



ERGO150-2 (VL-5)



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REV. -
3/27/2024

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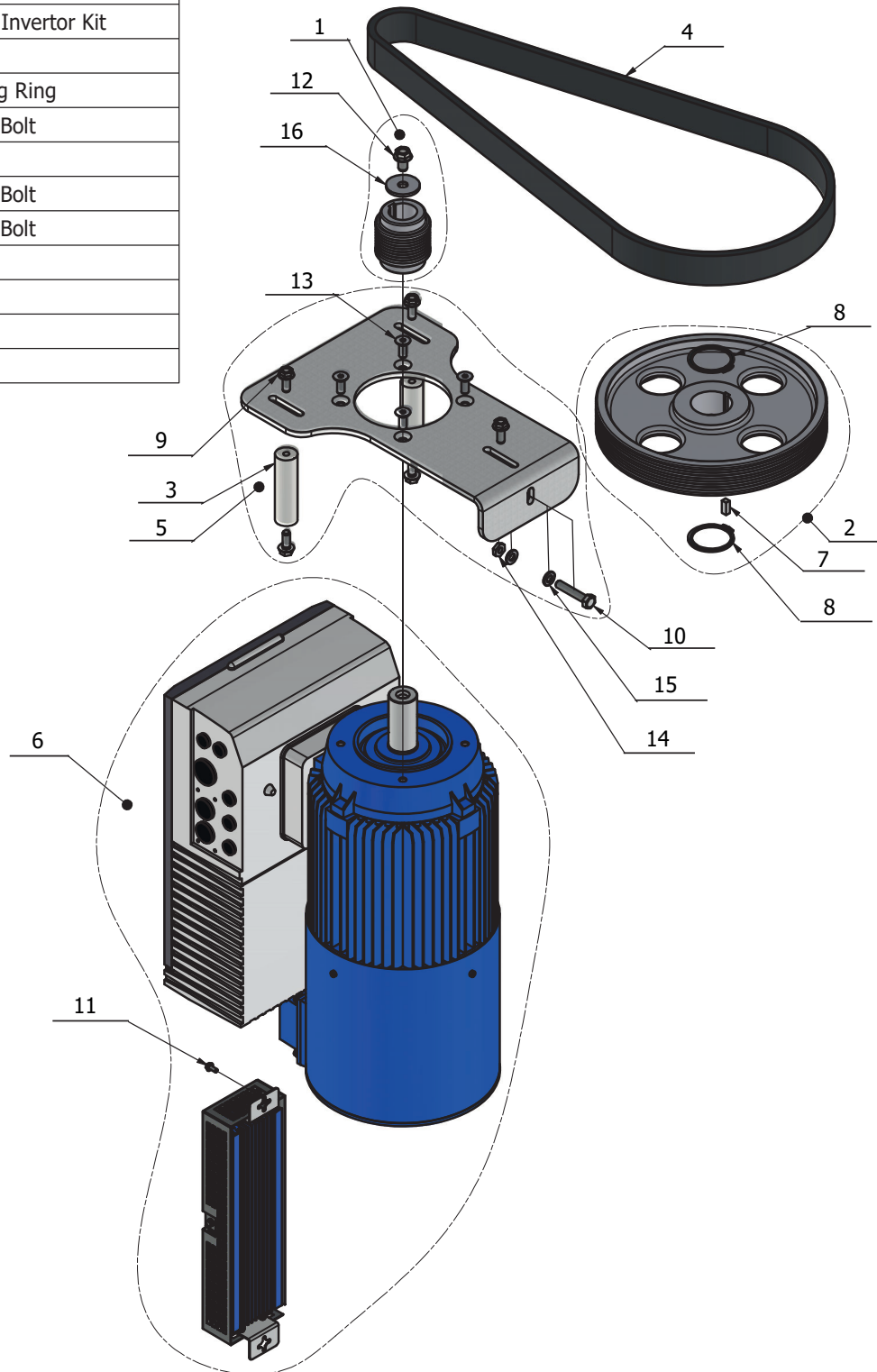
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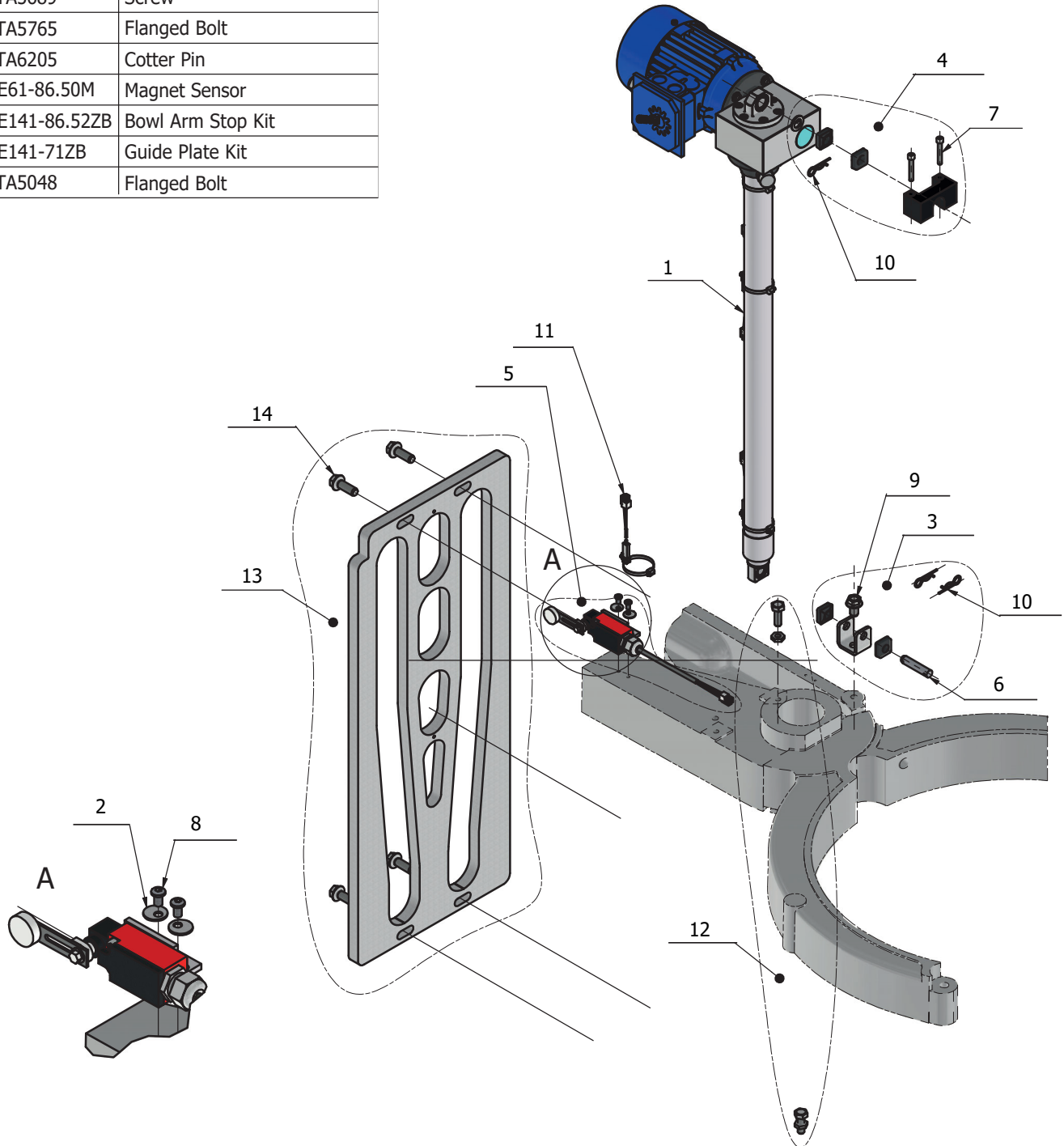
Drive System

