

Wood-Mizer®

**EA3000 Edger
Cooper_Marine_I
Replacement Parts**

EA3000

rev. A1.00



Safety is our #1 concern! Read and understand all safety information and instructions before operating, setting up or maintaining this machine.

Form #816_e_Cooper_Marine_I

Table of Contents

Section-Page

| | | |
|------------------|--|------------|
| SECTION 1 | GENERAL INFORMATION | 1-1 |
| 1.1 | How To Use the Parts List..... | 1-1 |
| 1.2 | Sample Assembly | 1-1 |
| SECTION 2 | CENTERING/SCANNING TABLE | 2-1 |
| 2.1 | Centering Table 1/3 | 2-1 |
| 2.2 | Centering Table 2/3 | 2-2 |
| 2.3 | Centering Table 3/3 | 2-3 |
| 2.4 | Upper Beam (545761) | 2-5 |
| 2.5 | Upper Cylinder Mount Bracket (533020) | 2-7 |
| 2.6 | Sensor Bracket (533392) | 2-8 |
| 2.7 | Hold-Down Arm (547103) | 2-9 |
| 2.8 | Hold-Down Roller Assembly (533041) | 2-10 |
| 2.9 | Hold-Down Arm Cylinder Assembly (533046) | 2-11 |
| 2.10 | Valve Block (547101) | 2-12 |
| 2.11 | Valve Block (533356) | 2-13 |
| 2.12 | Pressure Regulator (533357) | 2-14 |
| 2.13 | Optical Sensor Assembly (533229) | 2-15 |
| 2.14 | Transport (545762) | 2-16 |
| 2.15 | Chain Return Wearstrip (533220) | 2-18 |
| 2.16 | Return Head (545810) | 2-19 |
| 2.17 | Feed Head (533211) | 2-21 |
| 2.18 | Fliper (545770) | 2-22 |
| 2.19 | Fliper Strip (545781) | 2-23 |
| 2.20 | Fliper Strip (545778) | 2-24 |
| 2.21 | Fliper Strip (545779) | 2-25 |
| 2.22 | Fliper Strip (545780) | 2-26 |
| 2.23 | Cylinder (545793) | 2-27 |
| 2.24 | Chain Lubrication Set (547124) | 2-28 |
| 2.25 | Air Supply Assembly (533382) | 2-29 |
| 2.26 | Air Supply Assembly (533287) | 2-30 |
| 2.27 | Cable Channel (533384) | 2-31 |
| 2.28 | Valve Control Panel (545829) | 2-32 |
| 2.29 | Valve Block (545830) | 2-33 |
| 2.30 | Valve Control Panel (545831) | 2-34 |
| 2.31 | Valve Block (545832) | 2-35 |
| 2.32 | Centraliser Right Arm (532128) | 2-36 |
| 2.33 | Centraliser Left Arm (532129) | 2-38 |
| 2.34 | Cylinder Assembly (532135) | 2-39 |
| 2.35 | Sprocket Assembly (533060) | 2-40 |
| 2.36 | Shaft (545846) | 2-41 |
| 2.37 | Shaft (545849) | 2-42 |
| 2.38 | Shaft - Part 3 (533070) | 2-43 |

Table of Contents

Section-Page

| | | |
|------|--------------------------------|------|
| 2.39 | Cylinder Assembly (532679) | 2-44 |
| 2.40 | Camera Mount Frame (545833) | 2-45 |
| 2.41 | Camera Mount Assembly (545839) | 2-47 |
| 2.42 | Cable Duct (533327) | 2-48 |

SECTION 3 EA3000 EDGER

3-1

| | | |
|------|---|------|
| 3.1 | EA3000 Edger | 3-1 |
| 3.2 | Decals | 3-2 |
| 3.3 | Edger Base Assembly (532016) | 3-3 |
| 3.4 | Edger Central Frame (544651) | 3-5 |
| 3.5 | Top Cover (528987) | 3-7 |
| 3.6 | Bottom Roller Assembly (544676) | 3-8 |
| 3.7 | Feed Roller Assembly (544679) | 3-9 |
| 3.8 | Hold-Down Assembly (544681, 544688) | 3-10 |
| 3.9 | Hold-Down Roller (544684) | 3-12 |
| 3.10 | Intermediate Shaft (528990) | 3-13 |
| 3.11 | Pneumatic Cylinder Bracket (532407) | 3-14 |
| 3.12 | Motoreducer (532410) | 3-15 |
| 3.13 | Belt Routing Pulley Mount (532422) | 3-16 |
| 3.14 | Drive Assembly (544689) | 3-17 |
| 3.15 | Curtain Set (532860) | 3-18 |
| 3.16 | Hold-Down Roller Bumper (533854) | 3-19 |
| 3.17 | Guards & Covers (544690) | 3-20 |
| 3.18 | Moving Assembly (532850, 532440) | 3-21 |
| 3.19 | Blade Drive Assembly (532444) | 3-23 |
| 3.20 | Arbor Assemblies (532852, 532445) | 3-24 |
| 3.21 | Plummer Block Housing (Part No. 529068) | 3-25 |
| 3.22 | Plummer Block Housing (Part No. 529060) | 3-26 |
| 3.23 | Arbor/Motor Housing (532605) | 3-27 |
| 3.24 | Servo Drive (529117) | 3-28 |
| 3.25 | Servo Drive (529098) | 3-29 |

SECTION 4 EA3000 LONG CONVEYOR. 543800

4-1

| | | |
|------|-----------------------------|------|
| 4.1 | Long Conveyor. 543800 | 4-1 |
| 4.2 | Transport Assembly (546141) | 4-2 |
| 4.3 | Shaft Bracket (No. 536522) | 4-4 |
| 4.4 | Transport Assembly (546133) | 4-5 |
| 4.5 | Hook Shaft (546145) | 4-7 |
| 4.6 | Flipper Assembly (546147) | 4-8 |
| 4.7 | Right Flipper Arm (533442) | 4-9 |
| 4.8 | Left Flipper Arm (533443) | 4-10 |
| 4.9 | Crossbeam (543804) | 4-11 |
| 4.10 | Cylinder (546148) | 4-12 |

Table of Contents

Section-Page

| | | |
|------------------|---|------------|
| 4.11 | Cylinder (543795) | 4-13 |
| 4.12 | Cylinder (No. 536583) | 4-14 |
| 4.13 | Cylinder (546154) | 4-15 |
| 4.14 | Cylinders Set (536584) | 4-16 |
| 4.15 | Crossbeam (543805) | 4-17 |
| 4.16 | Crossbeam (543811) | 4-18 |
| 4.17 | Drive Shaft (543824) | 4-19 |
| 4.18 | Pneumatic Box (546155) | 4-20 |
| 4.19 | Valve Block (546156) | 4-22 |
| 4.20 | Crosschannel (546157) | 4-23 |
| 4.21 | Crosschannel (546160) | 4-24 |
| 4.22 | Crosschannel (546162) | 4-25 |
| 4.23 | Switch Assembly (543831) | 4-26 |
| 4.24 | Switch Assembly (543829) | 4-28 |
| 4.25 | Limit Switch (No. 536561) | 4-30 |
| 4.26 | Limit Switch (No. 536552) | 4-31 |
| | | |
| SECTION 5 | ANTI-SPLINTER ASSEMBLY | 5-1 |
| 5.1 | Anti-Splinter Assembly | 5-1 |
| 5.2 | Anti-Splinter Curtain (544723) | 5-2 |
| | | |
| SECTION 6 | 7M OUTFEED CONVEYOR (TAILER) 544712. | 6-1 |
| 6.1 | 7m Tailer (544712) | 6-1 |
| 6.2 | Decals | 6-2 |
| 6.3 | Outfeed Chain Bridge (544713) | 6-4 |
| 6.4 | Idler Sprocket Assembly (531582) | 6-5 |
| 6.5 | Drive Assembly (544716) | 6-6 |
| 6.6 | Hold-Down Wheel Assembly (538320) | 6-8 |
| 6.7 | Brackets (533166) | 6-10 |

SECTION 1 GENERAL INFORMATION

1.1 How To Use the Parts List

- Use the index above to locate the assembly that contains the part you need.
- Go to the appropriate section and locate the part in the illustration.
- Use the number pointing to the part to locate the correct part number and description in the table.
- Parts shown indented under another part are included with that part.
- Parts marked with a diamond (◆) are only available in the assembly listed above the part.

See the sample table below. Sample Part #A01111 includes part F02222-2 and subassembly A03333. Subassembly A03333 includes part S04444-4 and subassembly K05555. The diamond (◆) indicates that S04444-4 is not available except in subassembly A03333. Subassembly K05555 includes parts M06666 and F07777-77. The diamond (◆) indicates M06666 is not available except in subassembly K05555.

| 1.2 Sample Assembly | | | | |
|---------------------|---|-----------|-----|---|
| REF. | DESCRIPTION (◆ Indicates Parts Available In Assemblies Only) | PART # | QTY | |
| | Sample Assembly, Complete (Includes All Indented Parts Below) | A01111 | 1 | |
| 1 | Sample Part | F02222-22 | 1 | |
| | Sample Subassembly (Includes All Indented Parts Below) | A03333 | 1 | |
| 2 | Sample Part (◆ Indicates Part Is Only Available With A03333) | S04444-4 | 1 | ◆ |
| | Sample Subassembly (Includes All Indented Parts Below) | K05555 | 1 | |
| 3 | Sample Part (◆ Indicates Part Is Only Available With K05555) | M06666 | 2 | ◆ |
| 4 | Sample Part | F07777-77 | 1 | |

To Order Parts:

- From Europe call our European Headquarters and Manufacturing Facility in Kolo, Poland at **+48-63-2626000**. From the continental U.S., call our toll-free Parts hotline at **1-800-525-8100**. Have your customer number, vehicle identification number, and part numbers ready when you call. From other international locations, contact the Wood-Mizer distributor in your area for parts.

Office Hours:

| Country | Monday - Friday | Saturday | Sunday |
|---------|-----------------|-----------------|--------|
| Poland | 7-15 | Closed | Closed |
| US | 8 a.m.- 5 p.m. | 8 a.m.- 12 p.m. | Closed |

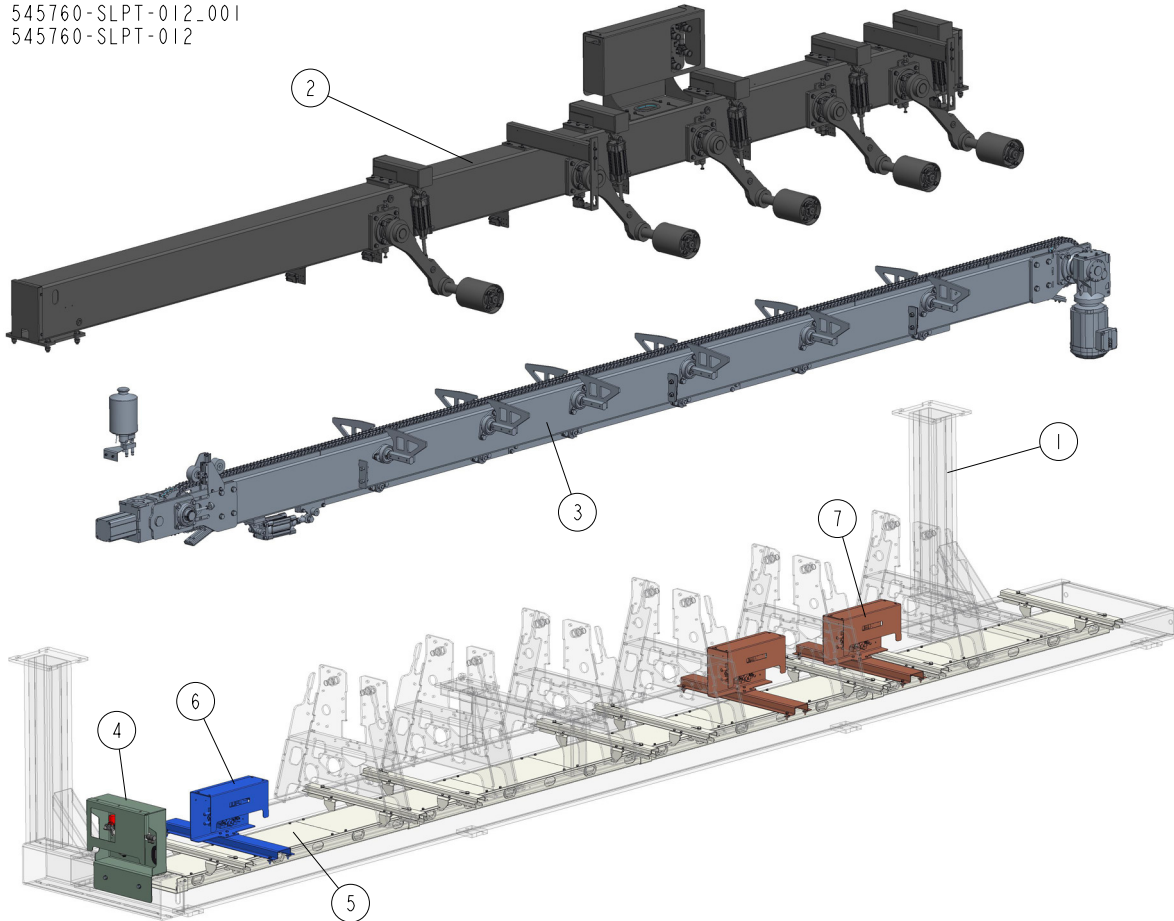


CAUTION! It is strongly recommended that only original spare parts be used.

SECTION 2 CENTERING/SCANNING TABLE

2.1 Centering Table 1/3

545760-SLPT-012_001
545760-SLPT-012



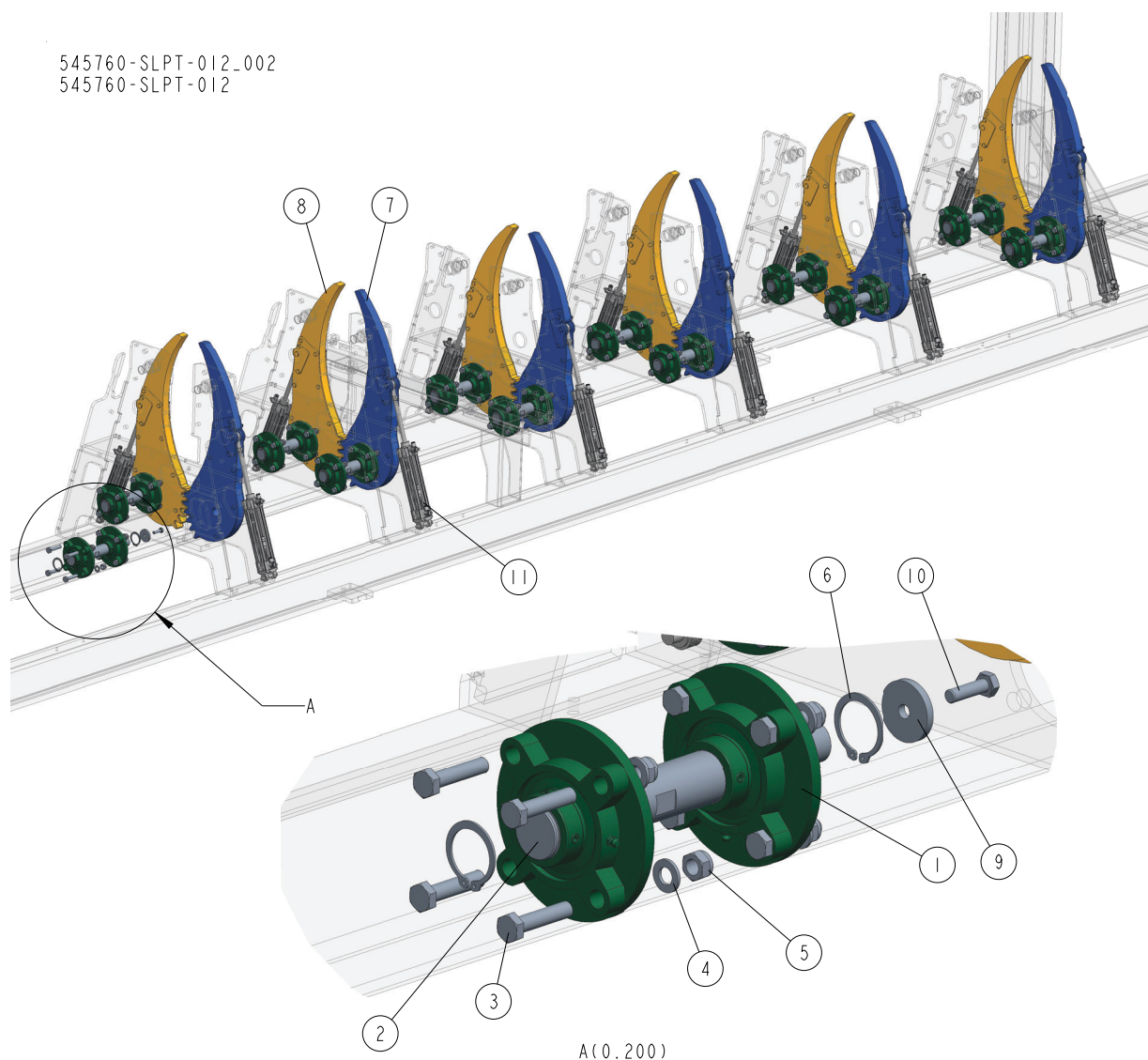
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------------|-----|
| - | CENTRALIZING/SCANNING TABLE | 545760-SLPT-012 | 1 |
| 1 | BASE BOTTOM | 545763-1 | 1 |
| 2 | BEAM UPPER COMPLETE See Section 2.4 | 545761 | 1 |
| 3 | TRANSPORT COMPLETE See Section 2.14 | 545762 | 1 |
| 4 | AIR SUPPLY ASSEMBLY W/MOUNT PLATE See Section 2.25 | 533382 | 1 |
| 5 | CHANNEL CABLE COMPLETE See Section 2.27 | 533384 | 4 |
| 6 | PANEL CONTROL VALVE 4 COMPLETE See Section 2.28 | 545829 | 1 |
| 7 | PANEL CONTROL VALVE COMPLETE See Section 2.30 | 545831 | 2 |

2 CENTERING/SCANNING TABLE

Centering Table 2/3

2.2 Centering Table 2/3

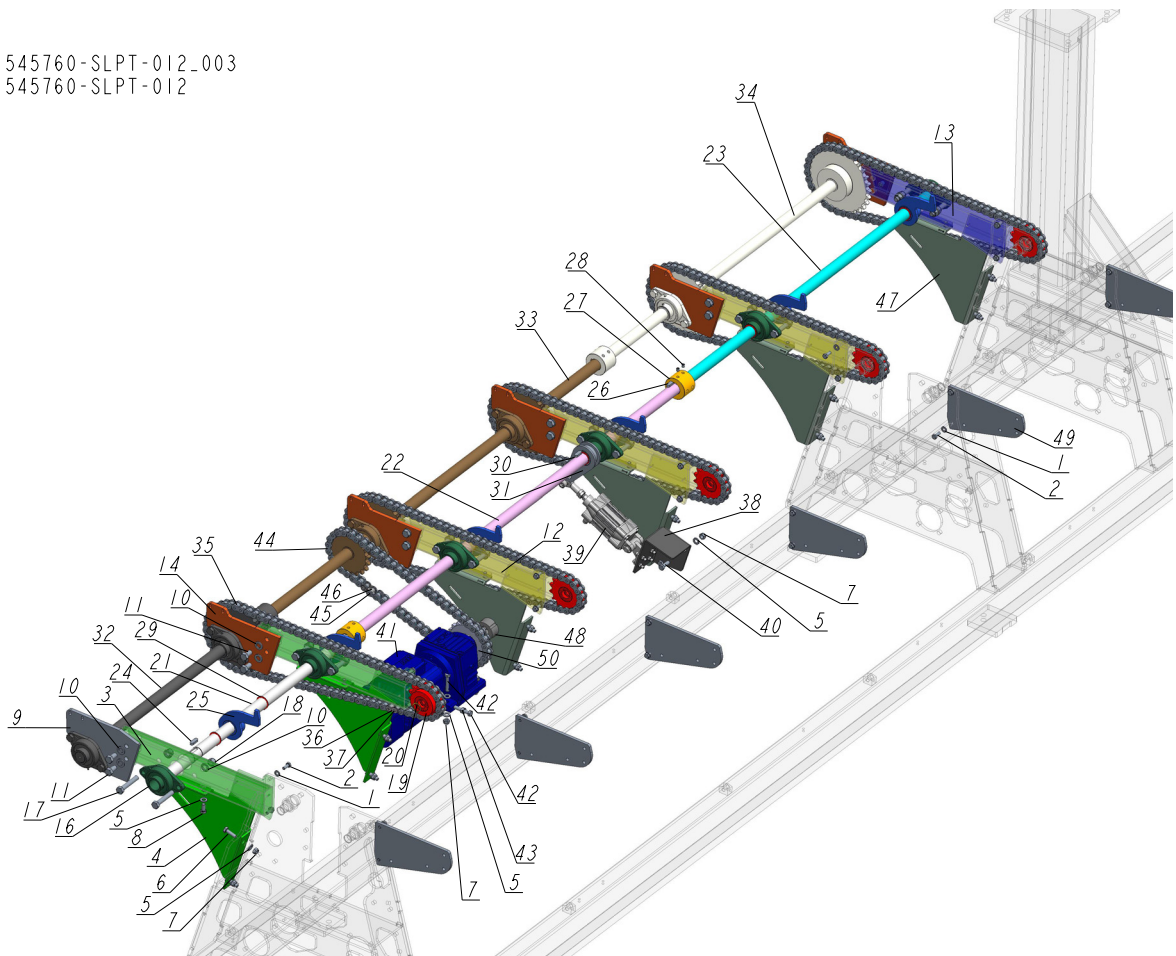
545760-SLPT-012_002
545760-SLPT-012



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------------|-----|
| - | CENTRALIZING/SCANING TABLE | 545760-SLPT-012 | 1 |
| 1 | BEARING, UCFC 208 W/HOUSING | 532121 | 24 |
| 2 | AXIS | 547108 | 12 |
| 3 | BOLT M12X55 HH ZC FT 8.8 DIN 933 | F81004-43 | 96 |
| 4 | WASHER, 13 FLAT ZINC | F81056-1 | 96 |
| 5 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 101 |
| 6 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 24 |
| 7 | ARM, RIGHT CENTRALISER See Section 2.32 | 532128 | 6 |
| 8 | ARM, CENTRALISER LEFT - COMPLETE See Section 2.33 | 532129 | 6 |
| 9 | WASHER, 10.5/45-6 ZINC-PLATED | 086286-1 | 12 |
| 10 | BOLT, M10X35-8.8 HEX HEAD FULL THREAD ZIN | F81003-17 | 12 |
| 11 | CYLINDER ASSEMBLY, CP96SDD40-150C See Section 2.34 | 532135 | 12 |

2.3 Centering Table 3/3

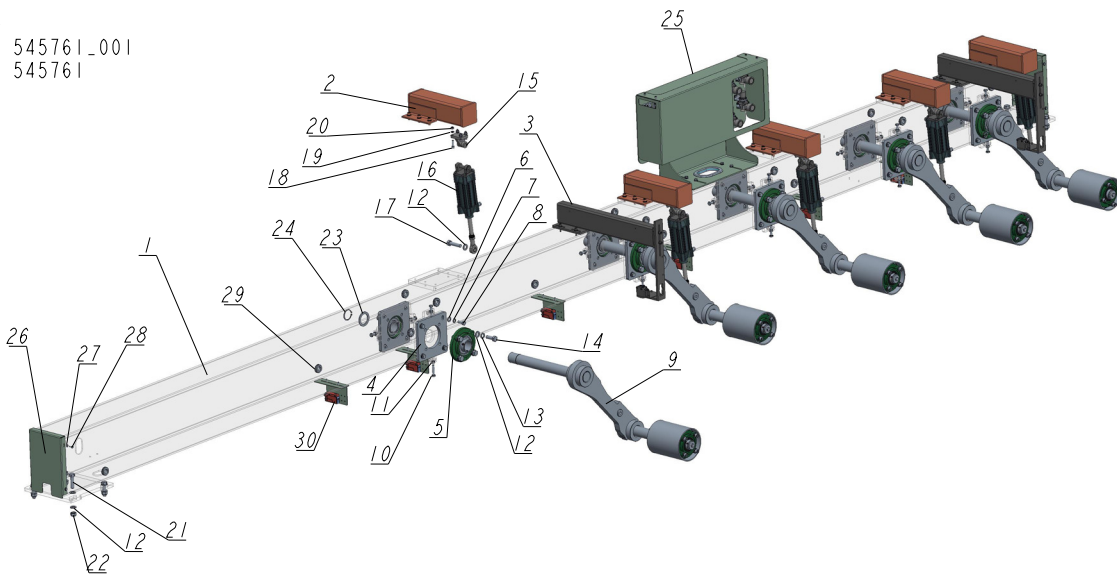
545760-SLPT-012-003
545760-SLPT-012



| REF | DESCRIPTION (u indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------------|-----|
| - | CENTRALIZING/SCANNING TABLE | 545760-SLPT-012 | 1 |
| 1 | WASHER, 10.5 FLAT ZINC | F81055-1 | 24 |
| 2 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 24 |
| 3 | ARM WELDMENT, RIGHT | 532115-1 | 2 |
| 4 | BRACKET, LEFT | 532119-1 | 2 |
| 5 | WASHER, 13 FLAT ZINC | F81056-1 | 35 |
| 6 | BOLT, M12X40-8.8 HEX HEAD FULL THREAD ZI | F81004-4 | 12 |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 19 |
| 8 | BOLT, M12X25-8.8 HEX HEAD FULL THREAD ZI | F81004-31 | 12 |
| 9 | CAP ARM | 547112-1 | 1 |
| 10 | WASHER, 17 FLAT ZINC | F81058-1 | 24 |
| 11 | BOLT, M16X30-8.8 HEX HEAD FULL THREAD ZI | F81006-36 | 12 |
| 12 | ARM WELDMENT, RIGHT | 532676-1 | 3 |
| 13 | ARM WELDMENT, RIGHT | 532114-1 | 1 |
| 14 | PLATE, BEARING | 532116-1 | 5 |
| 15 | BEARING, UCFC 208 W/HOUSING | 532121 | 24 |
| 16 | BEARING UNIT, UCFL208 | 099423 | 6 |
| 17 | BOLT, M16 X 90-8.8 HEX HEAD ZINC | F81006-17 | 12 |
| 18 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 14 |
| 19 | SPROCKET ASSEMBLY See Section 2.35 | 533060 | 5 |

| REF | DESCRIPTION (u indicates parts available in assemblies only) | PART # | QTY | |
|-----|---|-----------|-----|--|
| 20 | RING, Z30 SPRING RETAINING | F81090-23 | 5 | |
| 21 | SHAFT 2 | 545848 | 1 | |
| 22 | SHAFT 3 | 547111 | 1 | |
| 23 | SHAFT (1) | 533059 | 1 | |
| 24 | KEY, A12X8X36 PARALLEL | 503182 | 7 | |
| 25 | FINGER WELDMENT, LEFT STOPPER | 532666-1 | 6 | |
| 26 | KEY, AB12X8X28 PARALLEL | 532667 | 4 | |
| 27 | COUPLER | 532157-1 | 2 | |
| 28 | SCREW, M10X12-45H ZINC SET | F81003-46 | 8 | |
| 29 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 15 | |
| 30 | KEY, A12X8X32 PARALLEL | 507798 | 1 | |
| 31 | ARMS CYLINDER | 533396-1 | 1 | |
| 32 | SHAFT 1 COMPLETE See Section 2.36 | 545846 | 1 | |
| 33 | SHAFT 2 COMPLETE See Section 2.37 | 545849 | 1 | |
| 34 | SHAFT, COMPLETE - PART 3 See Section 2.38 | 533070 | 1 | |
| - | CHAIN, 16 A-1 (1"X5/8") COMPLETE | 533072 | 6 | |
| 35 | CHAIN, 16 A-1 (1"X5/8") 82-LINK L=2083 | 533073 | 1 | |
| 36 | LINK, 16A-1 (1"X5/8") OFFSET | 533201 | 1 | |
| 37 | LINK, 16A-1 (1"X5/8") MASTER | 533202 | 1 | |
| 38 | COUNTER PIVOT | 532685-1 | 1 | |
| 39 | CYLINDER ASSEMBLY, CP96SD63-40C - COMPLE See Section 2.39 | 532679 | 1 | |
| 40 | BOLT, M12 X 35-8.8 HEX HEAD FULL THREAD | F81004-24 | 3 | |
| 41 | MOTOREDUCER, SEW R57 DRN100LM4 I=186 N2 | 716712 | 1 | |
| 42 | BOLT M12X60-8 HEX HEAD FULL THREAD ZINC | F81004-51 | 6 | |
| 43 | NUT, M12X1.25 -8 HEX ZINC | F81034-8 | 2 | |
| - | CHAIN, DRIVE - COMPLETE | 533204 | 1 | |
| 44 | CHAIN, 16A-1 (1"X5/8") L=1448 MM/(57") 5 | 533205 | 1 | |
| 45 | LINK, 16A-1 (1"X5/8") MASTER | 533202 | 1 | |
| 46 | LINK, 16A-1 (1"X5/8") OFFSET | 533201 | 1 | |
| 47 | BRACKET, RIGHT | 532117-1 | 4 | |
| 48 | BUSHING, 2012-35 TAPER LOCK | 533260 | 1 | |
| 49 | PLATE SLIDE | 533391-1 | 6 | |
| 50 | CHAIN SPROCKET MARTIN 80BTB19H; TAPER LOCK 2012 | 533203 | 1 | |

2.4 Upper Beam (545761)



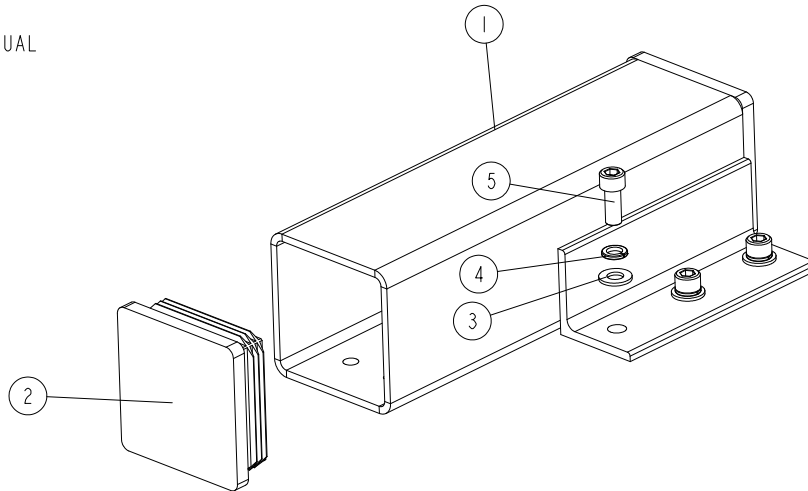
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BEAM UPPER COMPLETE | 545761 | 1 |
| 1 | BEAM UPPER | 545791-1 | 1 |
| 2 | BRACKET, UPPER CYLINDER MOUNT - COMPLETE See Section 2.5 | 533020 | 5 |
| 3 | BRACKET SENSOR COMPLETE See Section 2.6 | 533392 | 2 |
| 4 | PLATE, MOUNT | 533014-1 | 10 |
| 5 | BEARING, UCFC 210 W/HOUSING | 533032 | 10 |
| 6 | WASHER, 13 FLAT ZINC | F81056-1 | 40 |
| 7 | WASHER, 12.2 SPLIT LOCK ZINC | F81056-2 | 40 |
| 8 | BOLT, M12 X 30-8.8 HEX HEAD FULL THREAD | F81004-22 | 42 |
| 9 | ARM HOLD-DOWN See Section 2.7 | 547103 | 5 |
| 10 | BOLT, M10X50-8.8 HEX HEAD FULL THREAD ZI | F81003-4 | 20 |
| 11 | NUT, M10-8-B-HEX ZINC | F81033-3 | 20 |
| 12 | WASHER, 17 FLAT ZINC | F81058-1 | 61 |
| 13 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 39 |
| 14 | BOLT M16X45-8.8-FE/ZN5 PN-M/82105. | F81006-46 | 38 |
| 15 | CLEVIS, E5063 ANGLED (SMC) | 532680 | 5 |
| 16 | CYLINDER ASSEMBLY, HOLD-DOWN ARM See Section 2.9 | 533046 | 5 |
| 17 | BOLT, M16X65 8.8 HEX HEAD FULL THREAD ZI | F81006-1 | 5 |
| 18 | BOLT, M8 X 30-8.8 SOCKET HEAD | F81002-31 | 20 |
| 19 | WASHER, 8.4 FLAT ZINC | F81054-1 | 20 |
| 20 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 20 |
| 21 | BOLT, M16 X 60 8.8 FE/ZN5 HEX HEAD FULL | F81006-12 | 8 |
| 22 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 8 |
| 23 | WASHER | 533263-1 | 4 |
| 24 | RING, Z50 OUTSIDE RETAINING | F81090-28 | 4 |
| 25 | BLOCK VALVE COMPLETE See Section 2.10 | 547101 | 1 |
| 26 | CAP, 300X200 TUBE END | 533311-1 | 2 |
| 27 | WASHER, 6.4 FLAT ZINC | F81053-1 | 8 |
| 28 | BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN | F81001-15 | 8 |

2**Upper Beam (545761)**

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|--------|-----|--|
| 29 | GROMMET, 22MM RUBBER | 087400 | 16 | |
| 30 | SENSOR ASSEMBLY, DIFFUSE W/BACKGROUND See Section 2.13 | 533229 | 6 | |

2.5 Upper Cylinder Mount Bracket (533020)

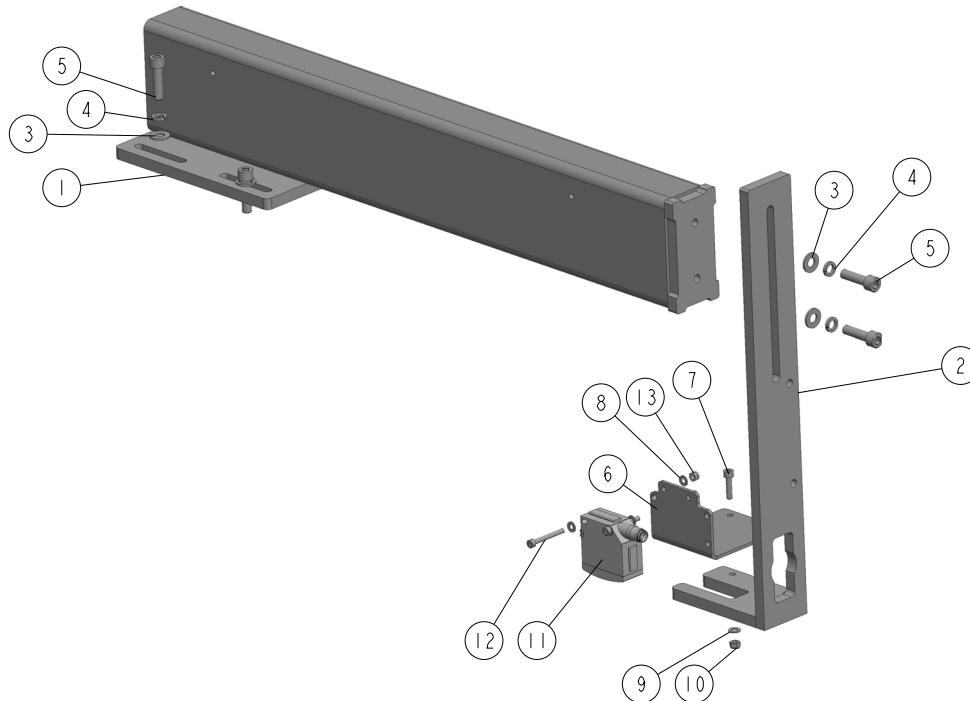
533020_001
533020_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | BRACKET, UPPER CYLINDER MOUNT - COMPLETE | 533020 | 4 |
| 1 | BRACKET WELDMENT, UPPER CYLINDER MOUNT | 533019-1 | 1 |
| 2 | CAP, 100X100 #199200 SQUARE TUBE END | 090694 | 2 |
| 3 | WASHER, 10.5 FLAT ZINC | F81055-1 | 6 |
| 4 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 6 |
| 5 | SCREW, M10X25 8.8 HEX SOCKET HEAD CAP ZINC | F81003-32 | 6 |

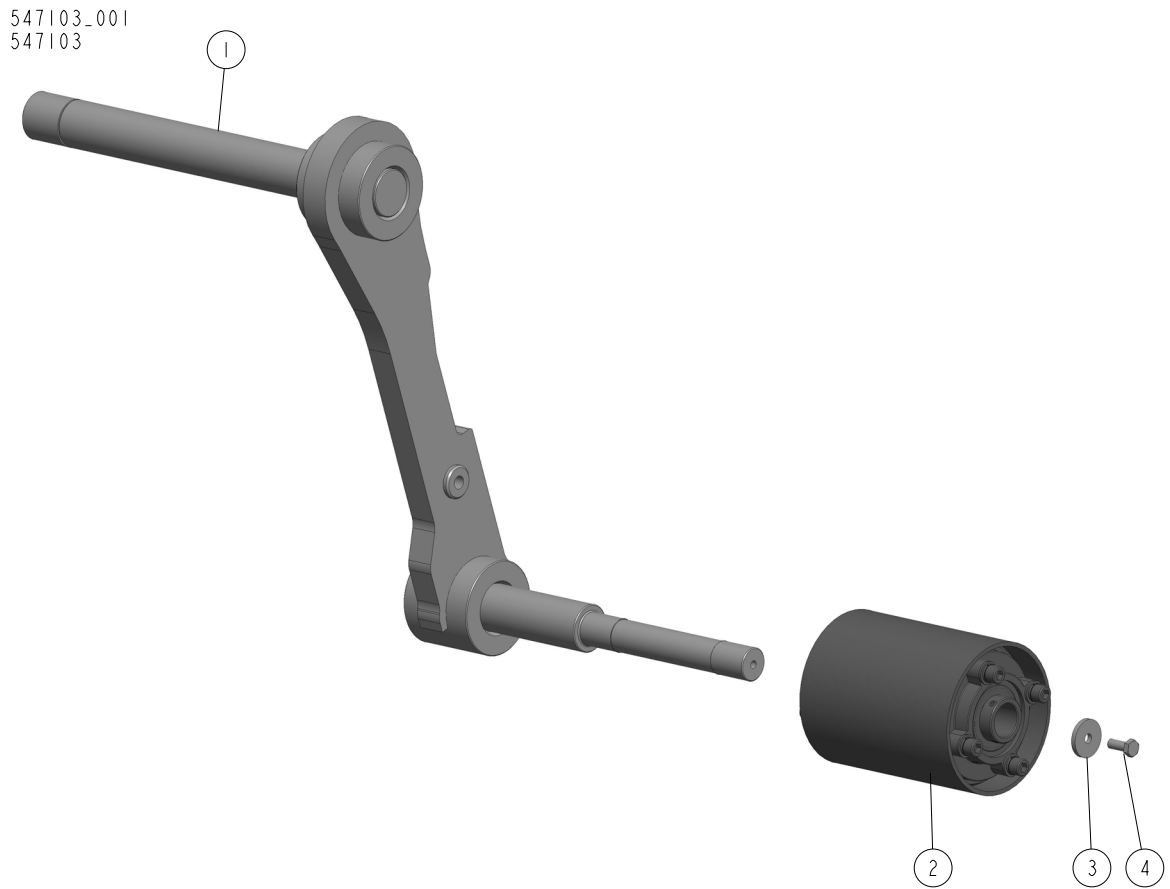
2.6 Sensor Bracket (533392)

533392_001
533392



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BRACKET SENSOR COMPLETE | 533392 | 1 |
| 1 | TUBE WELDMENT, SENSOR MOUNT ARM | 533030-1 | 1 |
| 2 | BRACKET, SENSOR MOUNT ARM | 533027-1 | 1 |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 6 |
| 4 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 6 |
| 5 | BOLT, M8 X 30-8.8 SOCKET HEAD | F81002-31 | 6 |
| 6 | PLATE SENSOR MOUNT | 533393-1 | 1 |
| 7 | SCREW, M5X20 8.8 HEX SOCKET HEAD CAP ZIN | F81000-72 | 2 |
| 8 | WASHER, 4.3 FLAT ZINC | F81051-2 | 4 |
| 9 | WASHER, 5.3 FLAT ZINC | F81052-1 | 2 |
| 10 | NUT, M5-8 DIN985 ZINC-PLATED | F81030-2 | 2 |
| 11 | SENSOR, BOD 23K-LI01-S4 BALLUFF PHOTOELE | 532596 | 1 |
| 12 | SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZIN | F81011-34 | 2 |
| 13 | NUT, M4-B HEX NYLON ZINC LOCK | F81029-1 | 2 |

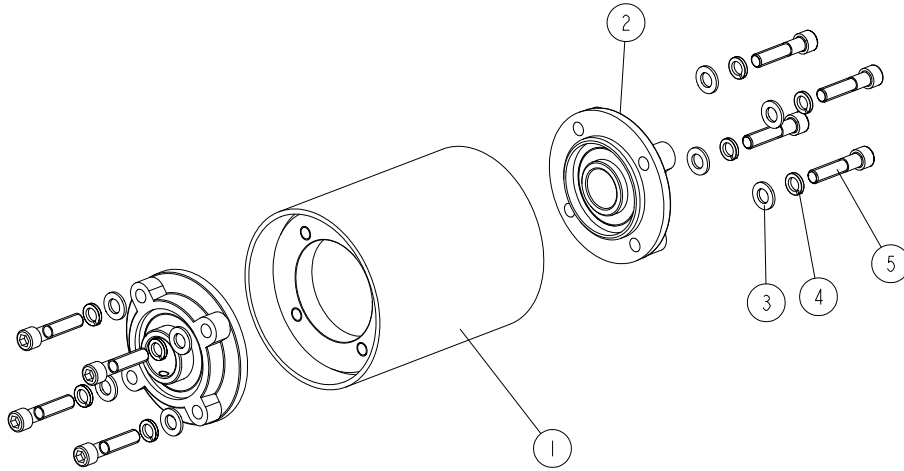
2.7 Hold-Down Arm (547103)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | ARM HOLD-DOWN | 547103 | 1 | |
| 1 | WISHBONE | 547104-1 | 1 | |
| 2 | ROLLER ASSEMBLY, HOLD-DOWN See Section 2.8 | 533041 | 1 | |
| 3 | WASHER 40X10.5-5 | 524024-1 | 1 | |
| 4 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 1 | |

2.8 Hold-Down Roller Assembly (533041)

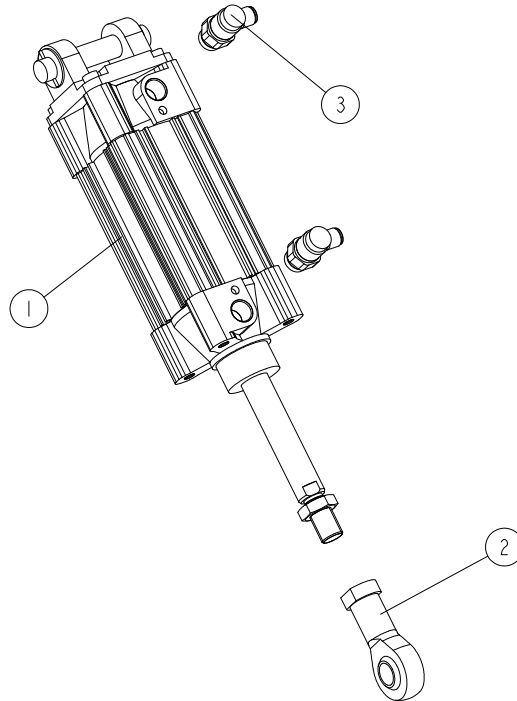
533041_001
533041_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | ROLLER ASSEMBLY, HOLD-DOWN | 533041 | 4 |
| 1 | ROLLER WELDMENT | 533040-1 | 1 |
| 2 | BEARING, UCFC 207 W/HOUSING | 533042 | 2 |
| 3 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 4 | WASHER, Z12.2 SPLIT LOCK ZINC | F81056-2 | 8 |
| 5 | SCREW, M12X55-8.8-B HEX SOCKET HEAD CAP ZINC | F81004-23 | 8 |

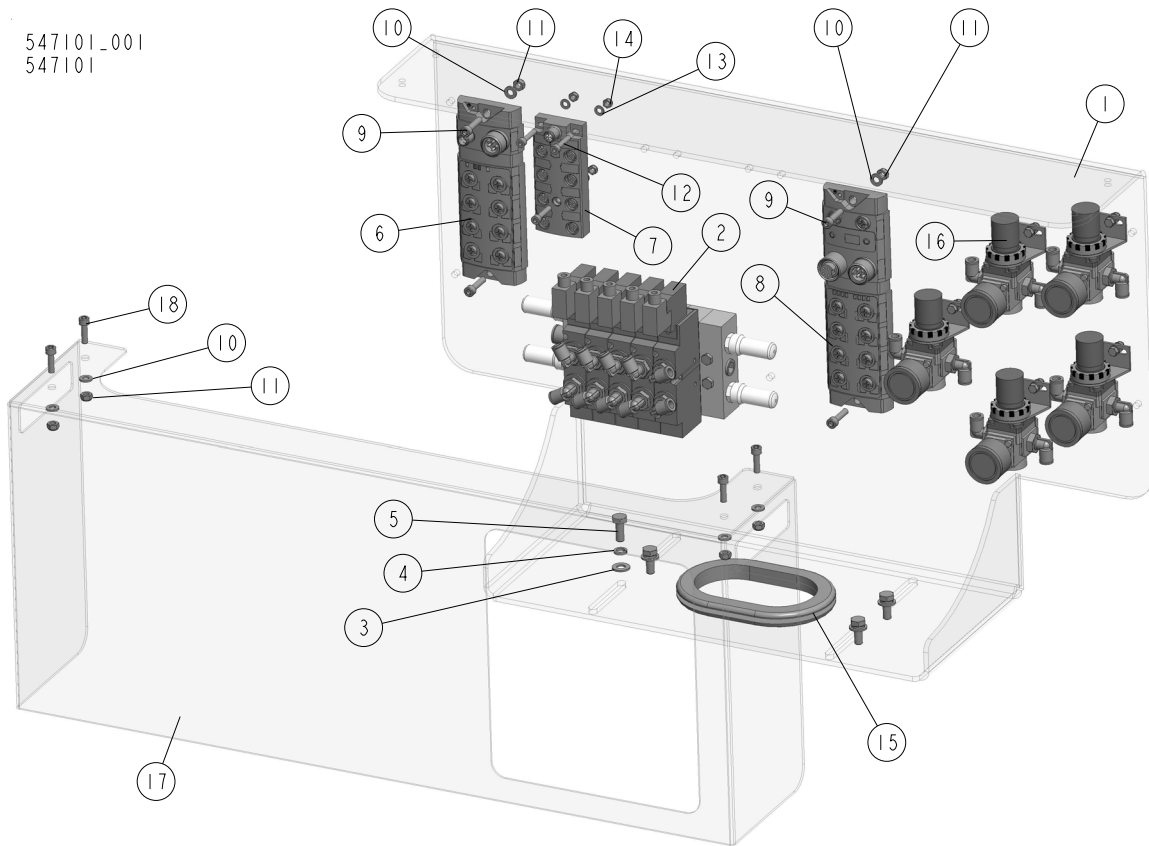
2.9 Hold-Down Arm Cylinder Assembly (533046)

