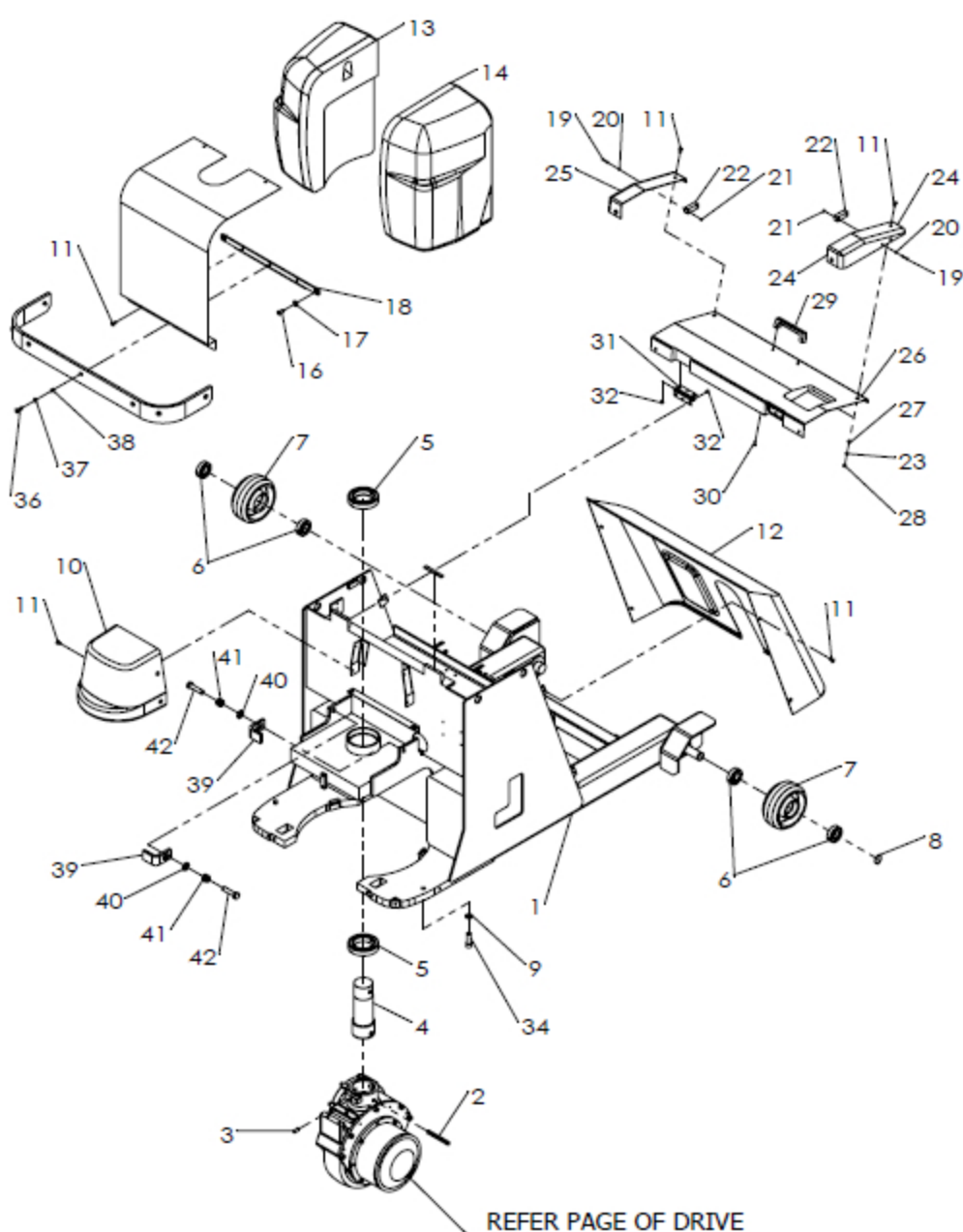


# FRAME 1

FX90S, 9ST, 90W, 9WT



# FRAME 1

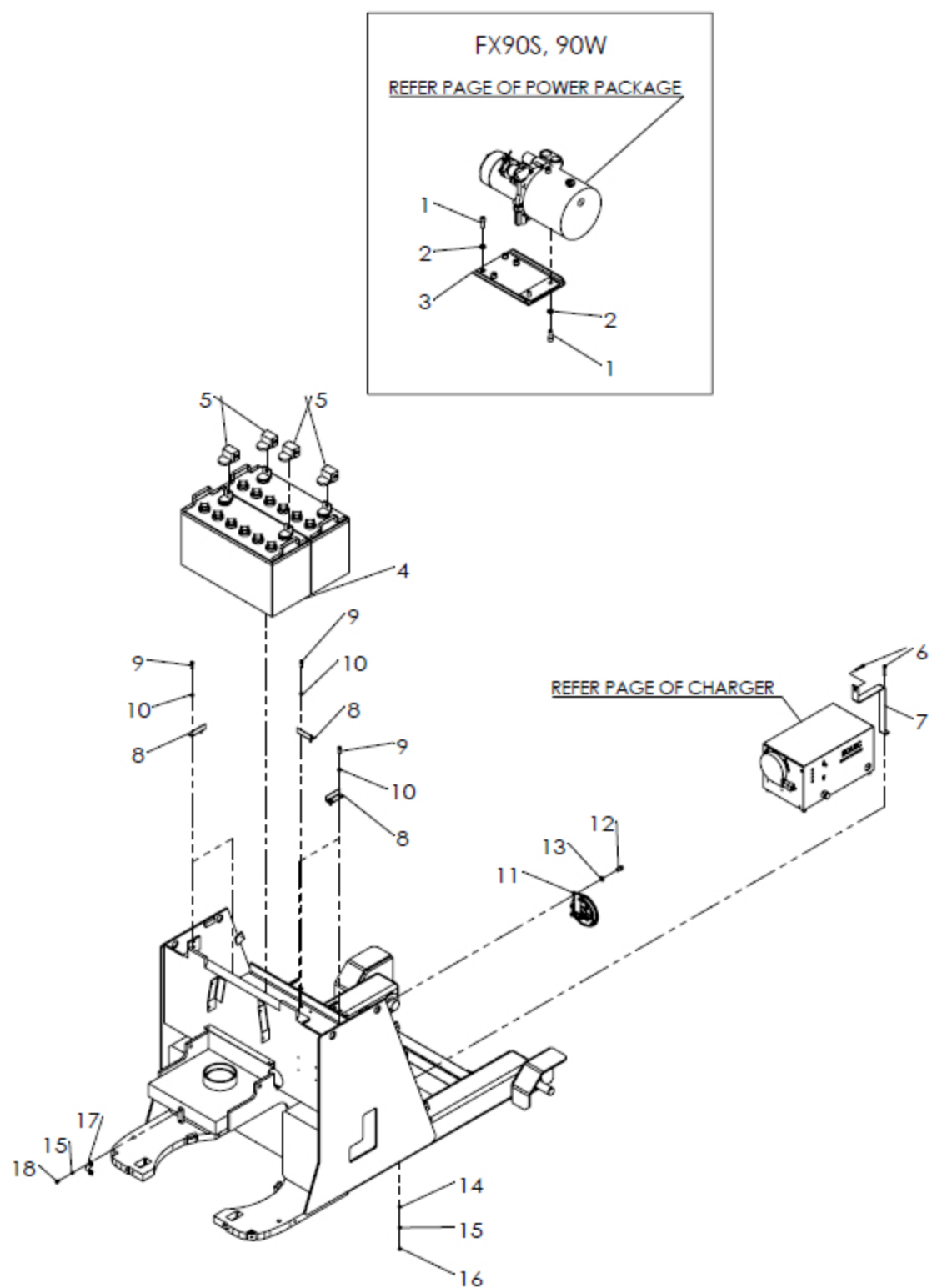
90S, 9ST, 90W, 9WT

| NO. | PARTS NO     | PARTS NAME                 | Q' TY | DRAWING NO  |
|-----|--------------|----------------------------|-------|-------------|
| 1   | 10080-01017  | FRAME                      | 1     |             |
| 2   | RP-1090      | ROLL PIN $\phi$ 10x90      | 1     |             |
| 3   | SS-0820      | S-BOLT M8x20               | 1     |             |
| 4   | 2101-1601    | HANDLE SHAFT               | 1     | 2012465     |
| 5   | BB-6012LLU   | BALL BEARING 6012LL        | 2     |             |
| 6   | BB-6205ZZ    | BALL BEARING 6205ZZ        | 4     |             |
| 7   | ET00-0186    | URETHANE TIRE              | 2     | F8049-F9012 |
| 8   | SRS-25       | SNAP RING S-25             | 2     |             |
| 9   | SW-12        | SW M12                     | 2     |             |
| 10  | F8049-F9017  | CYLINDER COVER             | 1     | F8049-F9017 |
| 11  | MSB-0510T    | P+BOLT M5x10 BLACK COATING | 16    |             |
| 12  | EK00-0673    | FRONT COVER                | 1     | F8049-F9014 |
| 13  | 10080-01006  | COUNTER WEIGHT L           | 1     | F8049-F9009 |
