-ERGO	Reinforced SS Whip			
7.	VBEAT-100SS-ERGO	SS Beater			
8.	VWINGWHIP-100-ERGO	SS Wing Whip			
9.	VSCRIP-100	Bowl Scraper Kit			
10.	42RN100-105	Scraper Holder			
11.	STA6029	Washer			
12.	STA5652	Screw			
13.	42RN100-204	Scraper Blade (3MM)			
14.	VCHUTE	SS Ingredient Chute			
15.	VTOLRACK60-150	Tool Rack			
16.	22R276	Handle			
17.	22R150-520	Dual Wheel Caster			
18.	STA5642	Screw			
19.	STA6556	Cap			
20.	22R140.3	Extension (50MM)			



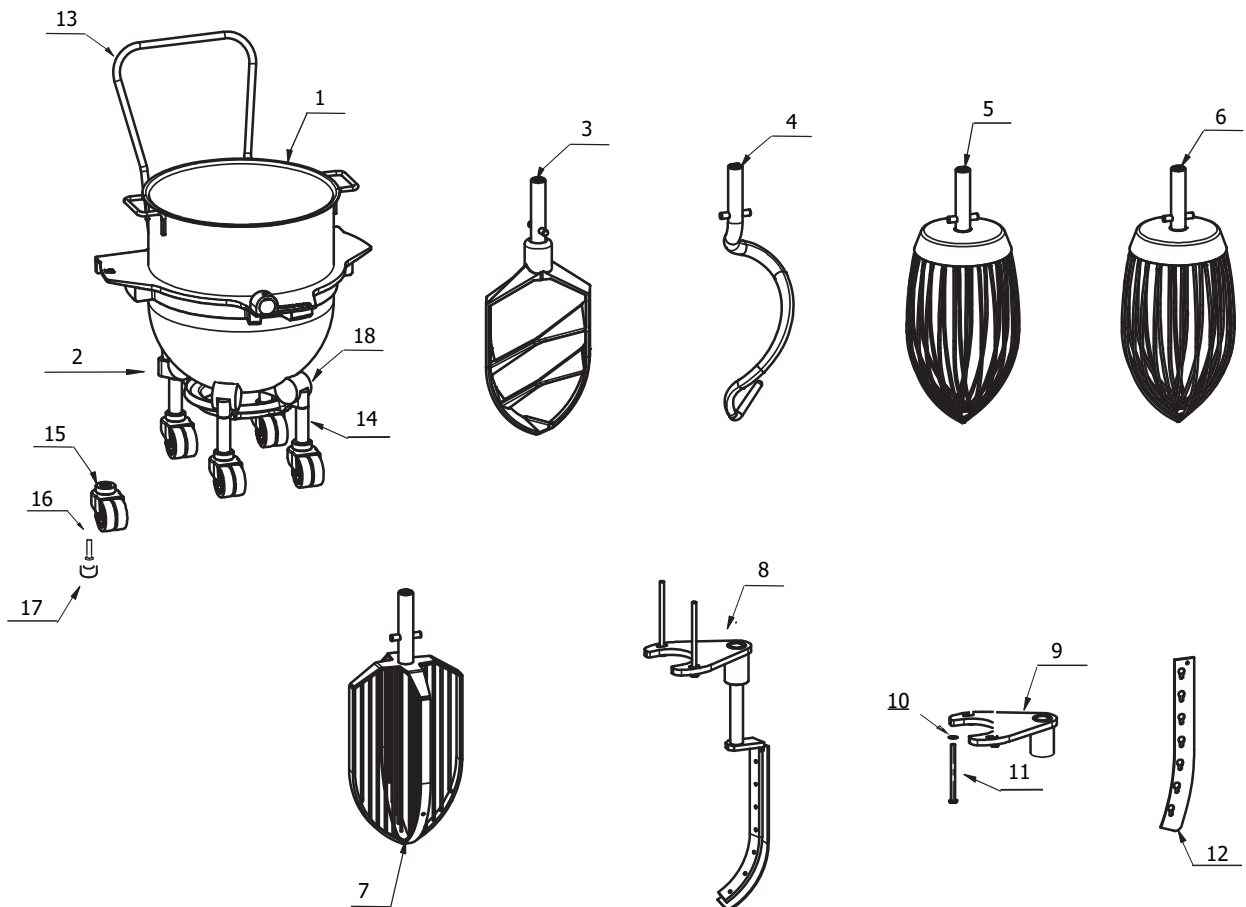
40QT Downsize Accessories & Components

Item #	Part #	Description
1.	VBOWL40-100	SS Bowl
2.	VBTRUCK40-100	Bowl Truck
3.	VBEAT40-100-ERGO	Aluminum Beater
4.	VHOOK40-100-ERGO	SS Hook
5.	VWHIP40-100-ERGO	SS Whip
6.	VHDWHIP40-100-ERGO	Heavy Duty SS Whip
7.	VWINGWHIP40-100-ERGO	SS Wing Whip
8.	VSCR40-100	Bowl Scraper Kit
9.	42RN100-105	Scraper Holder
10.	STA6029	Washer
11.	STA5652	Screw
12.	42RN100B-204	Scraper Blade (3MM)
13.	22R277	Handle
14.	22R140.1-9W	Extension (190MM)
15.	22R150-520	Dual Wheel Caster
16.	STA5642	Screw
17.	STA6556	Cap
18.	W100-206	Rubber Block



60QT Downsize Accessories & Components

Item #	Part #	Description
1.	VBOWL60-100	SS Bowl
2.	VBTRUCK60-100	Bowl Truck
3.	VBEAT60-100-ERGO	Aluminum Beater
4.	VHOOK60-100-ERGO	SS Hook
5.	VWHIP60-100-ERGO	SS Whip
6.	VHDWHIP60-100-ERGO	Heavy Duty SS Whip
7.	VWINGWHIP60-100-ERGO	SS Wing Whip
8.	VSCR60-100	Bowl Scraper Kit
9.	42RN100-105	Scraper Holder
10.	STA6029	Washer
11.	STA5652	Screw
12.	42R60-204	Scraper Blade (3MM)
13.	22R277	Handle
14.	22R140.8	Extension (90MM)
15.	22R150-520	Dual Wheel Caster
16.	STA5642	Screw
17.	STA6556	Cap
18.	W100-206	Rubber Block





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