533046_001
533046_MANUAL



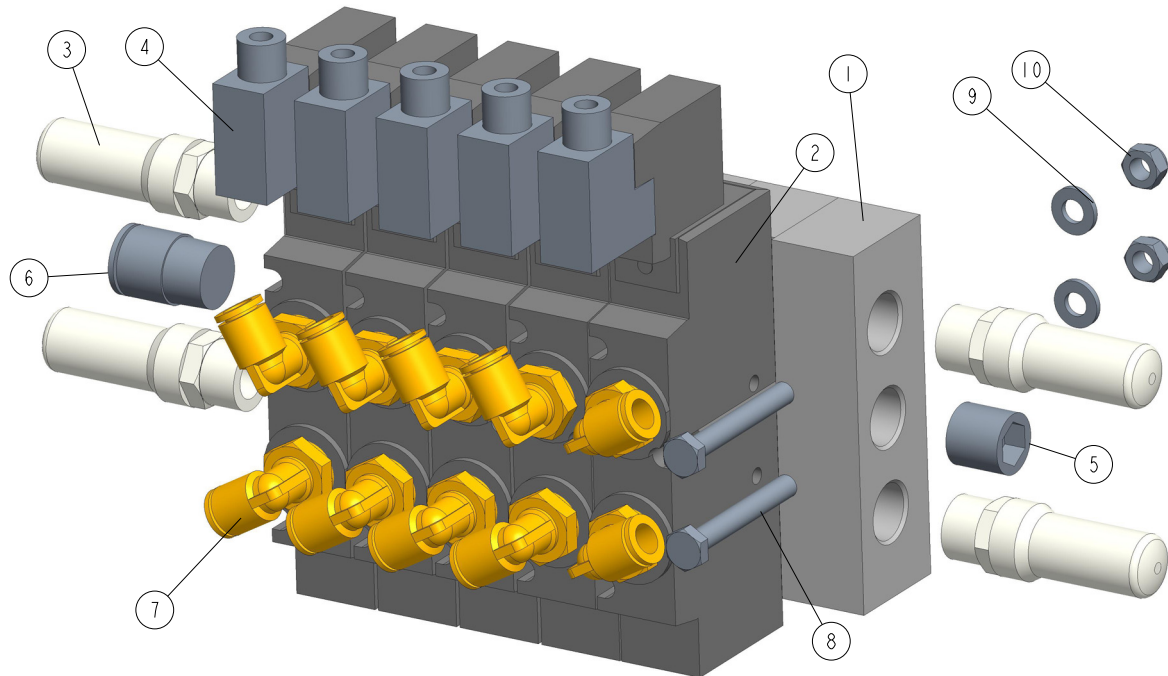
| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|--------|-----|--|
| - | CYLINDER ASSEMBLY, HOLD-DOWN ARM | 533046 | 4 | |
| 1 | CYLINDER, CP96S D63-80C AIR | 533045 | 1 | |
| 2 | EYE, KJ16D SPHERICAL ROD (SMC) | 528120 | 1 | |
| 3 | VALVE, AS3201F-03-08SA FLOW CONTROL | 533047 | 2 | |

2.10 Valve Block (547101)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BLOCK VALVE COMPLETE | 547101 | 1 |
| 1 | PLATE MOUNT | 547102-1 | 1 |
| 2 | BLOCK VALVE See Section 2.11 | 533356 | 1 |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 4 |
| 4 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 4 |
| 5 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 4 |
| 6 | VALVE, 16 IO IOLINK ACTIVE | 532586 | 1 |
| 7 | HUB, BALLUFF BNI0005 IO-LINK SENSOR/ACTU | 532587 | 1 |
| 8 | NETWORK BLOCK, BALLUFF BNI0050 | 532584 | 1 |
| 9 | SCREW, M6X25-8.8 HEX SOCKET HEAD CAP ZIN | F81001-41 | 4 |
| 10 | WASHER, 6.4 FLAT ZINC | F81053-1 | 8 |
| 11 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 8 |
| 12 | SCREW, M5X25 8.8 HEX SOCKET HEAD CAP ZIN | F81000-7 | 3 |
| 13 | WASHER, 5.3 FLAT ZINC | F81052-1 | 3 |
| 14 | NUT, M5-8 DIN985 ZINC-PLATED | F81030-2 | 3 |
| 15 | GROMMET, 72X122 RUBBER | 523667 | 1 |
| 16 | REGULATOR PRESSURE ASSEMBLY See Section 2.12 | 533357 | 5 |
| 17 | COVER | 533336-1 | 1 |
| 18 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 4 |

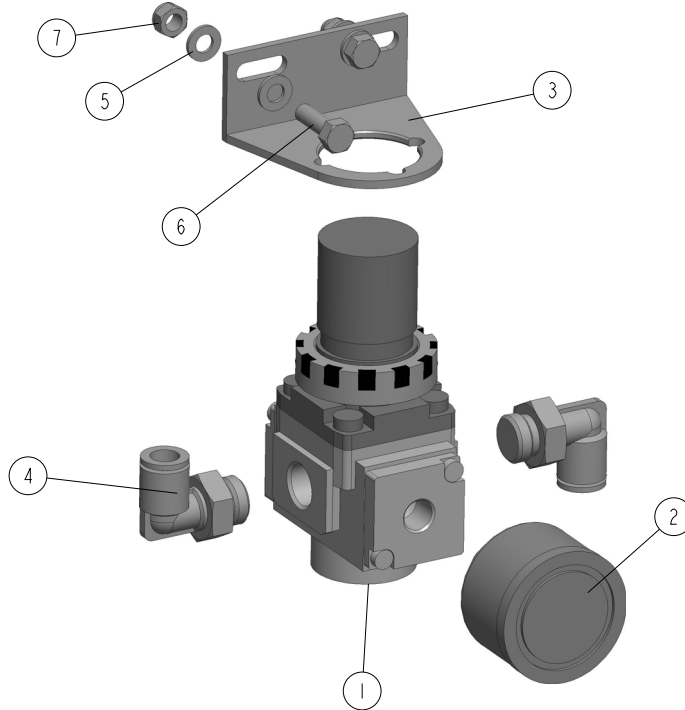
2.11 Valve Block (533356)

533356_001
533356

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | BLOCK VALVE | 533356 | 1 |
| 1 | MANIFOLD, SS5Y9-23-05-00F-Q /SMC/ | 533264 | 1 |
| 2 | VALVE, 5/2-3/8" SY9120-5YO-03F-Q SOLENO | 531836 | 5 |
| 3 | SILENCER, R3/8-AN30-03 | 515598 | 4 |
| 4 | CONNECTOR, DIN K43 /SMC/ | 533266 | 5 |
| 5 | PLUG, BS38A SMC HOLE | 533267 | 1 |
| 6 | FITTING, KQ2S12-03AS MALE | 533270 | 1 |
| 7 | FITTING, KQ2L08-03A /SMC/ MALE ELBOW | 533274 | 10 |
| 8 | BOLT, M6X45-8.8-HEX HEAD ZINC | F81001-6 | 4 |
| 9 | WASHER, 6.4 FLAT ZINC | F81053-1 | 4 |
| 10 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 4 |

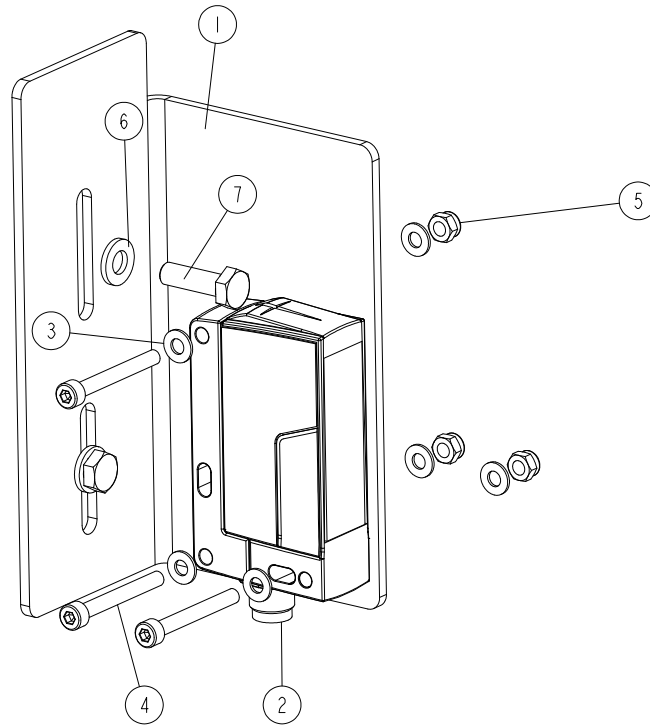
2.12 Pressure Regulator (533357)

533357_001
533357



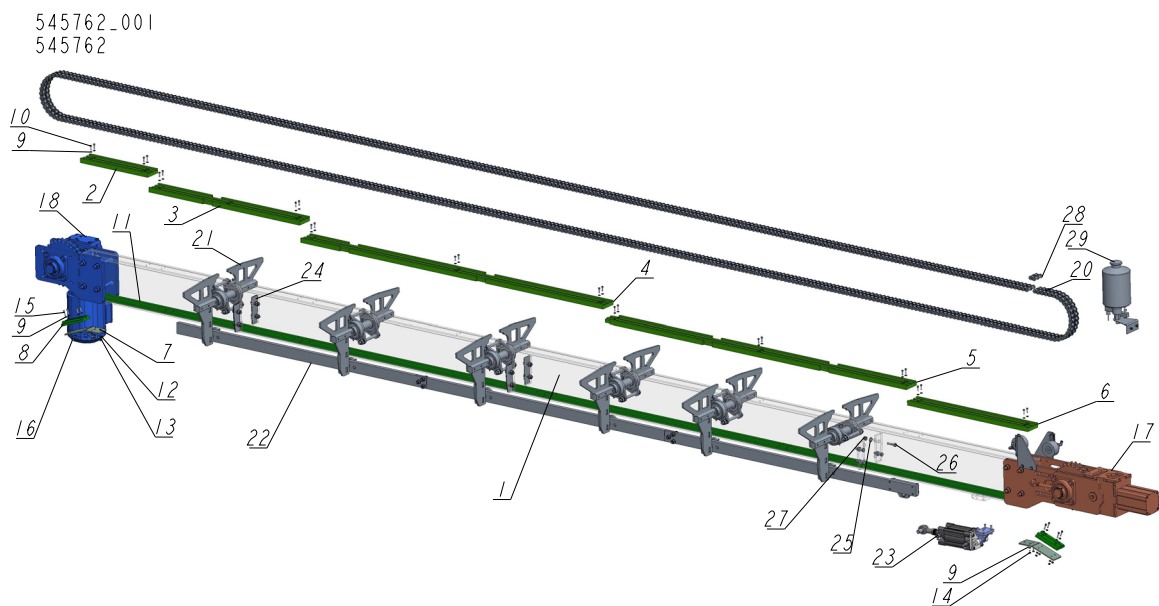
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | REGULATOR PRESSURE ASSEMBLY | 533357 | 1 |
| 1 | REGULATOR, AR20K-F02H-B /SMC/ PRESSURE | 533353 | 1 |
| 2 | GAUGE, G36-10-01-L PRESSURE | 531831 | 1 |
| 3 | BRACKET, AR23P-270AS /SMC/ ANGLE | 533352 | 1 |
| 4 | FITTING, KQ2L 08-G02A MALE ELBOW (SMC) | 532140 | 2 |
| 5 | WASHER, 5.3 FLAT ZINC | F81052-1 | 4 |
| 6 | BOLT, M5 X 16-8.8 HEX HEAD FULL THREAD Z | F81000-20 | 2 |
| 7 | NUT, M5-8 DIN985 ZINC-PLATED | F81030-2 | 2 |

2.13 Optical Sensor Assembly (533229)

533229_001
533229_MANUAL

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|-----------|-----|--|
| - | SENSOR ASSEMBLY, DIFFUSE W/BACKGROUND SUPPRESSION | 533229 | 6 | |
| 1 | BRACKET, OPTICAL SENSOR MOUNT | 533228-1 | 1 | |
| 2 | SENSOR, LEUZE HT46CI.E/4P-M12 DIFFUSE W/BACKGROUND SUPPRESSION | 530462 | 1 | |
| 3 | WASHER, 4.3 FLAT ZINC | F81051-2 | 6 | |
| 4 | SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC | F81011-34 | 3 | |
| 5 | NUT, M4-8 HEX NYLON ZINC LOCK | F81029-1 | 3 | |
| 6 | WASHER, 6.4 FLAT ZINC | F81053-1 | 2 | |
| 7 | BOLT, M6X20 8.8 HEX HEAD FULL THREAD ZINC | F81001-2 | 2 | |

2.14 Transport (545762)

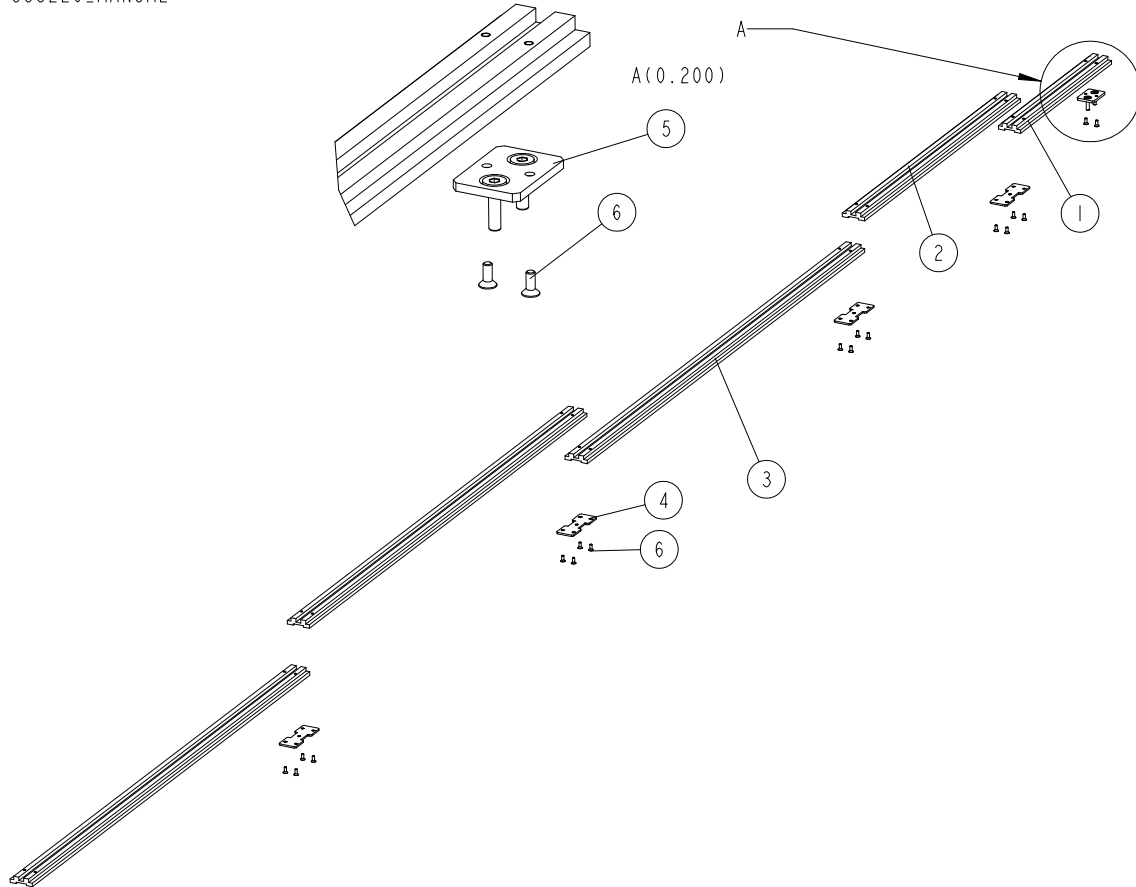


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | TRANSPORT COMPLETE | 545762 | 1 |
| 1 | BEAM TRANSPORT | 545764-1 | 1 |
| 2 | WEARSTRIP, 16A-1 (1"X5/8") CHAIN (1) | 533212 | 1 |
| 3 | GUIDE 2 CHAIN 16A-1 (1"X5/8") | 545806 | 1 |
| 4 | GUIDE 3 CHAIN 16A-1 (1"X5/8") | 545805 | 1 |
| 5 | GUIDE 4 CHAIN 16A-1 (1"X5/8") | 545804 | 1 |
| 6 | GUIDE 5 CHAIN 16A-1 (1"X5/8") | 545803 | 1 |
| 7 | PLATE | 532726-1 | 2 |
| 8 | WEARSTRIP, 16A-1 (1"X5/8") CHAIN (6) | 533217 | 2 |
| 9 | WASHER, 6.4 FLAT ZINC | F81053-1 | 46 |
| 10 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 26 |
| 11 | WEARSTRIP, ANSI CHAIN RETURN - COMPLETE See Section 2.15 | 533220 | 1 |
| 12 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 13 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 2 |
| 14 | BOLT, M6X12-8.8 HEX HEAD FULL THREAD ZIN | F81001-7 | 4 |
| 15 | SCREW, M6X25-8.8 HEX SOCKET HEAD CAP ZIN | F81001-41 | 8 |
| 16 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 8 |
| 17 | HEAD RETURN COMPLETE See Section 2.16 | 545810 | 1 |
| 18 | HEAD, ANSI FEED - COMPLETE See Section 2.17 | 533211 | 1 |
| - | TSUBAKI: SHARP TOP CHAIN 80-2-ST-ALL-4P L=13818 MM | 533224 | 1 |
| 19 | TSUBAKI: SHARP TOP CHAIN 80-2-ST-ALL-4P | 533224 | 1 |
| 20 | LINK 16B2 | 515864 | 544 |
| 21 | FLIPER COMPLETE See Section 2.18 | 545770 | 6 |
| 22 | STRIP FLIPER COMPLETE. See Section 2.19 | 545781 | 1 |
| 23 | CYLINDER COMPLETE See Section 2.23 | 545793 | 1 |
| 24 | DISTANCE PACKAGE 5 MM | 545802 | 4 |
| 25 | WASHER, 13 FLAT ZINC | F81056-1 | 12 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 26 | BOLT, M12X45-8.8 HEX HEAD ZINC | F81004-32 | 12 | |
| 27 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 12 | |
| 28 | LINK, 80-2-ST-ALL-4P MASTER | 533175 | 1 | |
| 29 | LUBRICATION CHAIN SET See Section 2.24 | 547124 | 1 | |

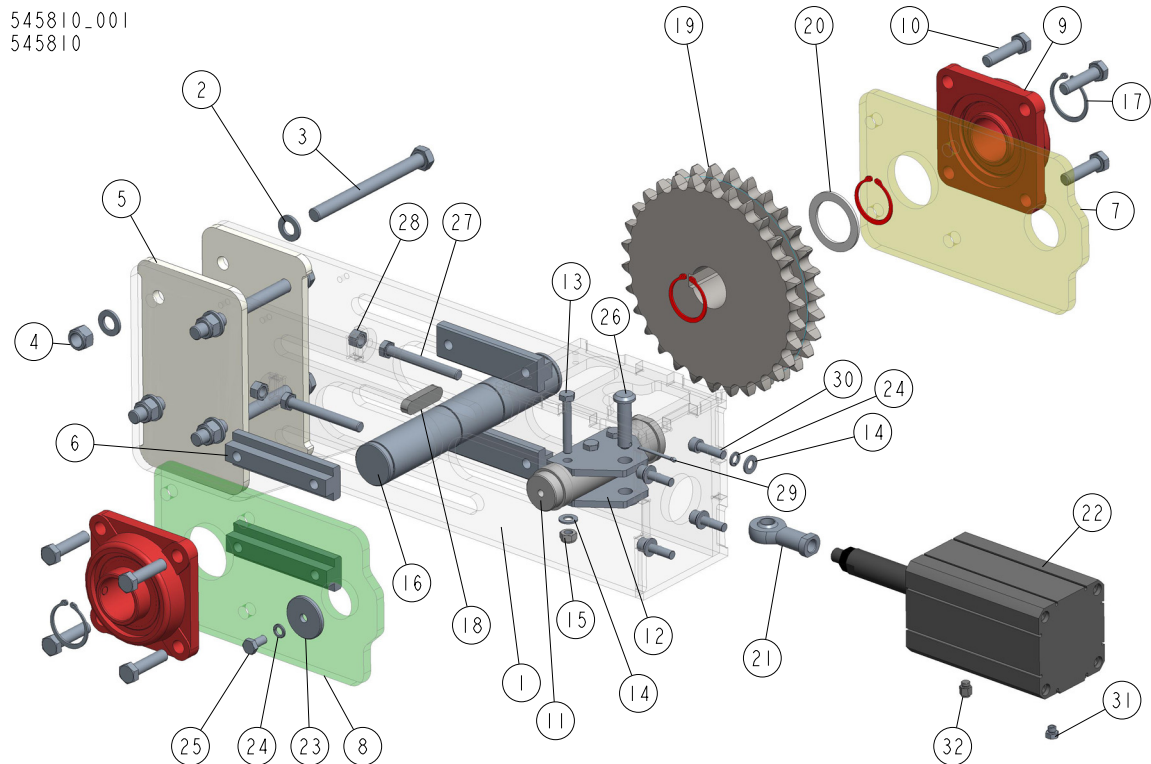
2.15 Chain Return Wearstrip (533220)

533220_001
533220_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | WEARSTRIP, ANSI CHAIN RETURN - COMPLETE | 533220 | 1 |
| 1 | WEARSTRIP, ANSI CHAIN RETURN (7) | 533221 | 1 |
| 2 | WEARSTRIP, ANSI CHAIN RETURN (8) | 533222 | 1 |
| 3 | WEARSTRIP, ANSI CHAIN RETURN (9) | 533223 | 3 |
| 4 | PLATE, JOINING | 532732-1 | 4 |
| 5 | PLATE WELDMENT, WEARSTRIP MOUNT - COMPLETE | 532735-1 | 1 |
| 6 | SCREW, M6X16-10.9 DIN7991 FLAT SOCKET HEAD CAP ZINC | F81001-55 | 18 |

2.16 Return Head (545810)

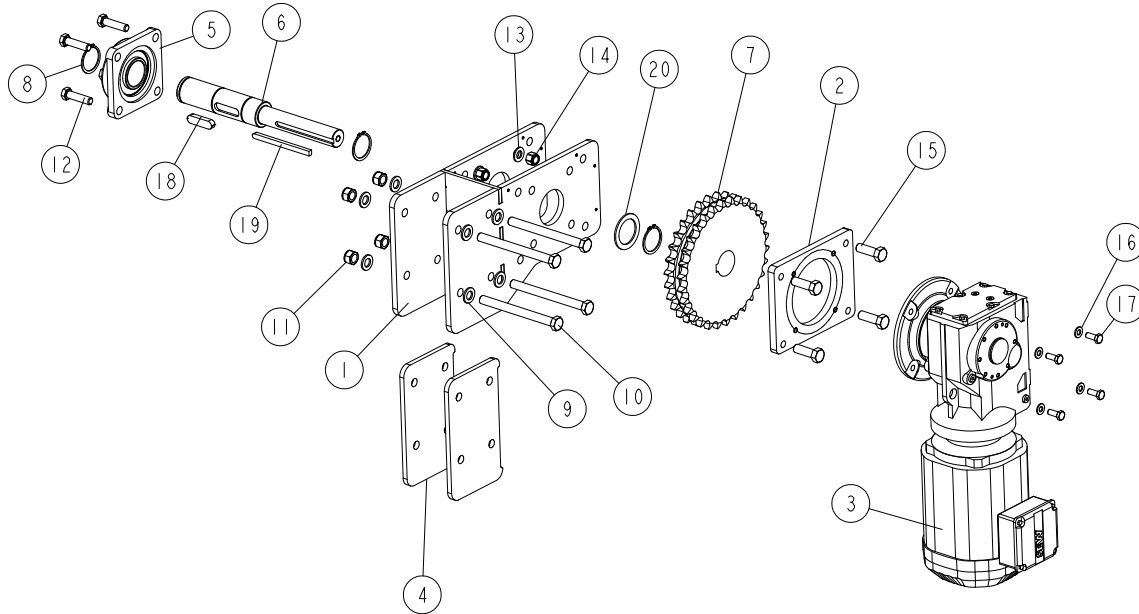


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | HEAD RETURN COMPLETE | 545810 | 1 |
| 1 | HEAD RETURN | 545811-1 | 1 |
| 2 | WASHER, 17 FLAT ZINC | F81058-1 | 9 |
| 3 | BOLT, ISO 4017-M16X180-8.8-A2E HEX HEAD | F81006-31 | 4 |
| 4 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 4 |
| 5 | PLATE | 532696-1 | 2 |
| 6 | PLATE MOUNT | 545820-1 | 4 |
| 7 | PLATE SIDE | 545818-1 | 1 |
| 8 | PLATE SIDE | 545826-1 | 1 |
| 9 | BEARING UNIT, UCF 210 FAG/SKF/NSK/INA | 523104 | 2 |
| 10 | BOLT, M14X55-8.8 HEX HEAD FULL THREAD ZI | F81005-2 | 8 |
| 11 | ROD TENSIONER | 545822-1 | 1 |
| 12 | BALL JOINT | 545824-1 | 2 |
| 13 | BOLT, M10X65-8.8-B HEX HEAD ZINC | F81003-67 | 3 |
| 14 | WASHER, 10.5 FLAT ZINC | F81055-1 | 7 |
| 15 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 3 |
| 16 | SHAFT | 545816 | 1 |
| 17 | RING, Z50 OUTSIDE RETAINING | F81090-28 | 4 |
| 18 | KEY, A16X10X60 PARALLEL | 099238 | 1 |
| 19 | SPROCKET, ANSI MARTIN D80 B30 UPC 697950 | 533210 | 1 |
| 20 | WASHER, SPROCKET SPACER | 533230-1 | 1 |
| 21 | EYE, KJ16D SPHERICAL ROD | 512296 | 1 |
| 22 | ACTUATOR TENSION | 545825 | 1 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 23 | WASHER, 50X10.5-5 | 524023-1 | 1 | |
| 24 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 5 | |
| 25 | BOLT, ISO 4017-M10X20-8.8-A2E HEX HEAD F | F81003-53 | 1 | |
| 26 | PIN, 16X65/53-A4 | 532408-1 | 1 | |
| 27 | BOLT, M12X100 8.8 HEX HEAD FULL THREAD Z | F81004-45 | 2 | |
| 28 | NUT, M12-8-B HEX ZINC | F81034-1 | 2 | |
| 29 | PIN, 4X30 COTTER ZINC-PLATED | F81043-22 | 1 | |
| 30 | SCREW, M10X35 SOCKET HEAD ZINC | F81003-56 | 4 | |
| 31 | SILENCER, G1/8 AIR BRASS | 502705 | 1 | |
| 32 | FITTING, G1/8" (KQ2H06-G01A) STRAIGHT MA | 535297 | 1 | |

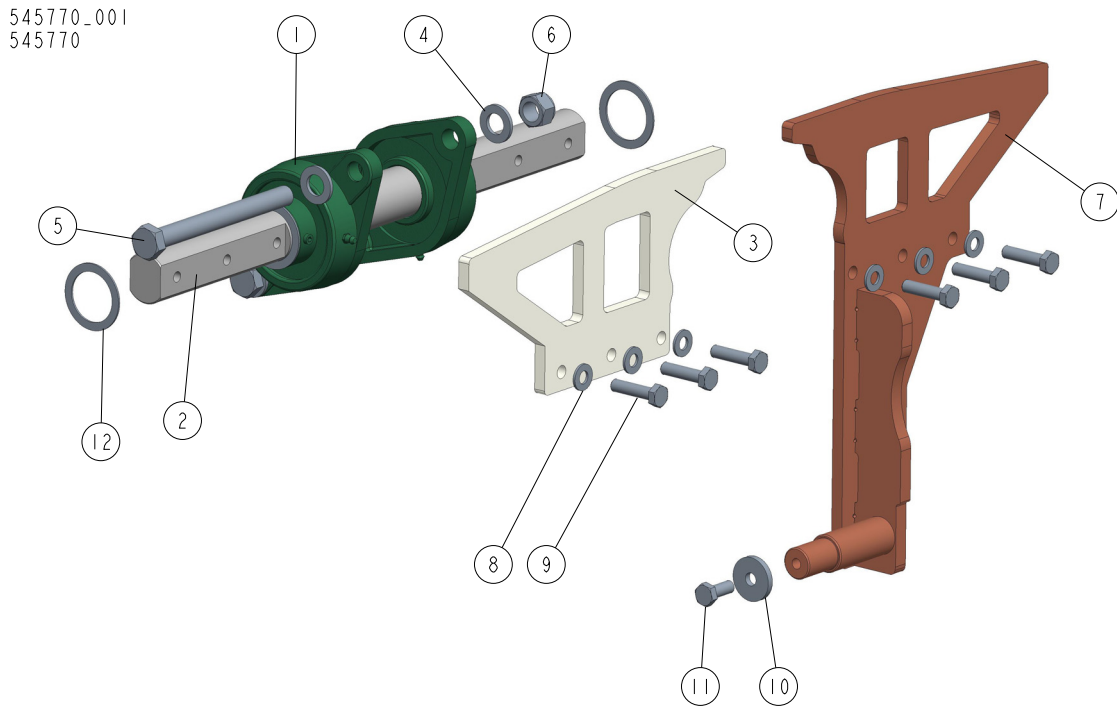
2.17 Feed Head (533211)

533211_001
533211_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | HEAD, ANSI FEED - COMPLETE | 533211 | 1 |
| 1 | HEAD WELDMENT, FEED | 532710-1 | 1 |
| 2 | PLATE, GEARBOX ADAPTER | 532714-1 | 1 |
| 3 | MOTOREDUCER, KAF47 DRN100L4 I=6.58 N2=267 R.P.M. 3.7 KW M1A | 716713 | 1 |
| 4 | PLATE (1) | 532696-1 | 2 |
| 5 | BEARING, UCF 210 W/HOUSING | 523104 | 1 |
| 6 | SHAFT, DRIVE | 532716 | 1 |
| 7 | SPROCKET, ANSI MARTIN D80 B30 UPC 697950022079 | 533210 | 1 |
| 8 | RING, Z50 OUTSIDE RETAINING | F81090-28 | 3 |
| 9 | WASHER, 17 SPLIT LOCK ZINC | F81058-1 | 12 |
| 10 | BOLT, ISO 4017-M16X180-8.8-A2E HEX HEAD FULL THREAD | F81006-31 | 4 |
| 11 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 8 |
| 12 | BOLT, M14X55-8.8 HEX HEAD FULL THREAD ZINC | F81005-2 | 4 |
| 13 | WASHER, 15 FLAT ZINC | F81057-2 | 4 |
| 14 | NUT, M14 HEX NYLON ZINC LOCK | F81035-2 | 4 |
| 15 | BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC | F81006-7 | 4 |
| 16 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 17 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC | F81003-31 | 4 |
| 18 | KEY, A16X10X60 PARALLEL | 099238 | 1 |
| 19 | KEY, AB 10X8X140 PARALLEL | 532717 | 1 |
| 20 | WASHER, SPROCKET SPACER | 533230-1 | 1 |

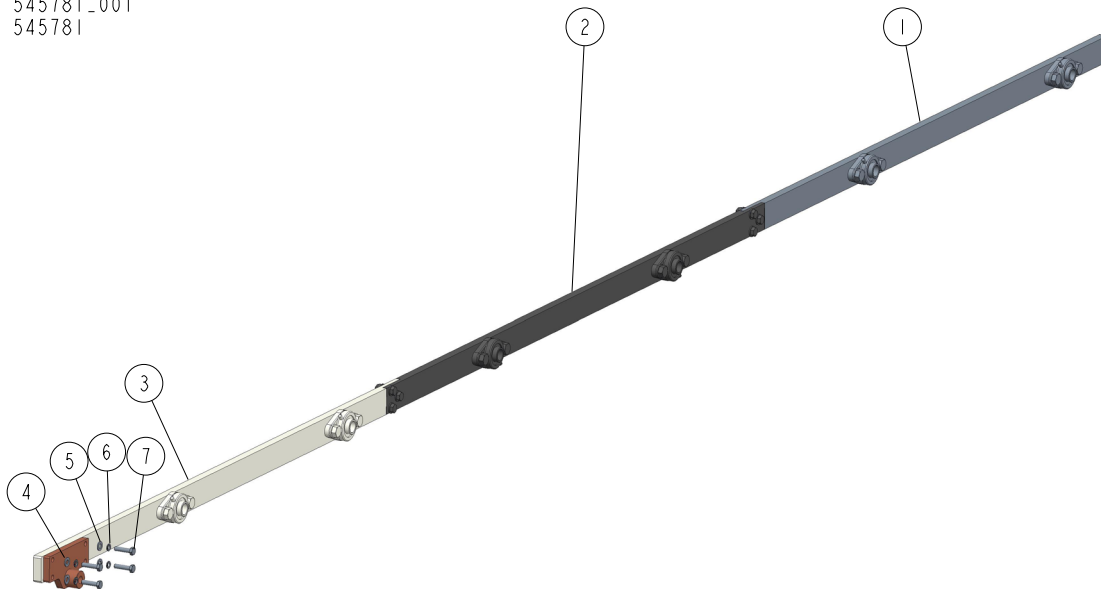
2.18 Fliper (545770)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | FLIPER COMPLETE | 545770 | 1 |
| 1 | BEARING UNIT, UCFL208 | 099423 | 2 |
| 2 | SHAFT | 545766-1 | 1 |
| 3 | PLATE RIGHT | 545768-1 | 1 |
| 4 | WASHER, 17 FLAT ZINC | F81058-1 | 4 |
| 5 | BOLT, M16X160 -8.8 HEX HEAD ZINC | F81006-20 | 2 |
| 6 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 2 |
| 7 | ARM FLIPPER | 545774-1 | 1 |
| 8 | WASHER, 10.5 FLAT ZINC | F81055-1 | 6 |
| 9 | BOLT, M10 X 40-8.8 HEX HEAD FULL THREAD | F81003-16 | 6 |
| 10 | WASHER, 35X10.5-5 | 525395-1 | 1 |
| 11 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 1 |
| 12 | WASHER ADJUSTMENT | 545807-1 | 4 |

2.19 Fliper Strip (545781)

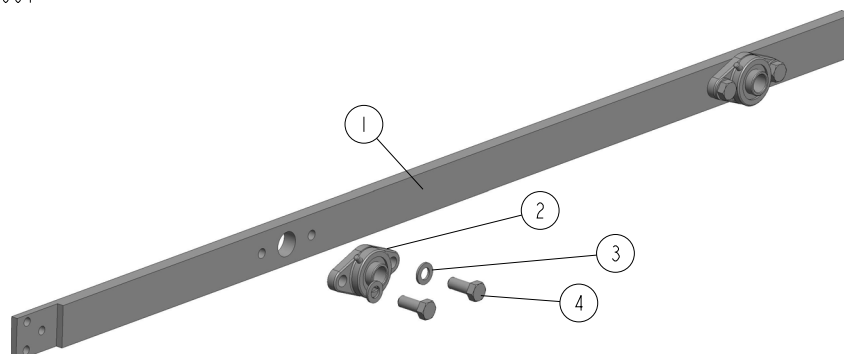
545781_001
545781



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | STRIP FLIPER COMPLETE. | 545781 | 1 |
| 1 | STRIP FLIPER 1 COMPLETE. See Section 2.20 | 545778 | 1 |
| 2 | STRIP FLIPER 2 COMPLETE. See Section 2.21 | 545779 | 1 |
| 3 | STRIP FLIPER 3 COMPLETE. See Section 2.22 | 545780 | 1 |
| 4 | ATTACHMENT DRIVE FLIPER | 545797-1 | 1 |
| 5 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 |
| 7 | BOLT, M10 X 40-8.8 HEX HEAD FULL THREAD | F81003-16 | 4 |

2.20 Fliper Strip (545778)

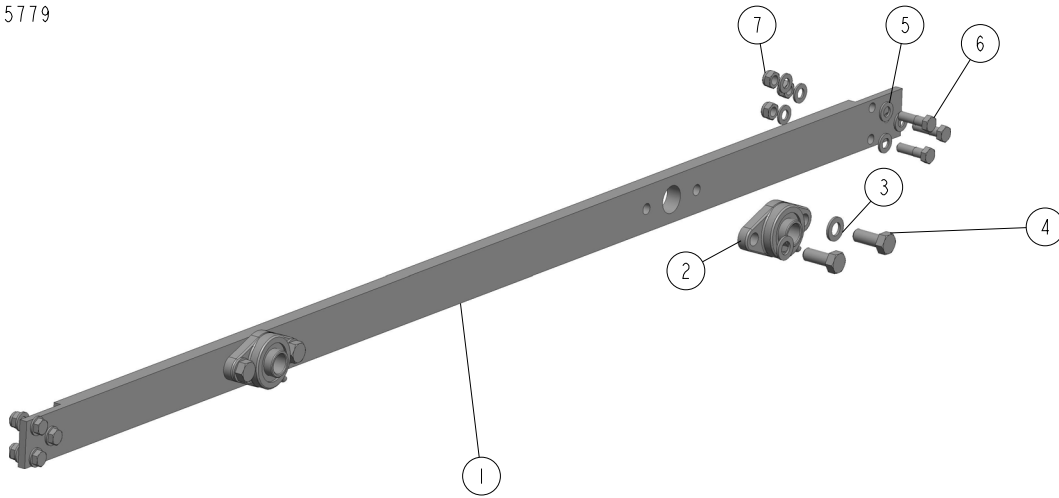
545778_001
545778



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | STRIP FLIPER 1 COMPLETE | 545778 | 1 | |
| 1 | STRIP FLIPER 1 | 545775-1 | 1 | |
| 2 | BEARING, UCFL 205 | 089124 | 2 | |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 4 | |
| 4 | BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZI | F81006-13 | 4 | |

2.21 Fliper Strip (545779)

545779_001
545779

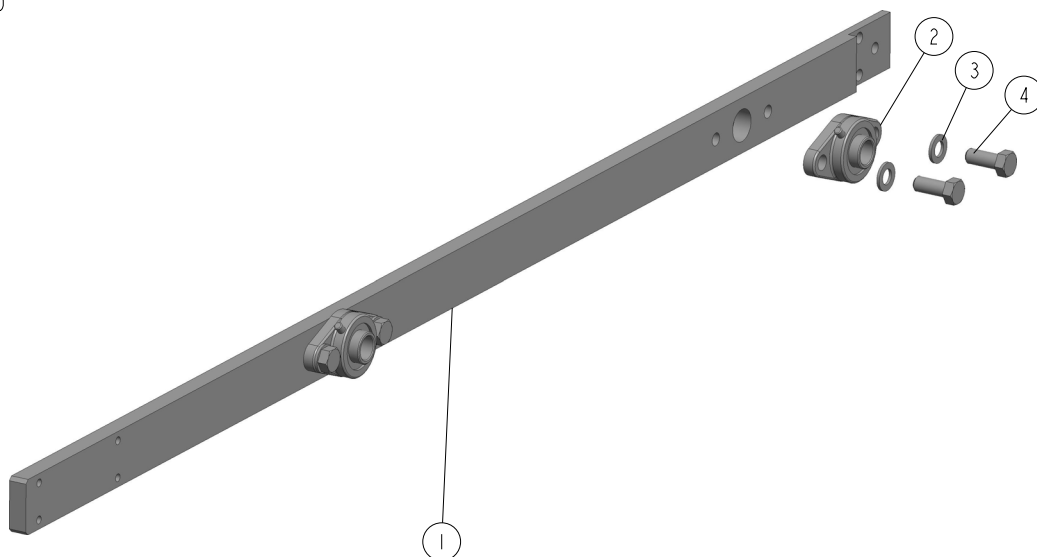


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | STRIP FLIPER 2 COMPLETE | 545779 | 1 | |
| 1 | STRIP FLIPER 2 | 545776-1 | 1 | |
| 2 | BEARING, UCFL 205 | 089124 | 2 | |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 4 | |
| 4 | BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZI | F81006-13 | 4 | |
| 5 | WASHER, 13 FLAT ZINC | F81056-1 | 12 | |
| 6 | BOLT, M12X40-8.8 HEX HEAD | F81004-1 | 6 | |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 6 | |

2 Fliper Strip (545780)

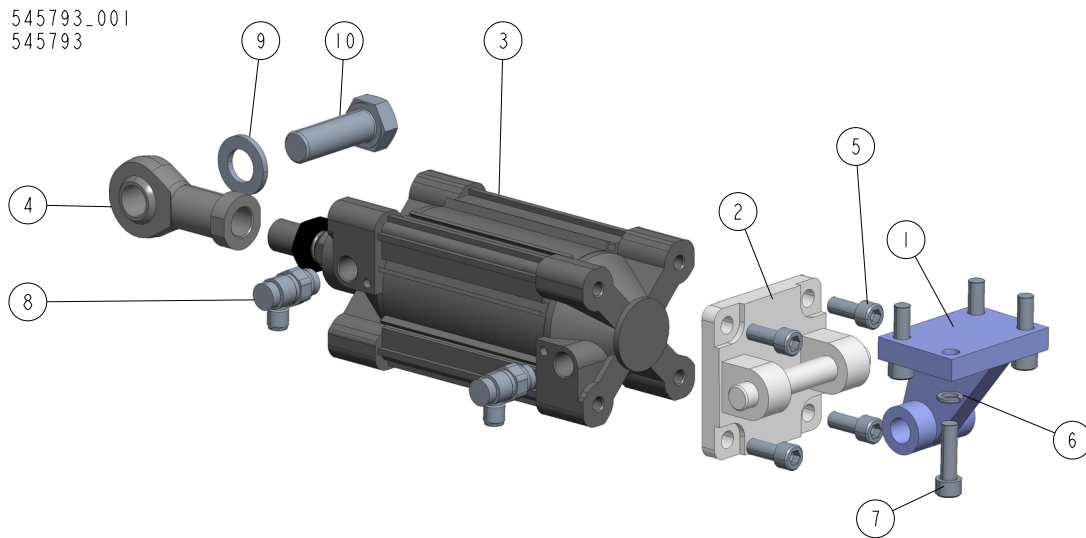
2.22 Fliper Strip (545780)

545780_001
545780



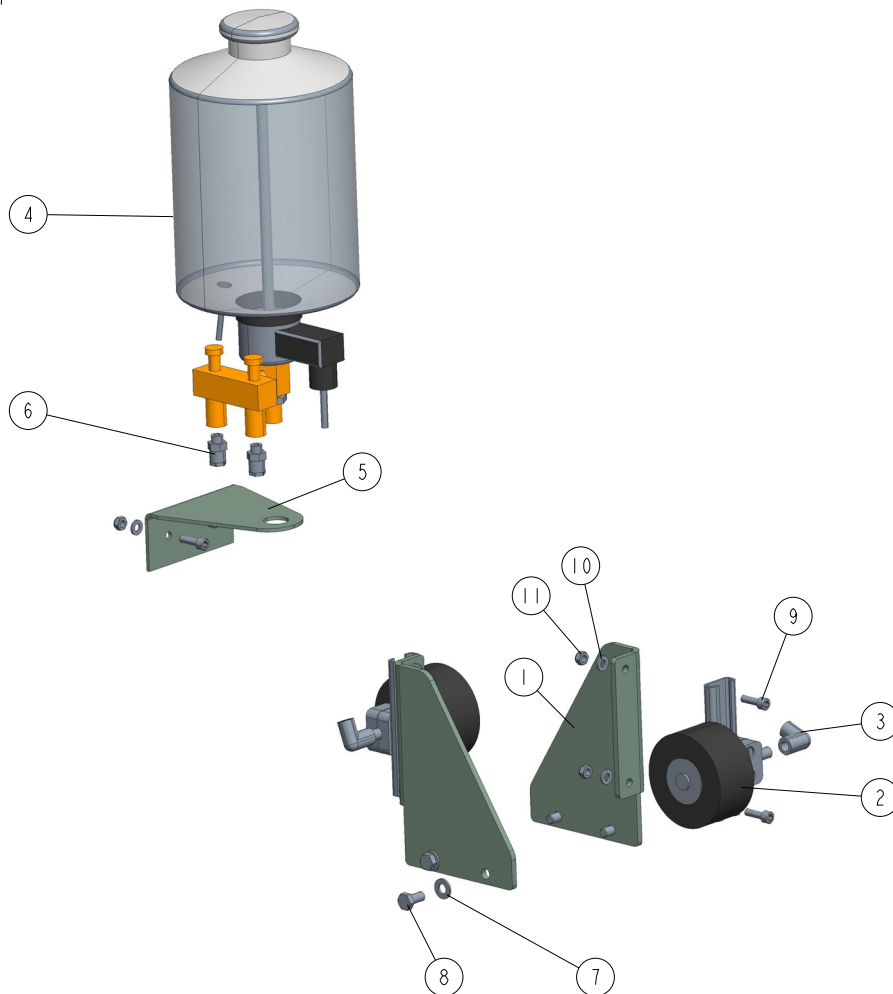
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | STRIP FLIPER 3 COMPLETE | 545780 | 1 |
| 1 | STRIP FLIPER 3 | 545777-1 | 1 |
| 2 | BEARING, UCFL 205 | 089124 | 2 |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 4 |
| 4 | BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZI | F81006-13 | 4 |

2.23 Cylinder (545793)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CYLINDER COMPLETE | 545793 | 1 |
| 1 | COUNTER PIVOT, E5080(F) SMC | 534321 | 1 |
| 2 | CLEVIS, D5080(F) DOUBLE (SMC) | 511062 | 1 |
| 3 | CYLINDER SMC CP96SDB80-80C | 545789 | 1 |
| 4 | EYE, KJ20D SPHERICAL ROD | 528092 | 1 |
| 5 | SCREW, M10X25 8.8 HEX SOCKET HEAD CAP ZI | F81003-32 | 4 |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 |
| 7 | SCREW, M10X35 SOCKET HEAD ZINC | F81003-56 | 4 |
| 8 | VALVE, AS3201F-03-08SA FLOW CONTROL | 533047 | 2 |
| 9 | WASHER, 21 FLAT ZINC | F81059-2 | 1 |
| 10 | BOLT, M20X60-8.8 HEX HEAD ZINC | F81007-7 | 1 |