| 14  | 10080-01007  | COUNTER WEIGHT R           | 1     | F8049-F9009 |
| 15  | E000-0696    | DRIVE COVER                | 1     | F8049-F9020 |
| 16  | LHS-CBSS8-16 | LHS BOLT CBSS8-16          | 2     |             |
| 17  | PW-08        | PW M8                      | 2     |             |
| 18  | 10080-01009  | BUMPER SUPPORT             | 1     | F8049-F9021 |
| 19  | MS-0320N     | P-BOLT(+) M3x20            | 4     |             |
| 20  | PW-03        | PW M3                      | 4     |             |
| 21  | HN-03        | H-NUT M3                   | 4     |             |
| 22  | 99000-00003  | MAGNET CATCH_C-93          | 2     |             |
| 23  | SW-05        | SW M5                      | 4     |             |
| 24  | 10080-01010  | BATTERY COVER END(R)       | 1     | F8050-F6005 |
| 25  | 10080-01011  | BATTERY COVER END(L)       | 1     | F8050-F6005 |
| 26  | 10080-01059  | BATTERY COVER              | 1     | F8050-F6004 |
| 27  | PW-05        | PW M5                      | 4     |             |
| 28  | HN-05        | H-NUT M5                   | 4     |             |
| 29  | 99000-00002  | HANDLE_AP-41H-5            | 1     |             |
| 30  | MSB-0410T    | P+BOLT M4x10 BLACK COATING | 2     |             |