| Item # | Part # | Description |
|--------|---------------|------------------------|
| 1. | AE140-128ZB | Small Motor Pulley Kit |
| 2. | AE140-129ZB | Large Motor Pulley Kit |
| 3. | AE140-148.1 | Standoff |
| 4. | DE141-90 | V Belt |
| 5. | DE141-61ZB | Motor Plate Kit |
| 6. | DE141-601.1ZB | Motor & Invertor Kit |
| 7. | STA2030 | Key |
| 8. | STA3419 | Retaining Ring |
| 9. | STA5334 | Flanged Bolt |
| 10. | STA5348 | Screw |
| 11. | STA5732 | Flanged Bolt |
| 12. | STA5765 | Flanged Bolt |
| 13. | STA5798 | Screw |
| 14. | STA5825 | Nut |
| 15. | STA6026 | Washer |
| 16. | STA6119 | Washer |



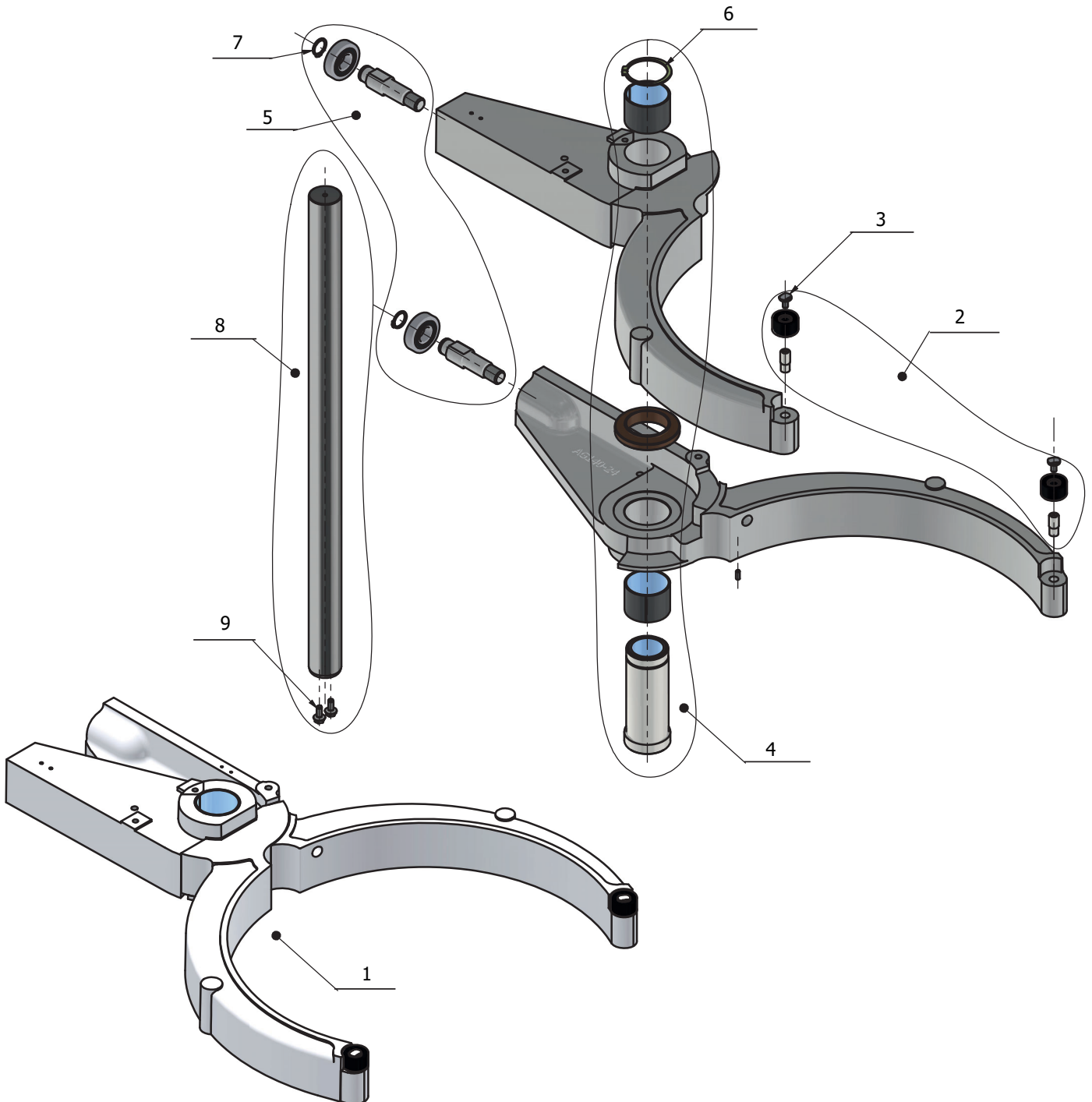
Lifting System

| Item # | Part # | Description |
|--------|---------------|------------------------|
| 1. | DE141-86.1ZB | Lift Motor |
| 2. | AE140-172.3 | Eccentric Washer |
| 3. | DE61-86.51ZB | Lift Lower Mount Kit |
| 4. | DE141-86.50ZB | Lift Top Mount Kit |
| 5. | DE61-173ZB | Microswitch Kit |
| 6. | RN100-86.3S | Pin |
| 7. | STA5372 | Screw |
| 8. | STA5689 | Screw |
| 9. | STA5765 | Flanged Bolt |
| 10. | STA6205 | Cotter Pin |
| 11. | DE61-86.50M | Magnet Sensor |
| 12. | DE141-86.52ZB | Bowl Arm Stop Kit </td |
| 13. | DE141-71ZB | Guide Plate Kit |
| 14. | STA5048 | Flanged Bolt |