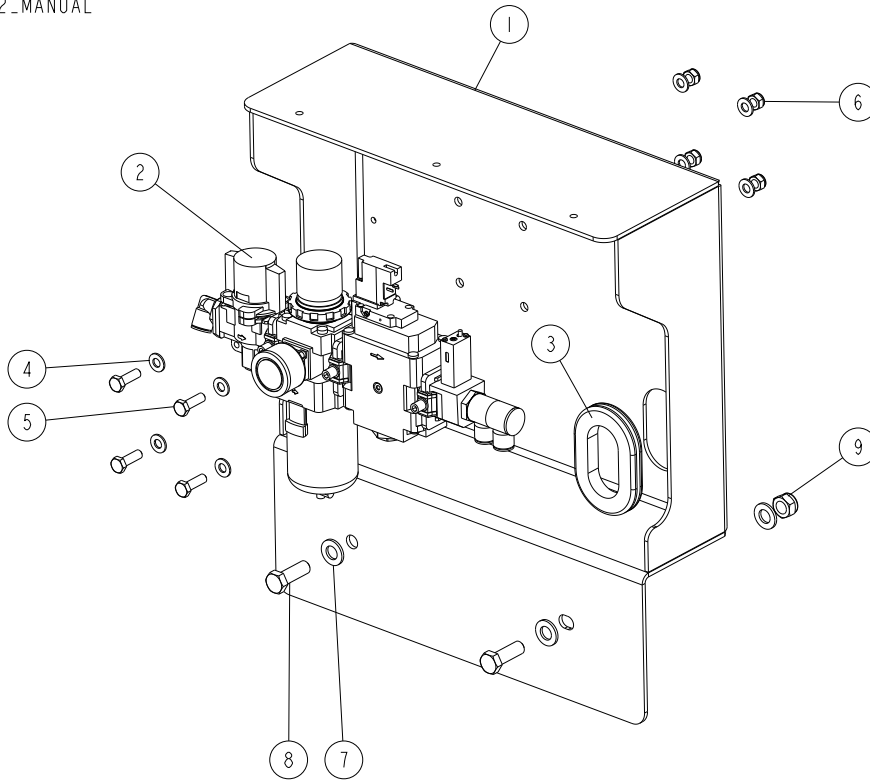
2.24 Chain Lubrication Set (547124)

547124_001
547124

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | LUBRICATION CHAIN SET | 547124 | 1 |
| 1 | BRACKET | 547125-1 | 2 |
| 2 | BRUSH ROTARY RSM-B 80/40 | 547119 | 2 |
| 3 | FITTING | 547122 | 2 |
| 4 | TANK OIL W/DISPENSER | 547123 | 1 |
| 5 | PLATE MOUNT | 547120 | 1 |
| 6 | FITTING | 547121 | 2 |
| 7 | WASHER, 8.4 FLAT ZINC | F81054-1 | 4 |
| 8 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 4 |
| 9 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 6 |
| 10 | WASHER, 6.4 FLAT ZINC | F81053-1 | 6 |
| 11 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 6 |

2.25 Air Supply Assembly (533382)

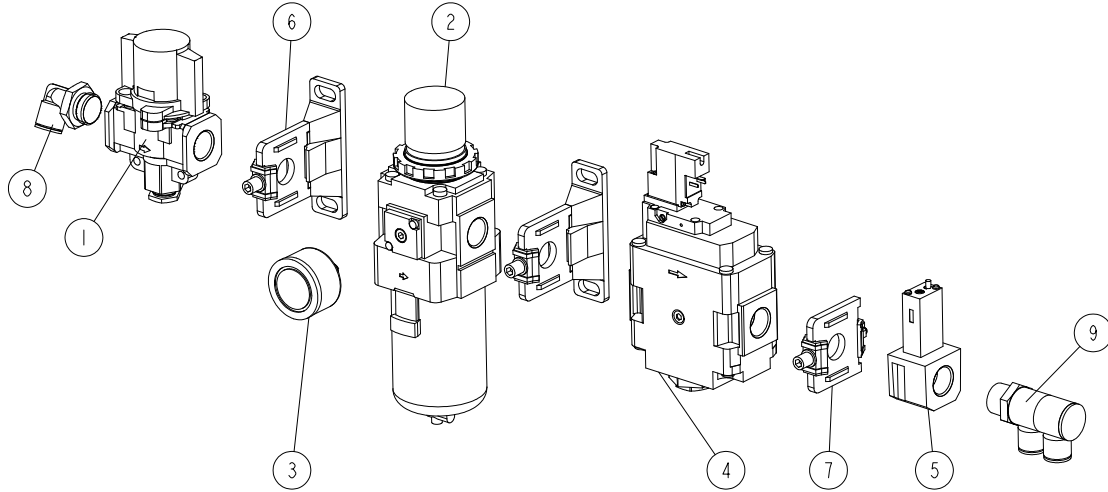
533382_001
533382_MANUAL



| Ref. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | AIR SUPPLY ASSEMBLY W/MOUNT PLATE | 533382 | 1 |
| 1 | PLATE, AIR SUPPLY MOUNT | 533383-1 | 1 |
| 2 | AIR SUPPLY ASSEMBLY See Section 2.26 | 533287 | 1 |
| 3 | GROMMET, RUBBER | 089532 | 1 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 5 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC | F81002-5 | 4 |
| 6 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 4 |
| 7 | WASHER, 13 FLAT ZINC | F81056-1 | 4 |
| 8 | BOLT, M12X35 8.8 HEX HEAD FULL THREAD ZINC | F81004-24 | 2 |
| 9 | NUT, M12- 8 DIN 982 NYLON ZINC | F81034-2 | 2 |

2.26 Air Supply Assembly (533287)

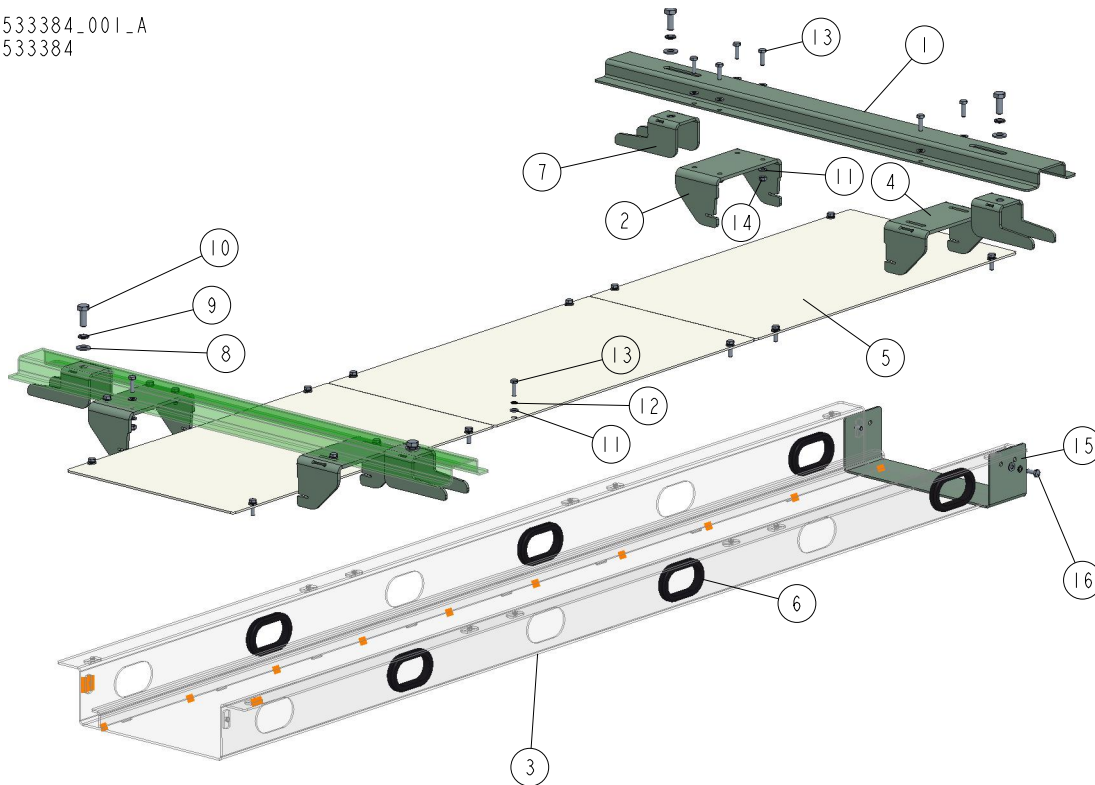
533287_001
533287_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|--------|-----|
| - | AIR SUPPLY ASSEMBLY | 533287 | 1 |
| 1 | VALVE, 3/2 VHS40-F04B-S HAND RELIEF | 533280 | 1 |
| 2 | REGULATOR, AW40-F04H-B FILTER (SMC) | 533281 | 1 |
| 3 | GAUGE, R1/8" G46-10-01-L PRESSURE (SMC) | 533282 | 1 |
| 4 | VALVE, AV4000-F04S-5YOB-A SOFT START (SMC) | 533283 | 1 |
| 5 | SWITCH, IS10E-40F04-6L-A PRESSURE (SMC) | 533286 | 1 |
| 6 | SPACER, Y400T-A W/BACKET (SMC) | 533284 | 2 |
| 7 | SPACER, Y400-A | 533285 | 1 |
| 8 | FITTING, 1/2" FI=12 KQ2L12-G04A MALE ELBOW (SMC) | 533288 | 1 |
| 9 | FITTING, 1/2" FI=12 KQ2VD12-04A DOUBLE MALE | 533289 | 1 |

2.27 Cable Channel (533384)

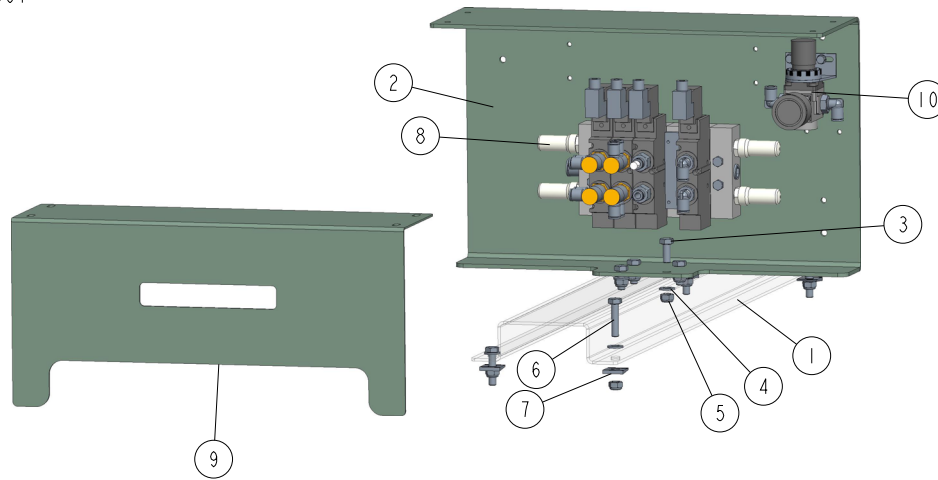
533384_001_A
533384



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CHANNEL CABLE COMPLETE | 533384 | 1 | |
| 1 | BEAM MOUNT | 533385-1 | 2 | |
| 2 | BRACKET, FIXED HANGER | 533301-1 | 2 | |
| 3 | CHANNEL | 533386-1 | 1 | |
| 4 | BRACKET, MOVABLE HANGER | 533302-1 | 2 | |
| 5 | COVER | 533388-1 | 3 | |
| 6 | GROMMET, FM54 RUBBER | 087065 | 6 | |
| 7 | BRACKET WELDMENT, CLAMPING | 533307-1 | 4 | |
| 8 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 | |
| 9 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 | |
| 10 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 4 | |
| 11 | WASHER, 6.4 FLAT ZINC | F81053-1 | 38 | |
| 12 | WASHER, Z 6.1 SPLIT LOCK | F81053-3 | 14 | |
| 13 | BOLT, M6X20-8.8 HEX HEAD FULL THREAD ZIN | F81001-2 | 24 | |
| 14 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 12 | |
| 15 | LINK | 533389-1 | 1 | |
| 16 | BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZIN | F81001-32 | 2 | |

2.28 Valve Control Panel (545829)

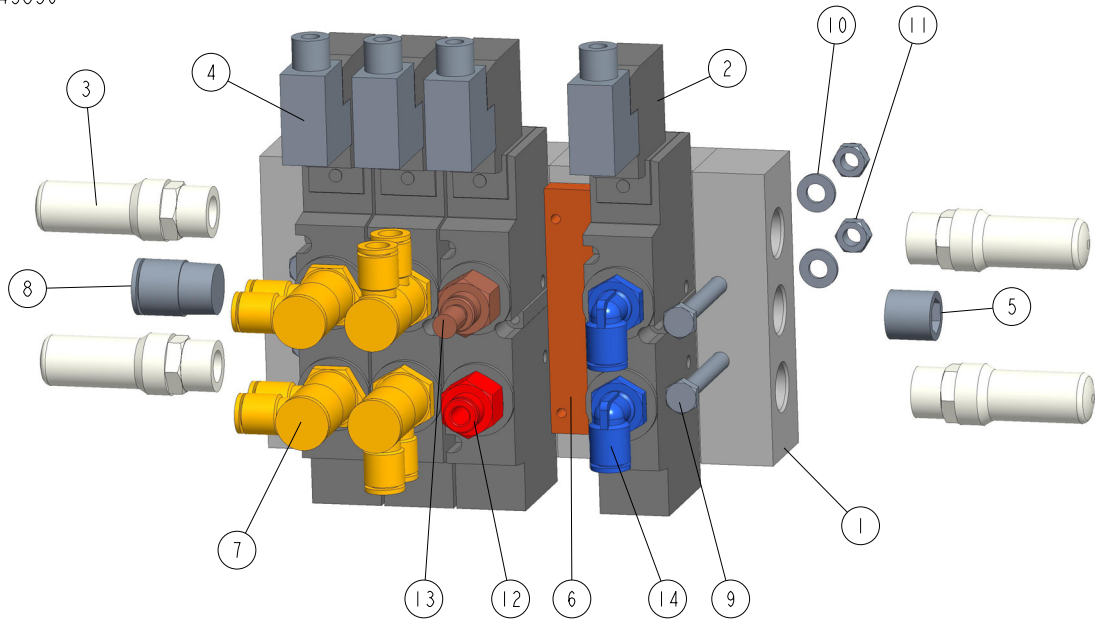
545829_001
545829



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | PANEL CONTROL VALVE 4 COMPLETE | 545829 | 1 |
| - | BRACKET LOWER PNEUMATICS | 533348 | 1 |
| 1 | BEAM | 533346-1 | 1 |
| 2 | BRACKET LOWER | 533347-1 | 1 |
| 3 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 4 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 5 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 8 |
| 6 | BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZIN | F81002-13 | 4 |
| 7 | WASHER, 9.5 SQUARE TAPER ZINC | F81055-17 | 4 |
| 8 | BLOCK VALVE See Section 2.29 | 545830 | 1 |
| 9 | COVER | 540349-1 | 1 |
| 10 | REGULATOR PRESSURE ASSEMBLY See Section 2.12 | 533357 | 1 |

2.29 Valve Block (545830)

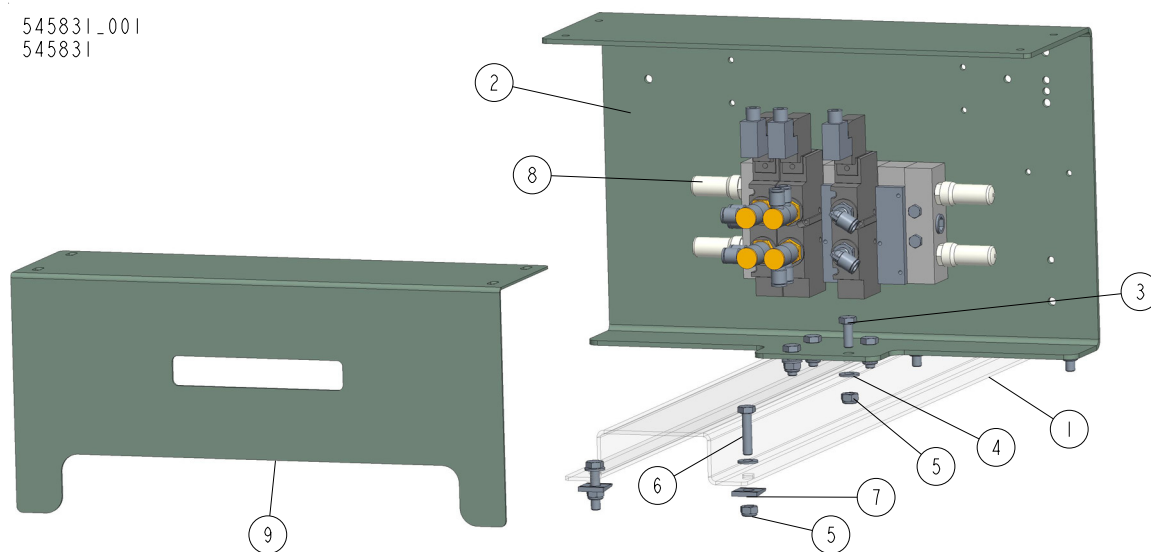
545830_001
545830



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | BLOCK VALVE | 545830 | 1 |
| 1 | MANIFOLD, SS5Y9-23-05-00F-Q /SMC/ | 533264 | 1 |
| 2 | VALVE, 5/2-3/8" SY9120-5YO-03F-Q SOLENO | 531836 | 4 |
| 3 | SILENCER, R3/8-AN30-03 | 515598 | 4 |
| 4 | CONNECTOR, DIN K43 /SMC/ | 533266 | 4 |
| 5 | PLUG, BS38A SMC HOLE | 533267 | 1 |
| 6 | PLATE, SY9000-26-1A-Q BLANKING (SMC) | 533268 | 1 |
| 7 | FITTING, KQ2VD 08-03 AS MALE ELBOW | 533269 | 4 |
| 8 | FITTING, KQ2S12-03AS MALE | 533270 | 1 |
| 9 | BOLT, M6X45-8.8-HEX HEAD ZINC | F81001-6 | 4 |
| 10 | WASHER, 6.4 FLAT ZINC | F81053-1 | 4 |
| 11 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 4 |
| 12 | FITTING | 514801 | 2 |
| 13 | PLUG KQ2P-06 | 511153 | 1 |
| 14 | FITTING, KQ2L08-03A /SMC/ MALE ELBOW | 533274 | 2 |

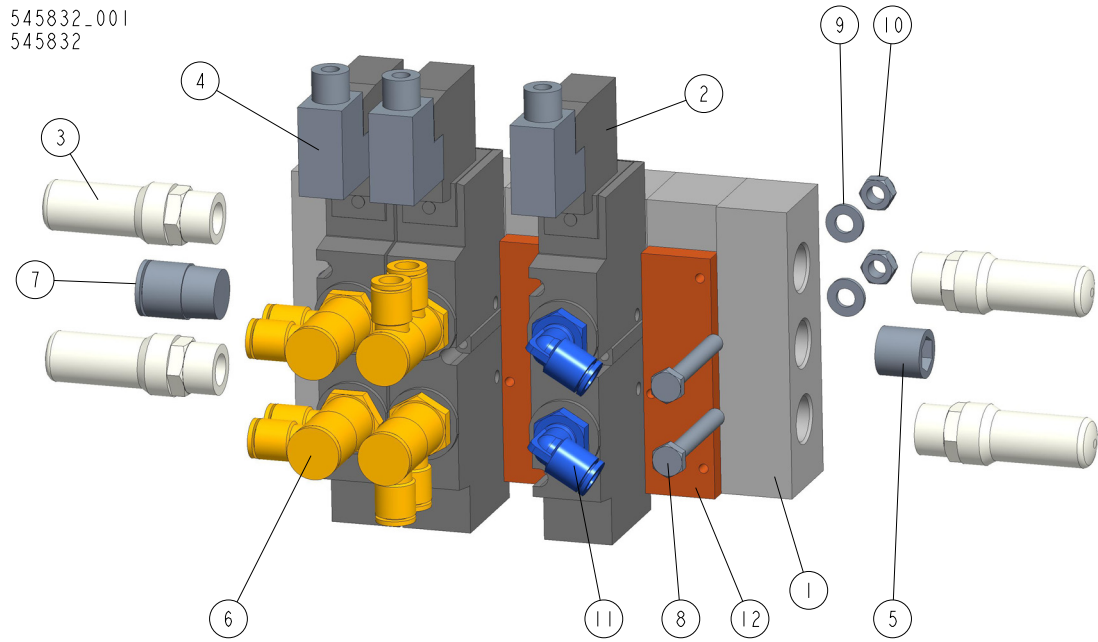
2.30 Valve Control Panel (545831)

545831_001
545831



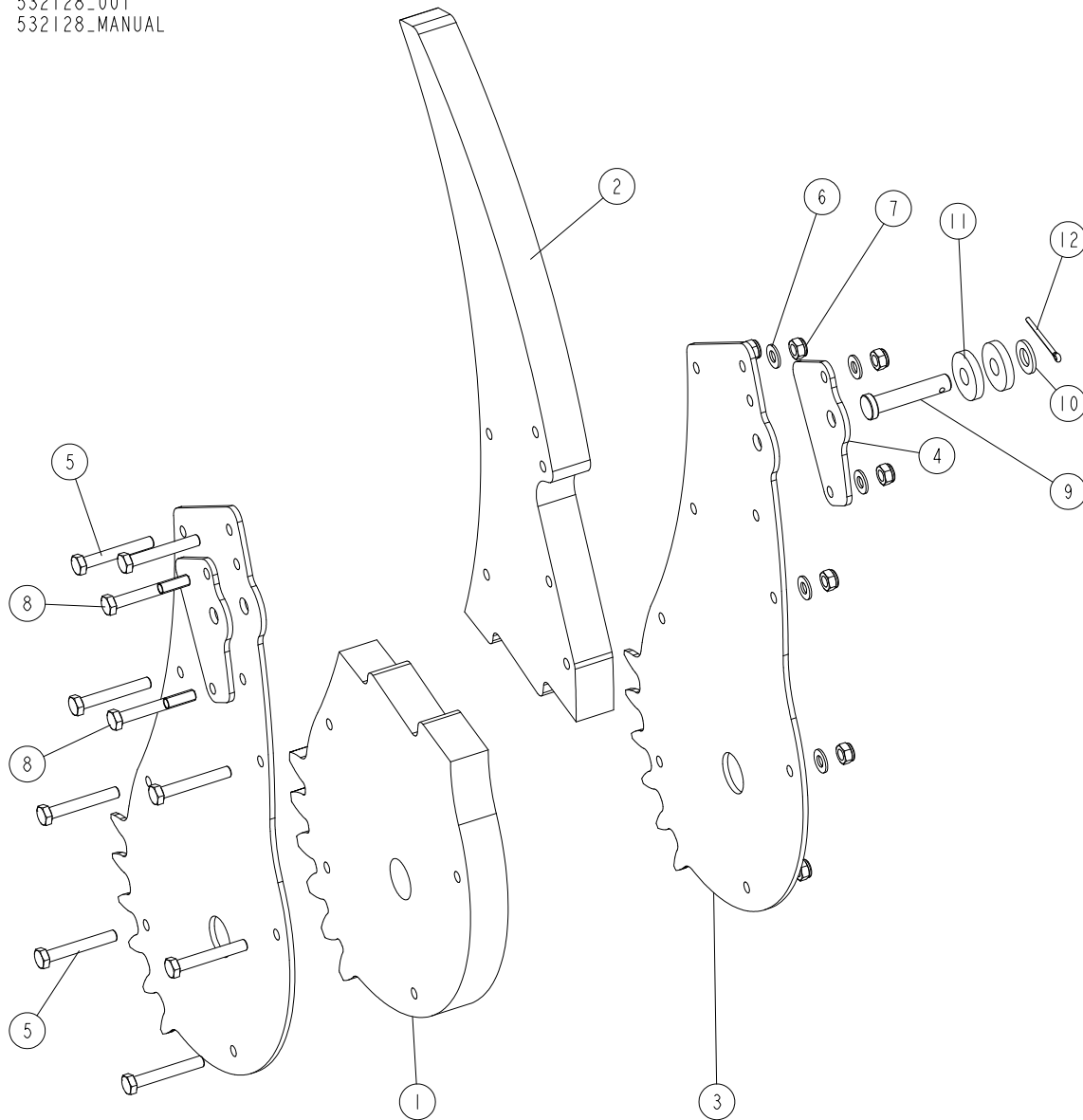
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | PANEL CONTROL COMPLETE | 545831 | 1 |
| - | BRACKET LOWER PNEUMATICS | 533348 | 1 |
| 1 | BEAM | 533346-1 | 1 |
| 2 | BRACKET LOWER | 533347-1 | 1 |
| 3 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 4 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 5 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 8 |
| 6 | BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZIN | F81002-13 | 4 |
| 7 | WASHER, 9.5 SQUARE TAPER ZINC | F81055-17 | 4 |
| 8 | BLOCK VALVE See Section 2.31 | 545832 | 1 |
| 9 | COVER | 540349-1 | 1 |

2.31 Valve Block (545832)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | BLOCK VALVE | 545832 | 1 |
| 1 | MANIFOLD, SS5Y9-23-05-00F-Q /SMC/ | 533264 | 1 |
| 2 | VALVE, 5/2-3/8" SY9120-5YO-03F-Q SOLENO | 531836 | 3 |
| 3 | SILENCER, R3/8-AN30-03 | 515598 | 4 |
| 4 | CONNECTOR, DIN K43 /SMC/ | 533266 | 3 |
| 5 | PLUG, BS38A SMC HOLE | 533267 | 1 |
| 6 | FITTING, KQ2VD 08-03 AS MALE ELBOW | 533269 | 4 |
| 7 | FITTING, KQ2S12-03AS MALE | 533270 | 1 |
| 8 | BOLT, M6X45-8.8-HEX HEAD ZINC | F81001-6 | 4 |
| 9 | WASHER, 6.4 FLAT ZINC | F81053-1 | 4 |
| 10 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 4 |
| 11 | FITTING, KQ2L08-03A /SMC/ MALE ELBOW | 533274 | 2 |
| 12 | PLATE, SY9000-26-1A-Q BLANKING (SMC) | 533268 | 2 |

2.32 Centraliser Right Arm (532128)

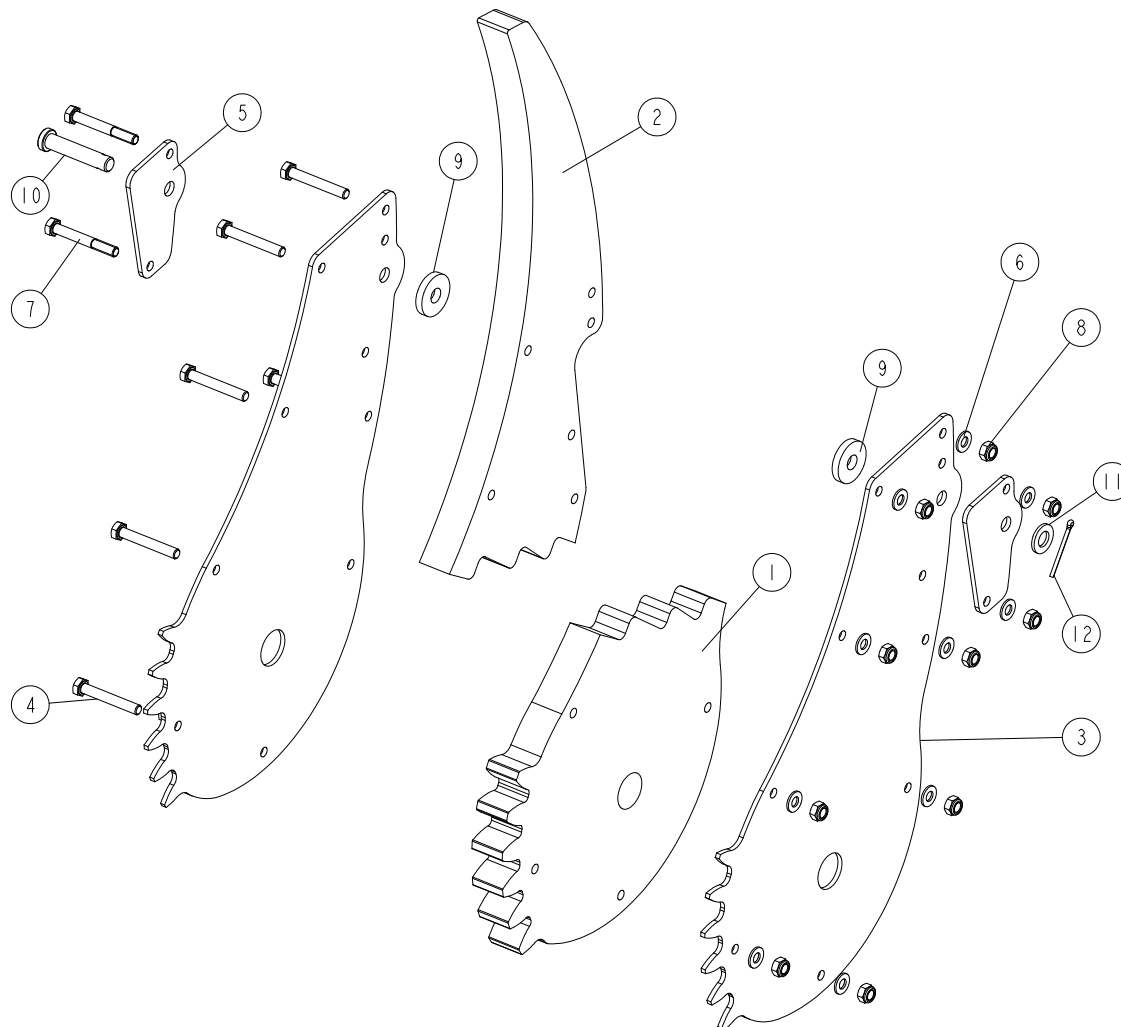
532128_001
532128_MANUAL

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | ARM, RIGHT CENTRALISER | 532128 | 6 |
| 1 | PLATE, CENTRALISER RIGHT LOWER | 532123 | 1 |
| 2 | PLATE, CENTRALISER UPPER | 532122 | 1 |
| 3 | PLATE, JOINING | 532124-1 | 2 |
| 4 | PLATE, CYLINDER REINFORCING MOUNT | 532125-1 | 2 |
| 5 | BOLT, M8X55-8.8 HEX HEAD ZINC | F81002-8 | 8 |
| 6 | WASHER, 8.4 FLAT ZINC | F81054-1 | 10 |
| 7 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 10 |
| 8 | BOLT, M8X60 8.8 HEX HEAD ZINC | F81002-54 | 2 |
| 9 | PIN, 12X55 FLANGE 16-5 | 532138-1 | 1 |
| 10 | WASHER, 13 FLAT ZINC | F81056-1 | 1 |

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|----------|-----|--|
| 11 | WASHER, 12.2/35-6 | 532139-1 | 2 | |
| 12 | PIN, S-ZN 4X25 COTTER | F81043-2 | 1 | |

2.33 Centraliser Left Arm (532129)

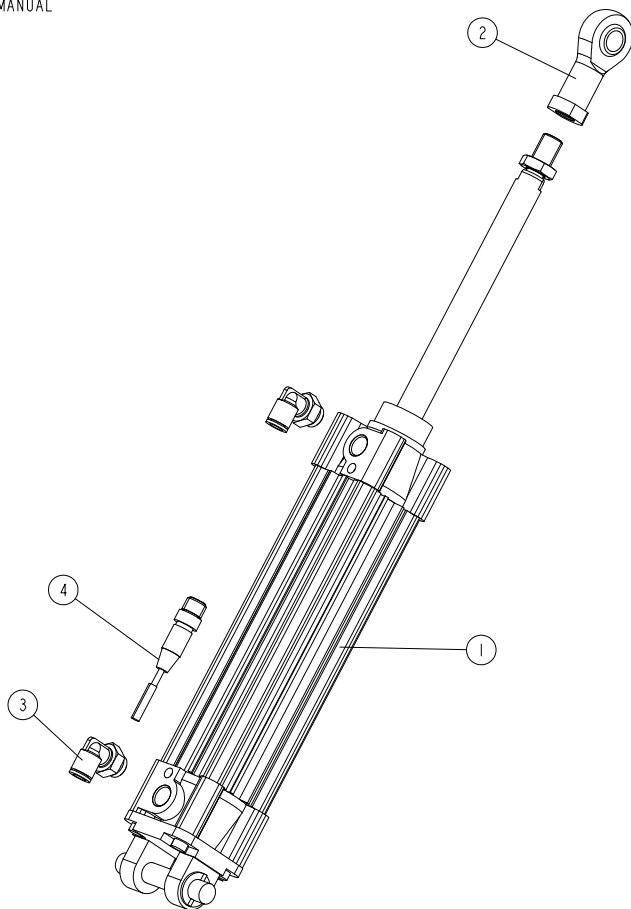
532129_001
532129_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | ARM, CENTRALISER LEFT - COMPLETE | 532129 | 6 |
| 1 | PLATE, CENTRALISER LEFT LOWER | 532126 | 1 |
| 2 | PLATE, CENTRALISER RIGHT UPPER | 532130 | 1 |
| 3 | PLATE, JOINING | 532127-1 | 2 |
| 4 | BOLT, M8X55-8.8 HEX HEAD ZINC | F81002-8 | 8 |
| 5 | PLATE, CYLINDER REINFORCING MOUNT | 532125-1 | 2 |
| 6 | WASHER, 8.4 FLAT ZINC | F81054-1 | 10 |
| 7 | BOLT, M8X60 8.8 HEX HEAD ZINC | F81002-54 | 2 |
| 8 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 10 |
| 9 | WASHER, 12.2/35-6 | 532139-1 | 2 |
| 10 | PIN, 12X55 FLANGE 16-5 | 532138-1 | 1 |
| 11 | WASHER, 13 FLAT ZINC | F81056-1 | 1 |
| 12 | PIN, S-ZN 4X25 COTTER | F81043-2 | 1 |

2.34 Cylinder Assembly (532135)

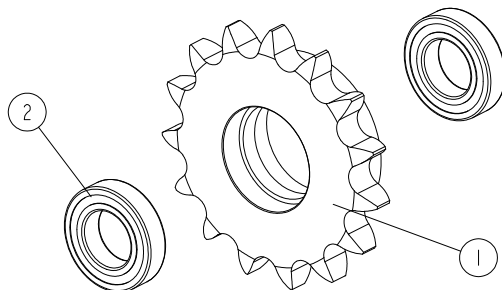
532135_001
532135_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|--------|-----|--|
| - | CYLINDER ASSEMBLY, CP96SDD40-150C | 532135 | 12 | |
| 1 | CYLINDER, CP96SDD40-150C (SMC) | 532132 | 1 | |
| 2 | EYE, KJ12D SPHERICAL ROD (SMC) | 510373 | 1 | |
| 3 | FITTING, KQ2L 08-G02A MALE ELBOW (SMC) | 532140 | 2 | |
| 4 | SENSOR, D-M9PSDPC PROXIMITY | 533276 | 1 | |

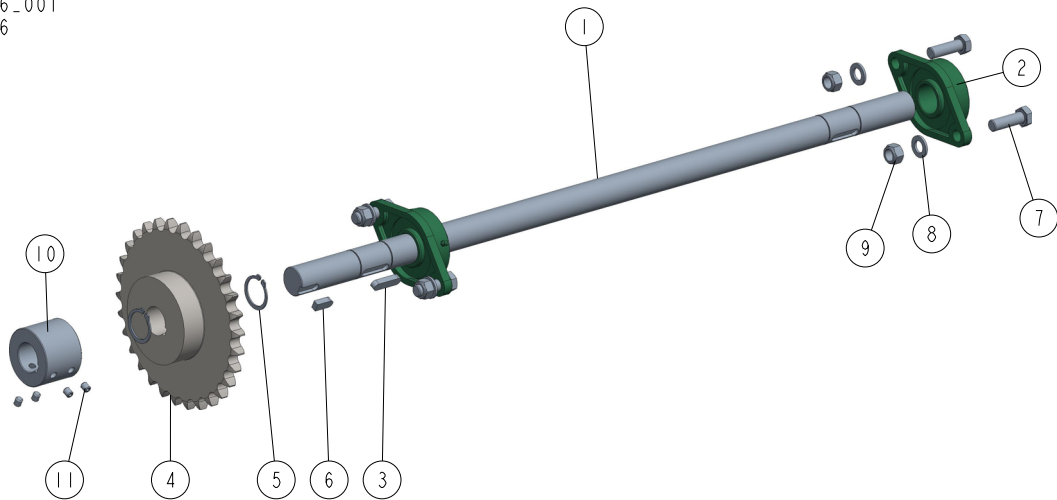
2.35 Sprocket Assembly (533060)

533060_001
533060_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|--------|-----|--|
| - | SPROCKET ASSEMBLY | 533060 | 12 | |
| 1 | SPROCKET, ASA 80 16A-1 Z15 | 533061 | 1 | |
| 2 | BEARING, 6006 2RSR | 096191 | 2 | |

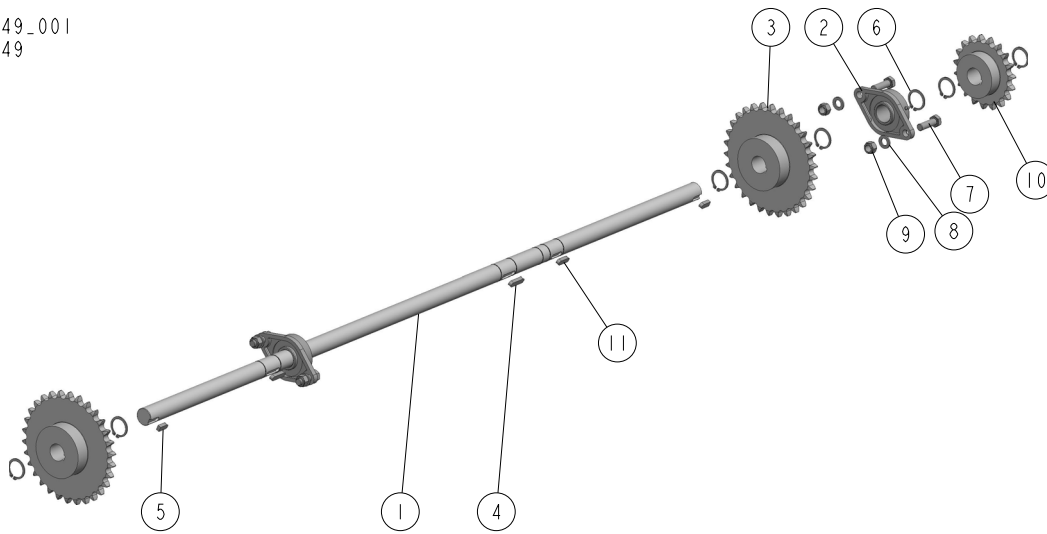
2.36 Shaft (545846)

545846_001
545846

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | SHAFT 1 COMPLETE | 545846 | 1 |
| 1 | SHAFT 1 | 545847 | 1 |
| 2 | BEARING UNIT, UCFL208 | 099423 | 2 |
| 3 | KEY, A12X8X45 PARALLEL | 532673 | 1 |
| 4 | SPROCKET, ASA 80 16A-1 Z30 (HABERKORN) | 533066 | 1 |
| 5 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 2 |
| 6 | KEY, AB12X8X28 PARALLEL | 532667 | 1 |
| 7 | BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZI | F81006-38 | 4 |
| 8 | WASHER, 17 FLAT ZINC | F81058-1 | 4 |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 4 |
| 10 | COUPLER | 532157-1 | 1 |
| 11 | SCREW, M10X12-45H ZINC SET | F81003-46 | 4 |

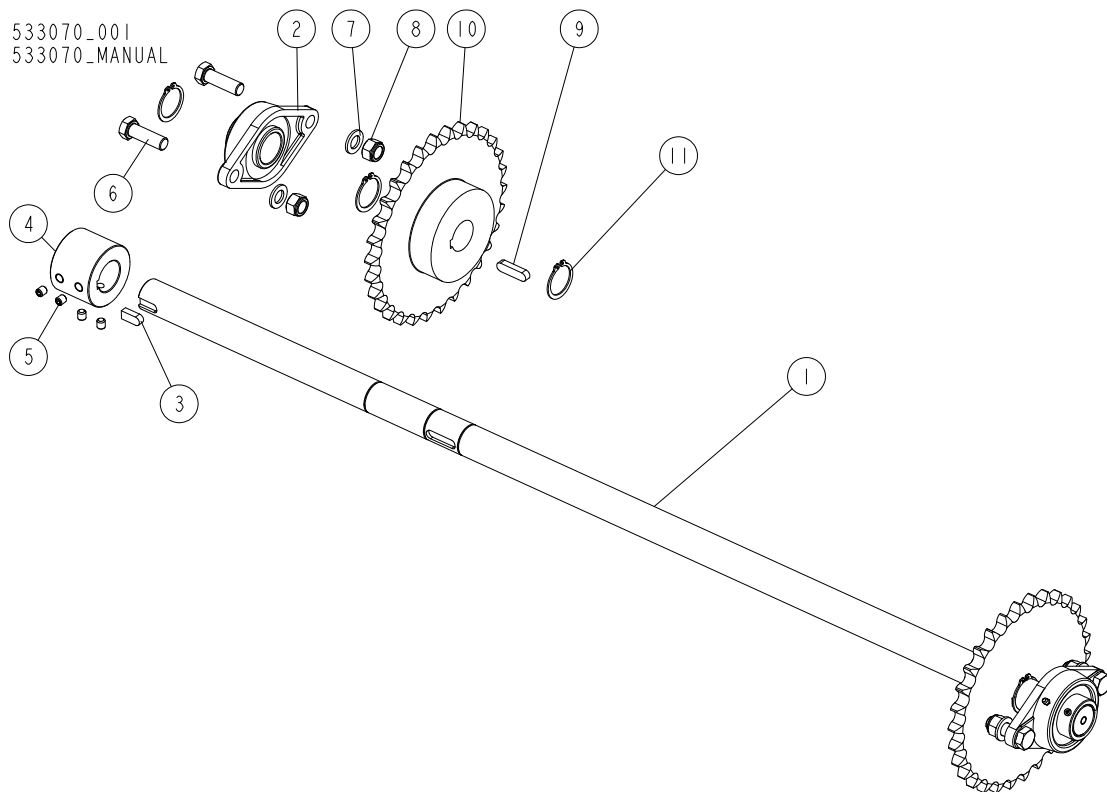
2.37 Shaft (545849)

545849_001
545849



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | SHAFT 2 COMPLETE | 545849 | 1 |
| 1 | SHAFT 2 | 545850 | 1 |
| 2 | BEARING UNIT, UCFL208 | 099423 | 2 |
| 3 | SPROCKET, ASA 80 16A-1 Z30 (HABERKORN) | 533066 | 2 |
| 4 | KEY, A12X8X45 PARALLEL | 532673 | 2 |
| 5 | KEY, AB12X8X28 PARALLEL | 532667 | 2 |
| 6 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 7 |
| 7 | BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZI | F81006-38 | 4 |
| 8 | WASHER, 17 FLAT ZINC | F81058-1 | 4 |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 4 |
| 10 | SPROCKET, ASA 80 16A-1 Z19 | 533067 | 1 |
| 11 | KEY, A12X8X36 PARALLEL | 503182 | 1 |

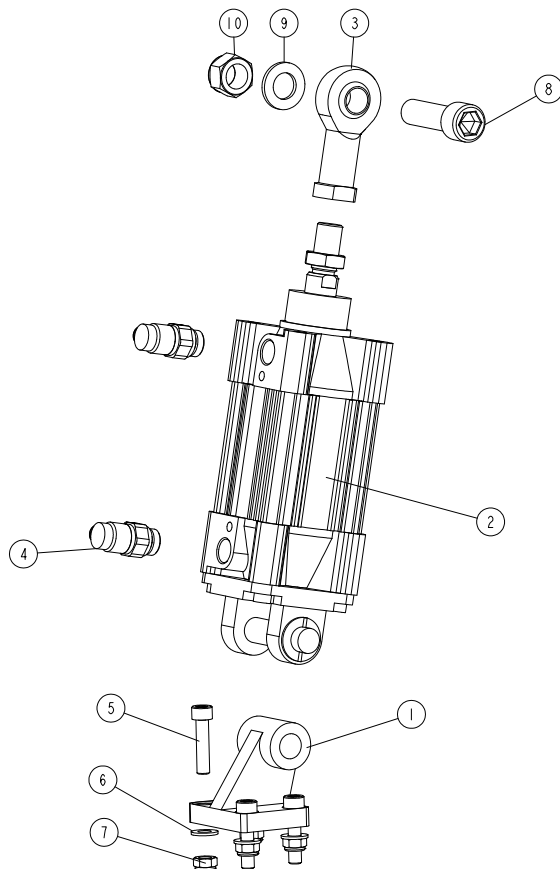
2.38 Shaft - Part 3 (533070)



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | SHAFT, COMPLETE - PART 3 | 533070 | 2 |
| 1 | SHAFT (3) | 533071 | 1 |
| 2 | BEARING, UCFL208 W/HOUSING (KG INTERN. FZCO) | 099423 | 2 |
| 3 | KEY, AB12X8X28 PARALLEL | 532667 | 1 |
| 4 | COUPLER | 532157-1 | 1 |
| 5 | SCREW, M10X12-45H ZINC-PLATED SET | F81003-46 | 4 |
| 6 | BOLT, M16X50-8.8 HEX HEAD FULL THREAD ZINC | F81006-38 | 4 |
| 7 | WASHER, 17 SPLIT LOCK ZINC | F81058-1 | 4 |
| 8 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 4 |
| 9 | KEY, A12X8X45 PARALLEL | 532673 | 2 |
| 10 | SPROCKET, ASA 80 16A-1 Z30 (HABERKORN) | 533066 | 2 |
| 11 | RING, Z40 OUTSIDE RETAINING | F81090-33 | 5 |