# FRAME 1

90S, 9ST, 90W, 9WT

| NO. | PARTS NO    | PARTS NAME                   | Q' TY | DRAWING NO   |
|-----|-------------|------------------------------|-------|--------------|
| 31  | 99000-00001 | HINGE B-101-4                | 2     |              |
| 32  | MSB-0406T   | P+BOLT M4x6 BLACK COATING    | 12    |              |
| 33  | 10080-01012 | BATTERY COVER STOPPER RUBBER | 2     | F8049-F9303  |
| 34  | CS-1235     | HS-BOLT M12x35               | 2     |              |
| 35  | 10080-01013 | BUMPER RUBBER                | 1     | 37811-F9025  |
| 36  | MSB-0620T   | P+BOLT M6x20 BLACK COATING   | 7     |              |
| 37  | PW-06       | PW M6                        | 7     |              |
| 38  | EK00-0615   | SPACER_SMKB6-10              | 7     |              |
| 39  | 10080-01015 | PLATE LOCK                   | 2     | 210-03-31140 |
| 40  | PW-12       | PW M12                       | 2     |              |
| 41  | HLN-12      | HL-NUT M12                   | 2     |              |
| 42  | HB-1250     | H-BOLTS_M12x50               | 2     |              |

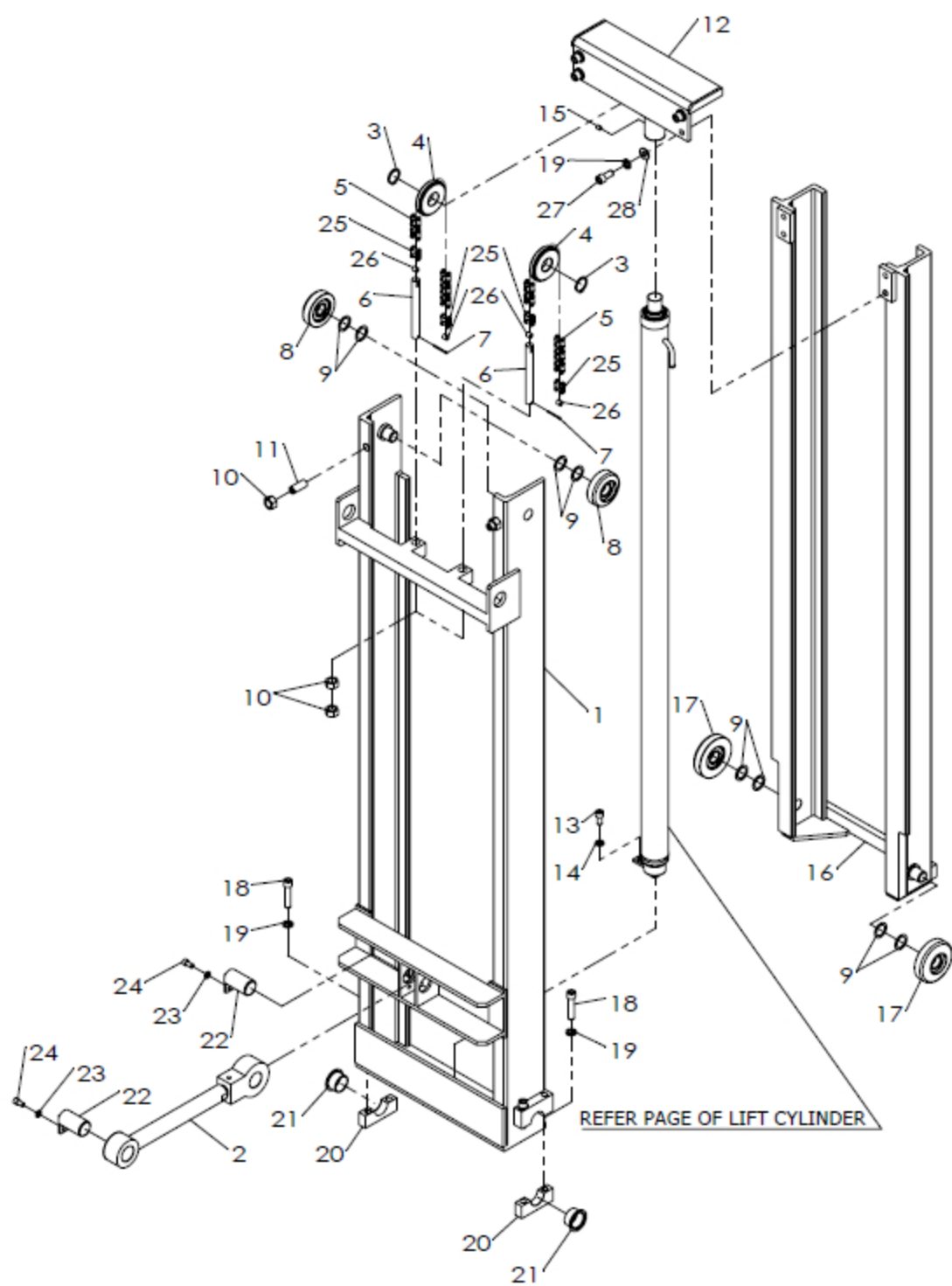


FRAME 2

| NO. | PARTS NO    | PARTS NAME                    | Q' TY | DRAWING NO   |
|-----|-------------|-------------------------------|-------|--------------|
| 1   | CS-1025     | HS-BOLT M10x25L               | 6     |              |