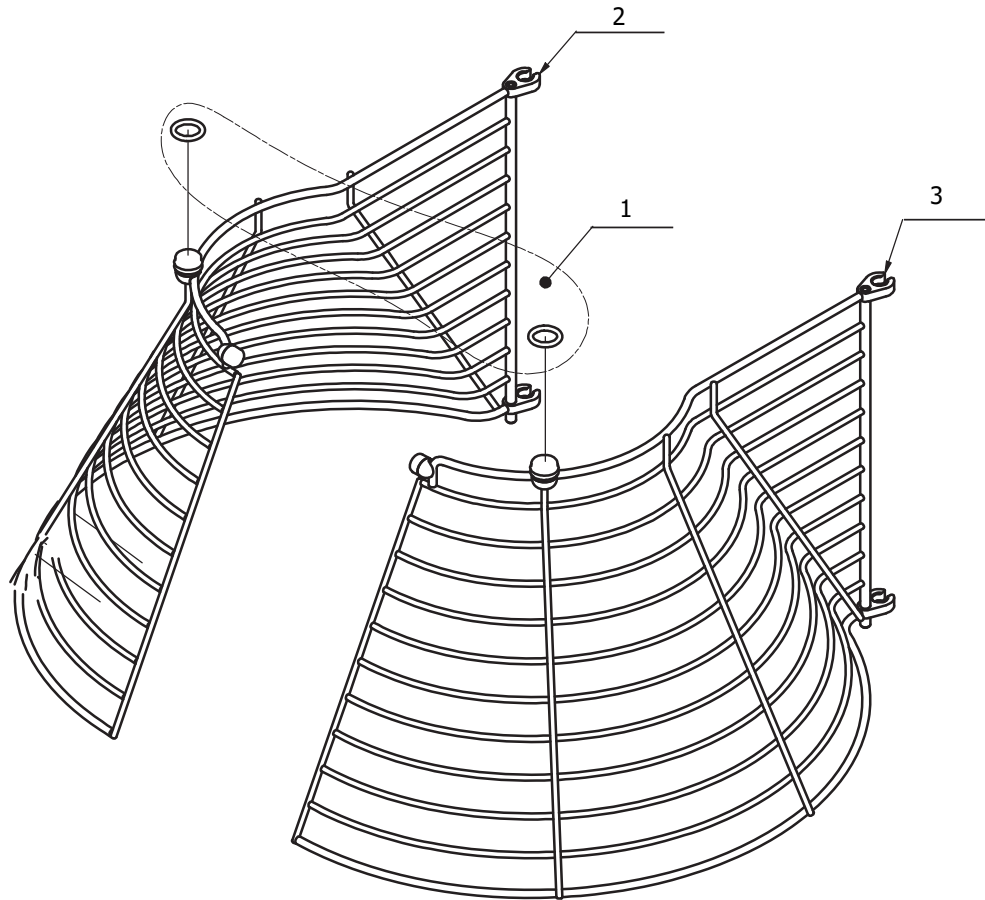
Bowl Arms

| Item # | Part # | Description |
|--------|-----------------|----------------------|
| 1. | AE140-23/24.2EZ | Bowl Arm Kit |
| 2. | AR31-128ZB | Bowl Roller Kit |
| 3. | STA9002 | Screw |
| 4. | AE140-69.2ZB | Bowl Arm Bushing Kit |
| 5. | DE141-69ZB | Bowl Arm Roller Kit |
| 6. | STA3429 | Retaining Ring |
| 7. | STA3467 | Retaining Ring |
| 8. | AE140-68ZB | Bowl Arm Shaft Kit |
| 9. | STA5066 | Flanged Bolt |



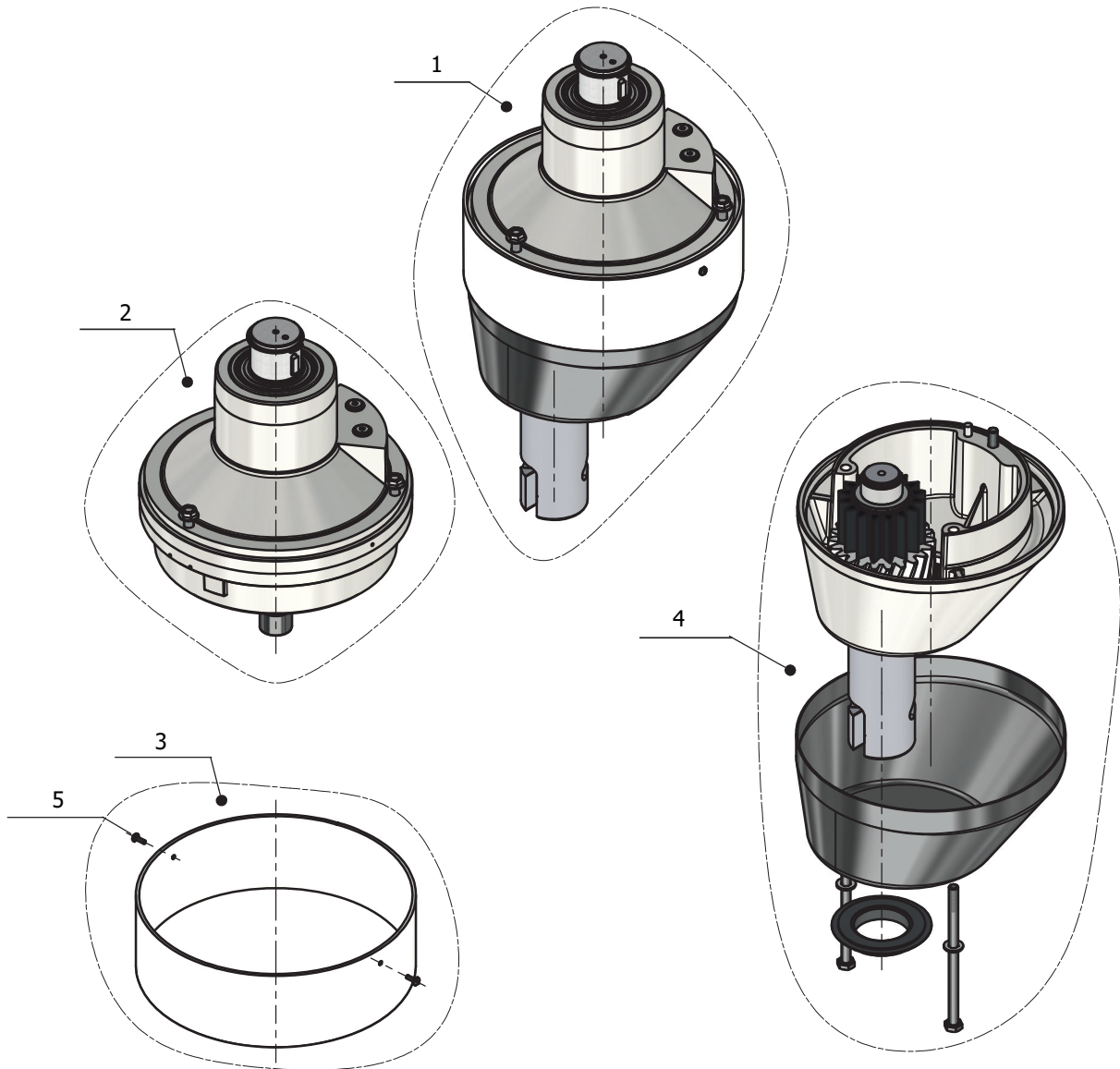
Bowl Guard

| Item # | Part # | Description |
|--------|---------------|------------------|
| 1. | STA3149ZB | O-Ring Kit |
| 2. | 35DE141-21.1M | Right Bowl Guard |
| 3. | 35DE141-22.1M | Left Bowl Guard |