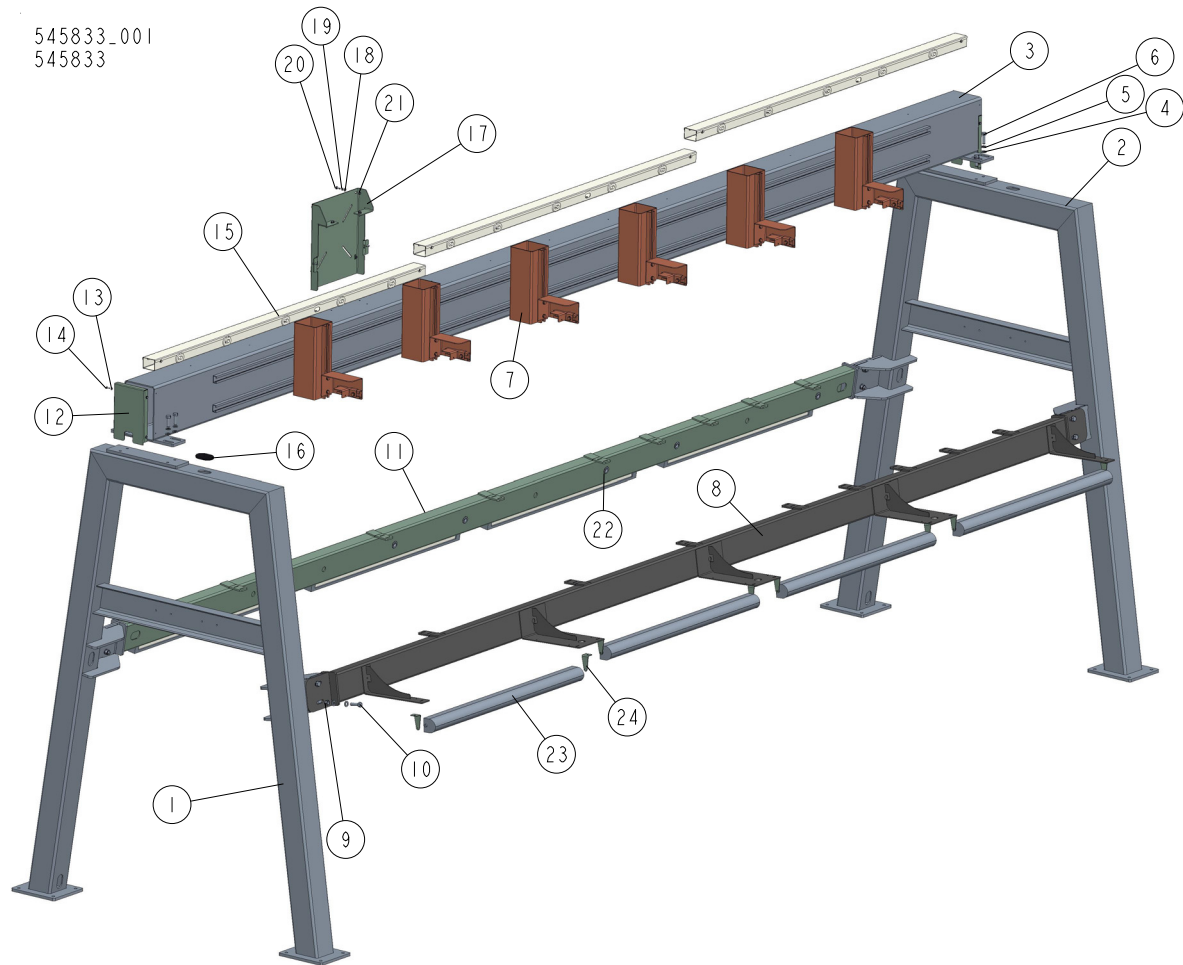
2.39 Cylinder Assembly (532679)

532679_001
532679_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|------------|-----|
| - | CYLINDER ASSEMBLY, CP96SD63-40C - COMPLETE | 532679 | 2 |
| 1 | CLEVIS, E5063 ANGLED (SMC) | 532680 | 1 |
| - | CYLINDER ASSEMBLY, CP96S D63-40C | 532678 | 1 |
| 2 | CYLINDER, CP96S D63-40C (SMC) | 533262 | 1 |
| 3 | EYE, KJ16D SPHERICAL ROD | 512296 | 1 |
| 4 | CONTROLLER, AS3201F-G03-08A SPEED (SMC) | 532681 | 2 |
| 5 | SCREW, ISO 4762 M8X35-8.8-A2E HEX SOCKET HEAD CAP | F81002-101 | 4 |
| 6 | WASHER, 8.4 FLAT ZINC | F81054-1 | 4 |
| 7 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 4 |
| 8 | SCREW, M16X55-8.8 HEX SOCKET HEAD CAP ZINC | F81006-18 | 1 |
| 9 | WASHER, 17 SPLIT LOCK ZINC | F81058-1 | 1 |
| 10 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 1 |

2.40 Camera Mount Frame (545833)

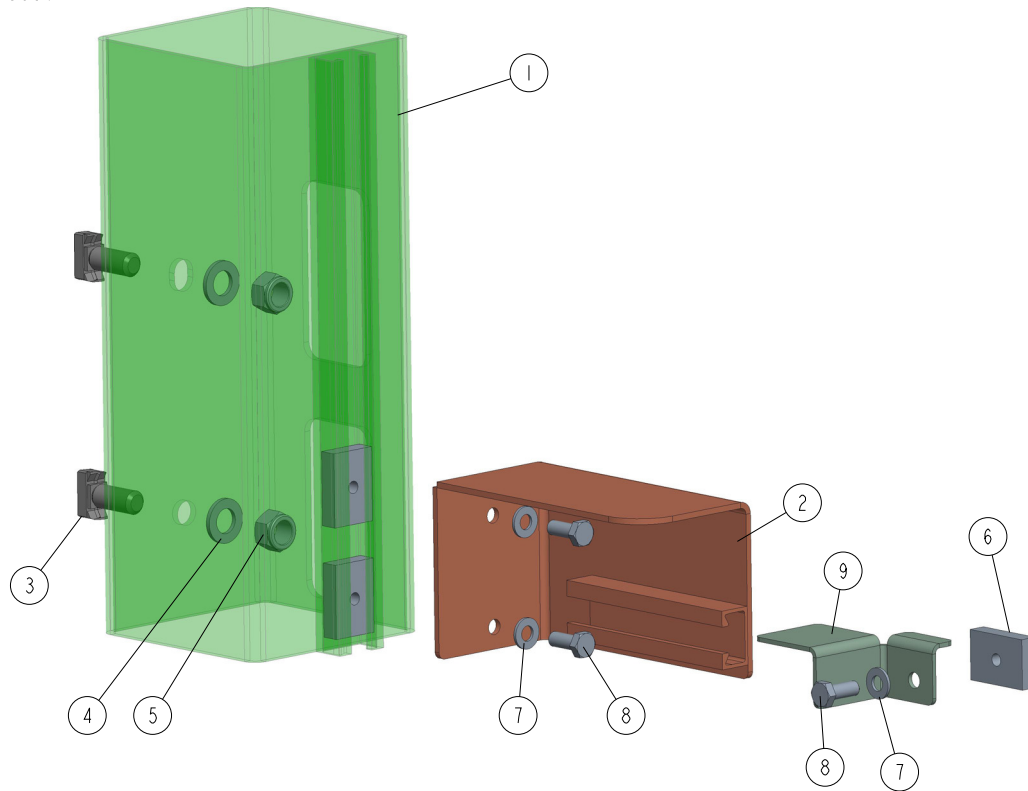


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CAMERA MOUNT FRAME COMPLETE | 545833 | 1 | |
| 1 | A-FRAME, CAMERA BEAM SUPPORT | 533234-1 | 1 | |
| 2 | A-FRAME, CAMERA BEAM SUPPORT | 533343-1 | 1 | |
| 3 | BEAM WELDMENT, CAMERA MOUNT | 533238-1 | 1 | |
| 4 | WASHER, 17 FLAT ZINC | F81058-1 | 24 | |
| 5 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 8 | |
| 6 | BOLT, M16 X 50-8.8 HEX HEAD | F81006-7 | 8 | |
| 7 | MOUNT ASSEMBLY, CAMERA See Section 2.41 | 545839 | 6 | |
| 8 | BEAM WELDMENT | 545841-1 | 1 | |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 8 | |
| 10 | BOLT M16X55-8.8-FE/ZN5 PN/M-82105. | F81006-61 | 8 | |
| 11 | BEAM WELDMENT | 545840-1 | 1 | |
| 12 | CAP, 300X200 TUBE END | 533311-1 | 2 | |
| 13 | WASHER, 6.4 FLAT ZINC | F81053-1 | 8 | |
| 14 | BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN | F81001-15 | 8 | |
| 15 | DUCT, CABLE - COMPLETE See Section 2.42 | 533327 | 3 | |
| 16 | GROMMET, 70X36X4 RUBBER | 089532 | 5 | |
| - | BASE BOX CONTROL COMPLETE | 547116 | 1 | |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|----------|-----|--|
| 17 | MOUNT BOX CONTROL | 547115-1 | 1 | |
| 18 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 | |
| 19 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 8 | |
| 20 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 8 | |
| 21 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 4 | |
| 22 | GROMMET, 22MM RUBBER | 087400 | 13 | |
| - | LAMP LED COMPLETE | 545834 | 8 | |
| 23 | LAMP LED | 545835 | 1 | |
| 24 | BRACKET LAMP LED | 545836 | 2 | |

2.41 Camera Mount Assembly (545839)

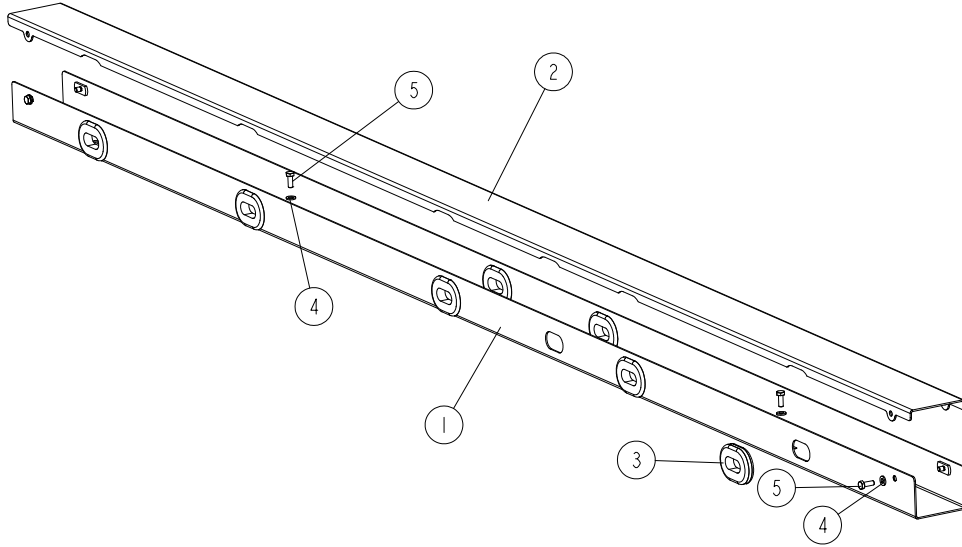
545839_001
545839



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | MOUNT ASSEMBLY CAMERA | 545839 | 1 | |
| 1 | TUBE WELDMENT, CAMERA ADJUSTMENT MAL. | 533242-1 | 1 | |
| 2 | BRACKET WELDMENT, CAMERA MOUNT | 533244-1 | 1 | |
| 3 | BOLT, HSR 40/22 M16X40 GV-S 8.8 T-HEAD | 533247 | 2 | |
| 4 | WASHER, 17 FLAT ZINC | F81058-1 | 2 | |
| 5 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 2 | |
| 6 | NUT | 540329-1 | 3 | |
| 7 | WASHER, 10.5 FLAT ZINC | F81055-1 | 3 | |
| 8 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 3 | |
| 9 | BRACKET | 540328-1 | 1 | |

2.42 Cable Duct (533327)

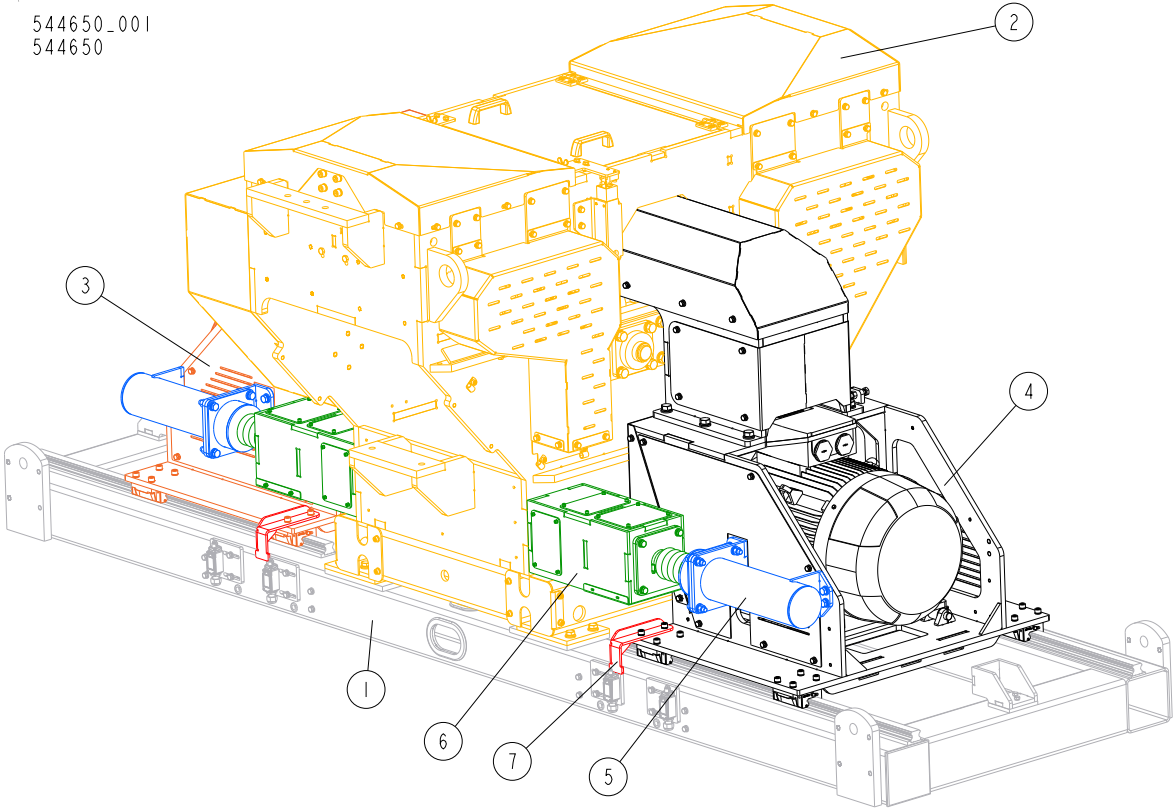
533327_001
533327_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|-----------|-----|--|
| - | DUCT, CABLE - COMPLETE | 533327 | 3 | |
| 1 | CHANNEL WELDMENT, CABLE DUCT | 533328-1 | 1 | |
| 2 | COVER, CABLE DUCT | 533326-1 | 1 | |
| 3 | GROMMET, 1 X 1 3/4 OVAL RUBBER | 085613 | 7 | |
| 4 | WASHER, 6.4 FLAT ZINC | F81053-1 | 6 | |
| 5 | BOLT, M6X16-8.8 HEX HEAD FULL THREAD ZINC | F81001-15 | 6 | |

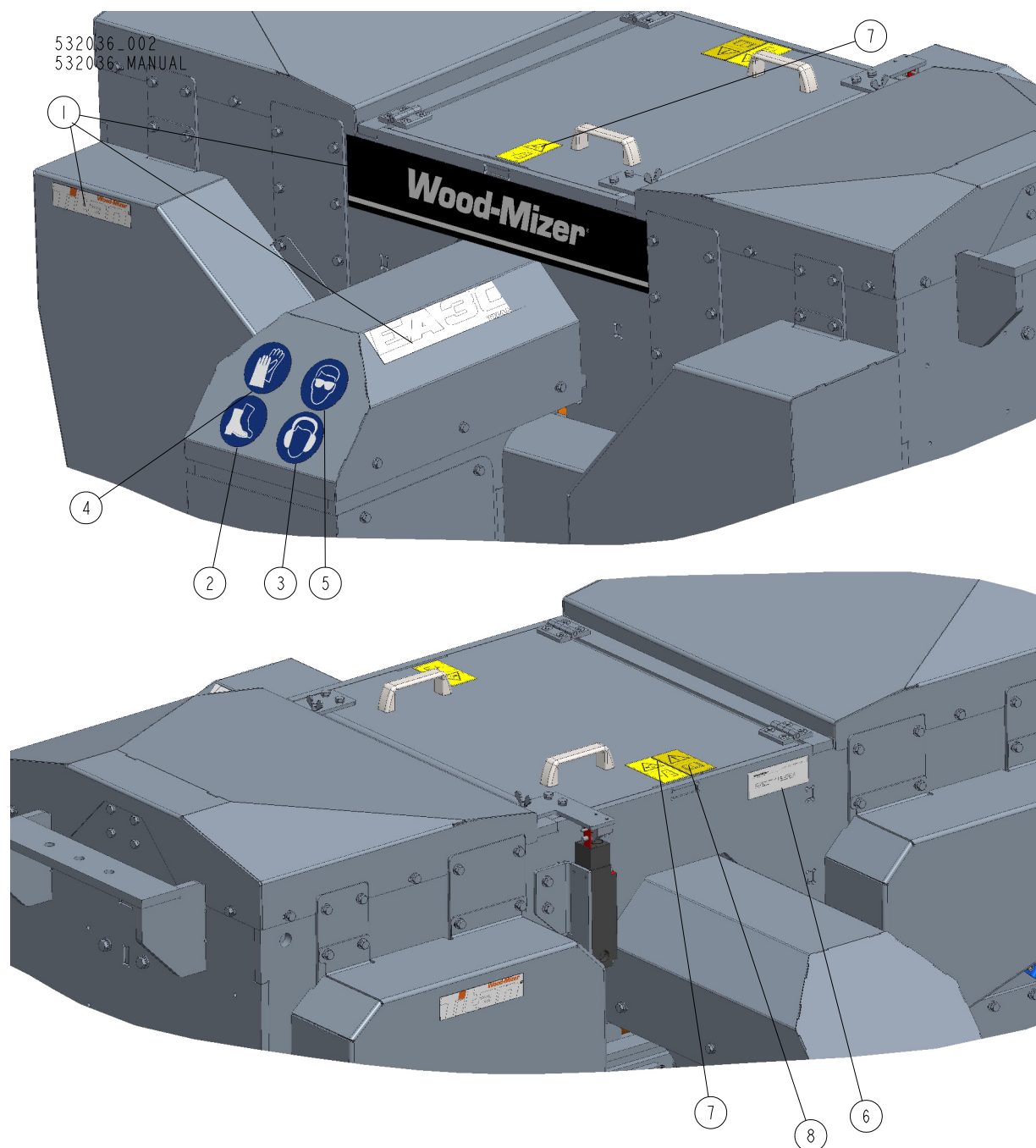
SECTION 3 EA3000 EDGER

3.1 EA3000 Edger



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | EA3000 EDGER | 544650 | 1 |
| 1 | BASE, EDGER COMPLETE See Section 3.3 | 532016 | 1 |
| 2 | FRAME, EDGER CENTRAL See Section 3.4 | 544651 | 1 |
| 3 | MOVING ARBOR ASSEMBLY (RIGHT SIDE - MACH See Section 3.18 | 532440 | 1 |
| 4 | MOVING ARBOR ASSEMBLY (LEFT SIDE - MACHI See Section 3.18 | 532850 | 1 |
| 5 | SERVO DRIVE (2ND PART) BALL SCREW NUT AN BALL SCREW NUT AND HOUSING See Section 3.24 | 529117 | 2 |
| 6 | SERVO DRIVE (1ST PART) SERVO MOTOR & BAL See Section 3.25 | 529098 | 2 |
| 7 | LIMIT SWITCH TRIGGER BRACKET | 532611-1 | 2 |

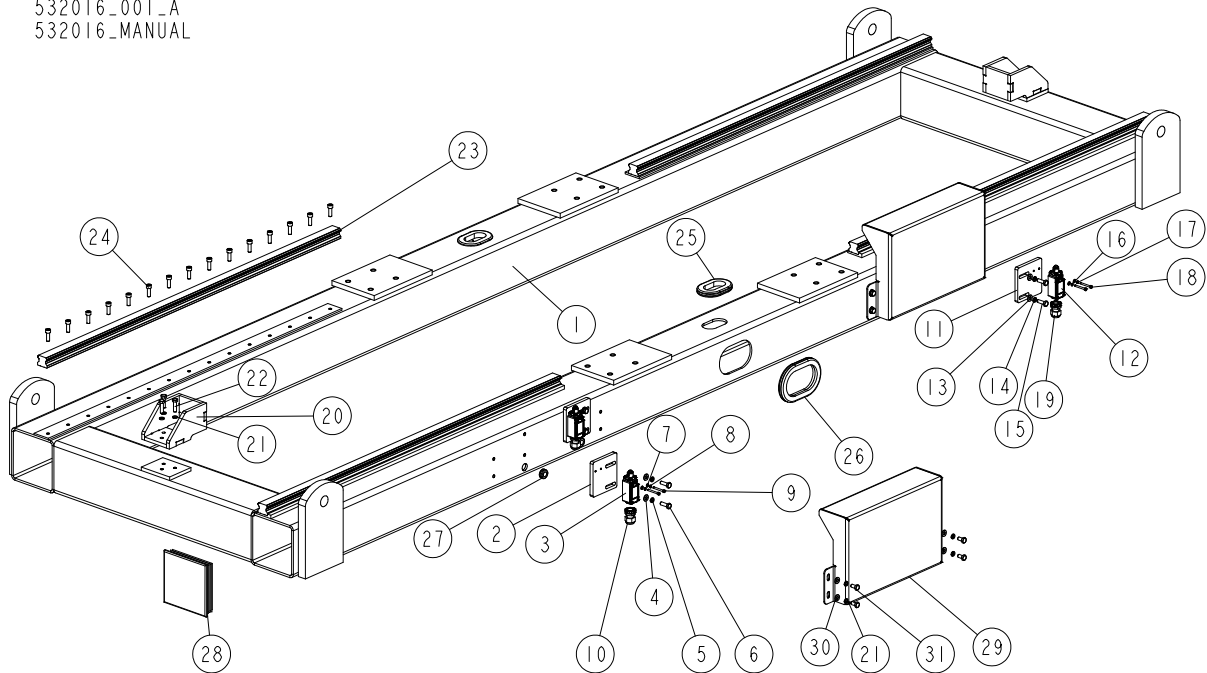
3.2 Decals



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|---------|-----|
| - | DECAL KIT, EA3000 CENTRAL FRAME | 535154 | 1 |
| 1 | DECAL, EA3000 LOGO | 535153 | 1 |
| 2 | DECAL, "WEAR SAFETY BOOTS" (PICTOGRAM) | 501465 | 1 |
| 3 | DECAL, "WEAR PROTECTIVE EAR MUFFS" (PICTOGRAM) | S12005G | 1 |
| 4 | DECAL, "WEAR SAFETY GLOVES" | 512107 | 1 |
| 5 | DECAL, "WEAR SAFETY GOGGLES" (PICTOGRAM) | S12004G | 1 |
| 6 | DECAL, EUROPEAN HEADQUARTER ADDRESS | 015841 | 1 |
| 7 | DECAL, "CLOSE GUARDS BEFORE OPERATING" | 099220 | 2 |
| 8 | DECAL, "READ THE OPERATOR'S MANUAL" | 096317 | 1 |

3.3 Edger Base Assembly (532016)

532016_001_A
532016_MANUAL

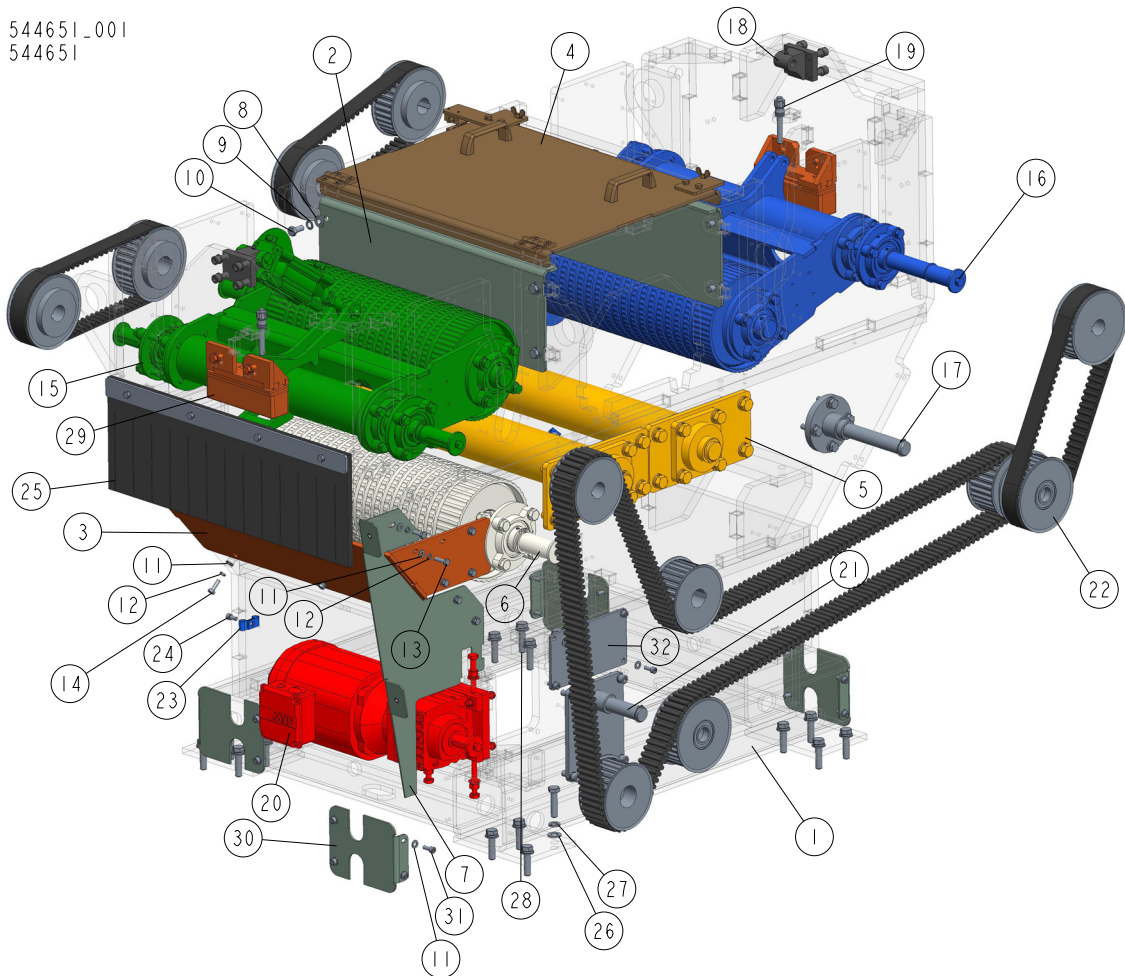


| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | BASE, EDGER COMPLETE | 532016 | 1 |
| 1 | BASE WELDMENT, EDGER | 532015-1 | 1 |
| - | SWITCH ASSEMBLY, LIMIT, (LEFT SIDE) | 532018 | 2 |
| 2 | PLATE, LIMIT SWITCH MOUNT | 532017-1 | 1 |
| 3 | SWITCH, FA134 Z11 SAFETY | 100910 | 1 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 5 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 2 |
| 6 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC | F81002-5 | 2 |
| 7 | WASHER, 4.3 FLAT ZINC | F81051-2 | 2 |
| 8 | WASHER, Z 4.1 SPLIT LOCK ZINC | F81051-1 | 2 |
| 9 | SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC | F81011-34 | 2 |
| 10 | GLAND, PG13.5 CABLE | 086524 | 1 |
| - | SWITCH ASSEMBLY, LIMIT (RIGHT SIDE) | 532019 | 2 |
| 11 | PLATE, LIMIT SWITCH MOUNT | 532017-1 | 1 |
| 12 | SWITCH, FA134 Z11 SAFETY | 100910 | 1 |
| 13 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 14 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 2 |
| 15 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC | F81002-5 | 2 |
| 16 | WASHER, 4.3 FLAT ZINC | F81051-2 | 2 |
| 17 | WASHER, Z 4.1 SPLIT LOCK ZINC | F81051-1 | 2 |
| 18 | SCREW, M4X35 8.8 HEX SOCKET HEAD CAP ZINC | F81011-34 | 2 |
| 19 | GLAND, PG13.5 CABLE | 086524 | 1 |
| 20 | STOP WELDMENT | 532020-1 | 2 |
| 21 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 14 |
| 22 | BOLT, M8X30-8.8-B HEX HEAD FULL THREAD ZINC | F81002-2 | 6 |

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|-----------|-----|--|
| 23 | RAIL, HIWIN HGR35R L=1165 E1=22.5 P=80 GUIDE | 532021 | 4 | |
| 24 | SCREW, M8X25 8.8 HEX SOCKET HEAD CAP ZINC | F81002-21 | 60 | |
| 25 | GROMMET, RUBBER | 089532 | 2 | |
| 26 | GROMMET, 72X122 RUBBER | 523667 | 2 | |
| 27 | GROMMET, 20/13 RUBBER | 086188 | 4 | |
| 28 | CAP, 150X150 TUBE END | 534147 | 2 | |
| 29 | GUARD, LIMIT SWITCH | 534842-1 | 2 | |
| 30 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 | |
| 31 | BOLT, M8X16-8.8-B HEX HEAD FULL THREAD ZINC | F81002-20 | 8 | |

3.4 Edger Central Frame (544651)

544651_001
544651

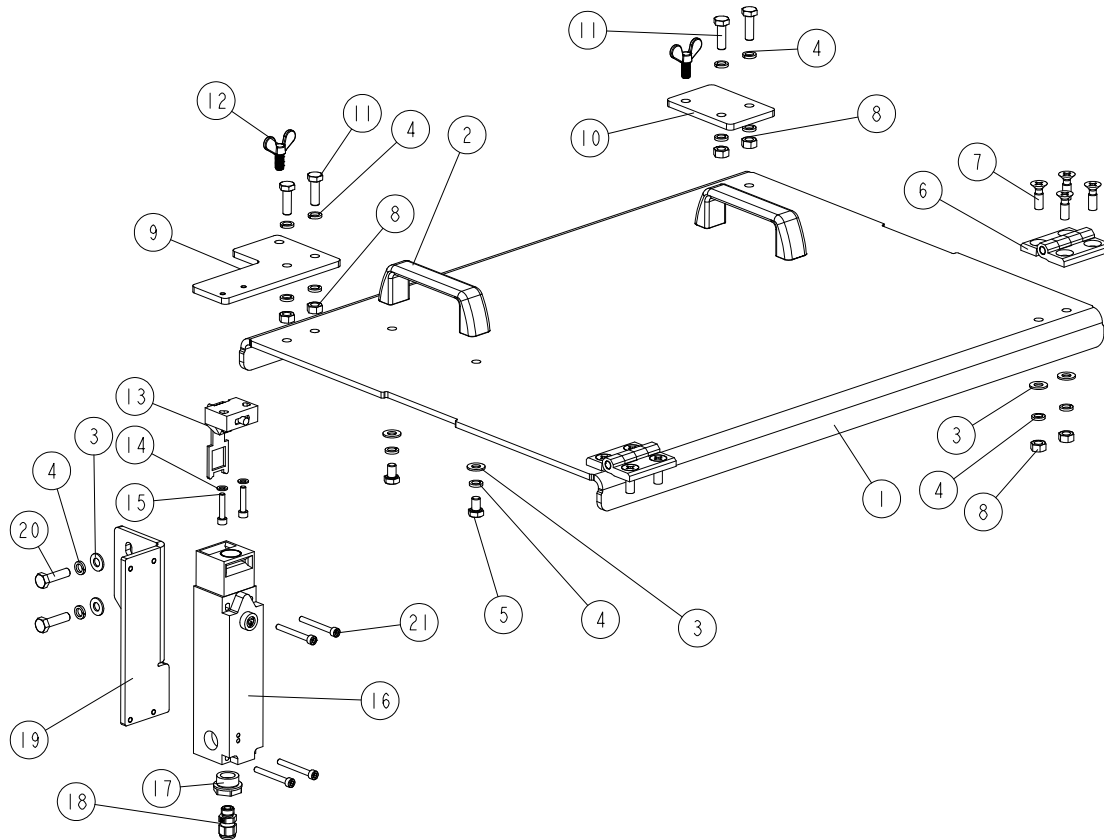


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|---|-----------|-----|
| - | FRAME, EDGER CENTRAL | 544651 | 1 |
| 1 | FRAME WELDMENT, CENTRAL | 544652-1 | 1 |
| 2 | PLATE, INTERNAL (1) | 528979-1 | 2 |
| 3 | PLATE, COVER (4) | 544675-1 | 1 |
| 4 | COVER, TOP See Section 3.5 | 528987 | 1 |
| 5 | ROLLER ASSEMBLY, BOTTOM See Section 3.6 | 544676 | 2 |
| 6 | ROLLER, COMPLETE See Section 3.7 | 544679 | 1 |
| 7 | GUARD, BELT COMPLETE (1) | 532293-1 | 1 |
| 8 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 9 | WASHER SPLIT LOCK 12.2 DIN127 A2 | F81056-8 | 8 |
| 10 | BOLT, M12X25-8.8 HEX HEAD FULL THREAD ZI | F81004-31 | 8 |
| 11 | WASHER, 8.4 FLAT ZINC | F81054-1 | 35 |
| 12 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 15 |
| 13 | BOLT, M8X30-8.8 HEX HEAD FULL THREAD ZIN | F81002-7 | 9 |
| 14 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD Z | F81002-5 | 6 |
| 15 | HOLD-DOWN ASSEMBLY (1) See Section 3.8 | 544681 | 1 |
| 16 | HOLD-DOWN ASSEMBLY (2) See Section 3.8 | 544688 | 1 |
| 17 | SHAFT, COMPLETE INTERMEDIATE See Section 3.10 | 528990 | 1 |
| 18 | BRACKET, PNEUMATIC CYLINDER - COMPLETE See Section 3.11 | 532407 | 2 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|---|-----------|-----|--|
| 19 | PIN, KIPP K0790.002112050 BALL SELF-LOCK | 532409 | 2 | |
| 20 | MOTOREDUCER, COMPLETE See Section 3.12 | 532410 | 1 | |
| 21 | PLATE, BELT ROUTING PULLEY MOUNT - COMPL See Section 3.13 | 532422 | 1 | |
| 22 | DRIVE ASSEMBLY See Section 3.14 | 544689 | 1 | |
| 23 | CLAMP, 1/2" EMT COATED | P07584 | 10 | |
| 24 | SCREW, M8X16-8.8 HEX SOCKET HEAD CAP ZIN | F81002-39 | 8 | |
| 25 | CURTAIN SET See Section 3.15 | 532860 | 1 | |
| 26 | WASHER, FLAT, M14 BOLT, ZINC | F81057-2 | 16 | |
| 27 | WASHER, M14 SPLIT LOCK ZINC | F81057-1 | 16 | |
| 28 | BOLT, M14X55-8.8 HEX HEAD FULL THREAD ZI | F81005-2 | 16 | |
| 29 | BUMPER, COMPLETE See Section 3.16 | 533854 | 2 | |
| 30 | CAP, TUBE END | 544708-1 | 4 | |
| 31 | SCREW, M8X20-8.8 HEX SOCKET HEAD CAP ZIN | F81002-30 | 20 | |
| 32 | COVER, INSPECTION | 544703-1 | 1 | |

3.5 Top Cover (528987)

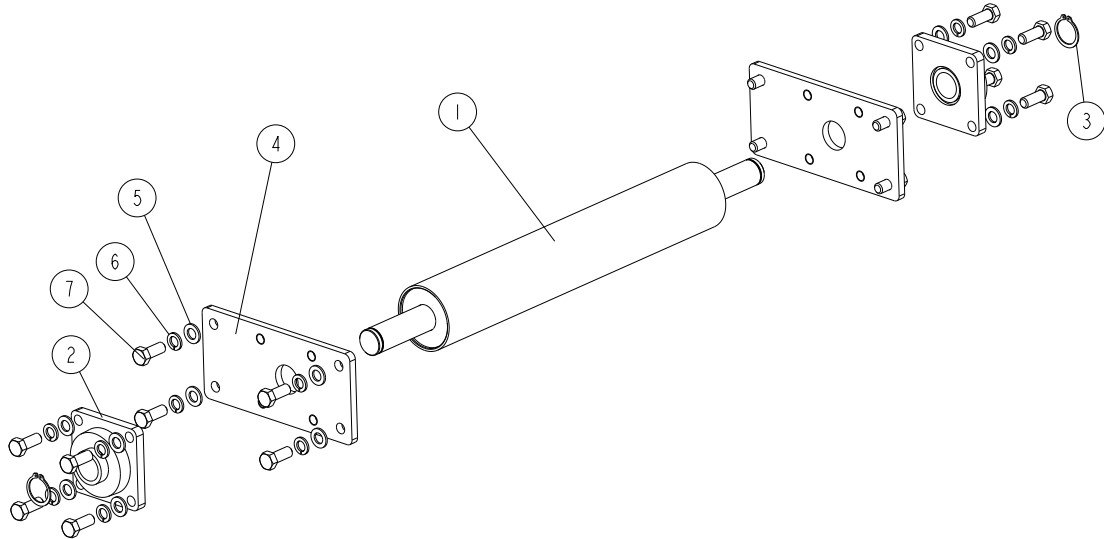
528987_001
528987_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | Qty |
|------|---|-----------|-----|
| - | COVER, TOP | 528987 | 1 |
| 1 | PLATE, TOP COVER | 528989-1 | 1 |
| 2 | BRACKET, TOP COVER | T00236 | 2 |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 10 |
| 4 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 18 |
| 5 | BOLT, M8X12-8.8 HEX HEAD FULL THREAD ZINC | F81002-6 | 4 |
| 6 | HINGE, CFM.60 SH8 CODE 425711 ELESA | 521728 | 2 |
| 7 | SCREW, M8X25-5.8 CROSS RECESSED FLAT HEAD ZINC | F81002-51 | 8 |
| 8 | NUT, M8-8-B HEX ZINC | F81032-1 | 8 |
| 9 | PLATE, MOUNT (2) | 532613-1 | 1 |
| 10 | PLATE, MOUNT (1) | 532614-1 | 1 |
| 11 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD ZINC | F81002-5 | 4 |
| 12 | SCREW, M8-1.25X16 THUMB | F05021-32 | 2 |
| 13 | KEY, SCHNEIDER XC SZ03 SWITCH | 525407 | 1 |
| 14 | WASHER, 5.3 FLAT ZINC | F81052-1 | 2 |
| 15 | SCREW, M5X25 8.8 HEX SOCKET HEAD CAP ZINC | F81000-7 | 2 |
| 16 | SWITCH, SCHNEIDER XCSLE2525512 SAFETY | 530871 | 1 |
| 17 | REDUCER, M20/M12 | F81097-28 | 1 |
| 18 | GLAND, DP 12 HM CABLE | F81096-39 | 1 |
| 19 | BRACKET, SAFETY SWITCH | 532615-1 | 1 |
| 20 | BOLT, M8X30-8.8-B HEX HEAD FULL THREAD ZINC | F81002-2 | 2 |
| 21 | SCREW, M5X45 DIN912 A2-70 HEX SOCKET HEAD CAP STAINLESS STEEL | F81000-24 | 4 |

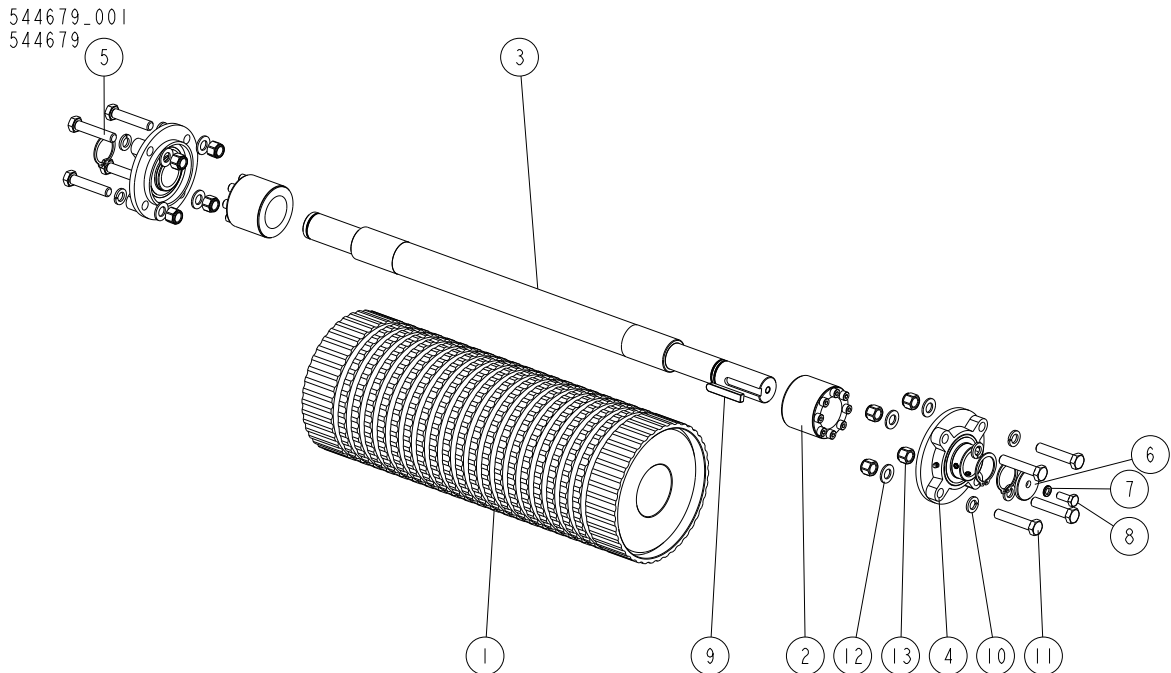
3.6 Bottom Roller Assembly (544676)

544676_001
544676



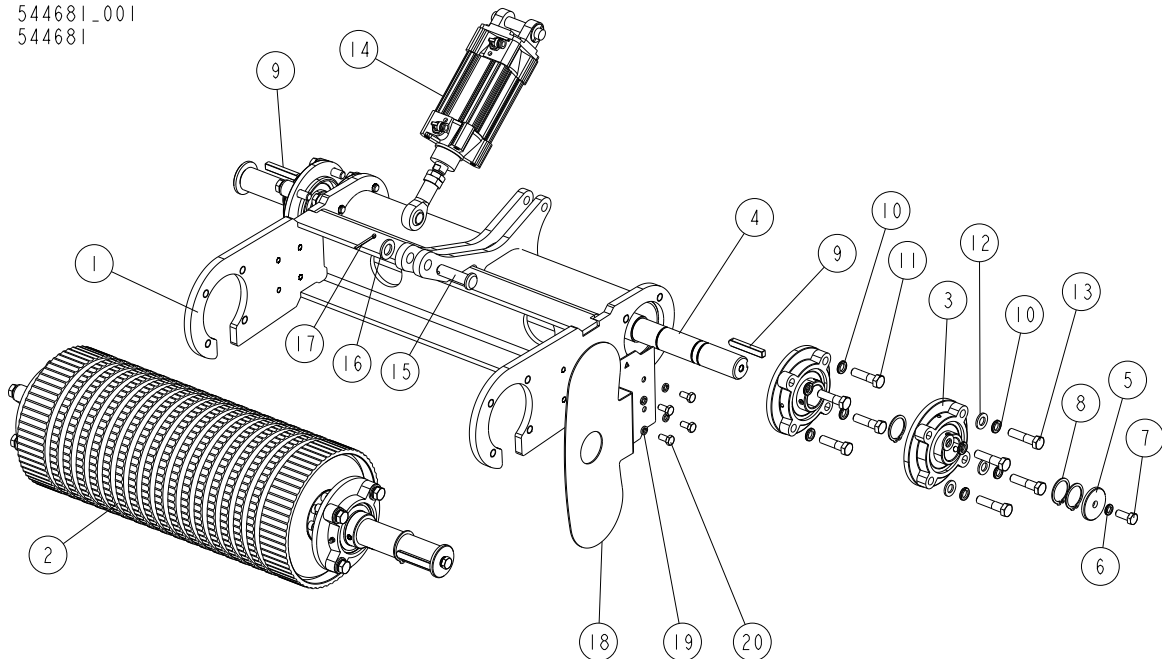
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | ROLLER ASSEMBLY, BOTTOM | 544676 | 1 |
| 1 | ROLLER, BOTTOM GUIDE | 544677-1 | 1 |
| 2 | BEARING UNIT, UCF208 FAG | 512725 | 2 |
| 3 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 2 |
| 4 | PLATE, ROLLER BRACKET (1) | 528976-1 | 2 |
| 5 | WASHER, 17 FLAT ZINC | F81058-1 | 16 |
| 6 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 16 |
| 7 | BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZI | F81006-13 | 16 |

3.7 Feed Roller Assembly (544679)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | ROLLER, COMPLETE | 544679 | 1 |
| 1 | TUBE, ROLLER W/DISKS | 540240-1 | 1 |
| 2 | ELEMENT, CLAMPEX KTR 400-50X80 CLAMPING | 540239 | 2 |
| 3 | SHAFT, FEED ROLLER | 544680 | 1 |
| 4 | BEARING, UCFC 208 W/HOUSING | 532121 | 2 |
| 5 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 3 |
| 6 | WASHER, 50X10.5-5 | 524023-1 | 1 |
| 7 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 1 |
| 8 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 1 |
| 9 | KEY, AB 12X8 60 PARALLEL | 532291 | 1 |
| 10 | WASHER, M14 SPLIT LOCK ZINC | F81057-1 | 8 |
| 11 | BOLT M14X70-8.8-FE/ZN5 | F81005-10 | 8 |
| 12 | WASHER, FLAT, M14 BOLT, ZINC | F81057-2 | 8 |
| 13 | NUT, M14 HEX NYLON ZINC LOCK | F81035-2 | 8 |