| 2   | SW-10       | SW M10                        | 6     |              |
| 3   | 10050-01001 | PACKAGE BRACKET               | 1     | F8049-F9312A |
| 4   | 95007-00001 | BATTERY _EB100                | 2     |              |
| 5   | 95007-00006 | BATTERY TERMINAL COVER_GIC228 | 4     |              |
| 6   | HS-0530     | HS-BOLT M5x30                 | 2     |              |
| 7   | 10080-01014 | CHARGER HOLDER                | 1     | F8049-F9304  |
| 8   | 1500-0104   | BATTERY STOPPER               | 5     | EX-1721A     |
| 9   | CS-0616     | HS-BOLT M6x16                 | 10    |              |
| 10  | SW-06       | SW M6                         | 10    |              |
| 11  | 9905-0001   | HORN_SPH-24V                  | 1     |              |
| 12  | CS-0812     | HS-BOLT M8x12L                | 2     |              |
| 13  | SW-08       | SW M8                         | 2     |              |
| 14  | PW-05       | PW M5                         | 1     |              |
| 15  | SW-05       | SW M5                         | 3     |              |
| 16  | HN-05       | H-NUT M5                      | 1     |              |
| 17  | 99000-00007 | SADDLE ST-19                  | 1     |              |
| 18  | MS-0510T    | P+BOLT M5x10                  | 2     |              |