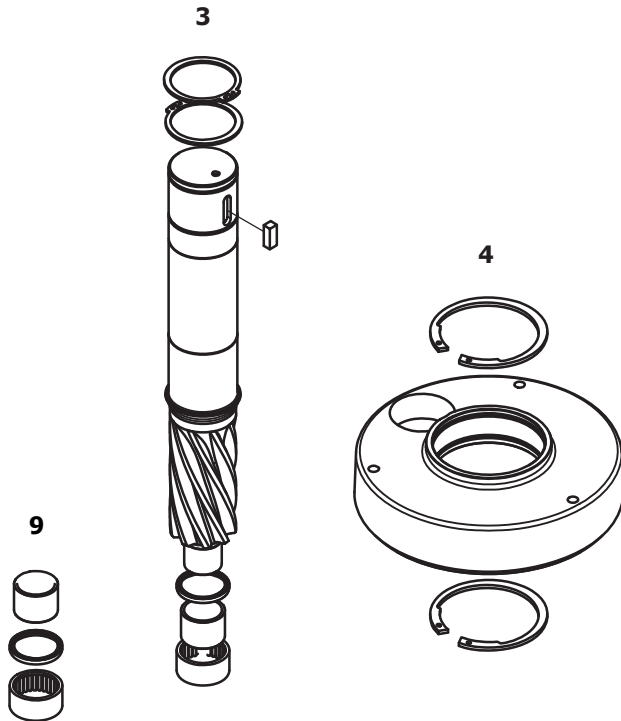
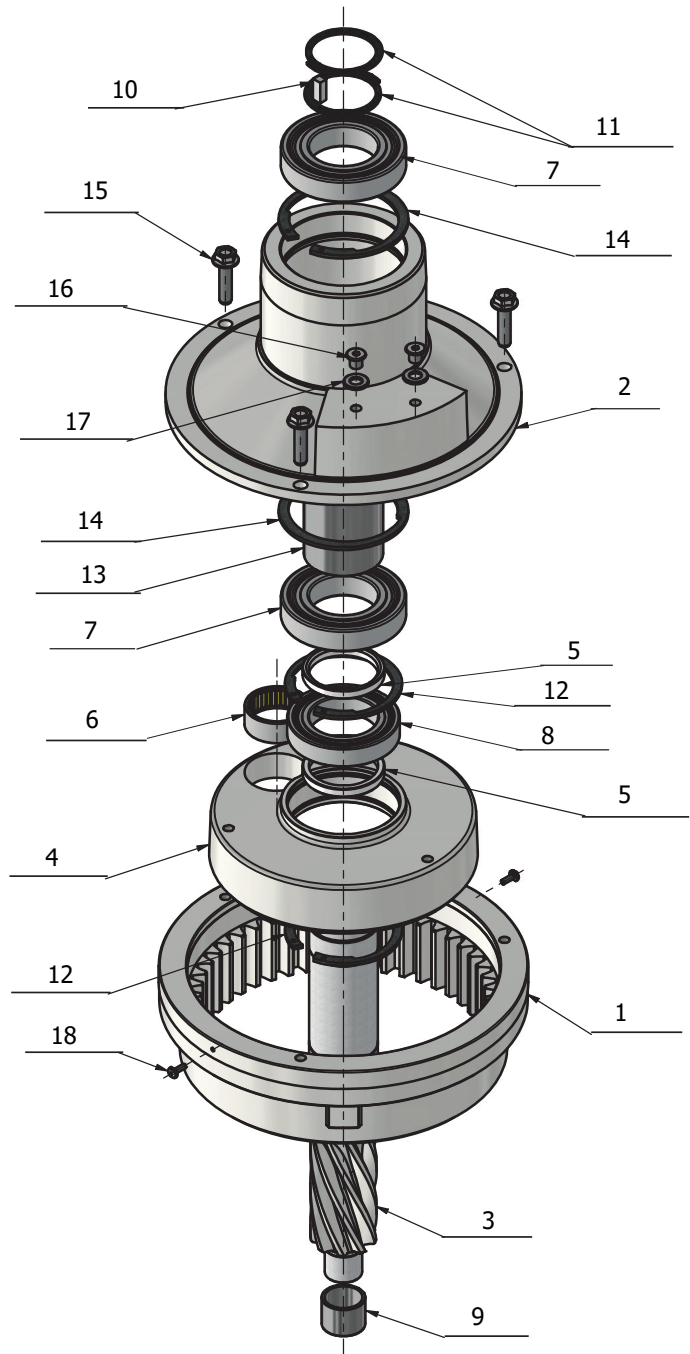
Planetary Head Assembly

| Item # | Part # | Description |
|--------|--------------|-----------------------------|
| 1. | AE140-2.23ZB | Complete Planetary Assembly |
| 2. | DE101-3.1ZB | Top Planetary Assembly |
| 3. | AR100-162ZB | Plastic Cover Kit |
| 4. | AR200-2.25ZB | Lower Planetary Assembly |
| 5. | STA9001 | Screw |



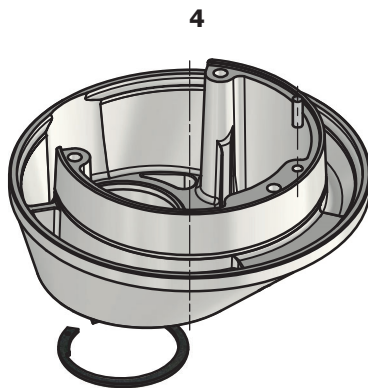
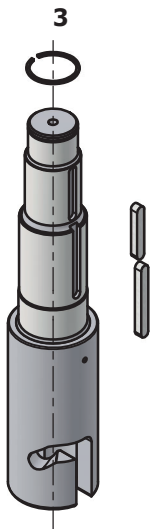
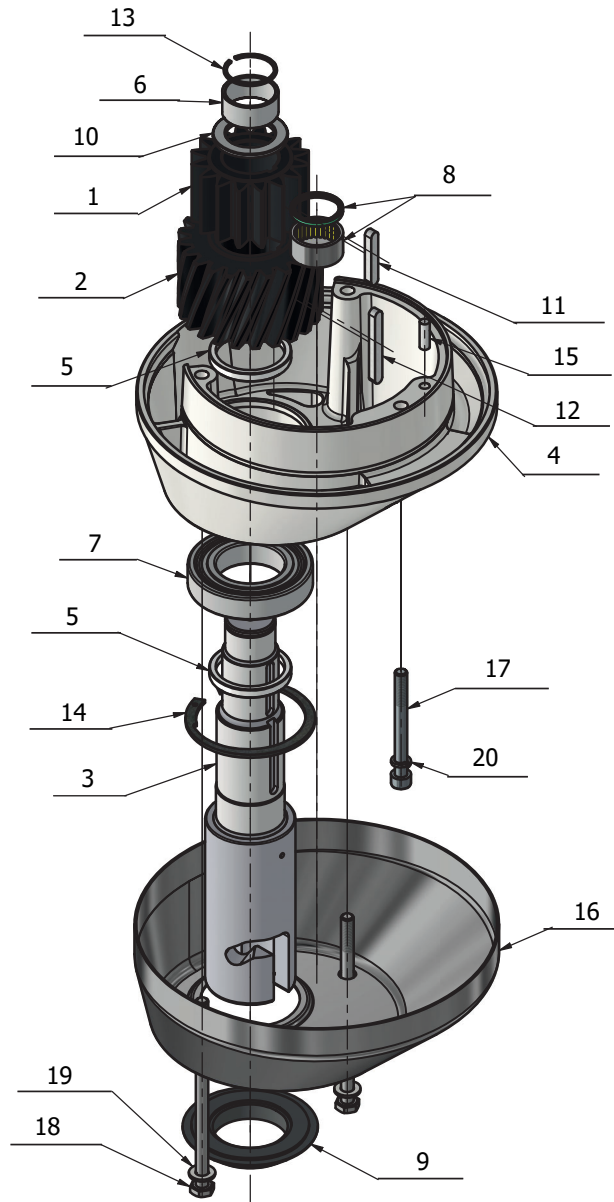
Upper Planetary Head

| 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 Bolt |
| 16. | STA5711 | Screw |
| 17. | STA6010 | Washer |
| 18. | STA9003 | Screw |