3.8 Hold-Down Assembly (544681, 544688)

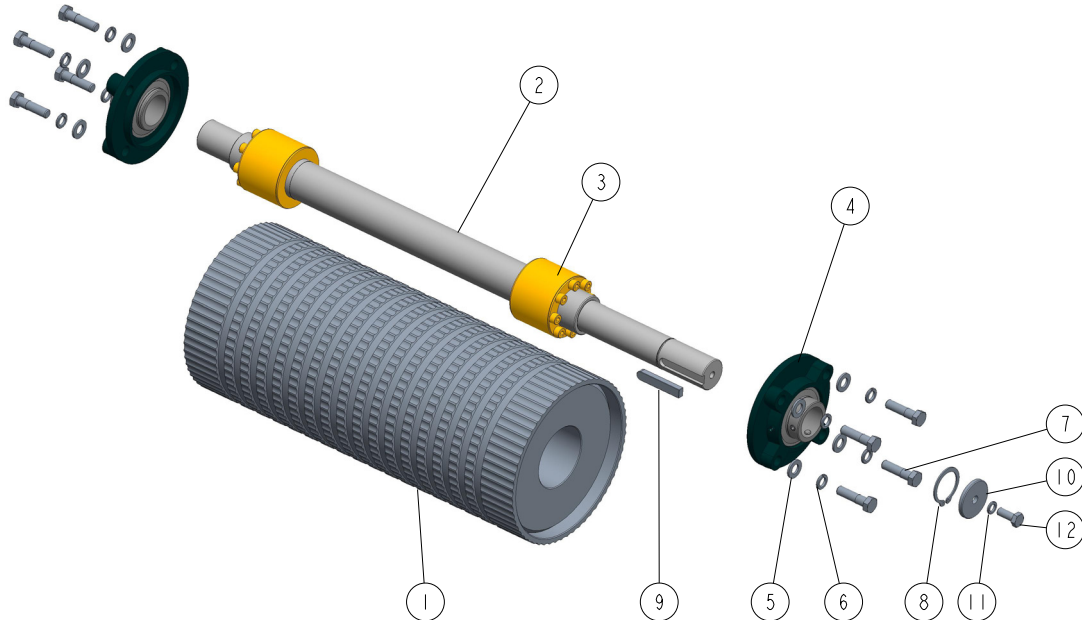
544681_001
544681

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------------------|-----|
| - | HOLD-DOWN ASSEMBLY (1) | 544681 | 1 |
| - | HOLD-DOWN ASSEMBLY (2) | 544688 | 1 |
| 1 | FRAME, HOLD-DOWN ROLLER | 544682-1 | 1 |
| 2 | ROLLER, COMPLETE/2 See Section 3.9 | 544684 | 1 |
| 3 | BEARING, UCFC 207 W/HOUSING | 529023 | 4 |
| 4 | SHAFT, PIVOT | 544686 ¹ | 1 |
| | SHAFT, PIVOT | 544687 ² | 1 |
| 5 | WASHER, 50X10.5-5 | 524023-1 | 2 |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 2 |
| 7 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 2 |
| 8 | RING, Z35 OUTSIDE RETAINING | F81090-36 | 6 |
| 9 | KEY, AB 10X8X64 | 528855 | 2 |
| 10 | PODKLADKA SPREZ. NIERDZ. 12.2 DIN127 A2 | F81056-8 | 16 |
| 11 | BOLT, M12X45-8.8 HEX HEAD ZINC | F81004-32 | 8 |
| 12 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 13 | BOLT, M12X50 8.8 HEX HEAD ZINC | F81004-74 | 8 |
| 14 | CYLINDER, COMPLETE | 532405 | 1 |
| 15 | PIN, 16X65/53-A4 | 532408-1 | 1 |
| 16 | WASHER, 17 FLAT ZINC | F81058-1 | 1 |
| 17 | PIN, S-ZN, 4 X 25 COTTER | F81043-2 | 1 |
| 18 | PART, NEW | 535390-1 ³ | 1 |
| | PART, NEW | 535391-1 ⁴ | 1 |
| 19 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 4 |
| 20 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 4 |

¹ Included in assy No. 544681

- ² Included in assy No. 544688
- ³ Included in assy No. 544681
- ⁴ Included in assy No. 544681

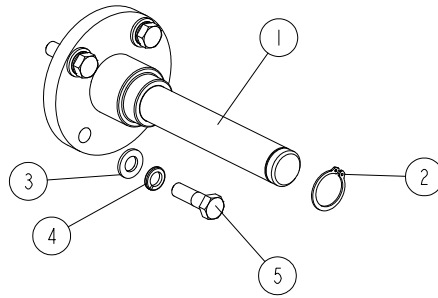
3.9 Hold-Down Roller (544684)

544684_001
544684

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | ROLLER, COMPLETE/2 | 544684 | 1 |
| 1 | TUBE, ROLLER W/DISKS/2 | 540235-1 | 1 |
| 2 | SHAFT, HOLD-DOWN ROLLER | 544685 | 1 |
| 3 | ELEMENT, CLAMPEX KTR 400-50X80 CLAMPING | 540239 | 2 |
| 4 | BEARING, UCFC 208 W/HOUSING | 532121 | 2 |
| 5 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 6 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 8 |
| 7 | BOLT, M12X45-8.8 HEX HEAD ZINC | F81004-32 | 8 |
| 8 | RING, Z40 PN-81/M-85111 OUTSIDE RETAININ | F81090-33 | 1 |
| 9 | KEY, AB 12X8 60 PARALLEL | 532291 | 1 |
| 10 | WASHER, 50X10.5-5 | 524023-1 | 1 |
| 11 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 1 |
| 12 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZI | F81003-11 | 1 |

3.10 Intermediate Shaft (528990)

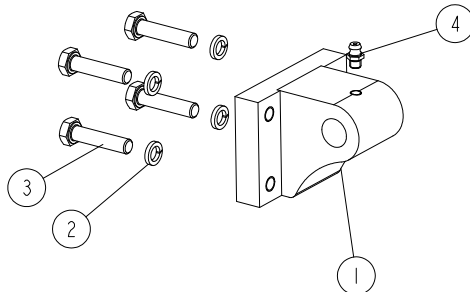
528990_001
528990_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | SHAFT, COMPLETE INTERMEDIATE | 528990 | 1 |
| 1 | SHAFT WELDMENT, INTERMEDIATE | 532271-1 | 1 |
| 2 | RING, 30Z OUTSIDE RETAINING | F81090-23 | 1 |
| 3 | WASHER, 13 FLAT ZINC | F81056-1 | 4 |
| 4 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 4 |
| 5 | BOLT, M12X40-8.8 HEX HEAD | F81004-1 | 4 |

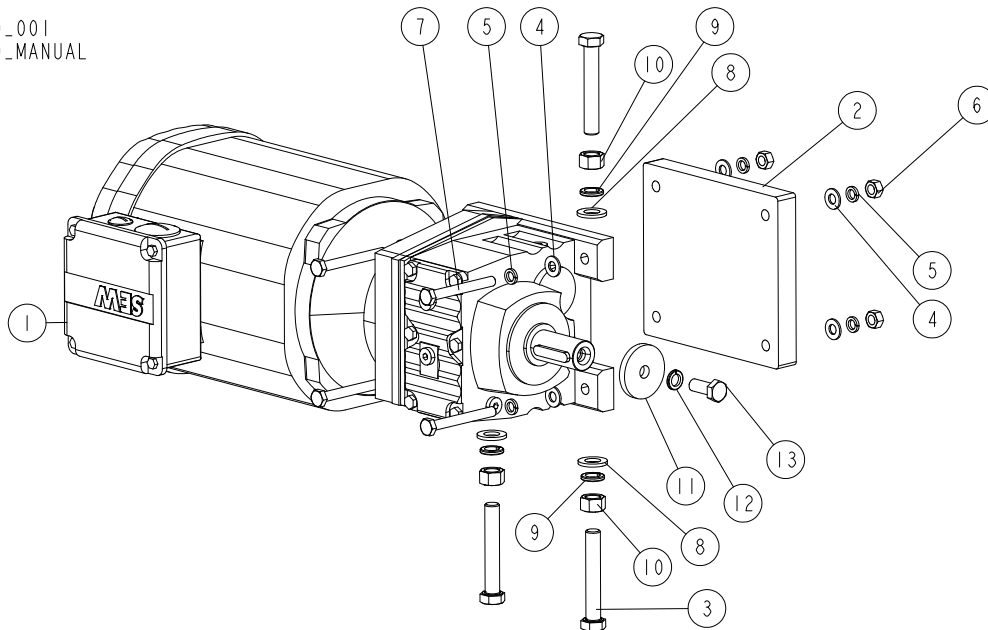
3.11 Pneumatic Cylinder Bracket (532407)

532407_001
532407_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | BRACKET, PNEUMATIC CYLINDER - COMPLETE | 532407 | 2 |
| 1 | BRACKET, COMPLETE | 532406-1 | 1 |
| 2 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 4 |
| 3 | BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZINC | F81002-13 | 4 |
| 4 | FITTING, M6 GREASE | 086280 | 1 |

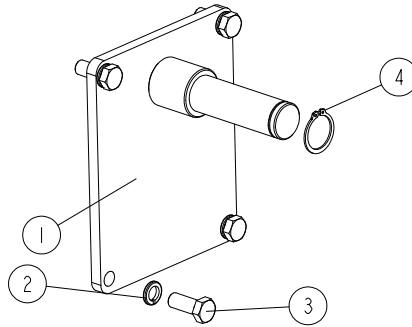
3.12 Motoreducer (532410)

532410_001
532410_MANUAL

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | MOTOREDUCER, COMPLETE | 532410 | 1 |
| 1 | MOTOREDUCER, SEW | 716731 | 1 |
| 2 | PLATE, MOTOREDUCER MOUNT | 528953-1 | 1 |
| 3 | BOLT, M12X75-8.8 HEX HEAD ZINC | F81004-21 | 3 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 5 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 8 |
| 6 | NUT, M8-8-B HEX ZINC | F81032-1 | 4 |
| 7 | BOLT, M8X70-8.8 HEX HEAD ZINC | F81002-71 | 4 |
| 8 | WASHER, 13 FLAT ZINC | F81056-1 | 3 |
| 9 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 3 |
| 10 | NUT, M12-8 HEX ZINC | F81034-1 | 3 |
| 11 | WASHER, 10.5/45-6 ZINC-PLATED | 086286-1 | 1 |
| 12 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 1 |
| 13 | BOLT, M10X25 8.8 HEX HEAD FULL THREAD ZINC | F81003-11 | 1 |

3.13 Belt Routing Pulley Mount (532422)

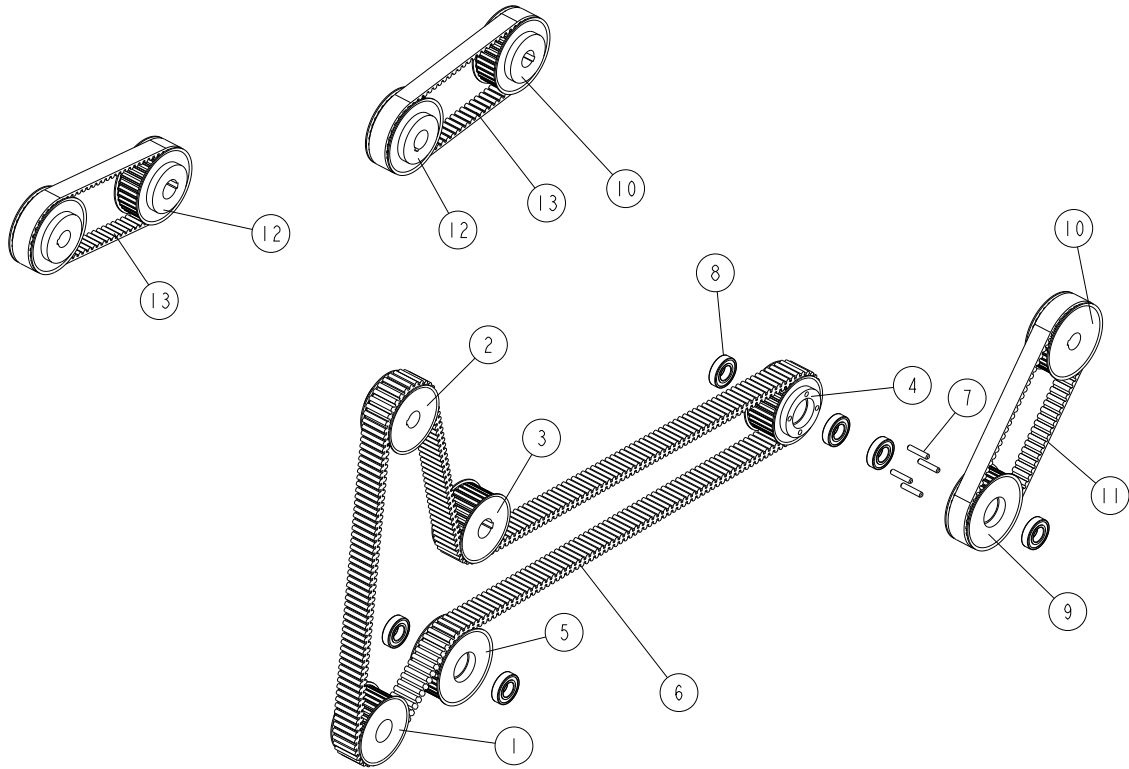
532422_001
532422_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | PLATE, BELT ROUTING PULLEY MOUNT - COMPLETE | 532422 | 1 |
| 1 | PLATE, BELT ROUTING PULLEY MOUNT | 528997-1 | 1 |
| 2 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 4 |
| 3 | BOLT, M12X30 8.8 HEX HEAD FULL THREAD ZINC | F81004-22 | 4 |
| 4 | RING, 30Z OUTSIDE RETAINING | F81090-23 | 1 |

3.14 Drive Assembly (544689)

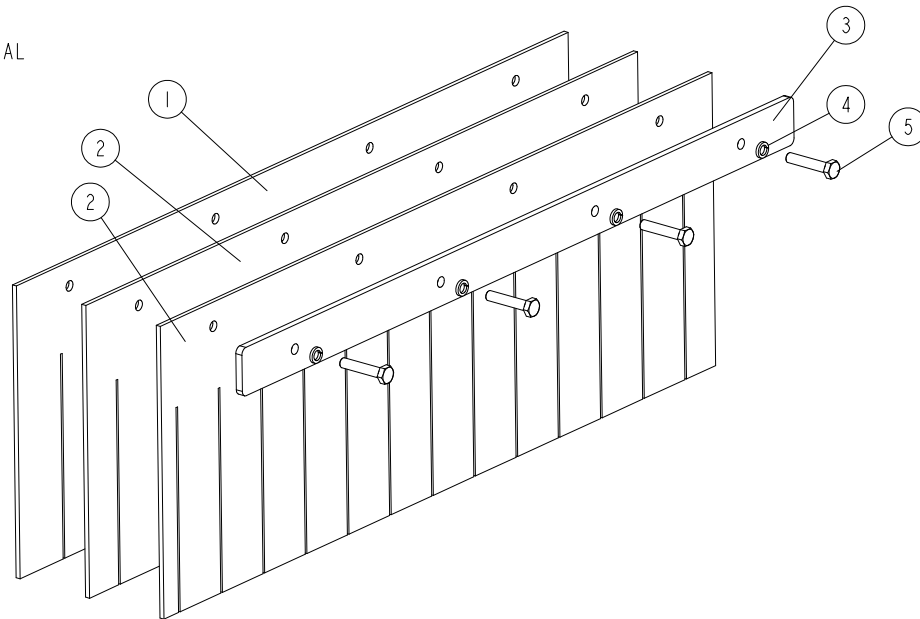
544689_001
544689



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|--------|-----|
| - | DRIVE ASSEMBLY | 544689 | 1 |
| 1 | PULLEY, HTD 30-14M-55 2F TIMING (MOTORED) | 532412 | 1 |
| 2 | PULLEY, HTD 30-14M-55 2F TIMING (OUTPUT | 532413 | 1 |
| 3 | PULLEY, HTD30-14M-55 2F TIMING (BOTTOM F | 532414 | 1 |
| 4 | PULLEY, HTD 30-14M-55 2F TIMING (1) | 532415 | 1 |
| 5 | PULLEY, HTD34-14M-55 2F TIMING | 532421 | 1 |
| 6 | BELT, HTD14M TIMING TOOTHED | 532423 | 1 |
| 7 | PIN, HARDENED ROLL | 532426 | 4 |
| 8 | BEARING, 6206 2RSR P6 ROLLING | 100787 | 6 |
| 9 | PULLEY, HTD 34-14M-40 2F TIMING (2) | 532417 | 1 |
| 10 | PULLEY, HTD 34-14M-30 2F TIMING (OUTPUT | 532418 | 3 |
| 11 | BELT, HTD 14M TOOTHED | 532428 | 1 |
| 12 | PULLEY, HTD 34-14M-40 2F TIMING (OUTPUT | 532419 | 2 |
| 13 | BELT, HTD 14M TIMING | 532424 | 2 |

3.15 Curtain Set (532860)

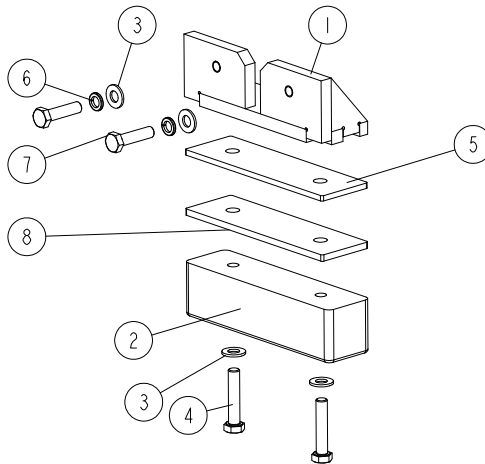
532860_001
532860_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | CURTAIN SET | 532860 | 1 |
| 1 | CURTAIN, PLASTIC | 532853 | 1 |
| 2 | CURTAIN, PLASTIC 1/3 | 532854 | 2 |
| 3 | BAR, CURTAIN MOUNT | 532855-1 | 1 |
| 4 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 4 |
| 5 | BOLT, M8X40-8.8 HEX HEAD FULL THREAD ZINC | F81002-15 | 4 |

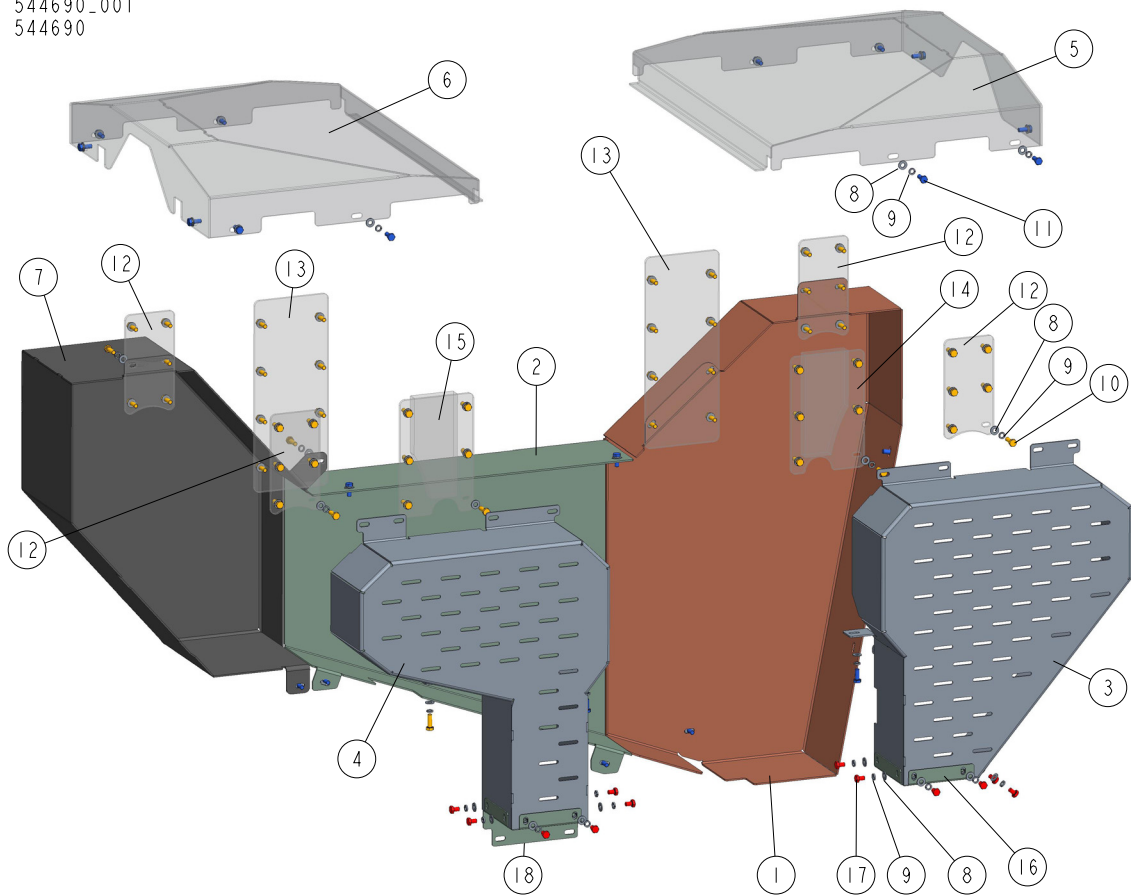
3.16 Hold-Down Roller Bumper (533854)

533854_001
533854_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | BUMPER, COMPLETE | 533854 | 2 |
| 1 | BUMPER WELDMENT | 533856-1 | 1 |
| 2 | BLOCK, RUBBER BUMPER | 089717 | 1 |
| 3 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 4 | BOLT, M10X50-8.8 HEX HEAD FULL THREAD ZINC | F81003-4 | 2 |
| 5 | PLATE (1) | 533851-1 | 1 |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 2 |
| 7 | BOLT, M10X40-8.8 HEX HEAD FULL THREAD ZINC | F81003-16 | 2 |
| 8 | PLATE (2) | 534132-1 | 1 |

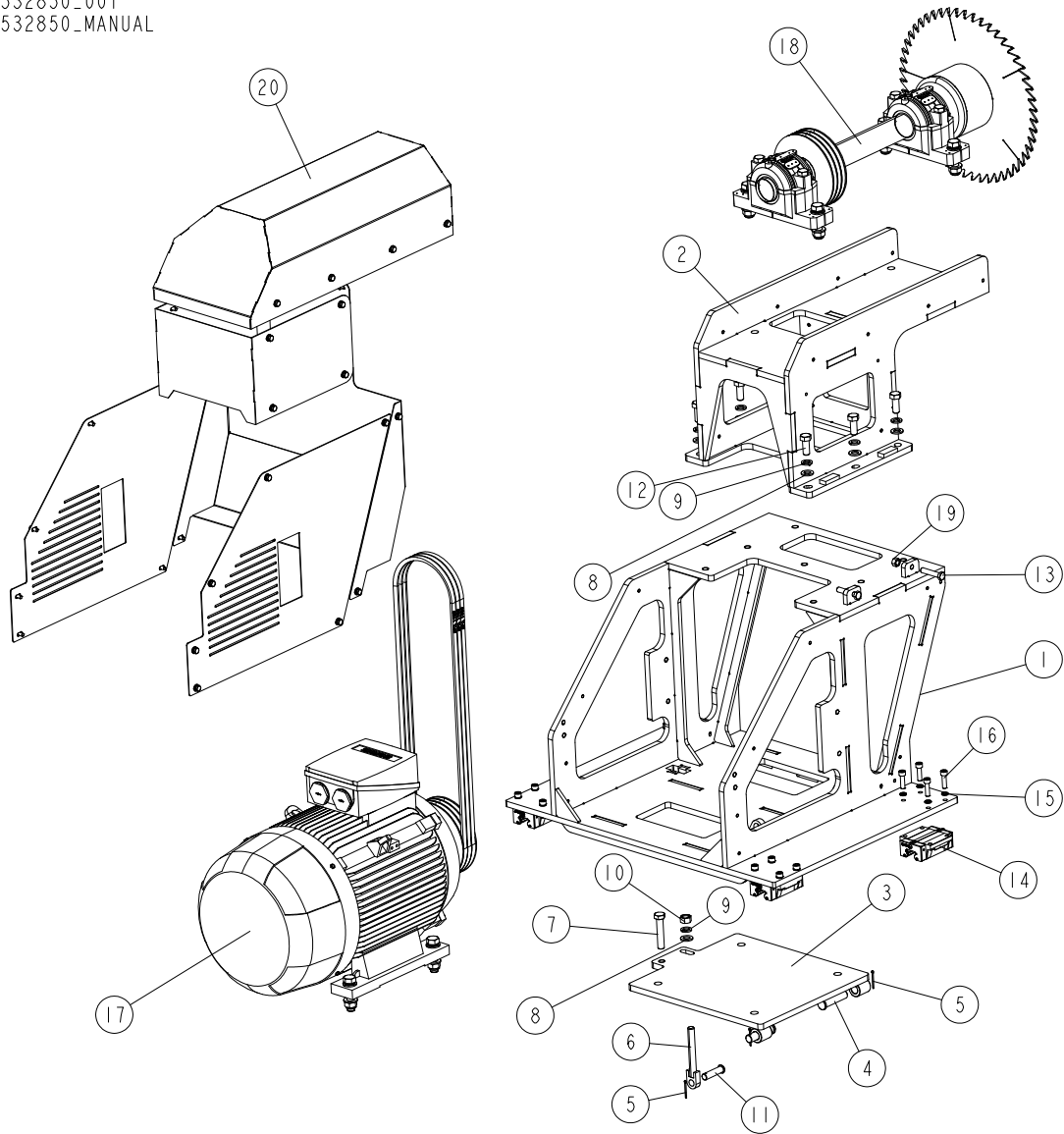
3.17 Guards & Covers (544690)

544690_001
544690

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | GUARD/COVER SET | 544690 | 1 |
| 1 | GUARD, BELT (1) | 544707-1 | 1 |
| 2 | GUARD, BELT (2) | 544691-1 | 1 |
| 3 | COVER SIDE 1 | 544731-1 | 1 |
| 4 | COVER SIDE 2 | 544733-1 | 1 |
| 5 | COVER, TOP | 544696-1 | 1 |
| 6 | COVER, TOP | 544699-1 | 1 |
| 7 | GUARD, BELT (3) | 532429-1 | 1 |
| 8 | WASHER, 8.4 FLAT ZINC | F81054-1 | 87 |
| 9 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 83 |
| 10 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD Z | F81002-5 | 53 |
| 11 | BOLT, M8X20 5.8 HEX HEAD FULL THREAD ZIN | F81002-1 | 22 |
| 12 | PLATE, COVER (1) | 528975-1 | 4 |
| 13 | PLATE, COVER (2) | 528977-1 | 2 |
| 14 | PLATE, COVER | 544728-1 | 1 |
| 15 | PLATE, COVER | 544726-1 | 1 |
| 16 | COVER BOTTOM 1 | 544735-1 | 1 |
| 17 | BOLT, M8X12-8.8 HEX HEAD FULL THREAD ZIN | F81002-6 | 12 |
| 18 | COVER BOTTOM 2 | 544736-1 | 1 |

3.18 Moving Assembly (532850, 532440)

532850_001
532850_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | MOVING ARBOR ASSEMBLY (LEFT SIDE - MACHINE FLOW) | 532850 | 1 |
| - | MOVING ARBOR ASSEMBLY (RIGHT SIDE - MACHINE FLOW) | 532440 | 1 |
| 1 | FRAME WELDMENT, MOTOR | 532437-1 | 1 |
| 2 | FRAME WELDMENT, ARBOR | 532439-1 | 1 |
| 3 | PLATE, MOTOR MOUNT | 532438-1 | 1 |
| 4 | PIN, 20X85/75-A4 | 532441 | 2 |
| 5 | PIN, S-ZN 4X25 COTTER | F81043-2 | 3 |
| 6 | TENSIONER | 529092-1 | 1 |
| 7 | BOLT, M16X80-8.8 HEX HEAD FULL THREAD ZINC | F81006-11 | 1 |
| 8 | WASHER, 17 SPLIT LOCK ZINC | F81058-1 | 8 |
| 9 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 8 |
| 10 | NUT, M16-8 HEX ZINC | F81036-1 | 1 |
| 11 | PIN, 16X65/55-A4 | 532442 | 1 |

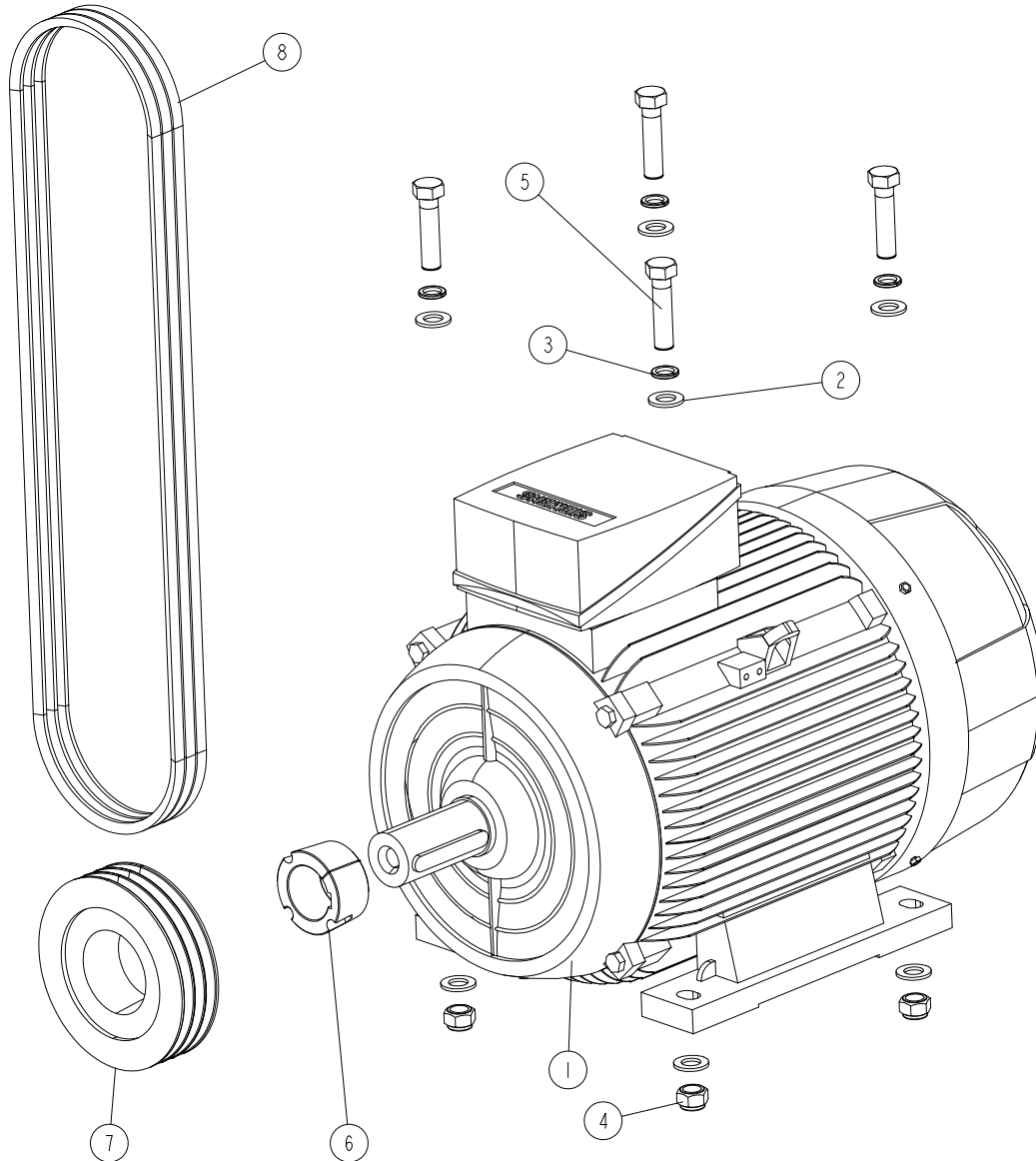
| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY | |
|------|--|---------------------|-----|--|
| 12 | BOLT, M16X40-8.8 HEX HEAD FULL THREAD ZINC | F81006-13 | 7 | |
| 13 | BOLT, M12X60-8 -8.8 HEX HEAD FULL THREAD ZINC | F81004-51 | 2 | |
| 14 | RUNNERBLOCK, HGW35CC Z0 C ZZC LINEAR | 532443 | 4 | |
| 15 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 16 | |
| 16 | SCREW, M10X35-8.8 HEX SOCKET HEAD CAP ZINC | F81003-56 | 16 | |
| 17 | DRIVE ASSEMBLY, BLADE See Section 3.19 | 532444 | 1 | |
| 18 | LEFT ARBOR ASSEMBLY See Section 3.20 | 532852 ¹ | 1 | |
| | RIGHT ARBOR ASSEMBLY See Section 3.20 | 532445 ² | 1 | |
| 19 | NUT, M12-8 HEX ZINC | F81034-1 | 2 | |
| 20 | HOUSING, ARBOR/MOTOR - COMPLETE See Section 3.23 | 532605 | 1 | |

¹ Included in assy # 532850

² Included in assy # 532440

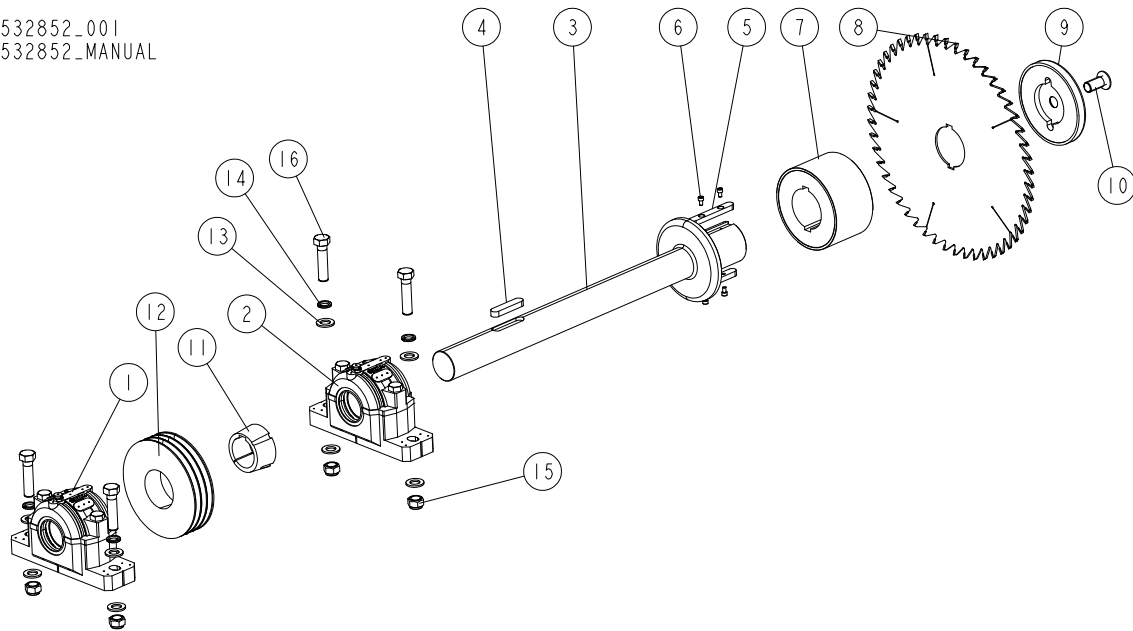
3.19 Blade Drive Assembly (532444)

532444_001
532444_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | DRIVE ASSEMBLY, BLADE | 532444 | 1 |
| 1 | MOTOR, 30KW SIEMENS | 716714 | 1 |
| 2 | WASHER, 19 FLAT ZINC | F81060-1 | 8 |
| 3 | WASHER, 18.2 SPLIT LOCK ZINC | F81060-3 | 4 |
| 4 | NUT, M18 HEX NYLON LOCK | F81039-15 | 4 |
| 5 | BOLT, M18X75-8.8 HEX HEAD FULL THREAD ZINC | F81008-5 | 4 |
| 6 | BUSHING, TAPER LOCK TYPE 2517 FI55 | 529096 | 1 |
| 7 | PULLEY FOR V-BELT & TAPER LOCK SPA190X3 | 529074 | 1 |
| 8 | V-BELT, XPA 1900 | 529097 | 3 |

3.20 Arbor Assemblies (532852, 532445)

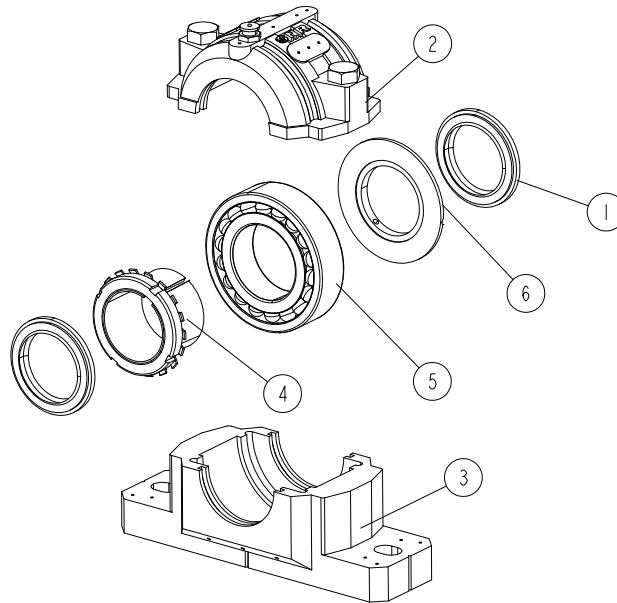
532852-001
532852-MANUAL

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY | |
|------|--|------------------------|-----|--|
| - | ARBOR ASSEMBLY - RIGHT | 532852 | 1 | |
| - | ARBOR ASSEMBLY - LEFT | 532445 | 1 | |
| 1 | HOUSING, SNR-SNC 513 PLUMMER BLOCK - COMPLETE (1) See Section 3.21 | 529068 | 1 | |
| 2 | HOUSING, SNR-SNC 513 (FIX) PLUMMER BLOCK - COMPLETE (2) See Section 3.22 | 529060 | 1 | |
| 3 | SHAFT, ARBOR - RIGHT | 532851-1 ¹ | 1 | |
| | SHAFT, ARBOR - LEFT | 529069-1 ² | 1 | |
| 4 | KEY, A18X11X78 PN/M85005 PARALLEL | 532446 | 1 | |
| 5 | KEY, A16X10X110 PARALLEL SPECIAL | 532447 | 2 | |
| 6 | SCREW, M6X10 8.8 HEX SOCKET HEAD CAP ZINC | F81001-12 | 4 | |
| 7 | SPACER | 529070-1 | 1 | |
| 8 | CIRCULAR SAW BLADE-450 DIA. 50T 80 BORE 3.8 BODY 5.8 KERF 5X60MM STROBES | 529071 | 1 | |
| 9 | CAP, ARBOR | 529072-1 | 1 | |
| 10 | SCREW, M20X45-A4 (90) DIN7991 FLAT SOCKET HEAD CAP (RIGHT FULL THREAD) | F81007-37 ³ | 1 | |
| | SCREW, M20X45-A4 (90) DIN7991 FLAT SOCKET HEAD CAP (LEFT FULL THREAD) | F81007-33 ⁴ | 1 | |
| 11 | BUSHING, TAPER LOCK TYPE 2517 FI60 | 529073 | 1 | |
| 12 | PULLEY FOR V-BELT & TAPER LOCK SPA190X3 | 529074 | 1 | |
| 13 | WASHER, 19 FLAT ZINC | F81060-1 | 8 | |
| 14 | WASHER, 18.2 SPLIT LOCK ZINC | F81060-3 | 4 | |
| 15 | NUT, M18 HEX NYLON LOCK | F81039-15 | 4 | |
| 16 | BOLT, M18X75-8.8 HEX HEAD FULL THREAD ZINC | F81008-5 | 4 | |

¹ Included in assy # 532852² Included in assy # 532445³ Included in assy # 532852⁴ Included in assy # 532445

3.21 Plummer Block Housing (Part No. 529068)

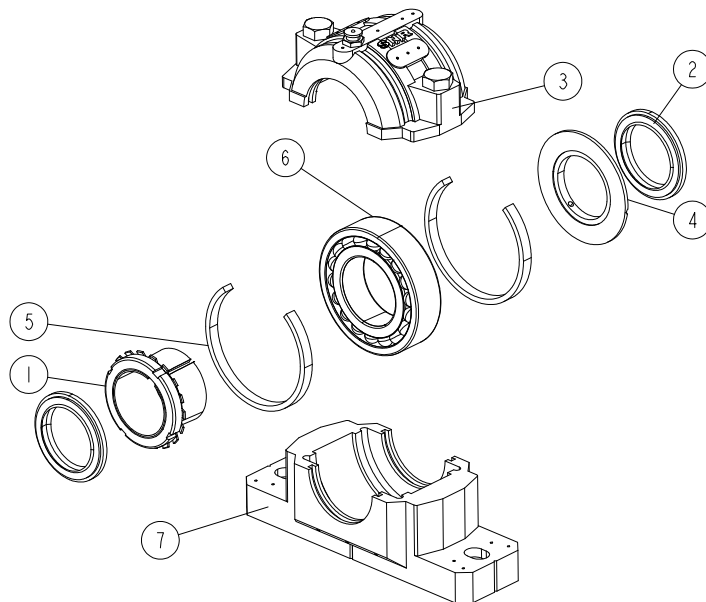
529068_001
529068_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|--------|-----|
| - | HOUSING, SNR-SNC 513 PLUMMER BLOCK - COMPLETE (1) | 529068 | 1 |
| 1 | SEAL, SC 513 DS | 529063 | 2 |
| 2 | HOUSING, SNR-SNC 513 PLUMMER BLOCK - UPPER SECTION | 529062 | 1 |
| 3 | HOUSING, SNR-SNC 513 PLUMMER BLOCK - LOWER SECTION | 529061 | 1 |
| 4 | SLEEVE, H313 ADAPTER | 529066 | 1 |
| 5 | BEARING, 2213 K | 529065 | 1 |
| 6 | DISC, RDC 513 REGULATION | 529064 | 1 |

3.22 Plummer Block Housing (Part No. 529060)

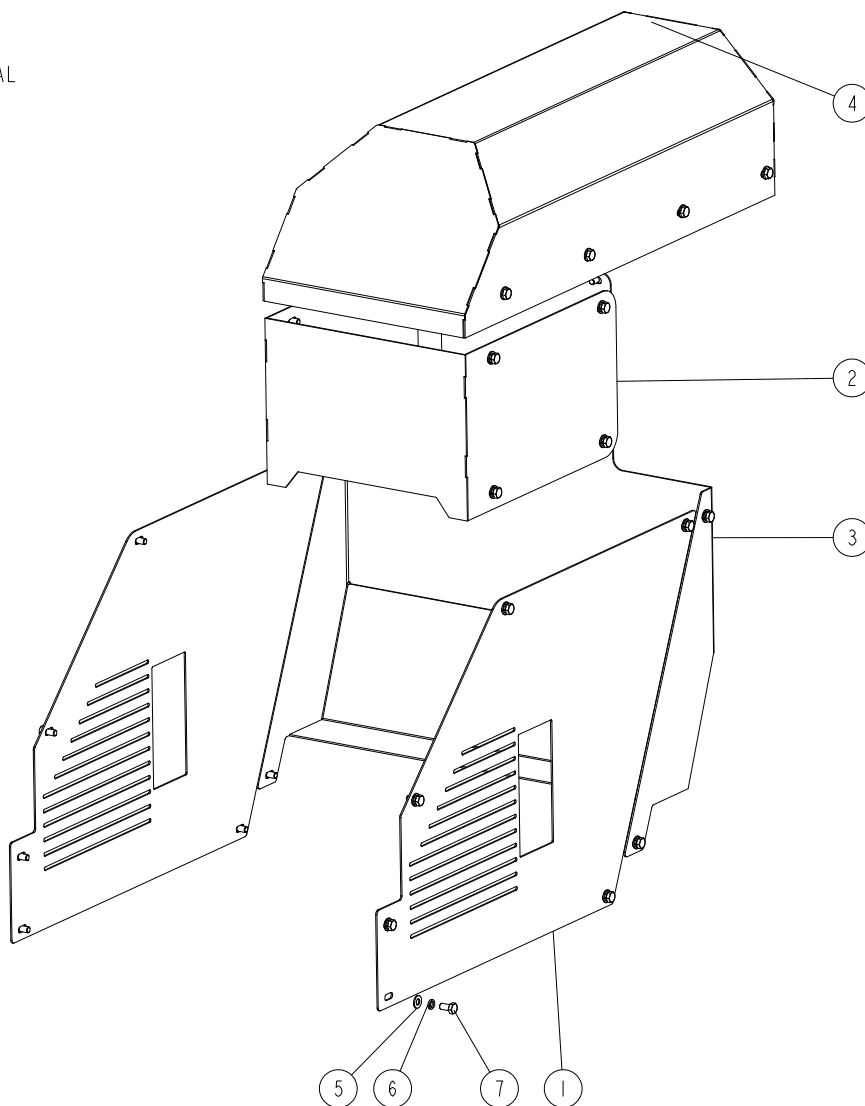
529060_001
529060_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|--------|-----|
| - | HOUSING, SNR-SNC 513 (FIX) PLUMMER BLOCK - COMPLETE (2) | 529060 | 1 |
| 1 | SLEEVE, H313 ADAPTER | 529066 | 1 |
| 2 | SEAL, SC 513 DS | 529063 | 2 |
| 3 | HOUSING, SNR-SNC 513 PLUMMER BLOCK - UPPER SECTION | 529062 | 1 |
| 4 | DISC, RDC 513 REGULATION | 529064 | 1 |
| 5 | RING, FR 120X10 FIXING | 529067 | 2 |
| 6 | BEARING, 2213 K | 529065 | 1 |
| 7 | HOUSING, SNR-SNC 513 PLUMMER BLOCK - LOWER SECTION | 529061 | 1 |

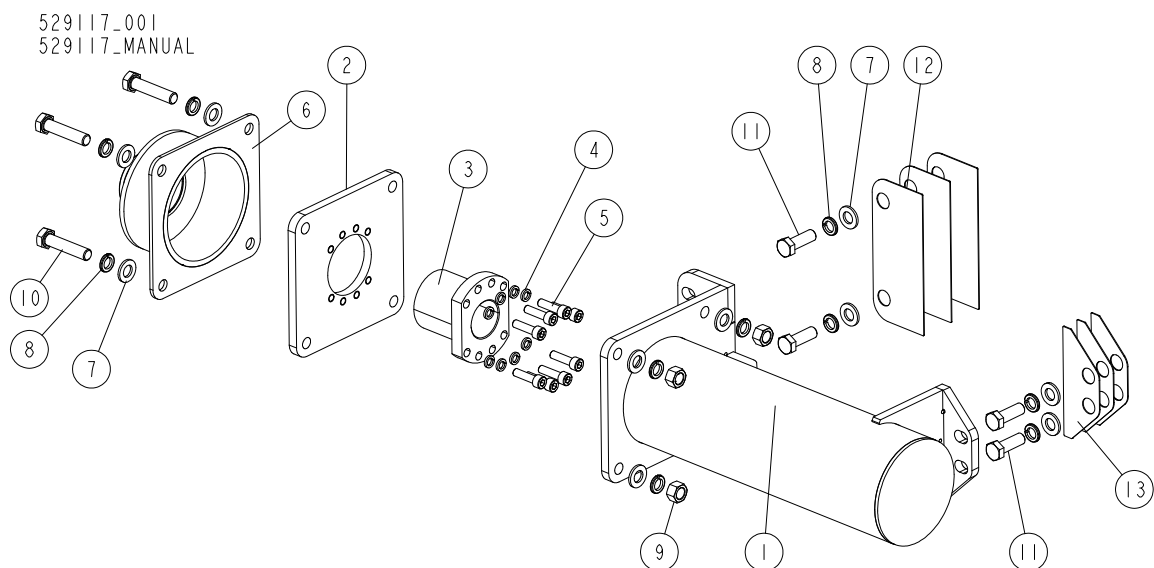
3.23 Arbor/Motor Housing (532605)