# MAST

FX90W



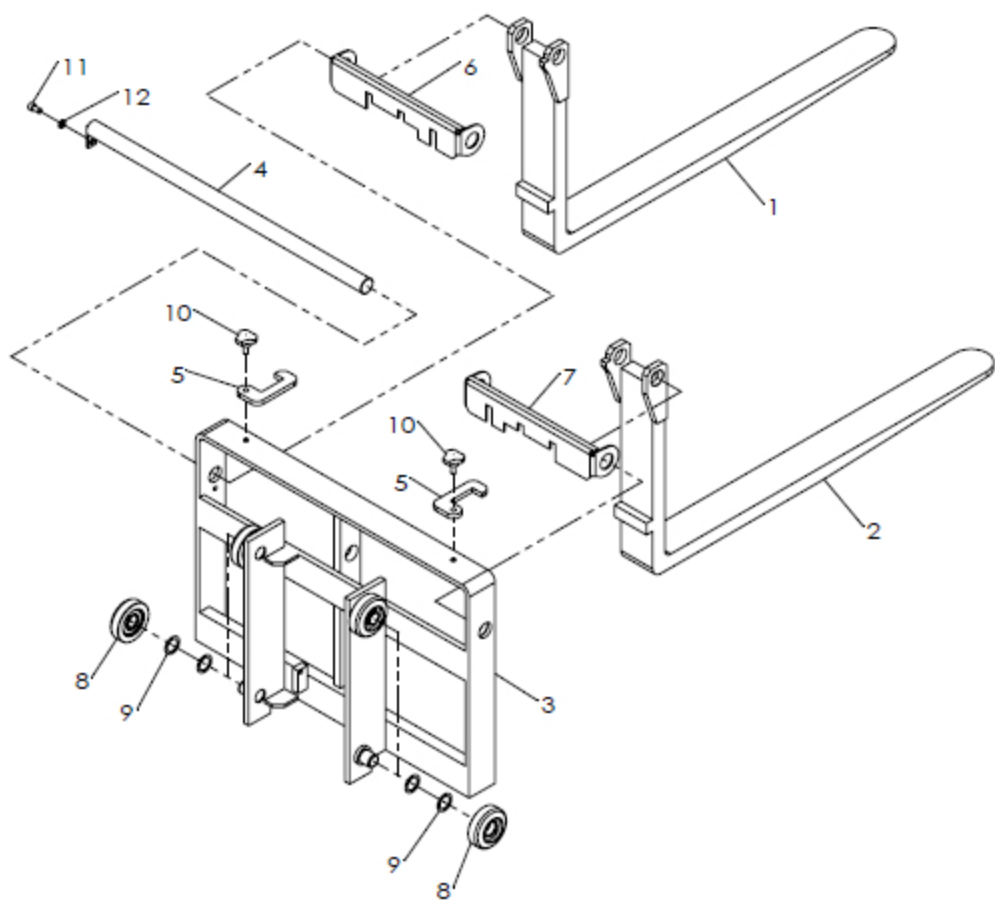
# MAST

FX90W

| NO. | PARTS NO    | PARTS NAME                        | Q' TY | DRAWING NO  |
|-----|-------------|-----------------------------------|-------|-------------|
| 1   | 10080-02006 | OUTER MAST                        | 1     | F8049-F9019 |
| 2   | 10050-02016 | MAST BRACE                        | 1     | 3003082A    |
| 3   | SRS-30      | SNAP RING S-30                    | 2     |             |
| 4   | 1512-0400   | CHAIN WHEEL                       | 2     | 4010139     |
| 5   | 2103-0203   | CHAIN #50 1.60M                   | 2     |             |
| 6   | 1500-1511   | CHAIN END BOLT                    | 2     | EX-1705A    |
| 7   | SP-0330     | SPLIT PIN $\phi$ 3x30             | 2     |             |
| 8   | 2101-0204   | MAST ROLLER 25BFM7903QAV2M        | 2     |             |
| 9   | 2101-0206   | SHIM $\phi$ 35x $\phi$ 25. 3x1. 0 | 8     |             |
| 10  | HN-16       | H-NUT M16                         | 6     |             |
| 11  | 1408-0206   | SLIDE PIN                         | 2     | EX-1338     |
| 12  | 10080-02027 | INNER MAST BRACKET                | 1     |             |
| 13  | CS-1020     | HS-BOLT M10x20                    | 1     |             |
| 14  | SW-10       | SW M10                            | 1     |             |
| 15  | SS-0810     | S-BOLT M8x10                      | 1     |             |
| 16  | 10080-02021 | INNER MAST                        | 1     | 2012464B    |
| 17  | OSA02-4400  | MAST ROLLER 25BFM9501QAV2M        | 2     |             |
| 18  | CS-1255     | HS-BOLT M12x55                    | 4     |             |
| 19  | SW-12       | SW M12                            | 8     |             |
| 20  | 10080-02005 | MAST HINGE BLOCK                  | 2     | 37120-F9005 |
| 21  | 90659-00001 | BUSH BM3520F49FB                  | 2     |             |
| 22  | 2101-0603   | TILT ROD PIN                      | 2     | 4010182     |
| 23  | SW-08       | SW M8                             | 2     |             |
| 24  | CS-0815     | HS-BOLT M8x15                     | 2     |             |
| 25  | EK00-0230   | CHAIN JOINT #50                   | 4     |             |
| 26  | EK00-0233   | CHAIN BUSH #50                    | 4     |             |
| 27  | CS-1225     | HS-BOLT M12x25                    | 4     |             |
| 28  | PW-12       | PW M12                            | 4     |             |