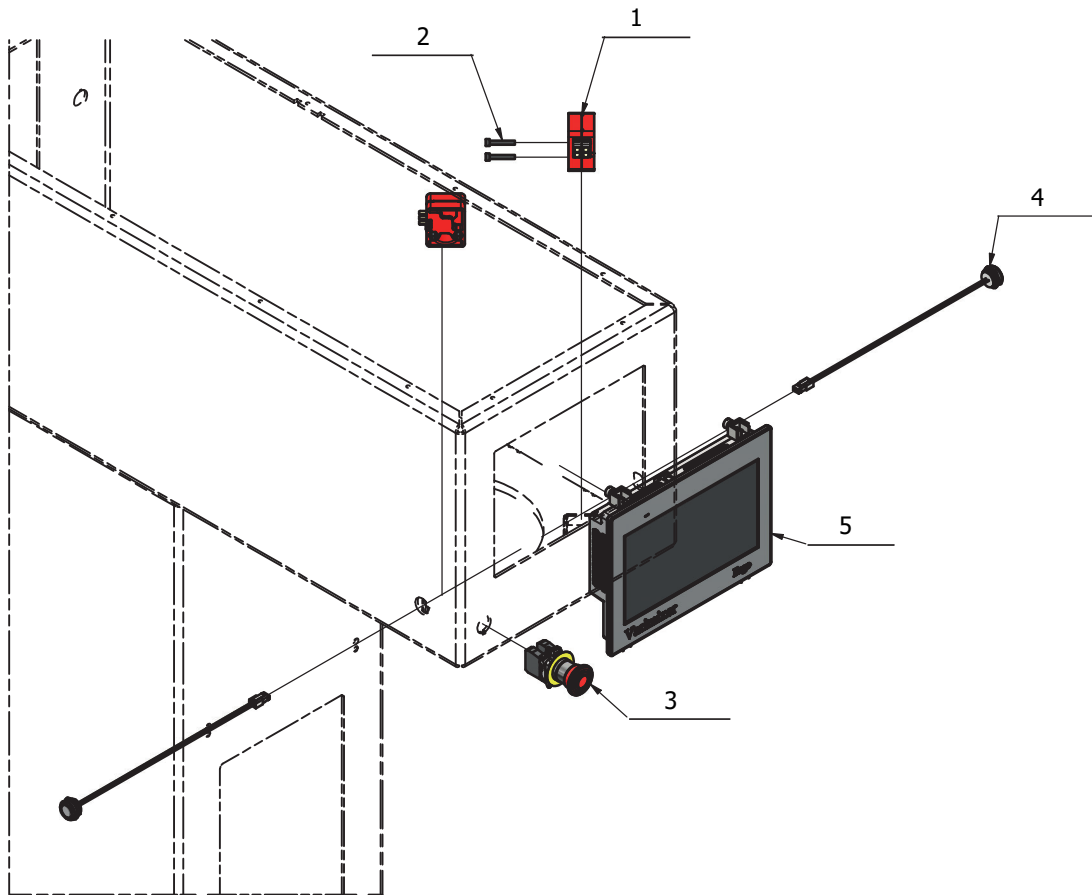
Lower Planetary Head

| Item # | Part # | Description |
|--------|-------------|--------------------|
| 1. | AR140-31 | Upper Rim Pinion |
| 2. | AR140-32 | Lower Rim Pinion |
| 3. | AR200-33.5Z | Bayonet Shaft Kit |
| 4. | R100-2Z | Eccentric Head Kit |
| 5. | R100-37 | Spacer |
| 6. | R100-96 | Needle Bearing Kit |
| 7. | R100-97 | Bearing |
| 8. | R100-101Z | Needle Bearing Kit |
| 9. | R100-209 | Seal Ring |
| 10. | R100-235 | Washer |
| 11. | STA2034 | Key |
| 12. | STA2039 | Key |
| 13. | STA3478 | Retaining Ring |
| 14. | STA3532 | Retaining Ring |
| 15. | STA6460 | Dowel Pin |
| 16. | W100-272 | Meatl Head Cap |
| 17. | STA5644 | Screw |
| 18. | STA5652 | Screw |
| 19. | STA6029 | Washer |
| 20. | STA6057 | Lock Washer |