532605_001
532605_MANUAL



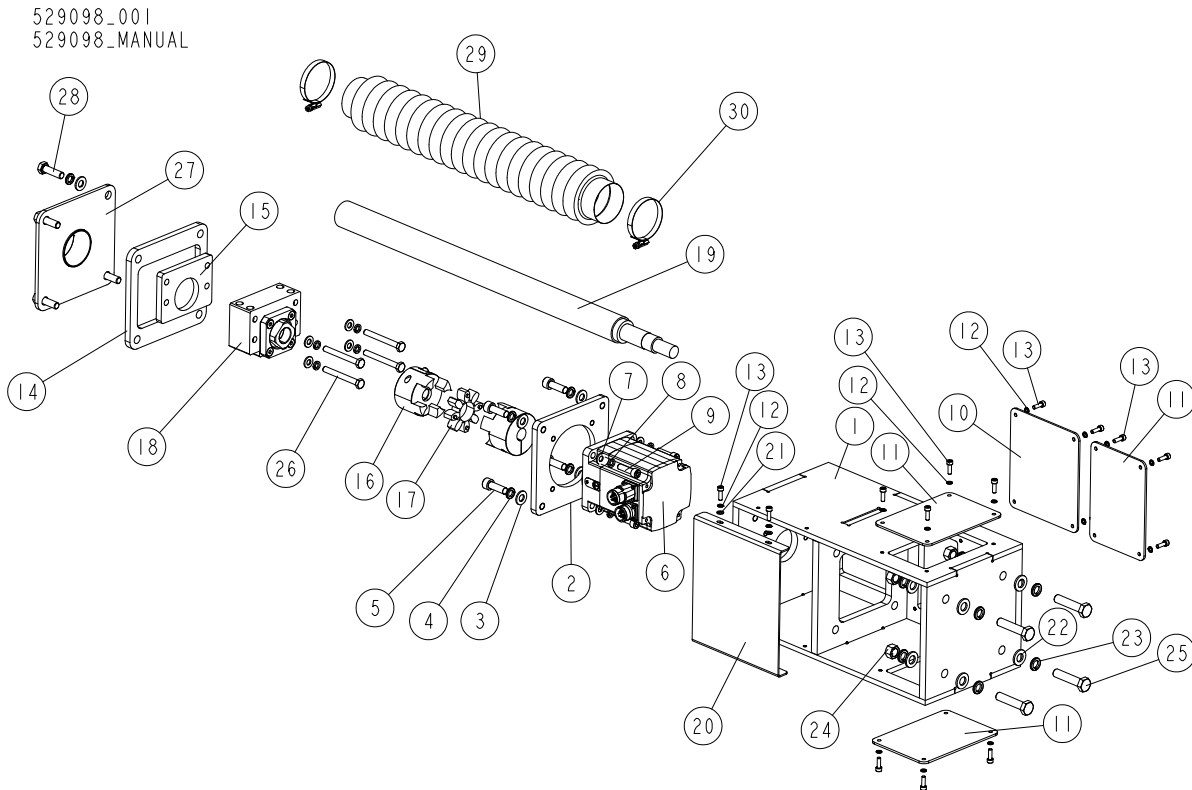
| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART NO. | QTY |
|------|--|-----------|-----|
| - | HOUSING, ARBOR/MOTOR - COMPLETE | 532605 | 1 |
| 1 | PLATE, SIDE | 532448-1 | 2 |
| 2 | PLATE WELDMENT, UPPER | 533156-1 | 1 |
| 3 | PLATE WELDMENT, LOWER | 532450-1 | 1 |
| 4 | COVER, TOP | 533710-1 | 1 |
| 5 | WASHER, 8.4 FLAT ZINC | F81054-1 | 36 |
| 6 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 36 |
| 7 | BOLT, M8X16-8.8-B HEX HEAD FULL THREAD ZINC | F81002-20 | 36 |

3.24 Servo Drive (529117)



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | SERVO DRIVE (2ND PART) Ball Screw Nut and Housing | 529117 | 2 |
| 1 | TUBE WELDMENT, BALLSCREW COVER | 529118-1 | 1 |
| 2 | PLATE, BALLSCREW NUT MOUNT | 529126-1 | 1 |
| 3 | NUT, BALLSCREW | 529127 | 1 |
| 4 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 8 |
| 5 | SCREW, M8X30 8.8 HEX SOCKET HEAD CAP ZINC | F81002-31 | 8 |
| 6 | TUBE WELDMENT, CLAMP - COMPLETE | 529129-1 | 1 |
| 7 | WASHER, 13 FLAT ZINC | F81056-1 | 12 |
| 8 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 12 |
| 9 | NUT, M12-8 HEX ZINC | F81034-1 | 4 |
| 10 | BOLT, M12X55-8.8 HEX HEAD ZINC | F81004-12 | 4 |
| 11 | BOLT, M12X35 8.8 HEX HEAD FULL THREAD ZINC | F81004-24 | 4 |
| 12 | WASHER (1) | 534150-1 | 3 |
| 13 | WASHER (2) | 534149-1 | 3 |

3.25 Servo Drive (529098)

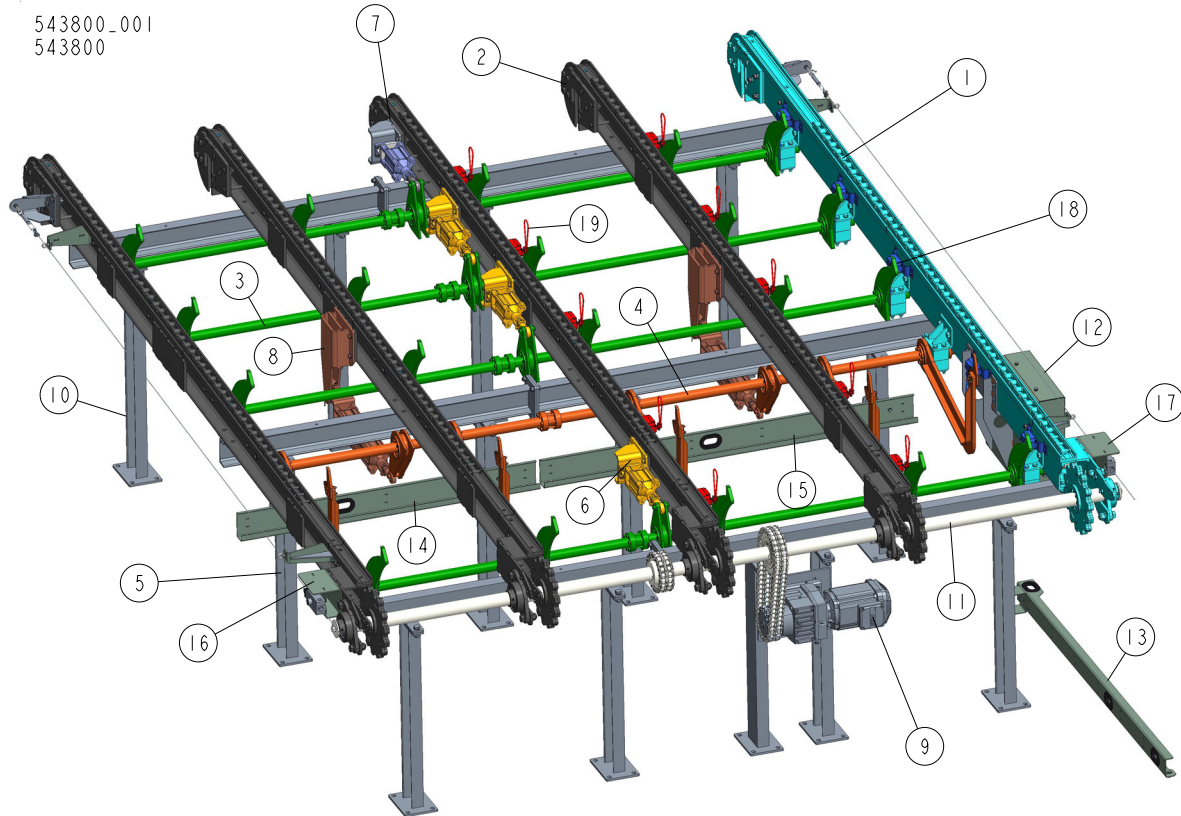


| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|------------|-----|
| - | SERVO DRIVE (1ST PART) Servo Motor & Ball Screw | 529098 | 2 |
| 1 | HOUSING, SERVO DRIVE | 529099-1 | 1 |
| 2 | PLATE, SERVO MOUNT | 529105-1 | 1 |
| 3 | WASHER, 10.5 FLAT ZINC | F81055-1 | 8 |
| 4 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 8 |
| 5 | SCREW, M10X30 8.8 HEX SOCKET HEAD CAP ZINC | F81003-110 | 4 |
| 6 | SERVO MOTOR-1KW BMH1001P02A1A | 716896 | 1 |
| 7 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 8 | WASHER, 8.2 SPLIT LOCK ZINC | F81054-4 | 8 |
| 9 | SCREW, M8X30-8.8 HEX SOCKET HEAD CAP ZINC | F81002-31 | 4 |
| 10 | PLATE, SERVO COVER (1) | 529115-1 | 1 |
| 11 | PLATE, SERVO COVER (2) | 532606-1 | 3 |
| 12 | WASHER, 5.1 SPLIT LOCK | F81052-2 | 18 |
| 13 | SCREW, M5X16-8.8 HEX SOCKET HEAD CAP ZINC | F81000-25 | 18 |
| 14 | PLATE, FRONT COVER | 529109-1 | 1 |
| 15 | PLATE, SERVO SPACER | 529107-1 | 1 |
| - | COUPLING, TRASCO GESM 28/38 F119 FLEXIBLE | 533846 | 1 |
| 16 | HUB, HABERKORN N02885 COUPLING | 529114 | 2 |
| 17 | SPIDER, HABERKORN F11452 COUPLING | 533824 | 1 |
| 18 | BEARING BLOCK, BK25 | 529106 | 1 |
| 19 | SCREW, BALL | 532607 | 1 |
| 20 | PLATE, SERVO DRIVE COVER | 532608-1 | 1 |
| 21 | WASHER, 5.3 FLAT ZINC | F81052-1 | 2 |

| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY | |
|------|--|-----------|-----|--|
| 22 | WASHER, 13 FLAT ZINC | F81056-1 | 8 | |
| 23 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 8 | |
| 24 | NUT, M12-8 HEX ZINC | F81034-1 | 4 | |
| 25 | BOLT, M12X55-8.8 HEX HEAD ZINC | F81004-12 | 4 | |
| 26 | BOLT, M8X70-8.8 HEX HEAD ZINC | F81002-71 | 4 | |
| 27 | TUBE WELDMENT, BELLOWS MOUNT | 532610-1 | 1 | |
| 28 | BOLT, M10X35 8.8 HEX HEAD FULL THREAD ZINC | F81003-17 | 4 | |
| 29 | BELLOWS, 60/520 PROTECTIVE | 514918 | 1 | |
| 30 | CLAMP, 50-70, DIN 3017 WORM | F81095-6 | 2 | |

SECTION 4 EA3000 LONG CONVEYOR. 543800

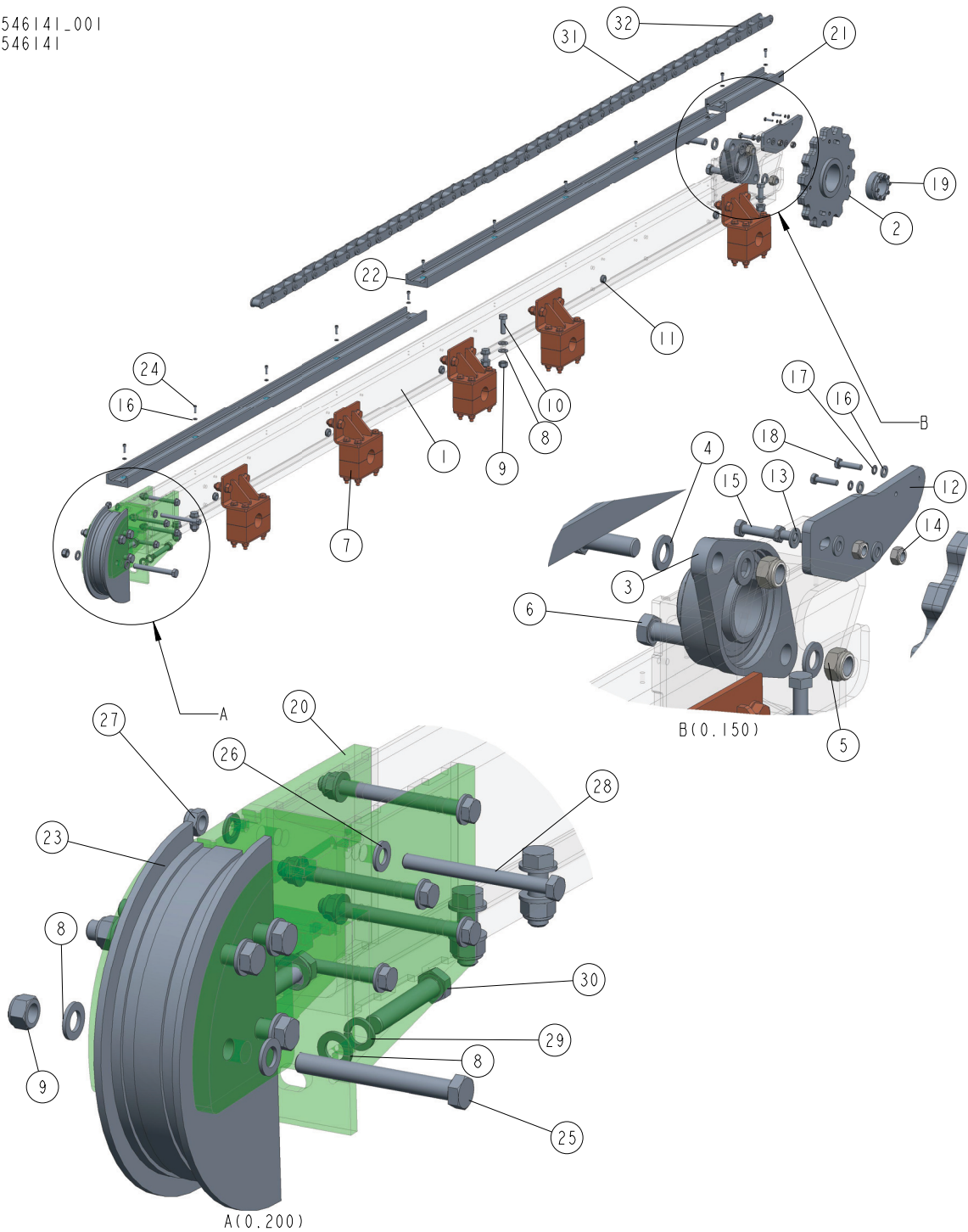
4.1 Long Conveyor. 543800



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|--------|-----|
| - | CONVEYOR COOPER-MARINE | 543800 | 1 |
| 1 | TRANSPORT ASSEMBLY II See Section 4.2 | 546141 | 1 |
| 2 | TRANSPORT ASSEMBLY I See Section 4.4 | 546133 | 4 |
| 3 | SHAFT, HOOK See Section 4.5 | 546145 | 4 |
| 4 | FLIPPER ASSEMBLY I See Section 4.6 | 546147 | 1 |
| 5 | CROSSBEAM COMPLETE See Section 4.9 | 543804 | 1 |
| 6 | CYLINDER, PNEUMATIC W/BRACKET See Section 4.10 | 546148 | 3 |
| 7 | CYLINDER, PNEUMATIC W/BRACKET See Section 4.11 | 543795 | 1 |
| 8 | CYLINDER, PNEUMATIC W/BRACKET See Section 4.13 | 546154 | 2 |
| 9 | CROSSBEAM COMPLETE II See Section 4.15 | 543805 | 1 |
| 10 | CROSSBEAM COMPLETE III See Section 4.16 | 543811 | 1 |
| 11 | SHAFT, DRIVE COMPLETE See Section 4.17 | 543824 | 1 |
| 12 | BOX PNEUMATIC See Section 4.18 | 546155 | 1x |
| 13 | CROSSCHANNEL See Section 4.20 | 546157 | 1 |
| 14 | CHANNEL COMPLETE I See Section 4.21 | 546160 | 1 |
| 15 | CHANNEL COMPLETE II See Section 4.22 | 546162 | 1 |
| 16 | SWITCH ASSEMBLY, CABLE PULL EMERGENCY RIGHT See Section 4.23 | 543831 | 1 |
| 17 | SWITCH ASSEMBLY, CABLE PULL EMERGENCY LEFT See Section 4.24 | 543829 | 1 |
| 18 | LIMIT SWITCH ASSEMBLY II See Section 4.25 | 536561 | 5 |
| 19 | LIMIT SWITCH ASSEMBLY I See Section 4.26 | 536552 | 10 |

4.2 Transport Assembly (546141)

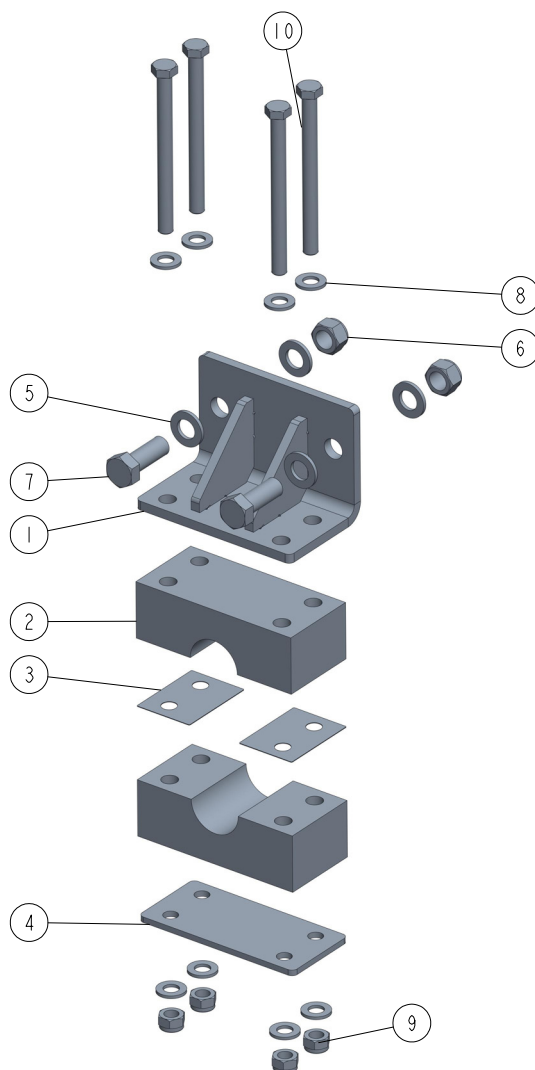
546141_001
546141



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|----------|-----|
| - | TRANSPORT ASSEMBLY II | 546141 | 1 |
| 1 | CHANNEL, TRANSPORT ASSEMBLY II | 546142-1 | 1 |
| 2 | SPROCKET, 81X Z14 | 532767-1 | 1 |
| 3 | BEARING, UCFL 212 W/HOUSING | 529148 | 1 |
| 4 | WASHER, 21 FLAT ZINC | F81059-2 | 4 |

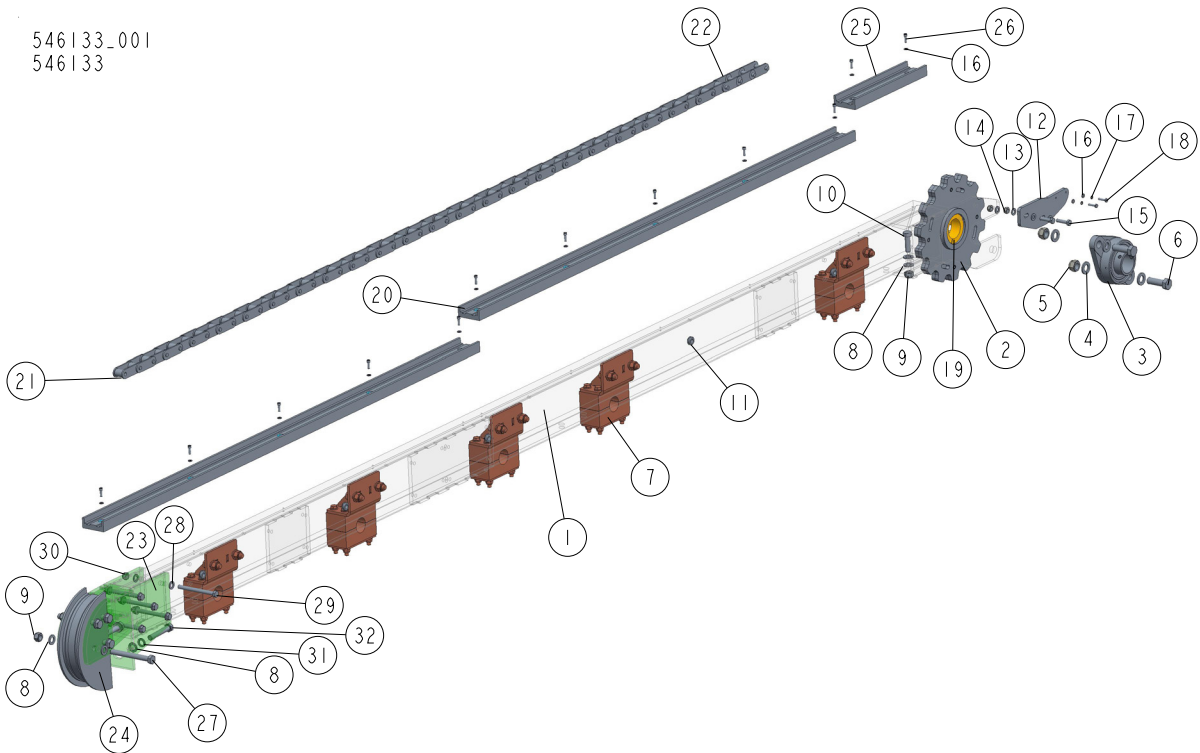
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| 5 | NUT, M20-8 DIN985 HEX NYLON ZINC LOCK | F81037-2 | 2 |
| 6 | BOLT, M20X60-8.8 HEX HEAD ZINC | F81007-7 | 2 |
| 7 | BRACKET, SHAFT COMPLETE See Section 4.26 | 536522 | 5 |
| 8 | WASHER, 17 FLAT ZINC | F81058-1 | 22 |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 10 |
| 10 | BOLT, M16 X 50-8.8 HEX HEAD | F81006-7 | 6 |
| 11 | GROMMET, 20/13 RUBBER | 086188 | 5 |
| 12 | PLATE | 543801-1 | 1 |
| 13 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 14 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 2 |
| 15 | BOLT, M10 X 40-8.8 HEX HEAD FULL THREAD | F81003-16 | 2 |
| 16 | WASHER, 6.4 FLAT ZINC | F81053-1 | 14 |
| 17 | WASHER, Z 6.1 SPLIT LOCK | F81053-3 | 2 |
| 18 | BOLT, M6X25-5.8 HEX HEAD FULL THREAD ZIN | F81001-3 | 2 |
| 19 | SLEEVE, BK13 60X90 CLAMPING | 533417 | 1 |
| 20 | LINK | 543799-1 | 1 |
| 21 | GUIDE 81X L=357 CHAIN | 543825 | 1 |
| 22 | GUIDE, 81X L=1872 CHAIN | 543826 | 2 |
| 23 | PROFILE, CONVEYOR CHAIN GUIDE | 529155 | 1 |
| 24 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 12 |
| 25 | BOLT, M16X140-8.8 HEX HEAD ZINC | F81006-4 | 4 |
| 26 | WASHER, 13 FLAT ZINC | F81056-1 | 10 |
| 27 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 5 |
| 28 | BOLT, M12X130-8.8-HEX HEAD ZINC | F81004-36 | 5 |
| 29 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 2 |
| 30 | BOLT, M16 X 90-8.8 HEX HEAD ZINC | F81006-17 | 2 |
| - | CHAIN 81X COMPLETE | 546140 | 1 |
| 31 | CHAIN 81X, LINKS (L=MM) | 546139 | 1 |
| 32 | LINK, 81X MASTER | 719077 | 3 |

4.3 Shaft Bracket (No. 536522)

536522_001
536522_MANUAL

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BRACKET, SHAFT COMPLETE | 536522 | 1 |
| 1 | BRACKET, BEARING | 536519-1 | 1 |
| 2 | BEARING | 536521 | 2 |
| 3 | PLATE, DISTANCE | 540070 | 2 |
| 4 | PLATE 70X150X5 | 536523-1 | 1 |
| 5 | WASHER, 17 SPLIT LOCK ZINC | F81058-1 | 4 |
| 6 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 2 |
| 7 | BOLT, M16X45-8.8 HEX HEAD FULL THREAD ZI | F81006-46 | 2 |
| 8 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 9 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 4 |
| 10 | BOLT M12X140-8.8 | F81004-35 | 4 |

4.4 Transport Assembly (546133)

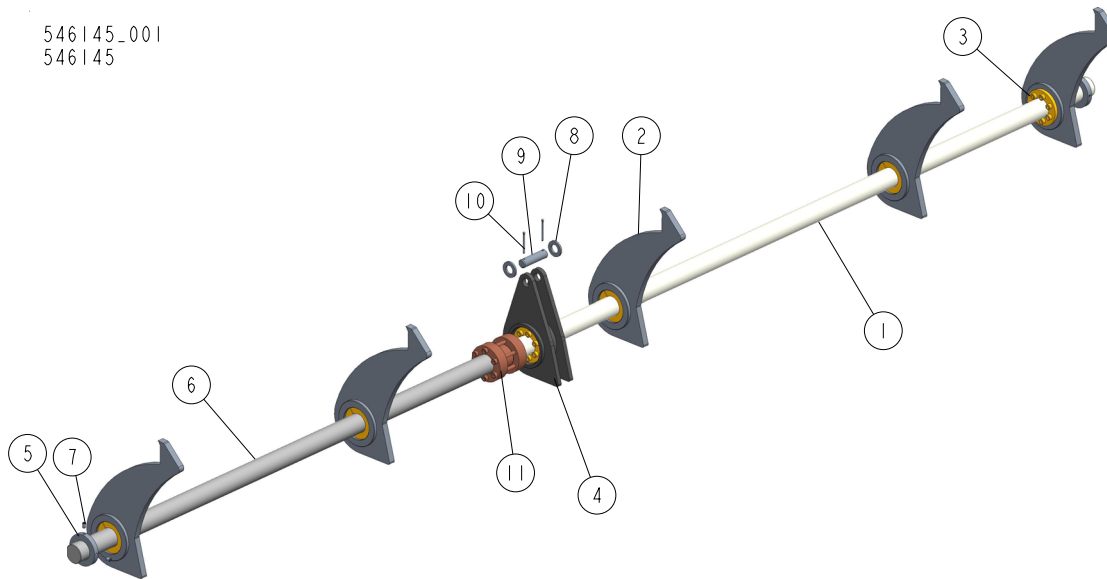


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | TRANSPORT ASSEMBLY I | 546133 | 1 |
| 1 | CHANNEL, TRANSPORT ASSEMBLY I | 546134-1 | 1 |
| 2 | SPROCKET, 81X Z14 | 532767-1 | 1 |
| 3 | BEARING, UCFL 212 W/HOUSING | 529148 | 1 |
| 4 | WASHER, 21 FLAT ZINC | F81059-2 | 4 |
| 5 | NUT, M20-8 DIN985 HEX NYLON ZINC LOCK | F81037-2 | 2 |
| 6 | BOLT, M20X60-8.8 HEX HEAD ZINC | F81007-7 | 2 |
| 7 | BRACKET, SHAFT COMPLETE See Section 4.26 | 536522 | 5 |
| 8 | WASHER, 17 FLAT ZINC | F81058-1 | 12 |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 5 |
| 10 | BOLT, M16 X 50-8.8 HEX HEAD | F81006-7 | 1 |
| 11 | GROMMET, 20/13 RUBBER | 086188 | 5 |
| 12 | PLATE | 543801-1 | 1 |
| 13 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 14 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 2 |
| 15 | BOLT, M10 X 40-8.8 HEX HEAD FULL THREAD | F81003-16 | 2 |
| 16 | WASHER, 6.4 FLAT ZINC | F81053-1 | 14 |
| 17 | WASHER, Z 6.1 SPLIT LOCK | F81053-3 | 2 |
| 18 | BOLT, M6X25-5.8 HEX HEAD FULL THREAD ZIN | F81001-3 | 2 |
| 19 | SLEEVE, BK13 60X90 CLAMPING | 533417 | 1 |
| 20 | GUIDE, 81X L=1872 CHAIN | 543826 | 2 |
| - | CHAIN 81X COMPLETE | 546140 | 1 |
| 21 | CHAIN 81X, LINKS (L=MM) | 546139 | 1 |
| 22 | LINK, 81X MASTER | 719077 | 3 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 23 | LINK | 543799-1 | 1 | |
| 24 | PROFILE, CONVEYOR CHAIN GUIDE | 529155 | 1 | |
| 25 | GUIDE 81X L=357 CHAIN | 543825 | 1 | |
| 26 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 12 | |
| 27 | BOLT, M16X140-8.8 HEX HEAD ZINC | F81006-4 | 4 | |
| 28 | WASHER, 13 FLAT ZINC | F81056-1 | 10 | |
| 29 | BOLT, M12X130-8.8-HEX HEAD ZINC | F81004-36 | 5 | |
| 30 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 5 | |
| 31 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 2 | |
| 32 | BOLT, M16 X 90-8.8 HEX HEAD ZINC | F81006-17 | 2 | |

4.5 Hook Shaft (546145)

546145_001
546145

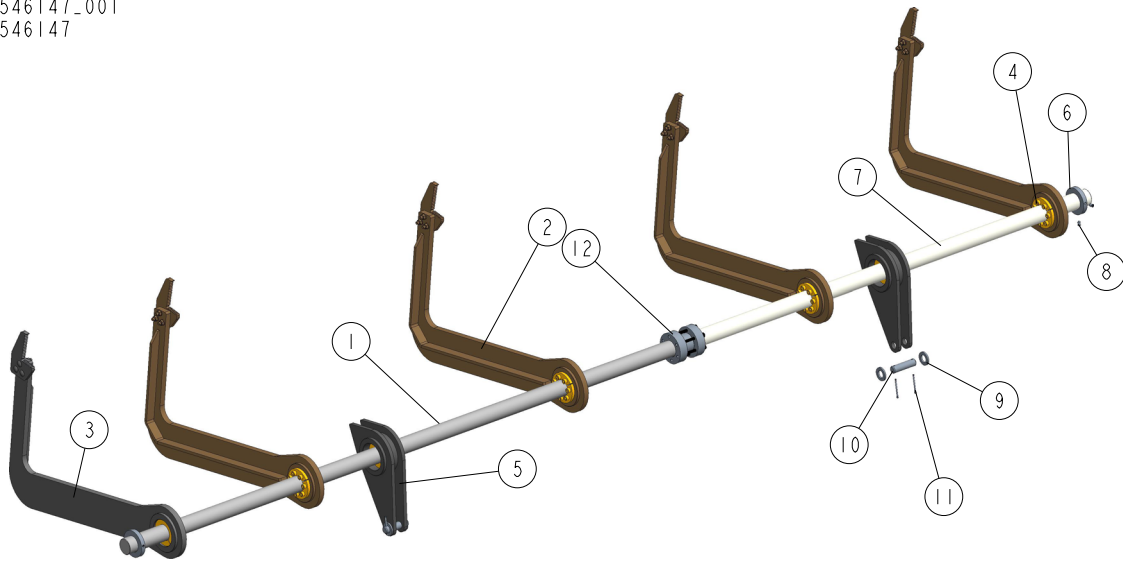


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|------------|-----|--|
| - | SHAFT, HOOK I | 546145 | 1 | |
| 1 | ROD 45X1900 | 546146-1 | 1 | |
| 2 | FINGER, STOPPER | 533423-1 | 5 | |
| 3 | SLEEVE, BK16 45X75 CLAMPING | 533424 | 6 | |
| 4 | ARM, PNEUMATIC CYLINDER (I) | 533429-1 | 1 | |
| 5 | COLLAR, 45X75-12 LOCKING | 533432-1 | 2 | |
| 6 | ROD 45X1375 | 543816-1 | 1 | |
| 7 | SCREW M8X12 HSS W/CONE POINT ZC 45H DIN | F81002-105 | 4 | |
| 8 | WASHER, 21 FLAT ZINC | F81059-2 | 2 | |
| 9 | PIN, 20X75 ZINC-PLATED | 533433-1 | 1 | |
| 10 | PIN, 4X30 COTTER ZINC-PLATED | F81043-22 | 2 | |
| 11 | SLEEVE, BK 95 45X85 CLAMPING | 541733 | 1 | |

4 Flipper Assembly (546147)

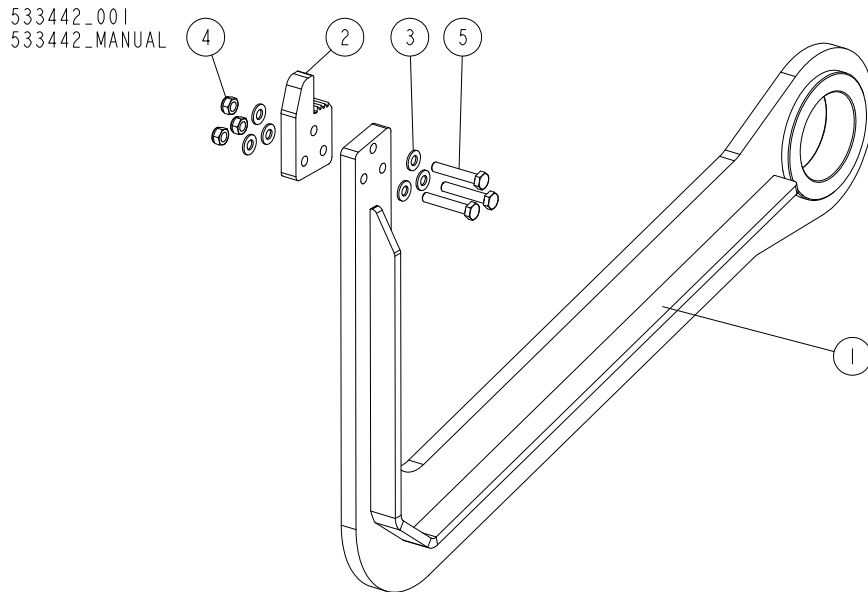
4.6 Flipper Assembly (546147)

546147_001
546147



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|---|------------|-----|
| - | FLIPPER ASSEMBLY I | 546147 | 1 |
| 1 | ROD 45X1900 | 546146-1 | 1 |
| 2 | ARM, RIGHT FLIPPER - COMPLETE See Section 4.7 | 533442 | 4 |
| 3 | ARM, LEFT FLIPPER - COMPLETE See Section 4.8 | 533443 | 1 |
| 4 | SLEEVE, BK16 45X75 CLAMPING | 533424 | 7 |
| 5 | ARM, PNEUMATIC CYLINDER (II) | 533437-1 | 2 |
| 6 | COLLAR, 45X75-12 LOCKING | 533432-1 | 2 |
| 7 | ROD 45X1375 | 543816-1 | 1 |
| 8 | SCREW M8X12 HSS W/CONE POINT ZC 45H DIN | F81002-105 | 4 |
| 9 | WASHER, 21 FLAT ZINC | F81059-2 | 4 |
| 10 | PIN, 20X75 ZINC-PLATED | 533433-1 | 2 |
| 11 | PIN, 4X30 COTTER ZINC-PLATED | F81043-22 | 4 |
| 12 | SLEEVE, BK 95 45X85 CLAMPING | 541733 | 1 |

4.7 Right Flipper Arm (533442)

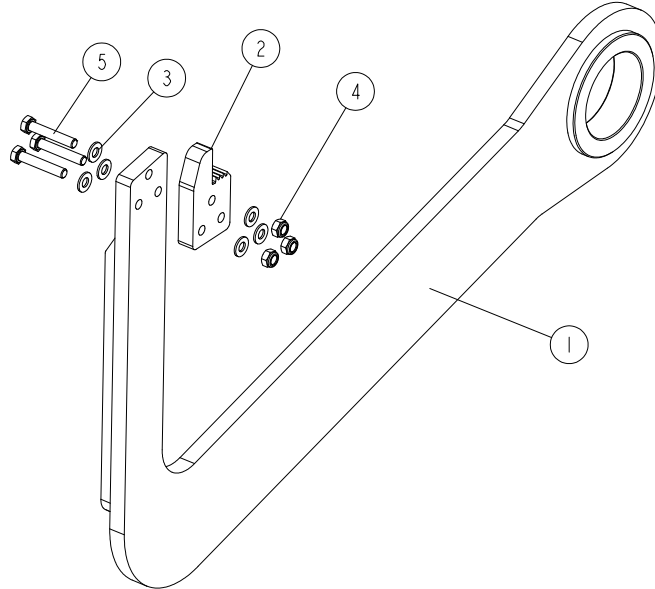


| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY | |
|------|--|-----------|-----|--|
| - | ARM, RIGHT FLIPPER - COMPLETE | 533442 | 1 | |
| 1 | ARM, RIGHT FLIPPER | 533435-1 | 1 | |
| 2 | PLATE, FLIPPER ARM END | 529208 | 1 | |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 6 | |
| 4 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 3 | |
| 5 | BOLT, M8X45-8.8 HEX HEAD FULL THREAD ZINC | F81002-14 | 3 | |

4 Left Flipper Arm (533443)

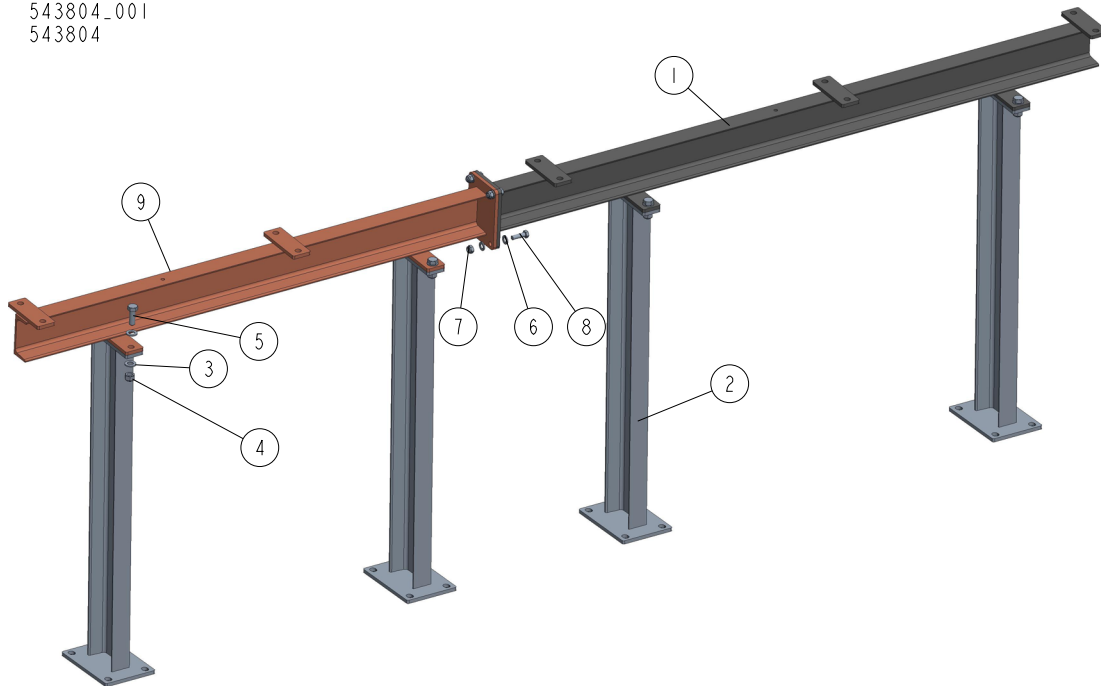
4.8 Left Flipper Arm (533443)

533443_001
533443_MANUAL



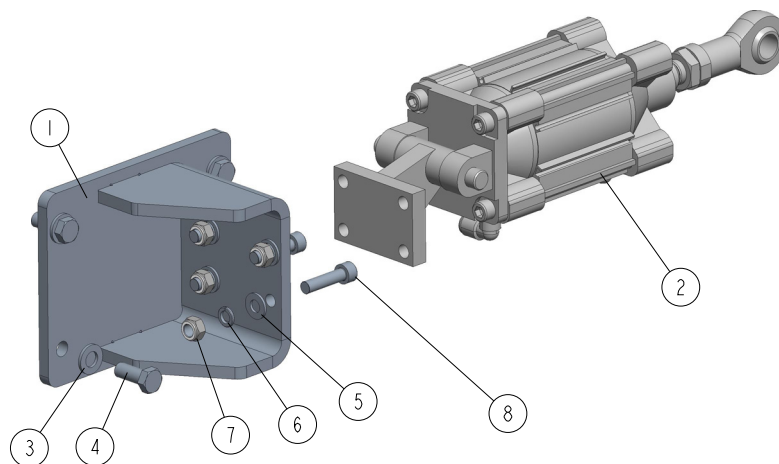
| REF. | DESCRIPTION (* indicates parts available in assemblies only) | Part # | QTY |
|------|--|-----------|-----|
| - | ARM, LEFT FLIPPER - COMPLETE | 533443 | 1 |
| 1 | ARM, LEFT FLIPPER | 533441-1 | 1 |
| 2 | PLATE, FLIPPER ARM END | 529208 | 1 |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 6 |
| 4 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 3 |
| 5 | BOLT, M8X45-8.8 HEX HEAD FULL THREAD ZINC | F81002-14 | 3 |

4.9 Crossbeam (543804)

543804_001
543804

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CROSSBEAM COMPLETE | 543804 | 1 |
| 1 | CROSSBEAM | 546153-1 | 1 |
| 2 | LEG | 543802-1 | 4 |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 16 |
| 4 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 8 |
| 5 | BOLT M16X45-8.8-FE/ZN5 PN-M/82105. | F81006-46 | 8 |
| 6 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 4 |
| 8 | BOLT, M12X40-8.8 HEX HEAD | F81004-1 | 4 |
| 9 | CROSSBEAM | 543814-1 | 1 |

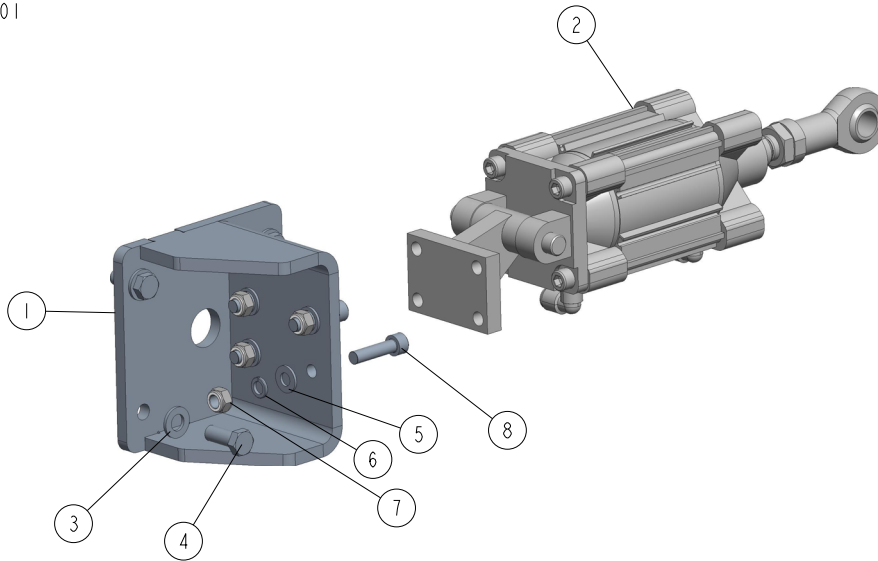
4.10 Cylinder (546148)

546148_001
546148

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CYLINDER, PNEUMATIC W/BRACKET | 546148 | 1 | |
| 1 | BRACKET | 536544-1 | 1 | |
| 2 | CYLINDER ASSEMBLY See Section 4.12 | 536583 | 1 | |
| 3 | WASHER, 13 FLAT ZINC | F81056-1 | 4 | |
| 4 | BOLT, M12 X 30-8.8 HEX HEAD FULL THREAD | F81004-22 | 4 | |
| 5 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 | |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 | |
| 7 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 4 | |
| 8 | SCREW, M10X40 HEX SOCKET HEAD CAP ZINC | F81003-22 | 4 | |

4.11 Cylinder (543795)

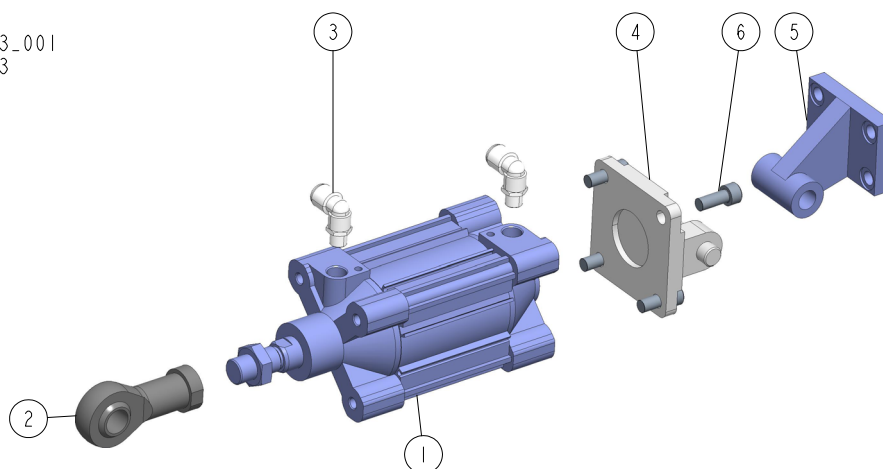
543795_001
543795



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CYLINDER, PNEUMATIC W/BRACKET | 543795 | 1 |
| 1 | BRACKET CYLINDER | 543796-1 | 1 |
| 2 | CYLINDER ASSEMBLY See Section 4.12 | 536583 | 1 |
| 3 | WASHER, 13 FLAT ZINC | F81056-1 | 4 |
| 4 | BOLT, M12 X 30-8.8 HEX HEAD FULL THREAD | F81004-22 | 4 |
| 5 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 6 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 |
| 7 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 4 |
| 8 | SCREW, M10X40 HEX SOCKET HEAD CAP ZINC | F81003-22 | 4 |