# FORK

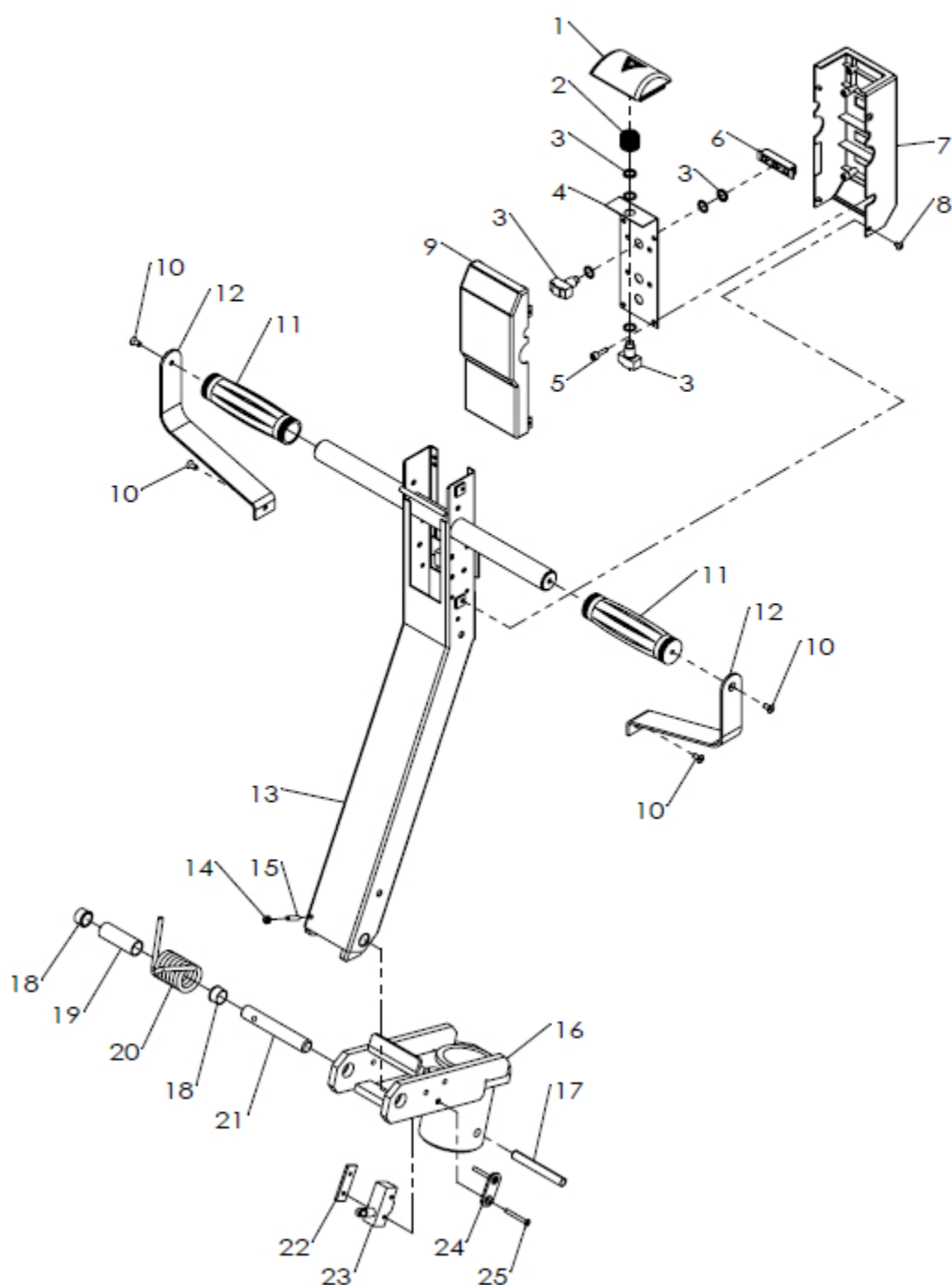
90W, 9WT



# FORK

90W, 9WT

| NO. | PARTS NO    | PARTS NAME                 | Q' TY | DRAWING NO  |
|-----|-------------|----------------------------|-------|-------------|
| 1   | 10080-03004 | FORK (L)                   | 1     | F8049-F9311 |
| 2   | 10080-03009 | FORK (R)                   | 1     | F8049-F9311 |
| 3   | 2104-0303   | CARRIAGE                   | 1     | 3003079E    |
| 4   | 2101-0308   | FORK SHAFT                 | 1     | 3003081C    |
| 5   | 2101-0304   | FORK STOPPER               | 2     | 4010330A    |
| 6   | 10080-03002 | FORK SLIDE STOPPER (L)     | 1     | F8049-F9310 |
| 7   | 10080-03003 | FORK SLIDE STOPPER (R)     | 1     | F8049-F9310 |
| 8   | 2101-0204   | MAST ROLLER 25BFM7903QAV2M | 4     |             |
| 9   | 2101-0206   | SHIM_φ 35xφ 25.3x1.0       | 8     |             |
| 10  | 2101-0305   | KNOB BOLT KT-B3 (M8x20)    | 2     |             |
| 11  | CS-0815     | HS-BOLT M8x15L             | 1     |             |
| 12  | SW-08       | SW M8                      | 1     |             |