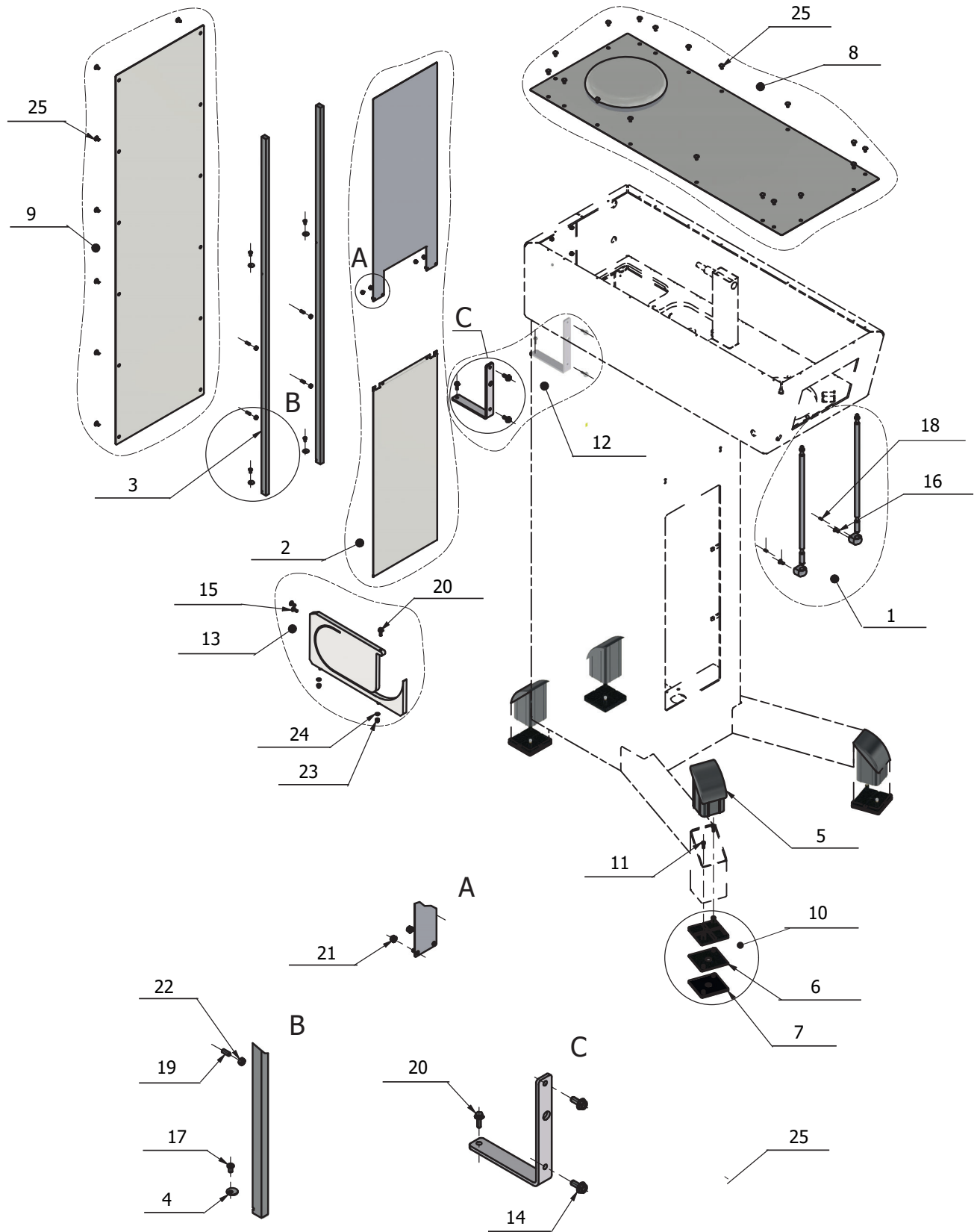


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Control Panel

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



Machine Column

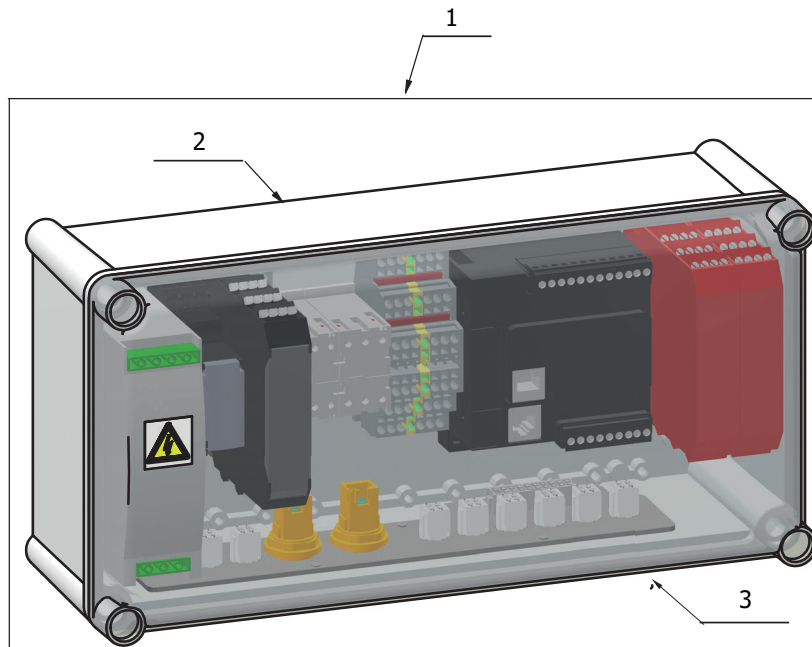


Machine Column

| Item # | Part # | Description |
|--------|---------------|-------------------------------------|
| 1. | 56AE140-25ZB | Bowl Guard Shaft Kit |
| 2. | AE140-170ZB | Cover Plates Kit |
| 3. | AE140-172.2 | Guide Rail |
| 4. | AE140-172.3 | Washer |
| 5. | AR80-212 | Knee Pad |
| 6. | AR80-214.3 | Adjustment Plate (3MM) |
| 7. | AR80-214.6 | Adjustment Plate (6MM) |
| 8. | DE141-21ZB | Top Cover Kit |
| 9. | DE141-22.17ZB | Back Cover Kit |
| 10. | AR80-213ZB | Foot & Adjustment Plate Kit (4/SET) |
| 11. | STA5615 | Screw |
| 12. | DE141-151ZB | Control Box Bracket Kit |
| 13. | DE141-172ZB | Guide Plate Kit |
| 14. | STA5066 | Flanged Bolt |
| 15. | STA5085 | Screw |
| 16. | STA5624 | Screw |
| 17. | STA5689 | Screw |
| 18. | STA5724 | Set Screw |
| 19. | STA5725 | Set Screw |
| 20. | STA5756 | Flanged Bolt |
| 21. | STA5801 | Nut |
| 22. | STA5819 | Hex Nut |
| 23. | STA5839 | Cap Nut |
| 24. | STA6008 | Washer |
| 25. | STA9000 | Special Screw |

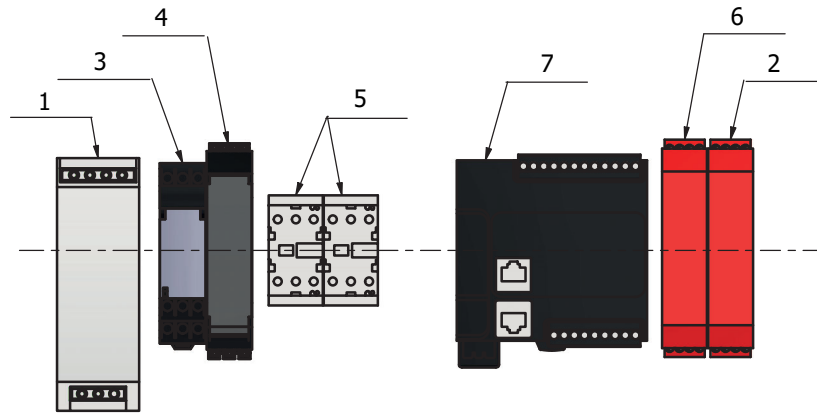
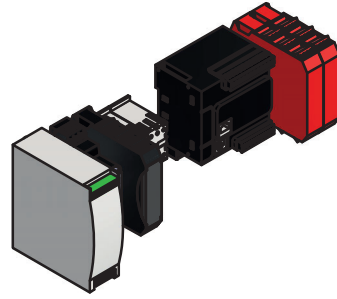
Control Box

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



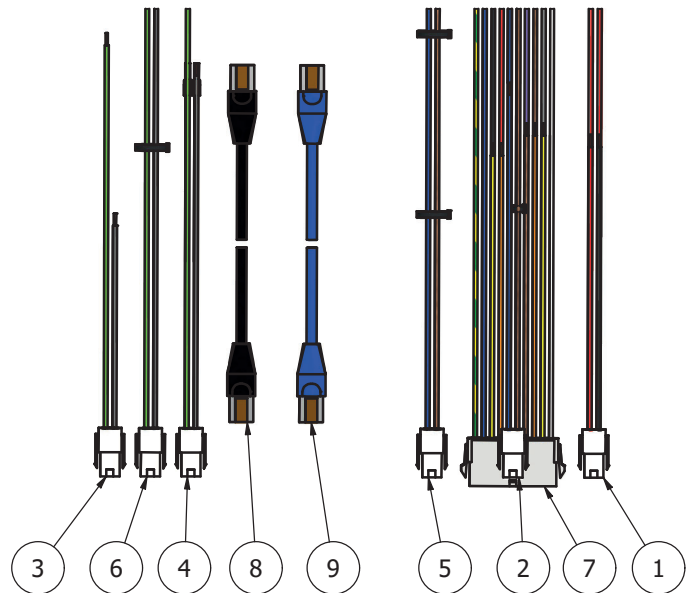
15 Control Box Components

| 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 | Contactors |
| 6. | DE61-420.7 | Safety Controller |
| 7. | DE61-470 | Control Unit |