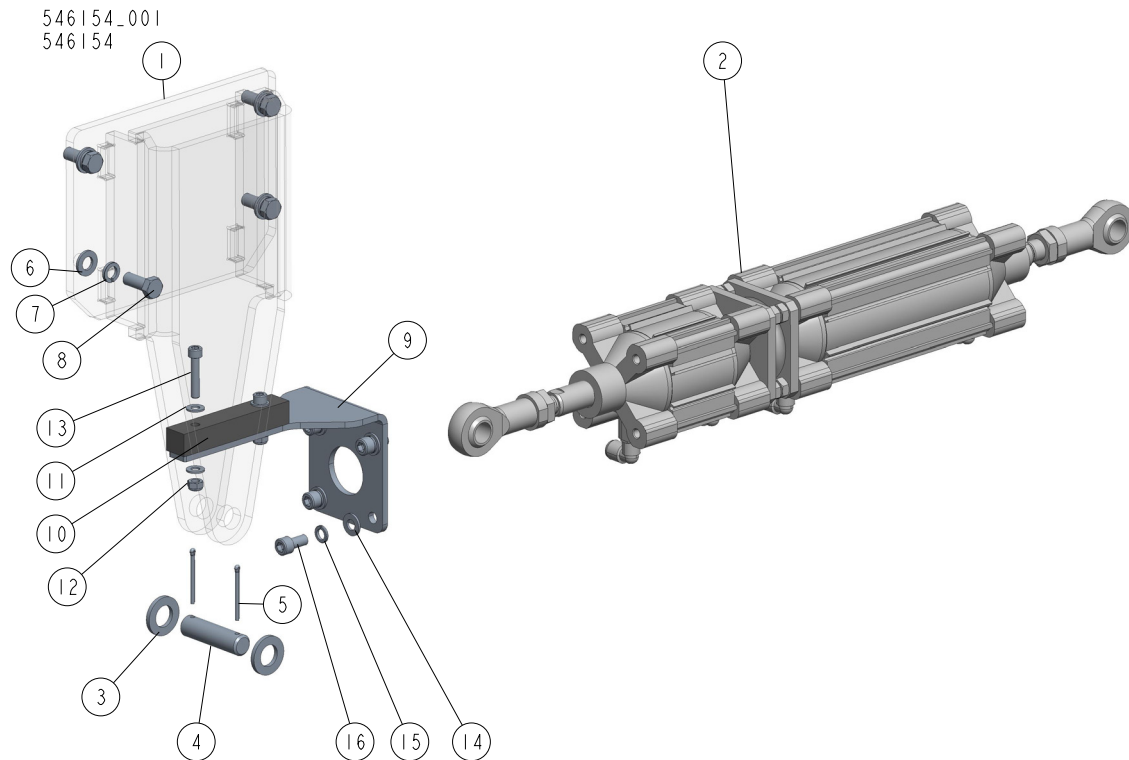
4.12 Cylinder (No. 536583)

536583_001
536583



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CYLINDER ASSEMBLY | 536583 | 1 | |
| 1 | CYLINDER, CP96SDB80-50C SMC PNEUMATIC | 534320 | 1 | |
| 2 | JOINT, KJ20D BALL | 517861 | 1 | |
| 3 | FITTING, MALE ELBOW (SMC KQ2L10-02) | 510985 | 2 | |
| 4 | D5080(F) (SMC) | 511062 | 1 | |
| 5 | COUNTER PIVOT, E5080, CLEVIS, | 534321 | 1 | |
| 6 | SCREW, M10X25 8.8 HEX SOCKET HEAD CAP ZI | F81003-32 | 4 | |

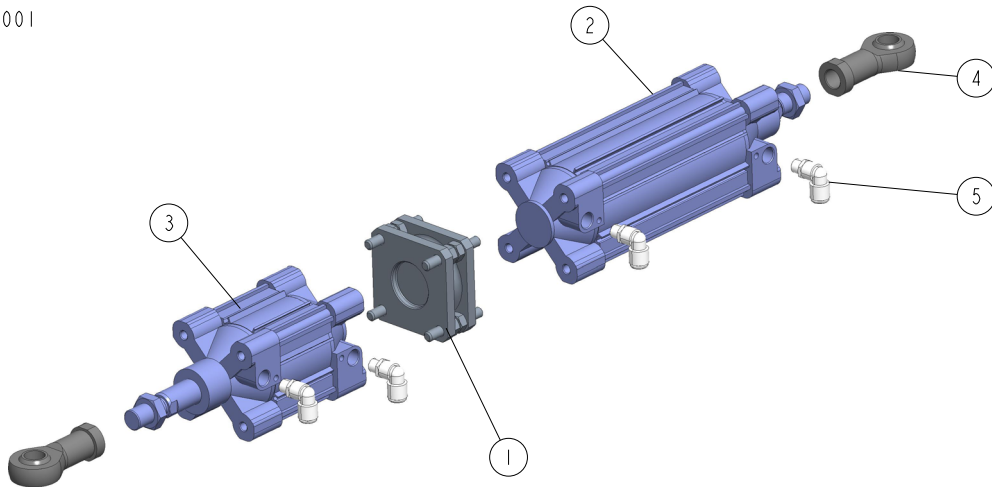
4.13 Cylinder (546154)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|------------|-----|
| - | CYLINDER, PNEUMATIC W/BACKET | 546154 | 1 |
| 1 | BRACKET | 536549-1 | 1 |
| 2 | CYLINDERS SET See Section 4.14 | 536584 | 1 |
| 3 | WASHER, 21 FLAT ZINC | F81059-2 | 2 |
| 4 | PIN, 20X75 ZINC-PLATED | 533433-1 | 1 |
| 5 | PIN, 4X30 COTTER ZINC-PLATED | F81043-22 | 2 |
| 6 | WASHER, 13 FLAT ZINC | F81056-1 | 4 |
| 7 | WASHER, 12.2 SPLIT LOCK ZINC | F81056-2 | 4 |
| 8 | BOLT, M12 X 30-8.8 HEX HEAD FULL THREAD | F81004-22 | 4 |
| - | PROTECTION ANTI-ROTATION | 540079 | 1 |
| 9 | PLATE | 540077-1 | 1 |
| 10 | BLOCK SLIDE | 540078 | 1 |
| 11 | WASHER, 8.4 FLAT ZINC | F81054-1 | 4 |
| 12 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 2 |
| 13 | SCREW, M8X40-8.8 HEX SOCKET HEAD CAP ZIN | F81002-29 | 2 |
| 14 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 15 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 |
| 16 | BOLT, M10X20 8.8 FE/ZN5 PN-M/82302 | F81003-108 | 4 |

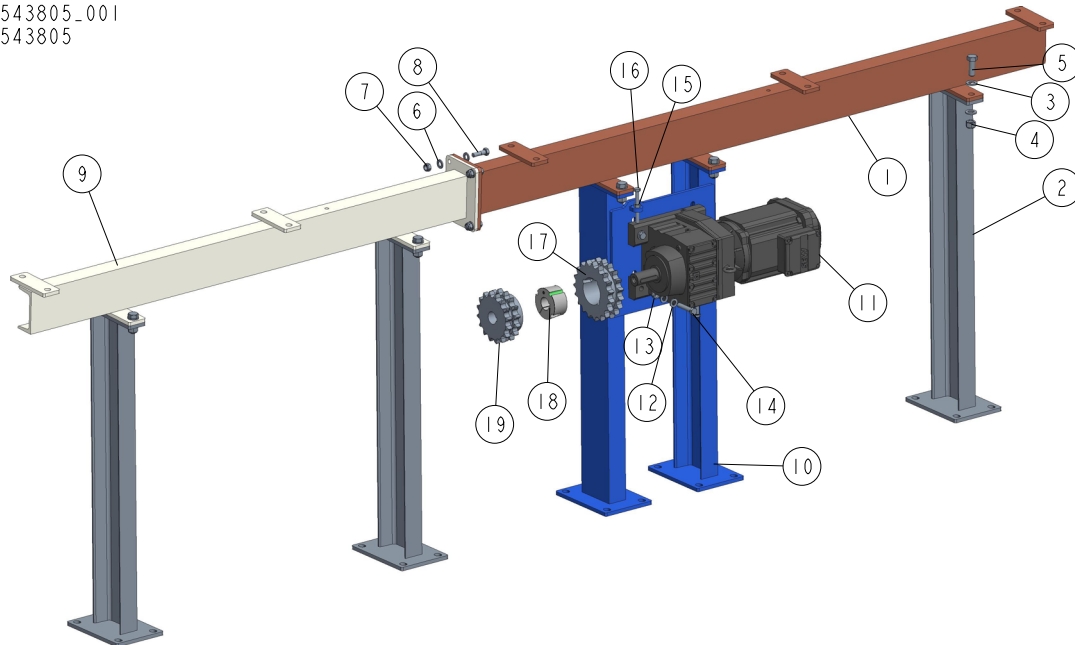
4.14 Cylinders Set (536584)

536584_001
536584



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|--------|-----|
| - | CYLINDERS SET | 536584 | 1 |
| 1 | LINK ZBH-C9580(A0001) | 534331 | 1 |
| 2 | CYLINDER CP96SDB80-150C | 534318 | 1 |
| 3 | CYLINDER CP96SDB80-25C | 534319 | 1 |
| 4 | BALL JOINT, KJ20D PISTON ROD | 517861 | 2 |
| 5 | FITTING, MALE ELBOW (SMC KQ2L10-02) | 510985 | 4 |

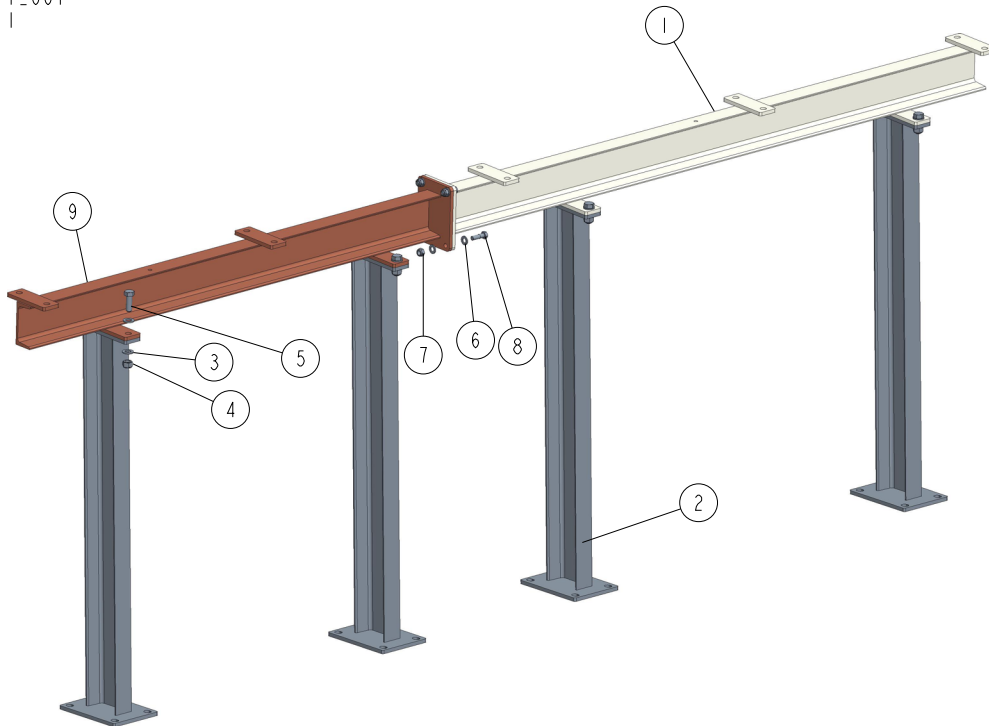
4.15 Crossbeam (543805)

543805_001
543805

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CROSSBEAM COMPLETE II | 543805 | 1 |
| 1 | CROSSBEAM | 546150-1 | 1 |
| 2 | LEG | 543806-1 | 3 |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 20 |
| 4 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 10 |
| 5 | BOLT M16X45-8.8-FE/ZN5 PN-M/82105. | F81006-46 | 10 |
| 6 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 4 |
| 8 | BOLT, M12X40-8.8 HEX HEAD | F81004-1 | 4 |
| 9 | CROSSBEAM | 543812-1 | 1 |
| - | DRIVE, TABLE COMPLETE | 543817 | 1 |
| 10 | BRACKET MOTOREDCER | 543818-1 | 1 |
| 11 | MOTOREDCER R67 DRN90L4 | 529143 | 1 |
| 12 | WASHER, 13 FLAT ZINC | F81056-1 | 8 |
| 13 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 4 |
| 14 | BOLT, M12X60-8.8 HEX HEAD ZINC | F81004-5 | 4 |
| 15 | NUT, M10-8-B-HEX ZINC | F81033-3 | 2 |
| 16 | BOLT, M10X90-8.8 HEX HEAD FULL THREAD ZI | F81003-90 | 2 |
| - | SPROCKET, ANSI 80-2 Z19 | 529184 | 1 |
| 17 | SPROCKET 16A-2 Z19 | 543835 | 1 |
| 18 | BUSHING PHF TB3020X35MM | 543836 | 1 |
| 19 | SPROCKET 16A-2 Z16 | 719278 | 1 |

4.16 Crossbeam (543811)

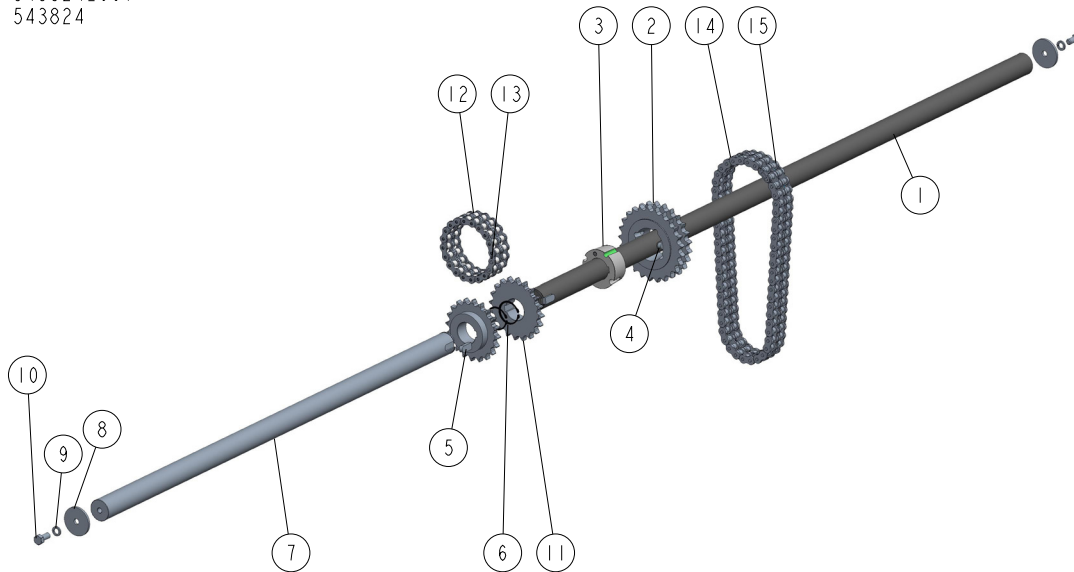
543811_001
543811



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CROSSBEAM COMPLETE III | 543811 | 1 | |
| 1 | CROSSBEAM | 546153-1 | 1 | |
| 2 | LEG | 543809-1 | 4 | |
| 3 | WASHER, 17 FLAT ZINC | F81058-1 | 16 | |
| 4 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 8 | |
| 5 | BOLT M16X45-8.8-FE/ZN5 PN-M/82105. | F81006-46 | 8 | |
| 6 | WASHER, 13 FLAT ZINC | F81056-1 | 8 | |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 4 | |
| 8 | BOLT, M12X40-8.8 HEX HEAD | F81004-1 | 4 | |
| 9 | CROSSBEAM | 543814-1 | 1 | |

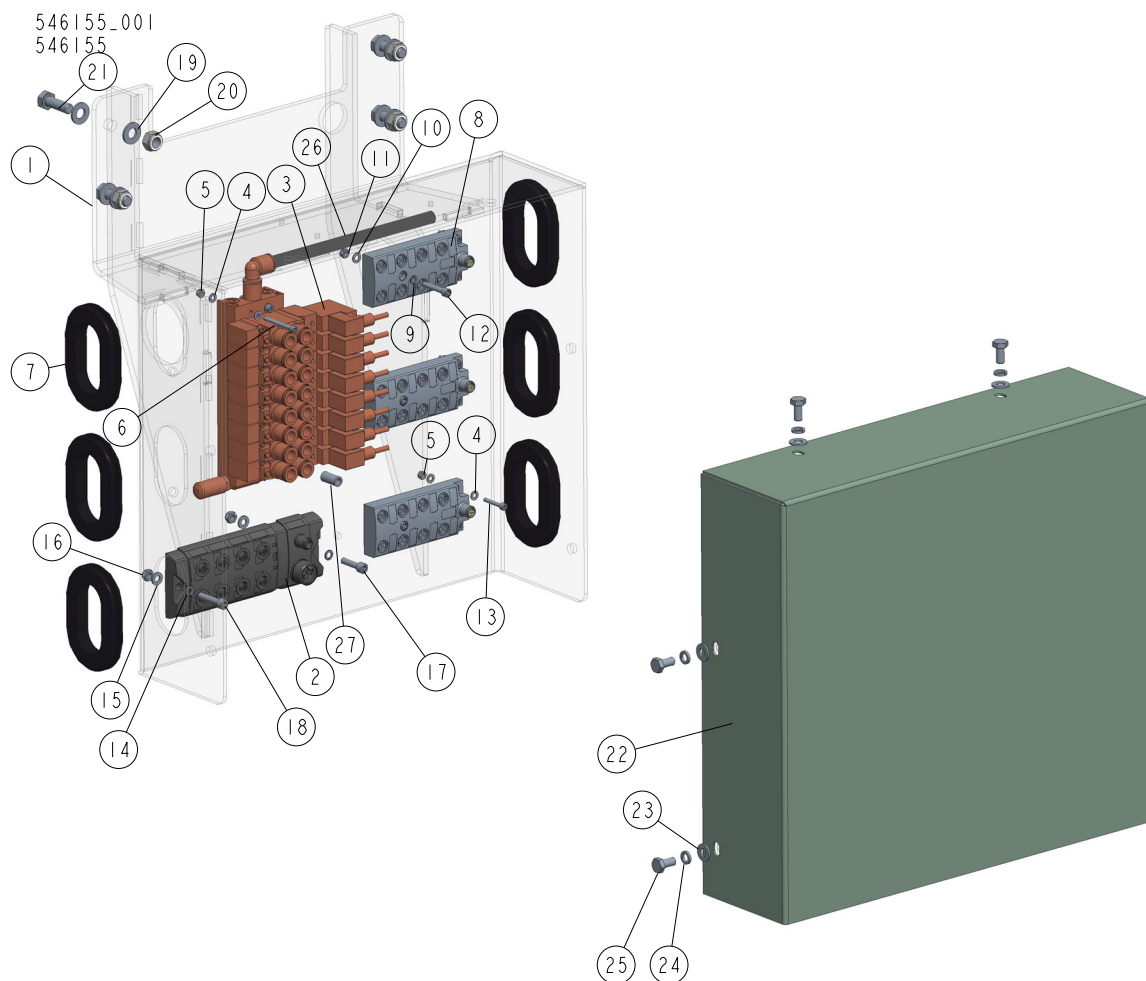
4.17 Drive Shaft (543824)

543824_001
543824



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | SHAFT, DRIVE COMPLETE | 543824 | 1 |
| 1 | SHAFT, DRIVE SHORT | 543822 | 1 |
| - | SPROCKET, ANSI 80-2 Z25 | 529217 | 1 |
| 2 | SPROCKET 16A-2 Z25 | 543837 | 1 |
| 3 | BUSHING TB3020X60MM | 543838 | 1 |
| 4 | KEY, A 18X11X70 PARALLEL | 529218 | 1 |
| 5 | KEY, AB 18X11X40 PARALLEL | 529222 | 2 |
| 6 | RING, Z60 OUTSIDE RETAINING | F81090-62 | 2 |
| 7 | SHAFT, DRIVE SHORT | 543823 | 1 |
| 8 | WASHER, F16.5F180X6 WM1000 ZINC-PL. SPE | 504604-1 | 2 |
| 9 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 2 |
| 10 | BOLT, M16X35 -8.8 HEX HEAD FULL THREAD Z | F81006-74 | 2 |
| 11 | SPROCKET 16A-1 Z20 60 | 543841 | 2 |
| - | CHAIN, 16A-2 20-LINK COUPLING | 543845 | 1 |
| 12 | CHAIN, 16A-2 19-LINK (HABERKORN 100253) | 543846 | 1 |
| 13 | LINK, 16A-2 (HABERKORN 100280) DUPLEX CO | 543844 | 1 |
| - | CHAIN. 16A-2 54 LINKS COMPLETE | 543842 | 1 |
| 14 | CHAIN16A-2 53 OGNIWA (HABERKORN 100253) | 543843 | 1 |
| 15 | LINK, 16A-2 (HABERKORN 100280) DUPLEX CO | 543844 | 1 |

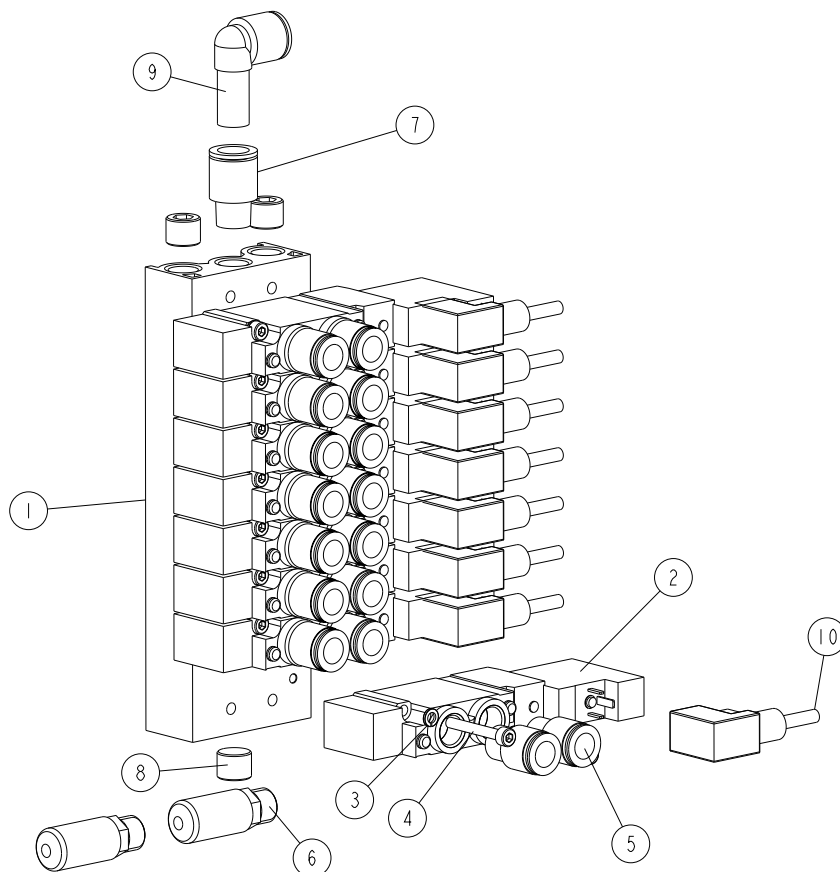
4.18 Pneumatic Box (546155)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BOX PNEUMATIC | 546155 | 1 |
| 1 | BRACKET, AIR BOX | 541771-1 | 1 |
| 2 | VALVE, 16 IO IOLINK ACTIVE | 532586 | 1 |
| 3 | VALVE BLOCK See Section 4.19 | 546156 | 1 |
| 4 | WASHER, 4.3 FLAT ZINC | F81051-2 | 20 |
| 5 | NUT, M4-B HEX NYLON ZINC LOCK | F81029-1 | 10 |
| 6 | SCREW, M4X40-8.8 SOCKET HEAD ZINC | F81011-37 | 4 |
| 7 | GROMMET, 70X36X4 RUBBER | 089532 | 6 |
| 8 | HUB, BALLUFF BNI0005 IO-LINK SENSOR/ACTU | 532587 | 3 |
| 9 | WASHER, 5.1 SPLIT LOCK ZINC | F81052-2 | 3 |
| 10 | WASHER, 5.3 FLAT ZINC | F81052-1 | 3 |
| 11 | NUT, M5-8 DIN985 ZINC-PLATED | F81030-2 | 3 |
| 12 | SCREW, M5X30 5.8 HEX SOCKET HEAD CAP ZIN | F81000-71 | 3 |
| 13 | SCREW, M4X25-8.8 HEX SOCKET HEAD CAP ZIN | F81011-3 | 6 |
| 14 | WASHER, Z 6.1 SPLIT LOCK | F81053-3 | 2 |
| 15 | WASHER, 6.4 FLAT ZINC | F81053-1 | 2 |
| 16 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 2 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|------------|-----|--|
| 17 | SCREW, M6X25-8.8 HEX SOCKET HEAD CAP ZIN | F81001-41 | 1 | |
| 18 | SCREW, M6X30-8.8 SOCKET HEAD | F81001-42 | 1 | |
| 19 | WASHER, 10.5 FLAT ZINC | F81055-1 | 8 | |
| 20 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 4 | |
| 21 | BOLT, DIN933-M10X30-8.8-A2E HEX HEAD | F81003-111 | 4 | |
| 22 | COVER, AIR BOX | 541775-1 | 1 | |
| 23 | WASHER, 8.4 FLAT ZINC | F81054-1 | 6 | |
| 24 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 6 | |
| 25 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 6 | |
| 26 | HOSE, TU1208B-20 POLYURETHANE | R80705-1 | 1 | |
| 27 | HOSE, POLYURETHANE 10MM TU1065B | R80704-1 | 1 | |

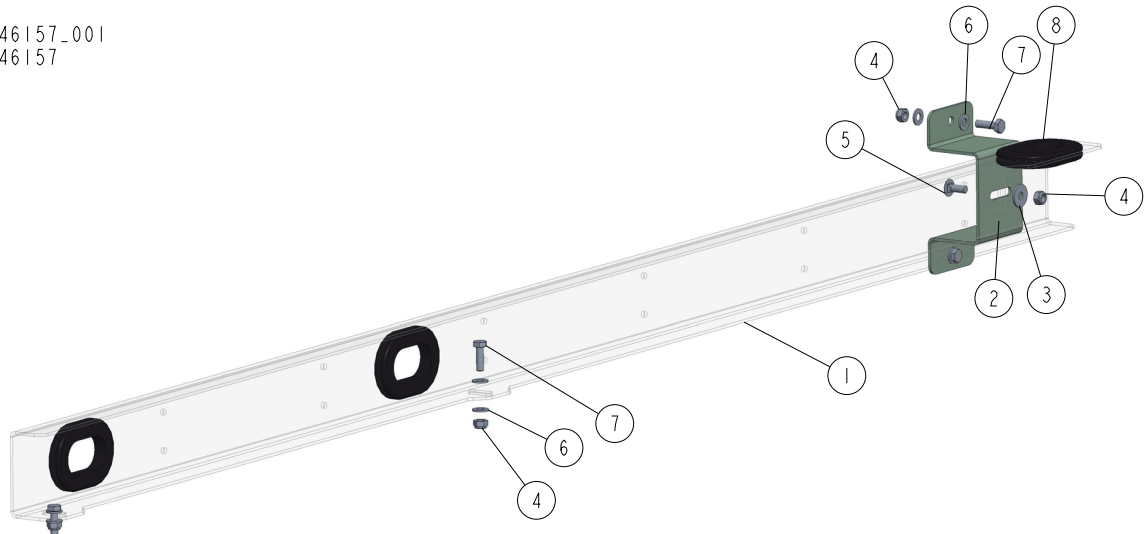
4.19 Valve Block (546156)

546156_001
546156

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | VALVE BLOCK | 546156 | 1 |
| 1 | MANIFOLD, SS5Y7-20-08-00F-Q SMC | 541768 | 1 |
| 2 | VALVE, 5/2 24VDC - SY7120-5YO-02F-Q | 527855 | 8 |
| 3 | WASHER, Z 4.1 SPLIT LOCK | F81051-1 | 16 |
| 4 | SCREW, M4X30-8.8 DIN 912 ISO 4762 HEX S | F81000-85 | 16 |
| 5 | FITTING, KQ2S10-02AS | 524443 | 16 |
| 6 | SILENCER, W/THREAD (SMC AN20-02-AN) | 510980 | 2 |
| 7 | FITTING, 1/4"-12MM KQ2S12-02AS MALE | 531838 | 1 |
| 8 | PLUG, 1/4" - TB00024 | 510170 | 3 |
| 9 | FITTING, KQ2L12-99A ELBOW | 534714 | 1 |
| 10 | CONNECTOR, PNEUMATIC SOLENOID COIL K43 | 523925 | 8 |

4.20 Crosschannel (546157)

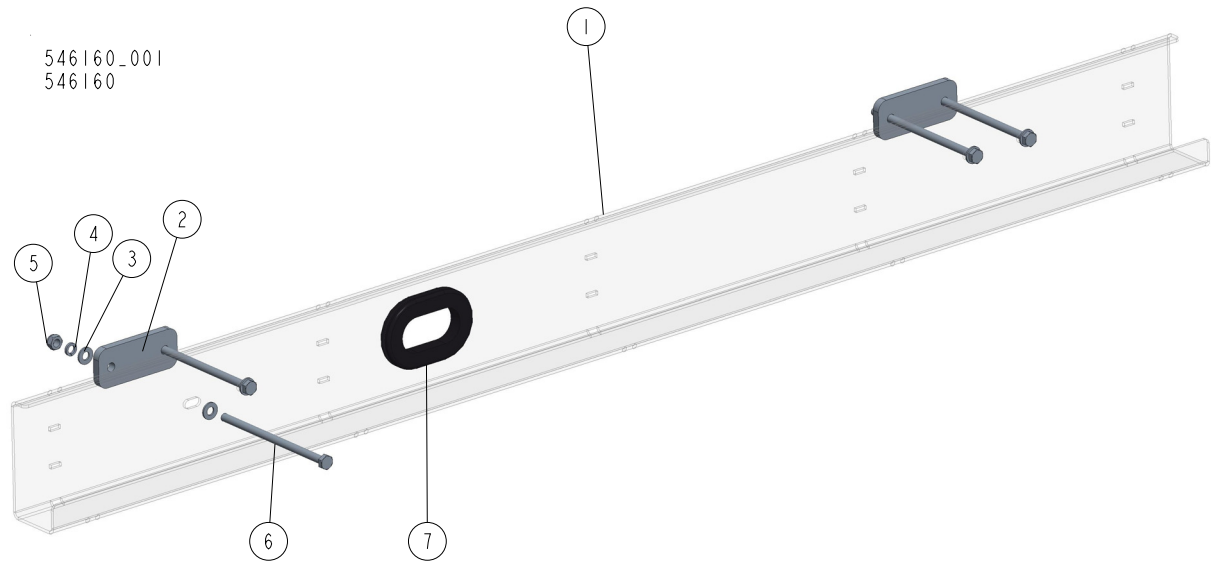
546157_001
546157



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CROSSCHANNEL | 546157 | 1 |
| 1 | CHANNEL | 546158-1 | 1 |
| 2 | BRACKET, CABLE/HOSE GUIDE CHANNEL | 534727-1 | 1 |
| 3 | WASHER, ISO 7093-1-8-200 HV-A2E. | F81054-11 | 1 |
| 4 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 5 |
| 5 | BOLT, M8X20-8.8 CARRIAGE ZINC | F81002-11 | 1 |
| 6 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 7 | BOLT, M8X25-8.8-B HEX HEAD FULL THREAD Z | F81002-5 | 4 |
| 8 | GROMMET, 70X36X4 RUBBER | 089532 | 3 |

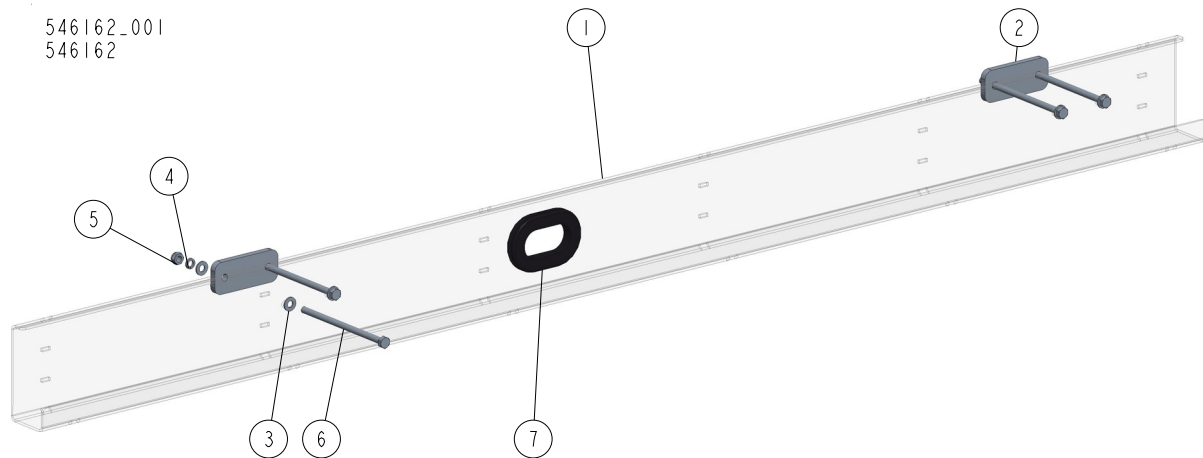
4 Crosschannel (546160)

4.21 Crosschannel (546160)



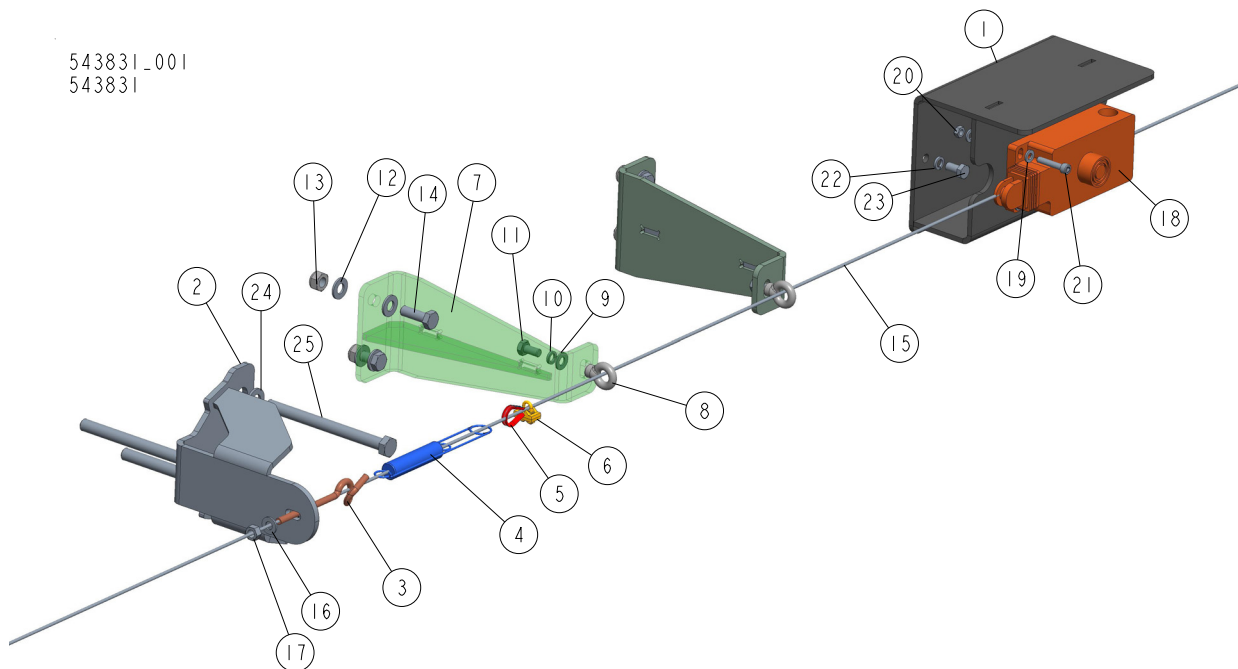
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | CHANNEL COMPLETE I | 546160 | 1 | |
| 1 | CHANNEL | 546159-1 | 1 | |
| 2 | PLATE | 536579-1 | 3 | |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 | |
| 4 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 4 | |
| 5 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 4 | |
| 6 | BOLT, M8X150-8.8 HEX HEAD ZINC | F81002-36 | 4 | |
| 7 | GROMMET, 70X36X4 RUBBER | 089532 | 1 | |

4.22 Crosschannel (546162)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CHANNEL COMPLETE II | 546162 | 1 |
| 1 | CHANNEL | 546161-1 | 1 |
| 2 | PLATE | 536579-1 | 3 |
| 3 | WASHER, 8.4 FLAT ZINC | F81054-1 | 8 |
| 4 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 4 |
| 5 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 4 |
| 6 | BOLT, M8X150-8.8 HEX HEAD ZINC | F81002-36 | 4 |
| 7 | GROMMET, 70X36X4 RUBBER | 089532 | 1 |

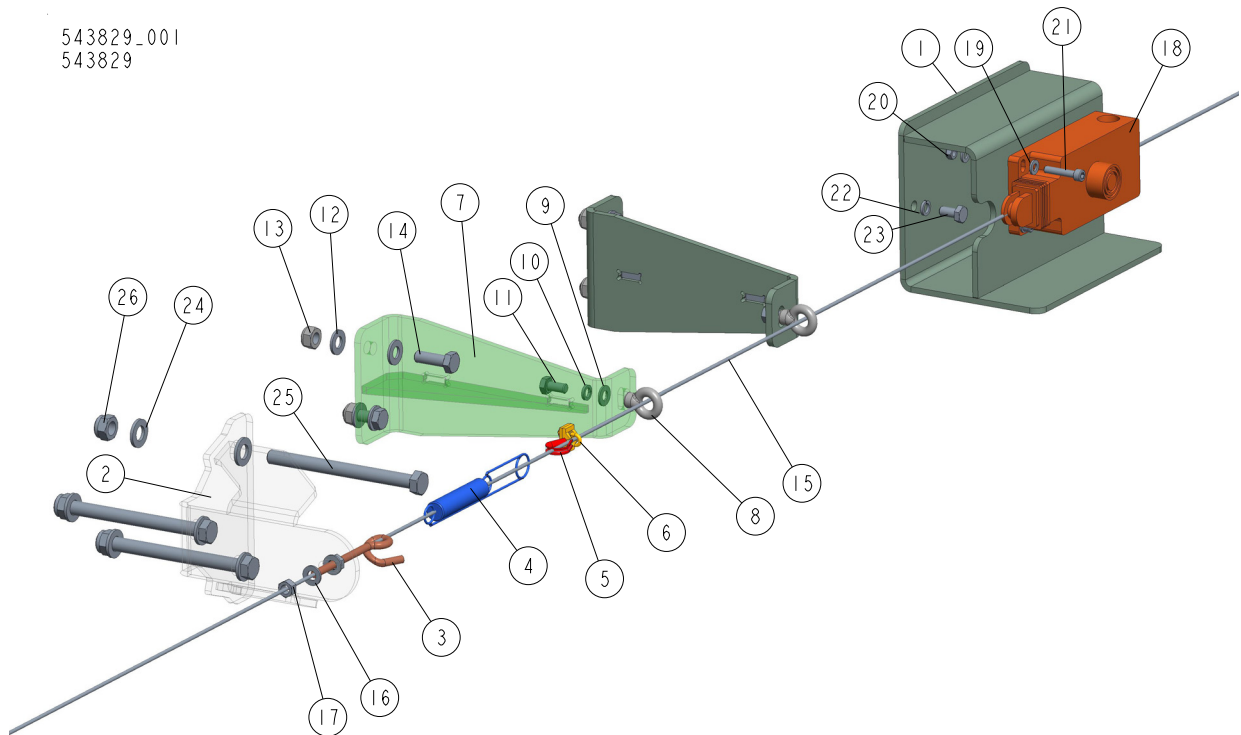
4.23 Switch Assembly (543831)

543831_001
543831

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|------------|-----|
| - | SWITCH ASSEMBLY, CABLE PULL EMERGENCY RIGHT | 543831 | 1 |
| 1 | BRACKET, SWITCH | 534339-1 | 1 |
| 2 | BRACKET | 543833 | 1 |
| 3 | BRACKET, XY2CZ705 PULLEY | 534341 | 1 |
| 4 | SPRING, XY2CZ702 END | 509124 | 1 |
| 5 | PROTECTOR, XY2CZ701 CABLE END | 509125 | 1 |
| 6 | CLAMP, XY2CZ523 CABLE | 534342 | 1 |
| - | BRACKET, CABLE SUPPORT EYE - COMPLETE | 534348 | 2 |
| 7 | BRACKET, CABLE SUPPORT EYE | 534347-1 | 1 |
| 8 | EYE, XY2CZ601 FIXED CABLE SUPPORT | 525363 | 1 |
| 9 | WASHER, 8.4 FLAT ZINC | F81054-1 | 1 |
| 10 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 1 |
| 11 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 1 |
| 12 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 13 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 2 |
| 14 | BOLT, DIN933-M10X30-8.8-A2E HEX HEAD | F81003-111 | 2 |
| 15 | CABLE, LONG | 534350 | 1 |
| 16 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 17 | NUT, M8-8-B HEX ZINC | F81032-1 | 2 |
| 18 | SWITCH ASSEMBLY, ROPE PULL E-STOP | 090994 | 1 |
| 19 | WASHER, 6.4 FLAT ZINC | F81053-1 | 4 |
| 20 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 2 |
| 21 | SCREW, M6X30-8.8 SOCKET HEAD | F81001-42 | 2 |
| 22 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 2 |
| 23 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 2 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 24 | WASHER, 13 FLAT ZINC | F81056-1 | 3 | |
| 25 | BOLT, M12X140-8.8 HEX HEAD ZINC | F81004-35 | 3 | |

4.24 Switch Assembly (543829)

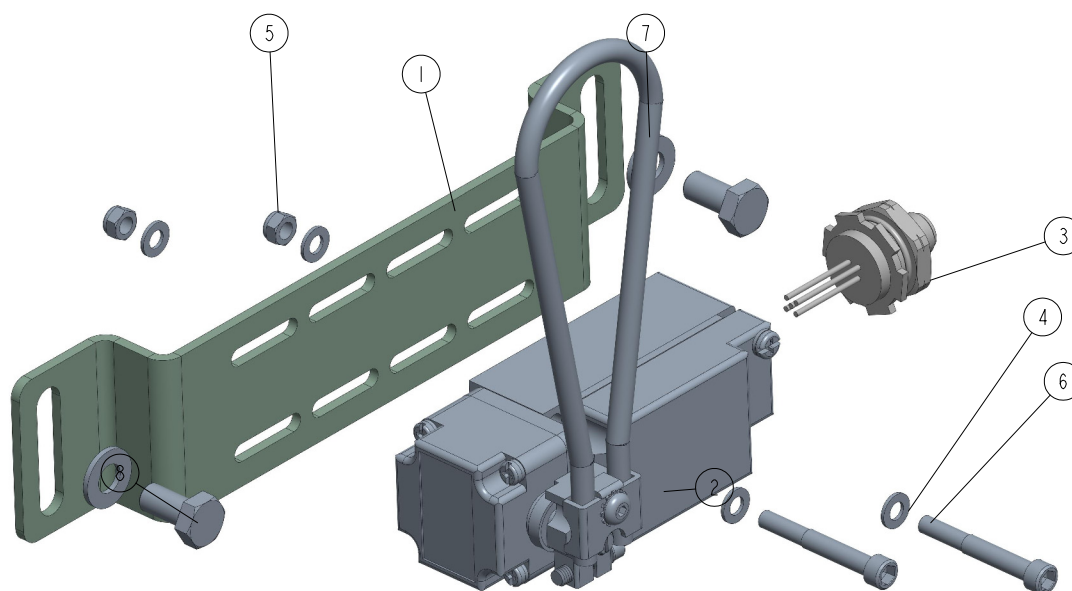
543829_001
543829

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|------------|-----|
| - | SWITCH ASSEMBLY, CABLE PULL EMERGENCY LEFT | 543829 | 1 |
| 1 | BRACKET, SWITCH | 534339-1 | 1 |
| 2 | BRACKET | 543832 | 1 |
| 3 | BRACKET, XY2CZ705 PULLEY | 534341 | 1 |
| 4 | SPRING, XY2CZ702 END | 509124 | 1 |
| 5 | PROTECTOR, XY2CZ701 CABLE END | 509125 | 1 |
| 6 | CLAMP, XY2CZ523 CABLE | 534342 | 1 |
| - | BRACKET, CABLE SUPPORT EYE - COMPLETE | 534348 | 2 |
| 7 | BRACKET, CABLE SUPPORT EYE | 534347-1 | 1 |
| 8 | EYE, XY2CZ601 FIXED CABLE SUPPORT | 525363 | 1 |
| 9 | WASHER, 8.4 FLAT ZINC | F81054-1 | 1 |
| 10 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 1 |
| 11 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 1 |
| 12 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |
| 13 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 2 |
| 14 | BOLT, DIN933-M10X30-8.8-A2E HEX HEAD | F81003-111 | 2 |
| 15 | CABLE, LONG | 534350 | 1 |
| 16 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 17 | NUT, M8-8-B HEX ZINC | F81032-1 | 2 |
| 18 | SWITCH ASSEMBLY, ROPE PULL E-STOP | 090994 | 1 |
| 19 | WASHER, 6.4 FLAT ZINC | F81053-1 | 4 |
| 20 | NUT, M6-8-B HEX NYLON ZINC LOCK | F81031-2 | 2 |
| 21 | SCREW, M6X30-8.8 SOCKET HEAD | F81001-42 | 2 |
| 22 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 2 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 23 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 2 | |
| 24 | WASHER, 13 FLAT ZINC | F81056-1 | 6 | |
| 25 | BOLT, M12X140-8.8 HEX HEAD ZINC | F81004-35 | 3 | |
| 26 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 3 | |