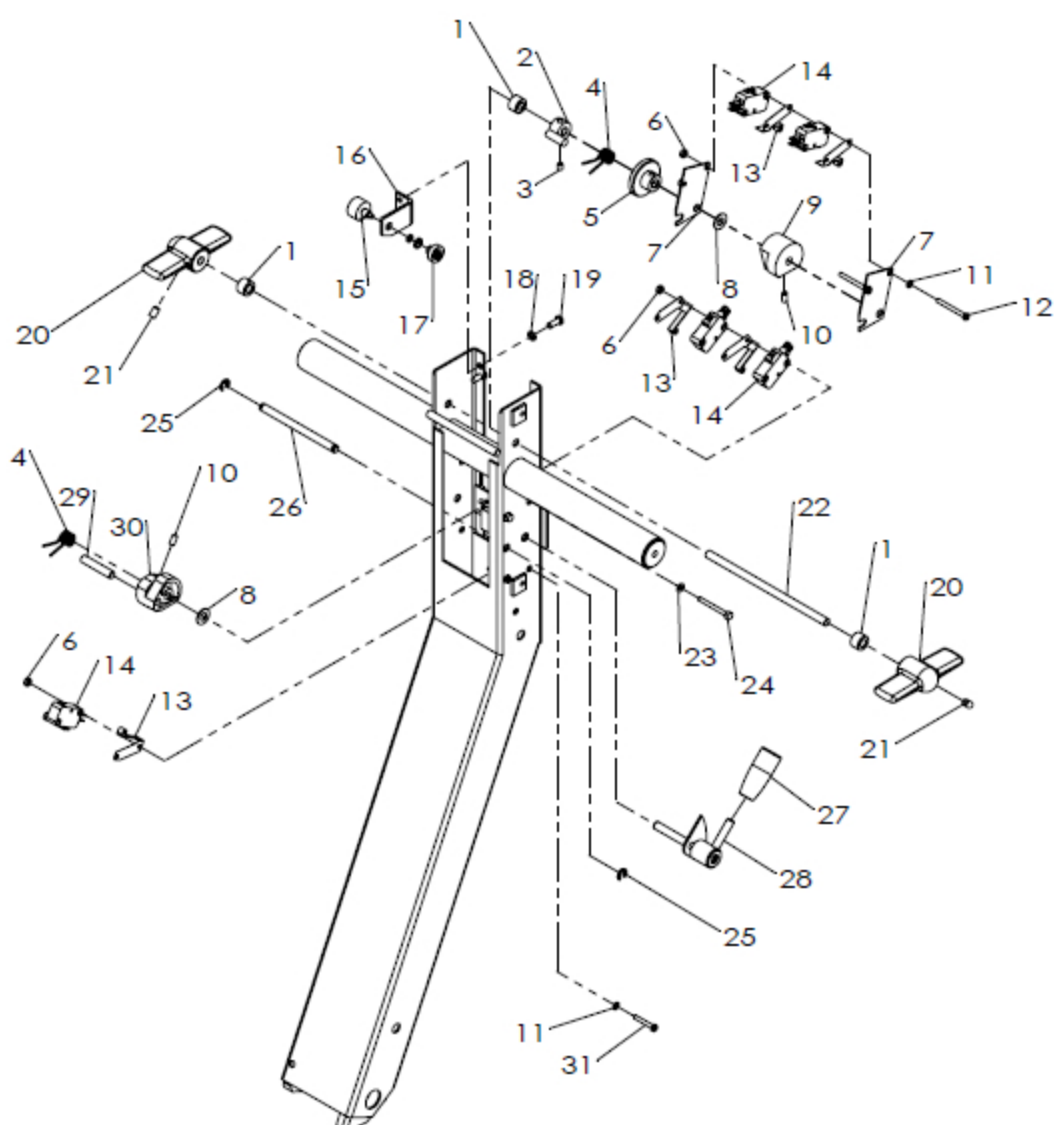
HANDLE1

FX60W, FX90W

| NO. | PARTS NO    | PARTS NAME                             | Q' TY | DRAWING NO       |
|-----|-------------|----------------------------------------|-------|------------------|
| 1   | 1208-1604   | EMERGENCY SWITCH                       | 1     | F8049-F9035      |
| 2   | 1208-1618   | SPRING                                 | 1     | 4006089C         |
| 3   | 9705-0003   | PUSH BUTTON SWITCH (SB-221N/0)         | 2     |                  |
| 4   | 2101-1605   | SWITCH BASE                            | 1     | 4010194A         |
| 5   | CS-0416     | HS-BOLT M4x16                          | 4     |                  |
| 6   | 1208-1603H  | SWITCH COVER(HORN)                     | 1     | 4008506A         |
| 6   | 1208-1603U  | SWITCH COVER(UP)                       | 1     | 4008506A         |
| 6   | 1208-1603D  | SWITCH COVER(DOWN)                     | 1     | 4008506A         |
| 7   | 10050-04002 | HANDLE COVER-A                         | 1     | F8049-F9202      |
| 8   | MSB-0406T   | P-BOLT M4x6 BLACK COATING              | 4     |                  |
| 9   | 1208-1602   | HANDLE COVER-B                         | 1     | 2010880A         |
| 10  | MS-0510S    | F-BOLT M5x10                           | 4     |                  |
| 11  | 99000-00004 | GRIP                                   | 2     | BK-8             |
| 12  | 1208-1607   | GRIP GUARD (ELECTRODEPOSITION COATING) | 2     | 4006552A         |
| 13  | 10080-04024 | HANDLE POST                            | 1     | 2012897          |
| 14  | HN-05       | H-NUT M5                               | 1     |                  |
| 15  | SS-0520     | S-BOLT M5x20                           | 1     |                  |
| 16  | 10080-04039 | HANDLE BRACKET                         | 1     | F8049-F9028      |
| 17  | 0034-1080   | ROLL PIN 10x80                         | 1     |                  |
| 18  | 0110-0032   | BUSH BM1615F24FB                       | 2     |                  |
| 19  | 1208-1611   | SPRING COVER                           | 1     | 4004956A         |
| 20  | 10080-04004 | RETURN SPRING                          | 1     | 3004550          |
| 21  | 1405-1610   | HANDLE BRACKET PIN                     | 1     | EX-3764          |
| 22  | 10080-04012 | TAP SHEET                              | 1     | 4004059A-2       |
| 23  | 9701-0006   | MICROSWITCH Z-15GQ22-B                 | 1     |                  |
| 24  | 10080-04013 | SENSOR PLATE                           | 1     | F8049-F9030-REV2 |
| 25  | MS-0435S    | F-BOLT M4x35                           | 2     |                  |