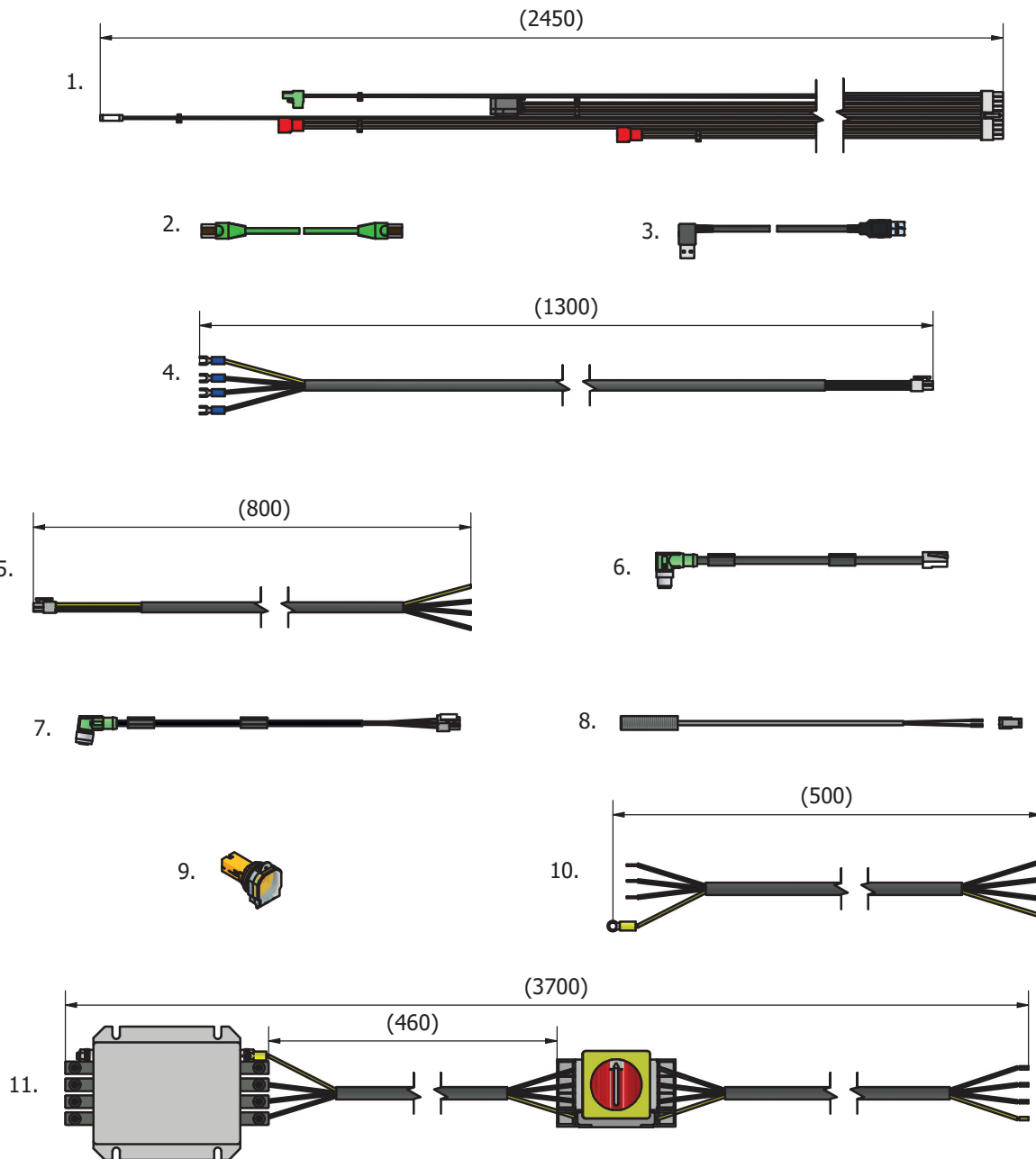
Control Box Internal Cables

| 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 |



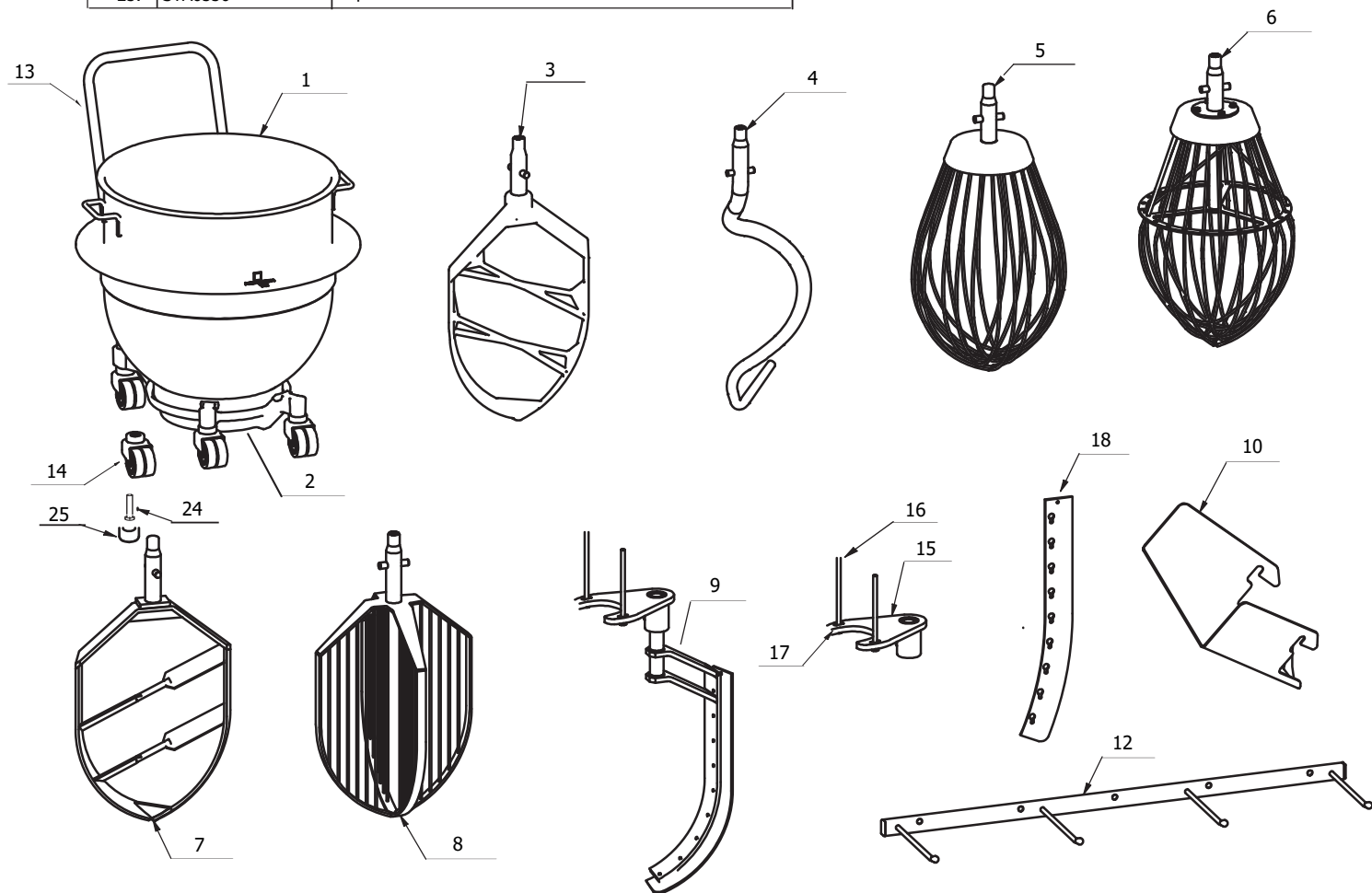
Cables

| 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. | WE141-194.31M | VFD Filter Cable |
| 11. | WE141-194.26M | VFD Supply Cable |