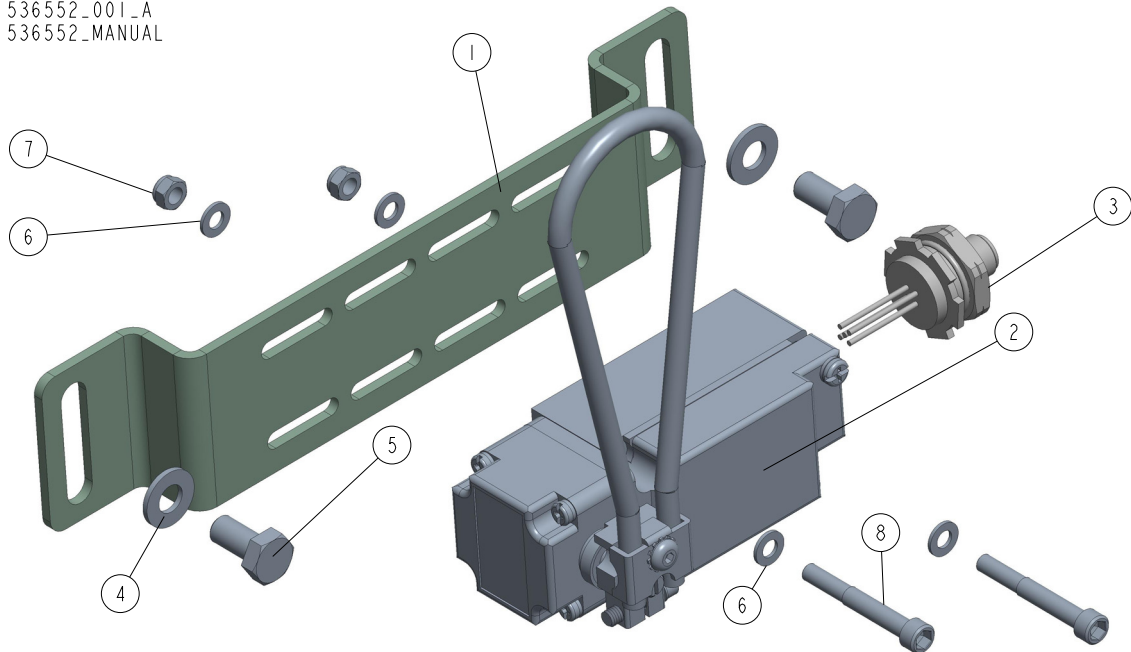
4.25 Limit Switch (No. 536561)

536561_001_A
536561_MANUAL



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | LIMIT SWITCH ASSEMBLY II | 536561 | 1 |
| 1 | BRACKET, LIMIT SWITCH | 536553-1 | 1 |
| 2 | SWITCH, LIMIT F25ASRL142 W/LOOP | 535525 | 1 |
| 3 | M12X1-MALE, 5 PIN, PANEL MOUNTING | 535526 | 1 |
| 4 | WASHER, 5.3 FLAT ZINC | F81052-1 | 4 |
| 5 | NUT, M5-8 ZINC | F81030-2 | 2 |
| 6 | SCREW, M5X40 8.8 HEX SOCKET HEAD CAP ZIN | F81000-74 | 2 |
| 7 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 |
| 8 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 2 |

4.26 Limit Switch (No. 536552)

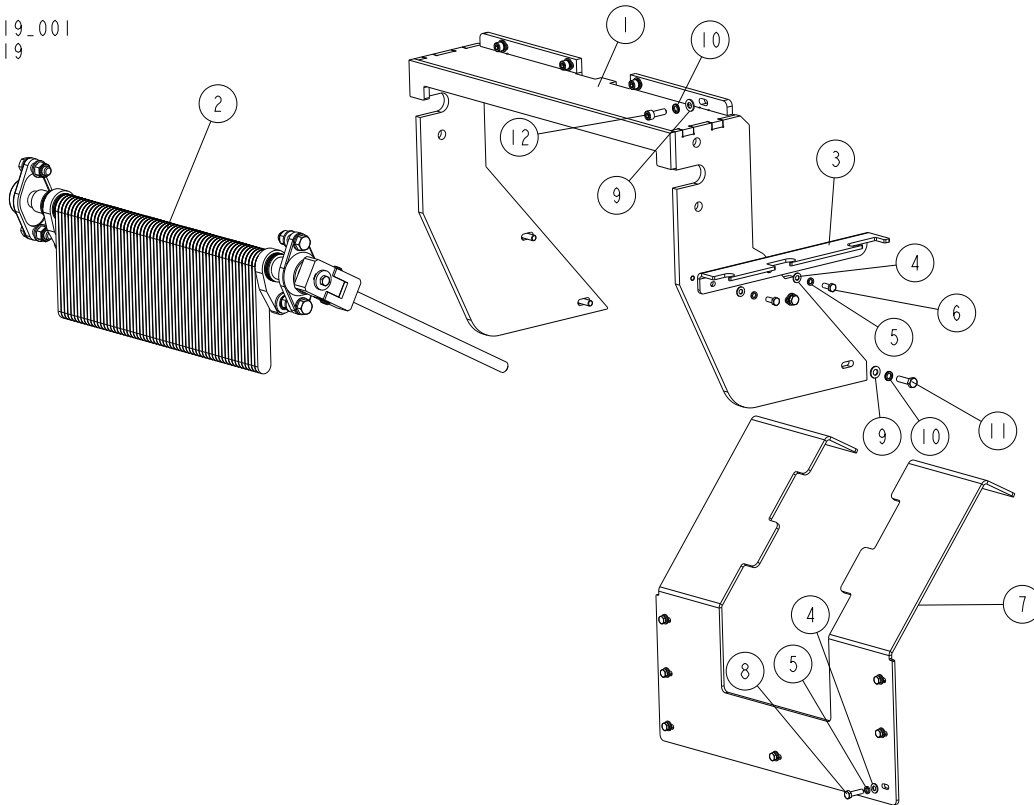
536552_001_A
536552_MANUAL

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| - | LIMIT SWITCH ASSEMBLY I | 536552 | 1 | |
| 1 | BRACKET, LIMIT SWITCH | 536553-1 | 1 | |
| 2 | SWITCH, F25ASRL142 LIMIT W/LOOP | 535525 | 1 | |
| 3 | RECEPTACLE, M12 5-PIN 2M | 535526 | 1 | |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 2 | |
| 5 | BOLT, M8X16 -8.8-B HEX HEAD FULL THREAD | F81002-20 | 2 | |
| 6 | WASHER, 5.3 FLAT ZINC | F81052-1 | 4 | |
| 7 | NUT, M5-8 DIN985 ZINC-PLATED | F81030-2 | 2 | |
| 8 | BOLT, M5X40-8.8-HEX HEAD FULL THREAD ZIN | F81000-74 | 2 | |

SECTION 5 ANTI-SPLINTER ASSEMBLY

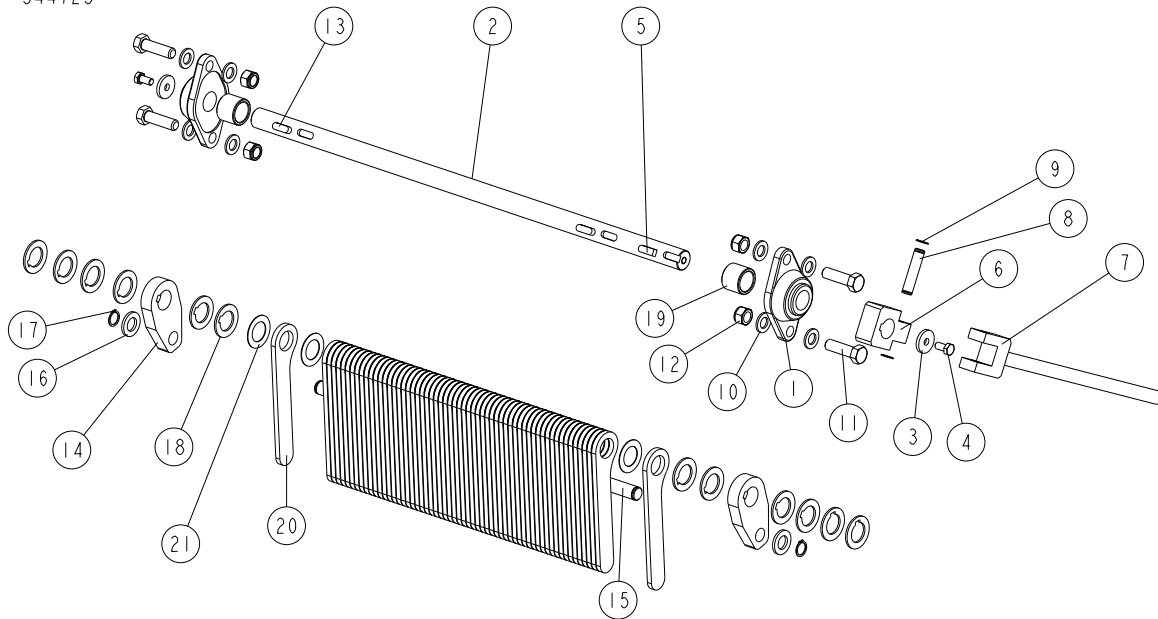
5.1 Anti-Splinter Assembly

544719_001
 544719



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|------------|-----|
| - | ANTI-SPLINTER ASSEMBLY | 544719 | 1 |
| 1 | MOUNT WELDMENT, ANTI-SPLINTER CURTAIN | 544720-1 | 1 |
| 2 | CURTAIN, ANTI-SPLINTER See Section 5.2 | 544723 | 1 |
| 3 | PLATE, CRANK HANDLE LOCK | 533707-1 | 1 |
| 4 | WASHER, 8.4 FLAT ZINC | F81054-1 | 9 |
| 5 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 9 |
| 6 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 2 |
| 7 | PLATE, GUIDE | 533708-1 | 1 |
| 8 | BOLT, M8X30-8.8 HEX HEAD FULL THREAD ZIN | F81002-7 | 7 |
| 9 | WASHER, 10.5 FLAT ZINC | F81055-1 | 8 |
| 10 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 8 |
| 11 | BOLT,M10X35-8.8 HEX HEAD FULL THREAD ZIN | F81003-17 | 4 |
| 12 | SCREW, M10X30 8.8 HEX SOCKET HEAD CAP ZI | F81003-110 | 4 |

5.2 Anti-Splinter Curtain (544723)

544723_001
544723

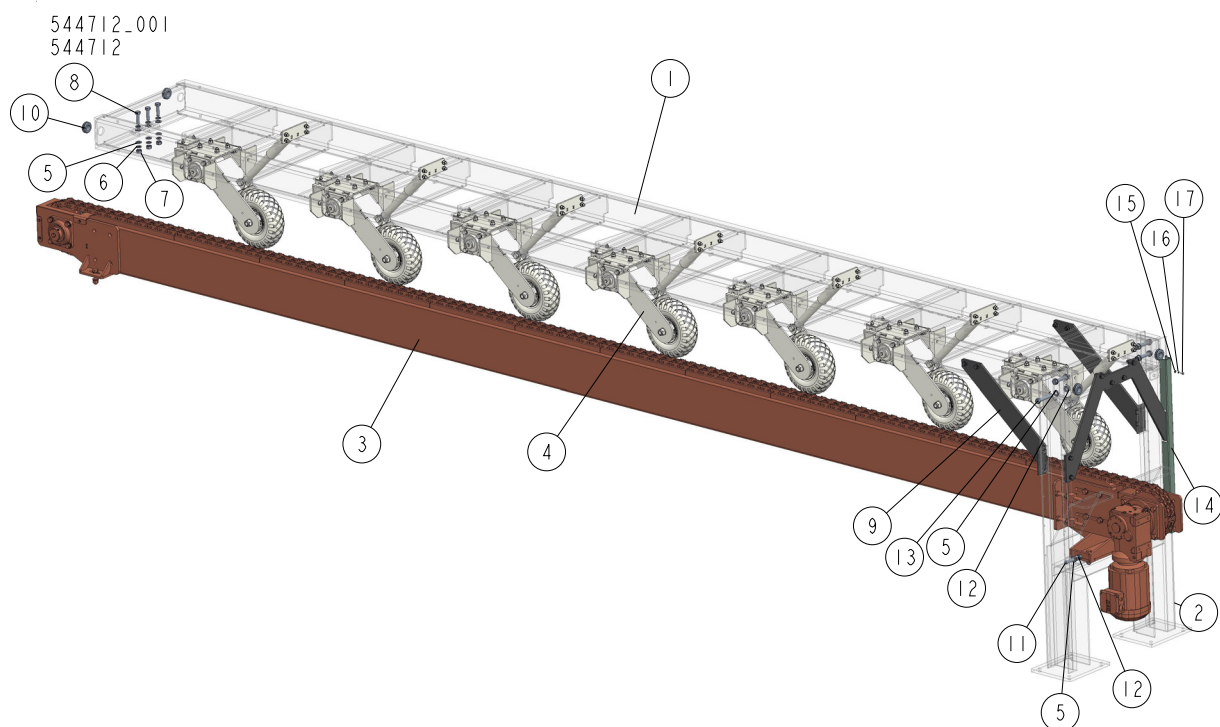
| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | CURTAIN, ANTI-SPLINTER | 544723 | 1 |
| 1 | BEARING, UCFL 206 CX W/HOUSING | 090851 | 2 |
| 2 | SHAFT, ANTI-KICKBACK FINGER | 544724-1 | 1 |
| 3 | WASHER, 35X10.5-5 | 525395-1 | 2 |
| 4 | BOLT, ISO 4017-M10X20-8.8-A2E HEX HEAD F | F81003-53 | 2 |
| 5 | KEY, AB 10X8X28 PARALLEL | 525391 | 1 |
| - | HANDLE ASSEMBLY, CRANK | 525389 | 1 |
| 6 | BRACKET, 90X60X30 | 525390-1 | 1 |
| 7 | HANDLE WELDMENT, CRANK | 525393-1 | 1 |
| 8 | PIN, 15X68 | 525394-1 | 1 |
| 9 | RING, Z15 OUTER RETAINING | F81090-2 | 2 |
| 10 | WASHER, 17 FLAT ZINC | F81058-1 | 8 |
| 11 | BOLT M16X55-8.8-FE/ZN5 PN/M-82105. | F81006-61 | 4 |
| 12 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 4 |
| 13 | KEY, A10X8X30 PARALLEL | 507012 | 2 |
| 14 | PLATE, SHAFT MOUNT | 533701-1 | 2 |
| 15 | SHAFT, PIVOT | 533697-1 | 1 |
| 16 | WASHER, 21 FLAT ZINC | F81059-2 | 2 |
| 17 | RING, Z20 RETAINING | F81090-27 | 2 |
| 18 | WASHER, 50X50X3 SPECIAL | 524991 | 12 |
| 19 | BUSHING, 30.5/40-32.5 | 533702-1 | 2 |
| 20 | FINGER, ANTI-KICKBACK | 533693-1 | 61 |
| 21 | RING, SPACER (2) | 533699-1 | 61 |

6 7M OUTFEED CONVEYOR (TAILER) 544712.

7m Tailer (544712)

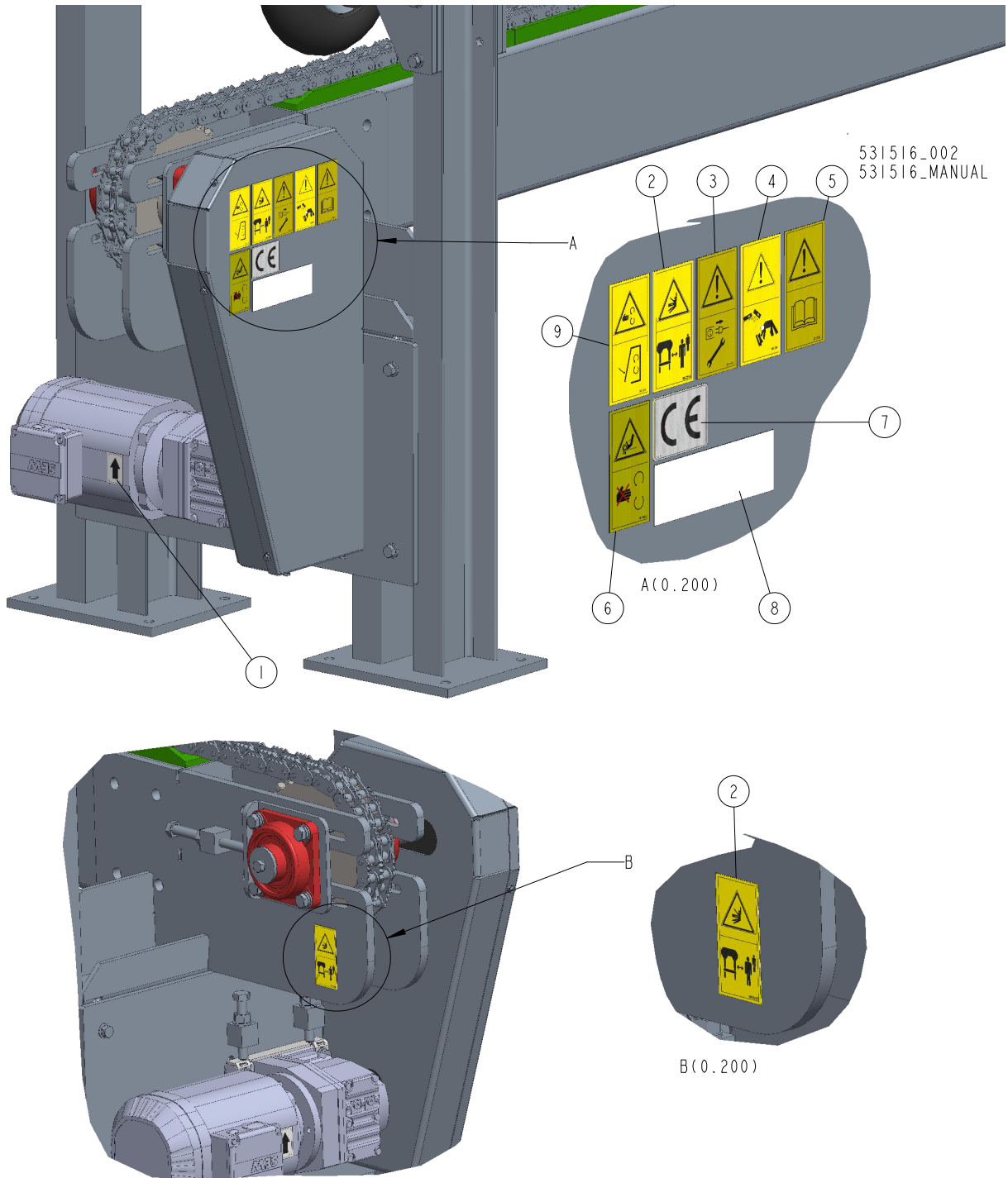
SECTION 6 7M OUTFEED CONVEYOR (TAILER) 544712.

6.1 7m Tailer (544712)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | TAILER 7M | 544712 | 1 |
| 1 | FRAME | 538305-1 | 1 |
| 2 | FRAME, HOLD-DOWN SUPPORT | 538318-1 | 1 |
| 3 | TRANSPORTER TAILER See Section 6.3 | 544713 | 1 |
| 4 | WHEEL, TAILER HOLD-DOWN See Section 6.6 | 538320 | 7 |
| 5 | WASHER, 17 FLAT ZINC | F81058-1 | 16 |
| 6 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 6 |
| 7 | NUT, M16-8-HEX ZINC | F81036-1 | 3 |
| 8 | BOLT M16X55-8.8-FE/ZN5 PN/M-82105. | F81006-61 | 3 |
| 9 | BRACKETS See Section 6.7 | 533166 | 1 |
| 10 | GROMMET, 30X42X8 RUBBER | 509717 | 4 |
| 11 | BOLT, M16X100-8.8 HEX HEAD FULL THREAD Z | F81006-2 | 2 |
| 12 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 6 |
| 13 | BOLT, M16X100-8.8 HEX HEAD ZINC. | F81006-60 | 4 |
| 14 | COVER 1 | 547934-1 | 1 |
| 15 | WASHER, 6.4 FLAT ZINC | F81053-1 | 5 |
| 16 | WASHER, Z 6.1 SPLIT LOCK | F81053-3 | 5 |
| 17 | BOLT, M6X12-8.8 HEX HEAD FULL THREAD ZIN | F81001-7 | 5 |

6.2 Decals

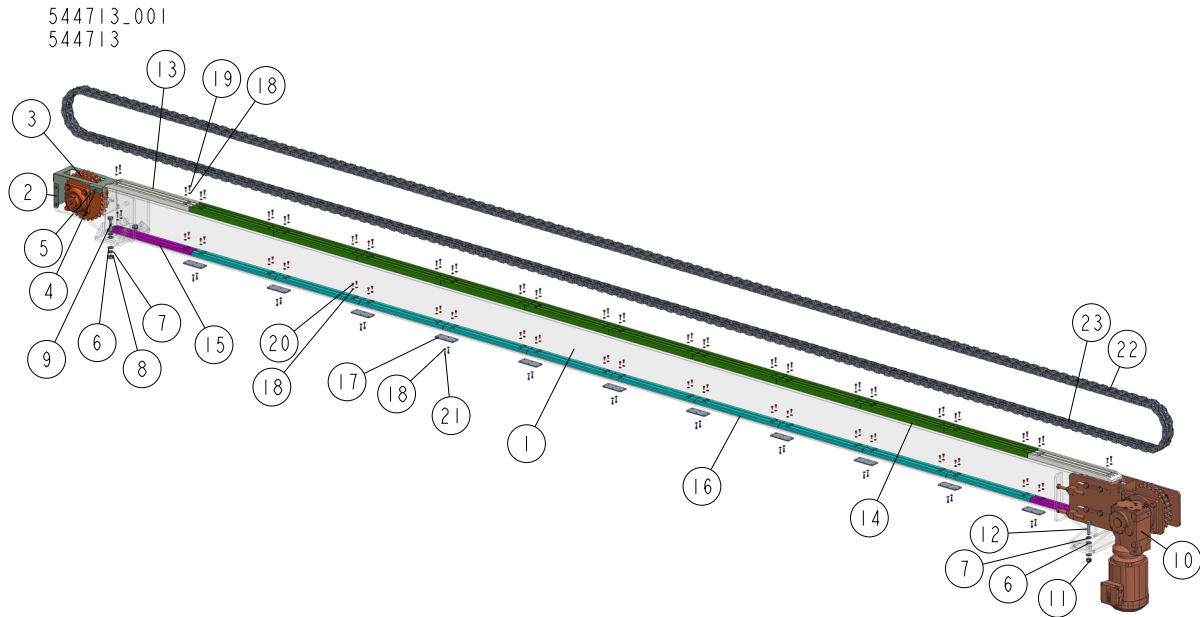


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|--------|-----|
| - | DECAL KIT, EA3000 TAILER | 534852 | 1 |
| 1 | DECAL, MOTOR DIRECTION | S20097 | 1 |
| 2 | DECAL, KEEP AWAY DANGER, PICTOGRAM | 099221 | 2 |
| 3 | DECAL, "DISCONNECT POWER SUPPLY BEFORE S | 098177 | 1 |
| 4 | DECAL, LOOK OUT FOR THE FALLING SLABS (| 099780 | 1 |
| 5 | 6 | 096317 | 1 |
| 6 | DECAL, TOOTHED GEAR WARNING | 099540 | 1 |

6**7M OUTFEED CONVEYOR (TAILER) 544712.***Decals*

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|----------------|-----|--|
| 7 | DECAL, CE CERTIFIED MACHINE [SMALL] | P85070 | 1 | |
| 8 | | DECAL, VIN NO. | 1 | |
| 9 | DECAL, SAWMILL COVERS CAUTION | 099220 | 1 | |

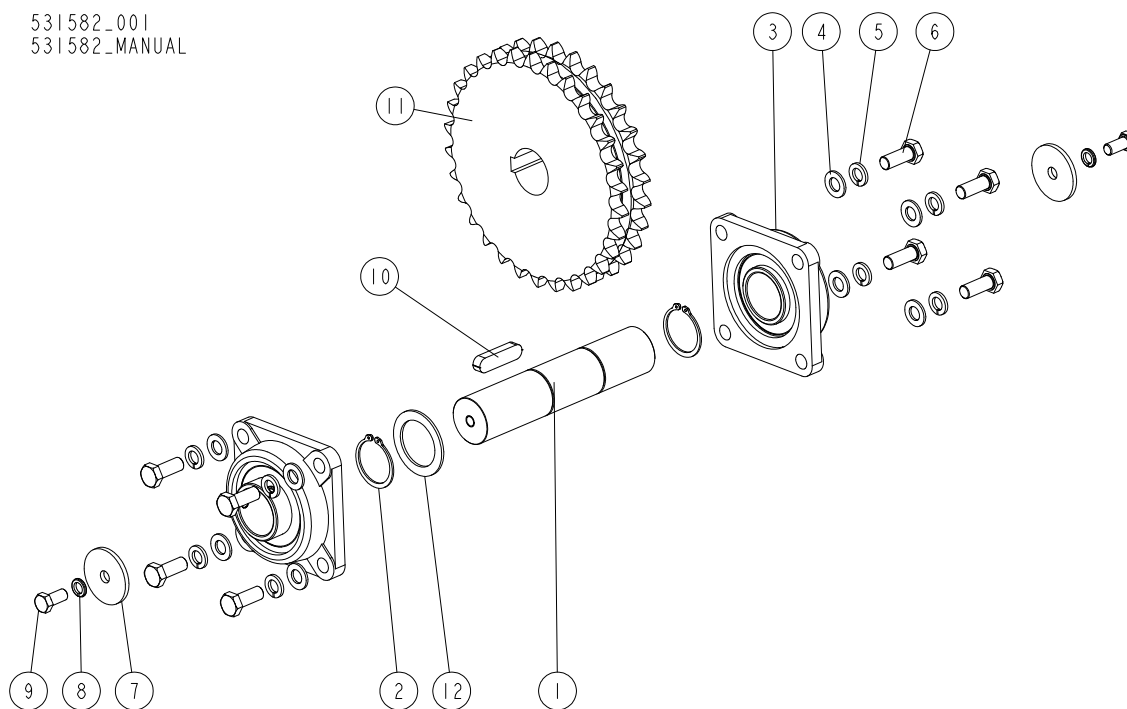
6.3 Outfeed Chain Bridge (544713)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|---|-----------|-----|
| - | TRANSPORTER TAILER | 544713 | 1 |
| 1 | TUBE WELDMENT | 544714-1 | 1 |
| 2 | HOUSING, IDLER SPROCKET | 531589-1 | 1 |
| 3 | SPROCKET ASSEMBLY, IDLER See Section 6.4 | 531582 | 1 |
| 4 | WASHER, 6.4 FLAT ZINC | F81053-1 | 6 |
| 5 | BOLT, M6X16-5.8 HEX HEAD FULL THREAD ZIN | F81001-15 | 6 |
| 6 | WASHER, 17 FLAT ZINC | F81058-1 | 8 |
| 7 | WASHER, 16.3 SPLIT LOCK ZINC | F81058-2 | 6 |
| 8 | NUT, M16-8-HEX ZINC | F81036-1 | 2 |
| 9 | BOLT, M16X65 8.8 HEX HEAD FULL THREAD ZI | F81006-1 | 2 |
| 10 | SPROCKET ASSEMBLY, DRIVE COMPLETE See Section 6.5 | 544716 | 1 |
| 11 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 2 |
| 12 | BOLT, M16 X 60 8.8 FE/ZN5 HEX HEAD FULL | F81006-12 | 2 |
| - | WEARSTRIPS SET | 544717 | 1 |
| 13 | WEARSTRIP, ST-4P CHAIN (1) | 533170 | 2 |
| 14 | WEARSTRIP, ST-4P CHAIN (2) | 533167 | 10 |
| 15 | WEARSTRIP, ST-4P CHAIN (3) | 533171 | 2 |
| 16 | WEARSTRIP, ST-4P CHAIN (4) | 533168 | 10 |
| 17 | PLATE, LOWER CONNECTION | 533172-1 | 11 |
| 18 | WASHER, 6.4 FLAT ZINC | F81053-1 | 118 |
| 19 | SCREW, M6X20 8.8 HEX SOCKET HEAD CAP ZIN | F81001-22 | 52 |
| 20 | SCREW, M6X10-8.8 HEX SOCKET HEAD CAP ZIN | F81001-12 | 44 |
| 21 | SCREW, M6X16 8.8 HEX SOCKET HEAD CAP ZIN | F81001-21 | 22 |
| - | CHAIN 80-ST-ALL-4P COMPLETE | 544718 | 1 |
| 22 | LINK 80-2-ST-ALL-4P | 533173 | 227 |
| 23 | LINK, 80-2-ST-ALL-4P MASTER | 533175 | 1 |

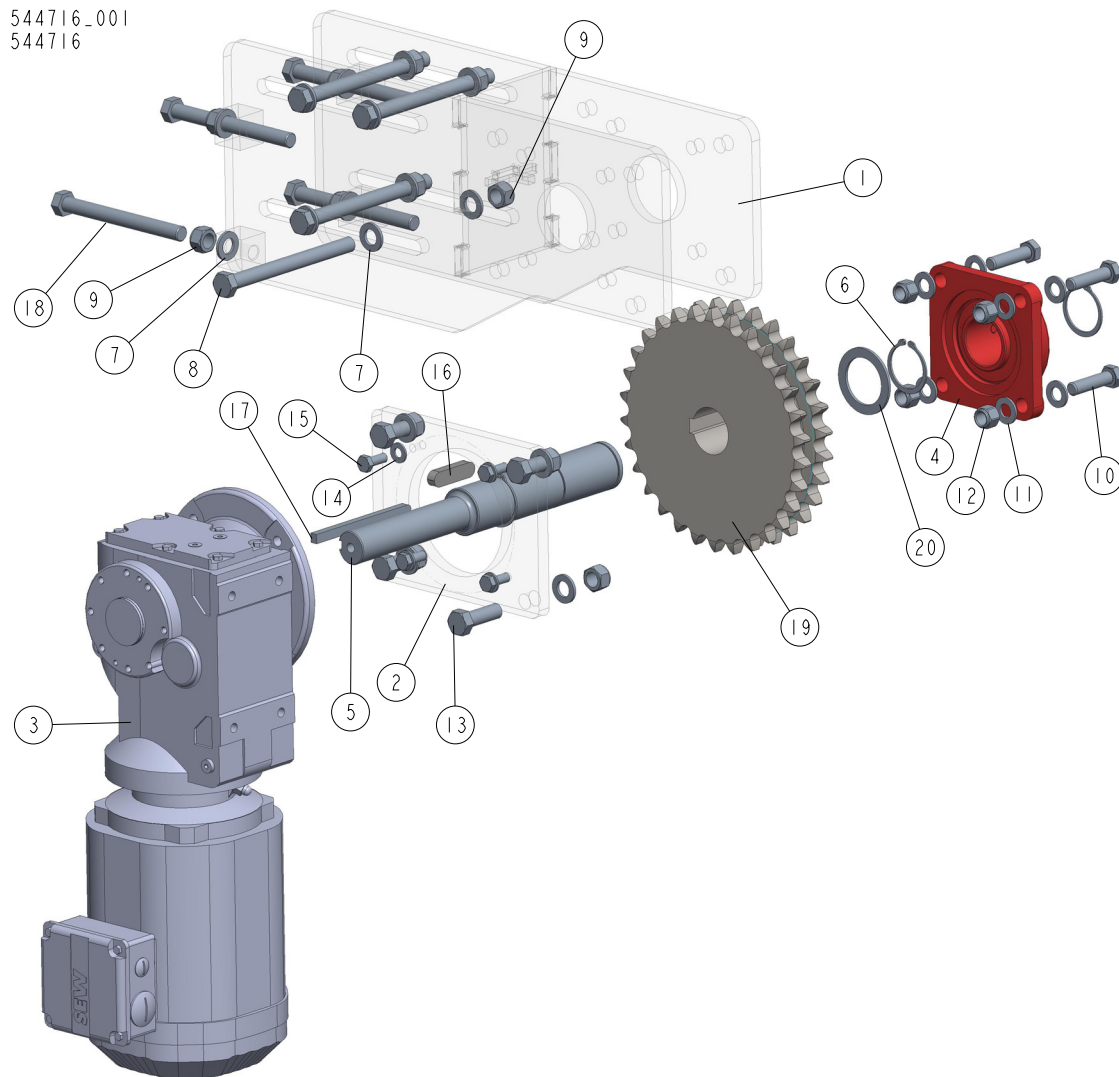
6.4 Idler Sprocket Assembly (531582)

531582_001
531582_MANUAL



| REF. | DESCRIPTION (* indicates parts available in assemblies only) | PART # | QTY |
|------|--|-----------|-----|
| - | SPROCKET ASSEMBLY, IDLER | 531582 | 1 |
| 1 | SHAFT, IDLER SPROCKET | 531581 | 1 |
| 2 | RING, Z50 OUTSIDE RETAINING | F81090-28 | 2 |
| 3 | BEARING, UCF 210 W/HOUSING | 523104 | 2 |
| 4 | WASHER, 15 FLAT ZINC | F81057-2 | 8 |
| 5 | WASHER, 14.2 SPLIT LOCK ZINC | F81057-1 | 8 |
| 6 | BOLT, M14X35-8.8-FE/ZN5 ISO 4017 HEX HEAD FULL THREAD | F81005-1 | 8 |
| 7 | WASHER, 13/60-5 ZINC-PLATED | 098613-1 | 2 |
| 8 | WASHER, 12.2 DIN127 A2 STAINLESS STEEL SPLIT LOCK | F81056-8 | 2 |
| 9 | BOLT, M12X25-8.8 HEX HEAD FULL THREAD ZINC | F81004-31 | 2 |
| 10 | KEY, A16X10X60 PARALLEL | 099238 | 1 |
| 11 | SPROCKET, ANSI MARTIN D80 B30 UPC 697950022079 | 533210 | 1 |
| 12 | WASHER, SPROCKET SPACER | 533230-1 | 1 |

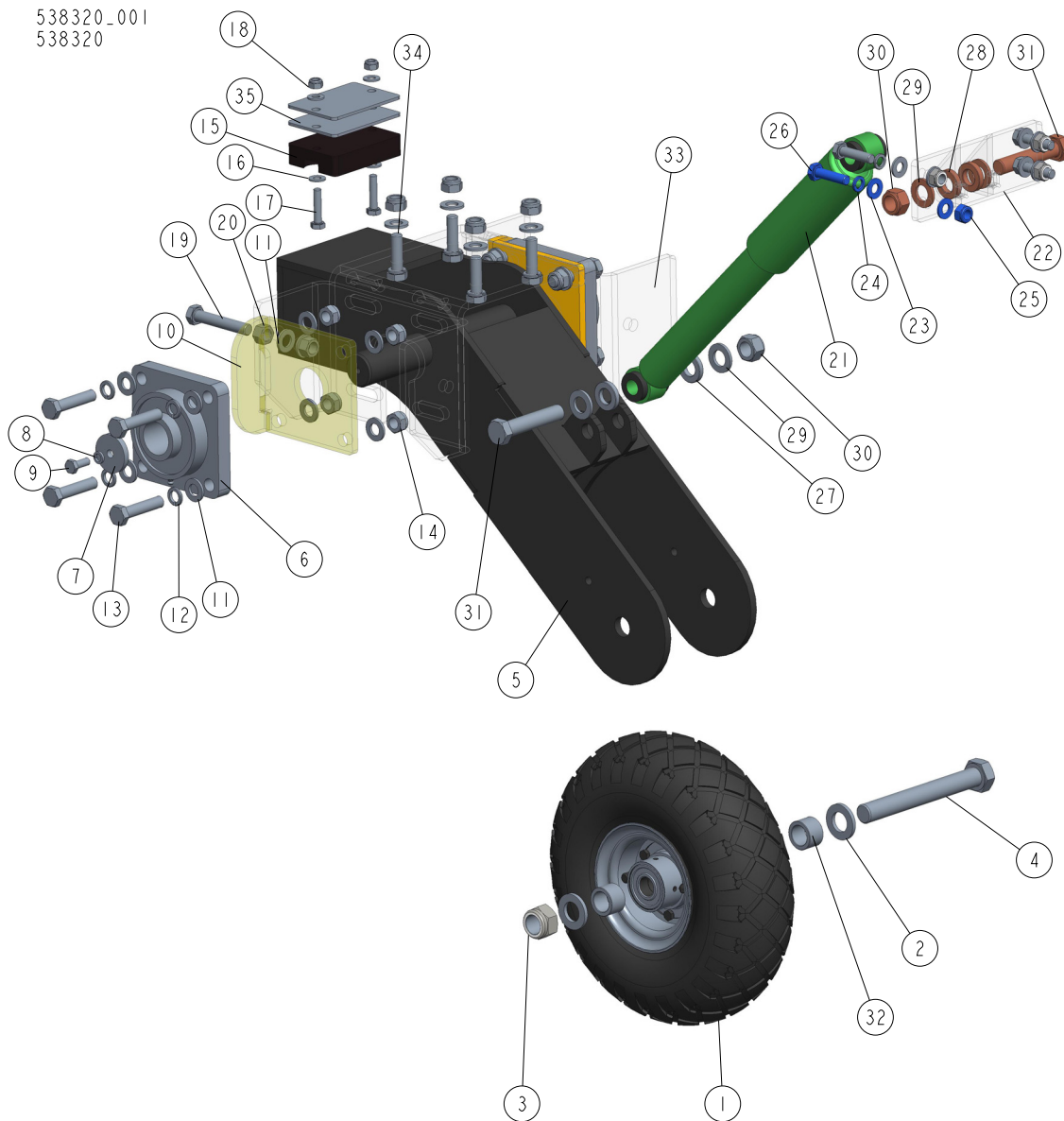
6.5 Drive Assembly (544716)



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | SPROCKET ASSEMBLY, DRIVE COMPLETE | 544716 | 1 |
| 1 | SPROCKET ASSEMBLY, DRIVE | 538322-1 | 1 |
| 2 | ADAPTER MOTOREDUCER | 532714-1 | 1 |
| 3 | MOTOREDUCER KAF47 DRN100L4;I=6,58; N2=267 REV/MIN;3,7 KW;M1A | 716713 | 1 |
| 4 | BEARING UNIT, UCF 210 FAG/SKF/NSK/INA | 523104 | 1 |
| 5 | SHAFT, DRIVE | 532716 | 1 |
| 6 | RING, Z50 OUTSIDE RETAINING | F81090-28 | 3 |
| 7 | WASHER, 17 FLAT ZINC | F81058-1 | 16 |
| 8 | BOLT, ISO 4017-M16X180-8.8-A2E HEX HEAD | F81006-31 | 4 |
| 9 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 12 |
| 10 | BOLT, M14X55-8.8 HEX HEAD FULL THREAD ZI | F81005-2 | 4 |
| 11 | WASHER, FLAT, M14 BOLT, ZINC | F81057-2 | 8 |
| 12 | NUT, M14 HEX NYLON ZINC LOCK | F81035-2 | 4 |
| 13 | BOLT, M16 X 50-8.8 HEX HEAD | F81006-7 | 4 |
| 14 | WASHER, 10.5 FLAT ZINC | F81055-1 | 4 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|-----------|-----|--|
| 15 | BOLT, M10 X 25 8.8 FE/ZN5, PN-M/82105 | F81003-31 | 4 | |
| 16 | KEY, A16X10X60 PARALLEL | 099238 | 1 | |
| 17 | KEY, AB 10X8X140 PARALLEL | 532717 | 1 | |
| 18 | BOLT, M16X160 8.8 HEX HEAD FULL THREAD Z | F81006-23 | 4 | |
| 19 | SPROCKET, ANSI MARTIN D80 B30 UPC 697950 | 533210 | 1 | |
| 20 | WASHER, SPROCKET SPACER | 533230-1 | 1 | |

6.6 Hold-Down Wheel Assembly (538320)

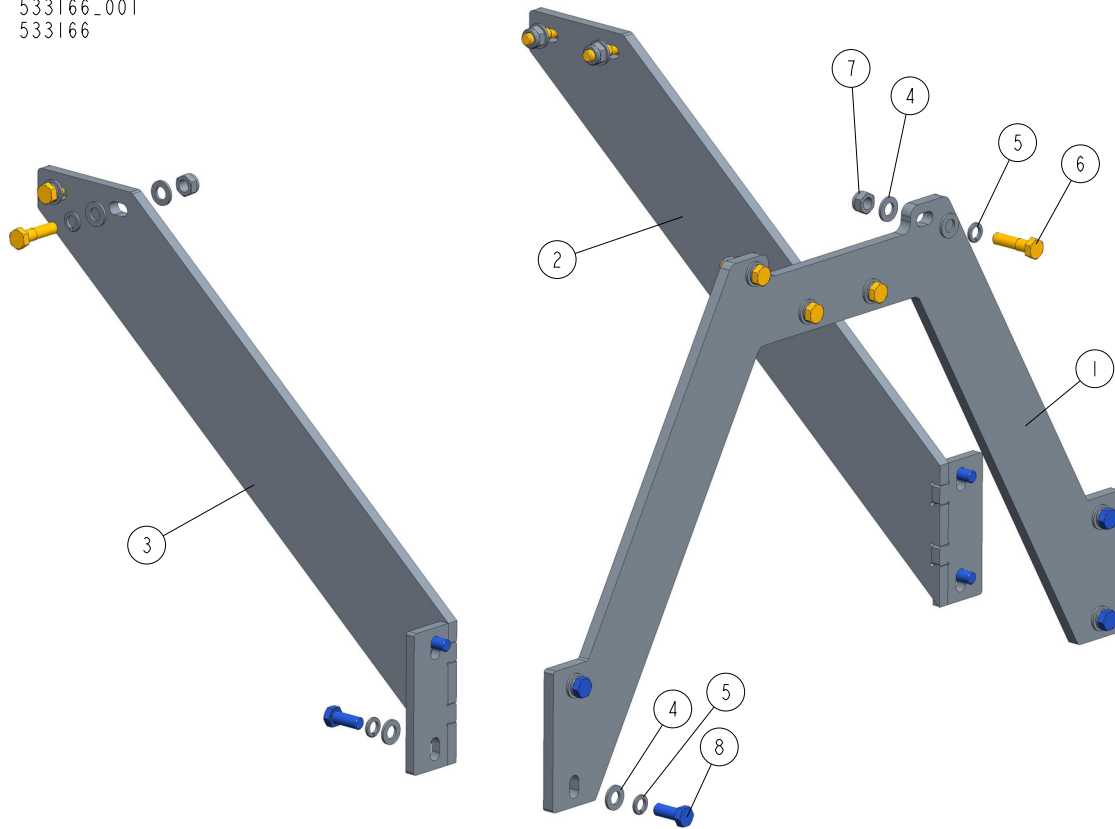


| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | WHEEL, TAILER HOLD-DOWN | 538320 | 1 |
| 1 | WHEEL, FI300X100 | 533624 | 1 |
| 2 | WASHER, 21 FLAT ZINC | F81059-2 | 2 |
| 3 | NUT, M20-8 DIN985 HEX NYLON ZINC LOCK | F81037-2 | 1 |
| 4 | BOLT, M20X160-8.8 HEX HEAD ZINC | F81007-35 | 1 |
| 5 | MOUNT WELDMENT, HOLD-DOWN WHEEL | 531862-1 | 1 |
| 6 | BEARING, UCF 207 W/HOUSING | 097668 | 2 |
| 7 | WASHER, 8.5/40-6 ZINC-PLATED | 512011-1 | 2 |
| 8 | WASHER 8,2 SPLIT LOCK ZINC | F81054-4 | 2 |
| 9 | BOLT, M8X20-8.8 HEX HEAD FULL THREAD ZIN | F81002-4 | 2 |
| 10 | TENSIONER, WHEEL | 531870-1 | 2 |
| 11 | WASHER, 13 FLAT ZINC | F81056-1 | 24 |

| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY | |
|-----|--|------------|-----|--|
| 12 | WASHER SPLIT STAINLESS STEEL 12.2 DIN127 A2 | F81056-8 | 12 | |
| 13 | BOLT, M12X55-8.8 HEX HEAD ZINC | F81004-12 | 8 | |
| 14 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 12 | |
| 15 | BUMPER, GRENE 70 3201 0010 RUBBER | 094969 | 1 | |
| 16 | WASHER, 8.4 FLAT ZINC | F81054-1 | 4 | |
| 17 | BOLT, M8X35-8.8 HEX HEAD FULL THREAD ZIN | F81002-13 | 2 | |
| 18 | NUT, M8-8-B HEX NYLON ZINC LOCK | F81032-2 | 2 | |
| 19 | BOLT, M12X70-8.8 HEX HEAD FULL THREAD Z | F81004-102 | 2 | |
| 20 | NUT, M12-8-B HEX ZINC | F81034-1 | 4 | |
| 21 | ABSORBER, MONROE V1002 SHOCK | 533623 | 1 | |
| 22 | BRACKET, PNEUMATIC CYLINDER MOUNT | 533628-1 | 1 | |
| 23 | WASHER, 10.5 FLAT ZINC | F81055-1 | 8 | |
| 24 | WASHER, Z 10.2 SPLIT LOCK ZINC | F81055-2 | 4 | |
| 25 | NUT, M10-8-B HEX NYLON ZINC LOCK | F81033-1 | 4 | |
| 26 | BOLT, M10 X 40-8.8 HEX HEAD FULL THREAD | F81003-16 | 4 | |
| 27 | BUSHING, 16.5/30-5.5 ZINC-PLATED | 533629-1 | 2 | |
| 28 | BUSHING, 16.5/30-6.5 ZINC-PLATED | 533630-1 | 2 | |
| 29 | WASHER, 17 FLAT ZINC | F81058-1 | 4 | |
| 30 | NUT, M16-8 HEX NYLON ZINC LOCK | F81036-2 | 2 | |
| 31 | BOLT, M16X80-8.8 HEX HEAD ZINC | F81006-41 | 2 | |
| 32 | BUSHING 21/30-19.5 ZINC | 538352-1 | 2 | |
| 33 | PLATE BRACKET | 538340-1 | 1 | |
| 34 | BOLT, M12X40-8.8 HEX HEAD FULL THREAD ZI | F81004-4 | 4 | |
| 35 | WASHER | 547852-1 | 2 | |

6.7 Brackets (533166)

533166_001
533166



| REF | DESCRIPTION (◆ indicates parts available in assemblies only) | PART # | QTY |
|-----|--|-----------|-----|
| - | BRACKETS | 533166 | 1 |
| 1 | PLATE, FRONT STIFFENER | 533160-1 | 1 |
| 2 | PLATE, RIGHT MOUNT | 533163-1 | 1 |
| 3 | PLATE, LEFT MOUNT | 533164-1 | 1 |
| 4 | WASHER, 13 FLAT ZINC | F81056-1 | 24 |
| 5 | WASHER SPLIT LOCK 12.2 DIN127 A2 | F81056-8 | 16 |
| 6 | BOLT, M12X45-8.8 HEX HEAD ZINC | F81004-32 | 8 |
| 7 | NUT, M12-8 HEX NYLON ZINC LOCK | F81034-2 | 8 |
| 8 | BOLT, M12 X 30-8.8 HEX HEAD FULL THREAD | F81004-22 | 8 |