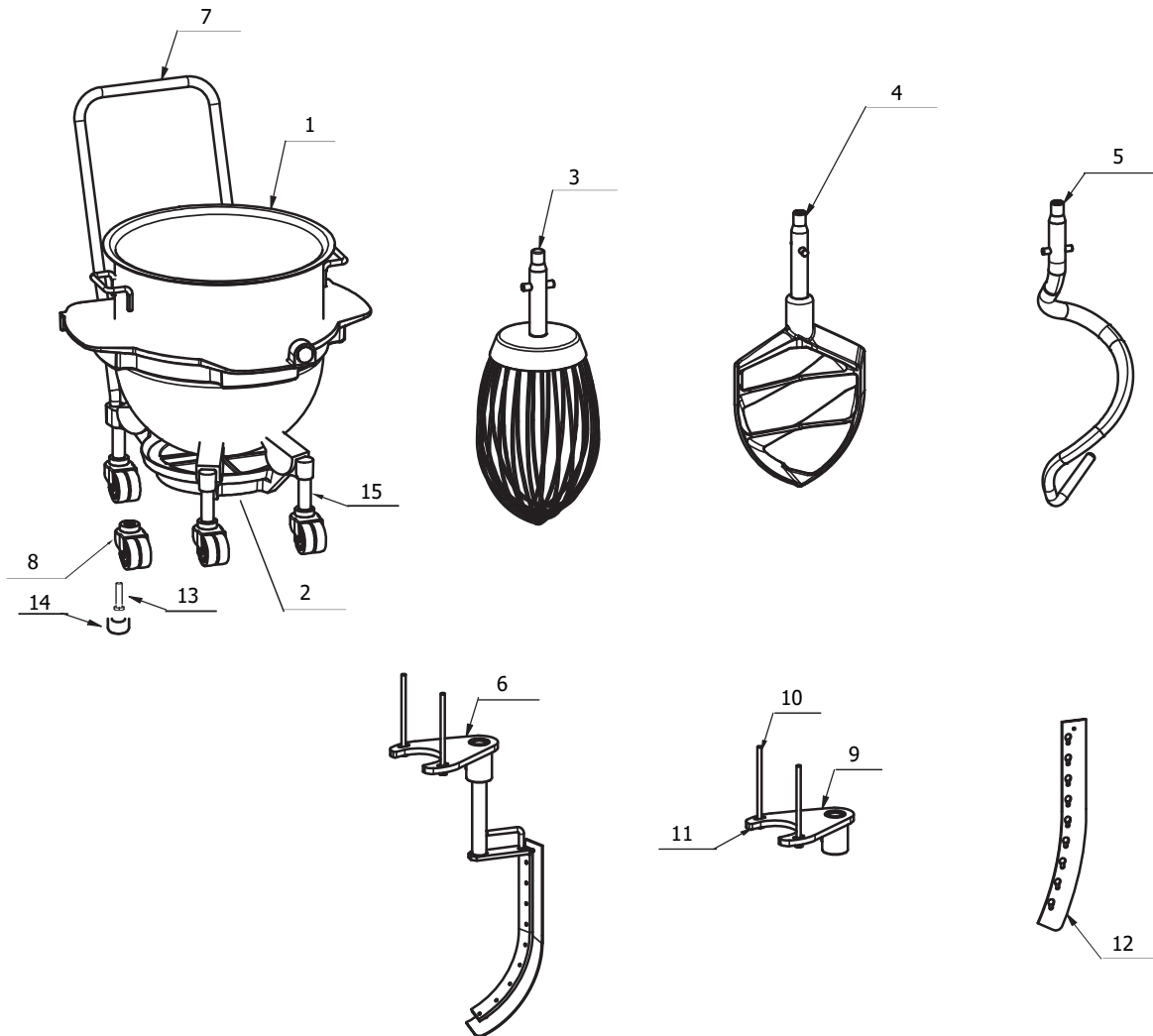
Accessories & Accessory Components

| Item # | Part # | Description |
|--------|--------------------|---|
| 1. | VBOWL-150-ERGO | SS Bowl |
| 2. | VBTRUCK-150-ERGO | Bowl Truck |
| 3. | VBEAT-150AV2 | Aluminum Beater |
| 4. | VHOOK-150 | SS Hook |
| 5. | VWHIP-150 | SS Whip |
| 6. | VHDWHIP-150 | Reinforced SS Whip |
| 7. | VBEAT-150SS | SS Beater |
| 8. | VWINGWHIP-150 | SS Wing Whip |
| 9. | VSCRIP-150 | Bowl Scraper Kit |
| 10. | VCHUTE | SS Ingredient Chute |
| 11. | VBEAT-150-VRTCL | SS Vertical Beater(NOT SHOWN) |
| 12. | VTOOLRACK60-150 | Tool Rack |
| 13. | 22R276 | Handle |
| 14. | 22R150-520 | Dual Wheel Caster |
| 15. | 42AR140-105 | Scraper Holder |
| 16. | STA5652 | Screw |
| 17. | STA6029 | Washer |
| 18. | 42AR140-204F | Scraper Blade (5MM) |
| 19. | VBOWL-150-ERGOBRKT | SS Bowl W/ Brackets (FOR MAXI LIFT/NOT SHOWN) |
| 20. | VFSLGUARD-150-ERGO | Left Full Shield Bowl Guard (NOT SHOWN) |
| 21. | VFSRGUARD-150-ERGO | Right Full Shield Bowl Guard (NOT SHOWN) |
| 22. | VPSLGUARD-150-ERGO | Left Partial Shield Bowl Guard (NOT SHOWN) |
| 23. | VPSRGUARD-150-ERGO | Right Partial Shield Bowl Guard (NOT SHOWN) |
| 24. | STA5642 | Screw |
| 25. | STA6556 | Cap |



Downsize Accessories & Accessory Components

| Item # | Part # | Description |
|--------|-------------|---------------------|
| 1. | VBOWL80-150 | SS Bowl |
| 2. | VBTRUCK-80 | Bowl Truck |
| 3. | VWHIP80-150 | SS Whip |
| 4. | VBEAT80-150 | Aluminum Beater |
| 5. | VHOOK80-150 | SS Hook |
| 6. | VSCR80-150 | Bowl Scraper Kit |
| 7. | 22R276 | Handle |
| 8. | 22R150-520 | Dual Wheel Castor |
| 9. | 42AR140-105 | Scraper Holder |
| 10. | STA5652 | Screw |
| 11. | STA6029 | Washer |
| 12. | 42AR80-204 | Scraper Blade (3MM) |
| 13. | STA5642 | Screw |
| 14. | STA6556 | Cap |
| 15. | 22R140.3 | Extension (50MM) |





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