## HANDLE 2

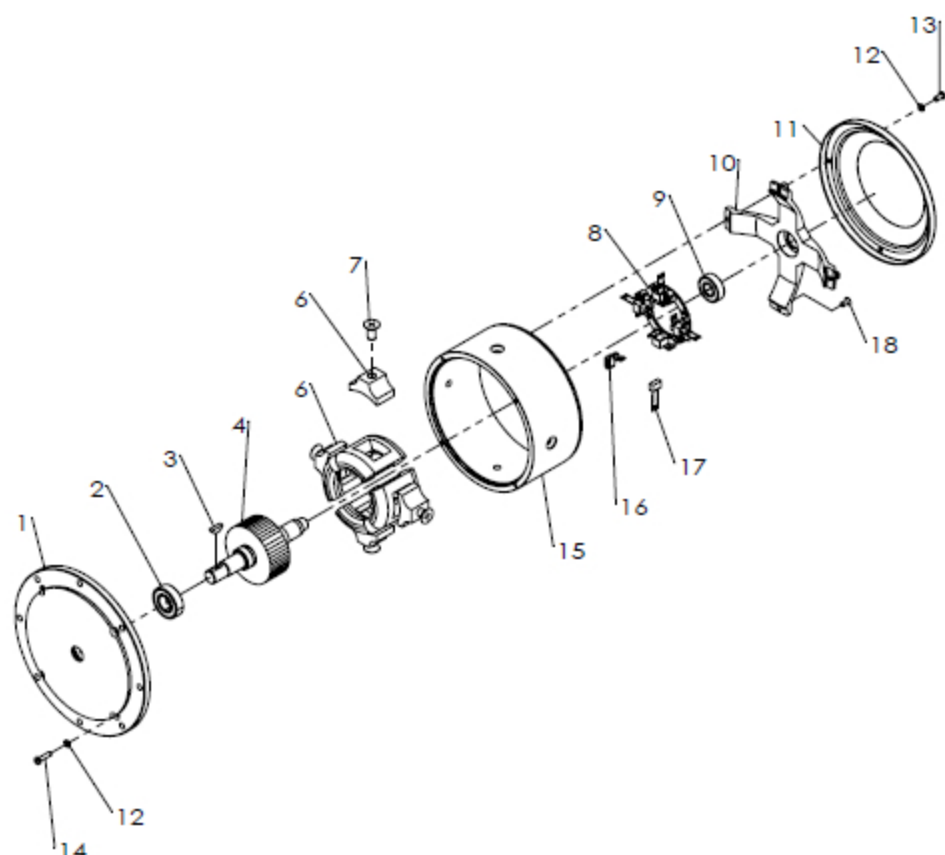
FX60W, FX90W

HANDLE 2

FX60W, FX90W

| NO. | PARTS NO    | PARTS NAME                  | Q' TY | DRAWING NO   |
|-----|-------------|-----------------------------|-------|--------------|
| 1   | 1208-1402   | CAM SHAFT SPACER            | 3     | 4008504K     |
| 2   | 1604-1631   | SAPCER B                    | 1     | 4006567C     |
| 3   | SS-0405     | S-BOLT M4x5                 | 1     |              |
| 4   | 1604-1932   | SET SPRING                  | 2     | 4006550E     |
| 5   | EK00-0240   | BIG SPUR GEAR S80B 36B-0506 | 1     |              |
| 6   | HN-03       | H-NUT M3                    | 6     |              |
| 7   | 1208-1615   | SWITCH BRACKET              | 2     | 4008464B     |
| 8   | PW-06       | PW M6                       | 2     |              |
| 9   | 2101-1615   | CONTROLLER CAM              | 1     | 4010466      |
| 10  | SS-0408     | S-BOLT M4x8                 | 2     |              |
| 11  | SW-03       | SW M3                       | 4     |              |
| 12  | MS-0330N    | P-BOLT (+) M3x30            | 2     |              |
| 13  | 9701-0010   | MICROACTUATOR               | 5     | VAL-2        |
| 14  | 9701-0009   | MICROSWITCH                 | 5     | V-10-1A5     |
| 15  | EK10-0079   | VOLUME RV16-YN203B          | 1     |              |
| 16  | 2101-1612   | VOLUME BRACKET              | 1     | 4010074A     |
| 17  | EK10-0147   | SMALL GEAR KHK DS0.8-15     | 1     |              |
| 18  | SW-04       | SW M4                       | 2     |              |
| 19  | MS-0410N    | P-BOLT M4x10L               | 2     |              |
| 20  | 1604-1629   | FINGER                      | 2     | 4008069B     |
| 21  | SS-0508     | S-BOLT M5x8                 | 2     |              |
| 22  | 10080-04020 | CAM SHAFT                   | 1     | F8049-F9308  |
| 23  | PW-03       | PW M3                       | 2     |              |
| 24  | HB-0330     | H-BOLT M3x30                | 2     |              |
| 25  | 0041-0004E  | E-RING Φ4                   | 2     |              |
| 26  | 10080-04021 | SET SPRING PIN              | 1     | F8049-F9309  |
| 27  | 99000-00005 | GRIP                        | 1     | GRR-17XR6    |
| 28  | 10080-04054 | KNOB                        | 1     | F8049-F9110C |
| 29  | 10080-04023 | PIN                         | 1     | F8049-F9034  |
| 30  | 10080-04022 | CAM                         | 1     | F8049-F9033  |
| 31  | MS-0320N    | P-BOLT (+) M3x20            | 2     |              |

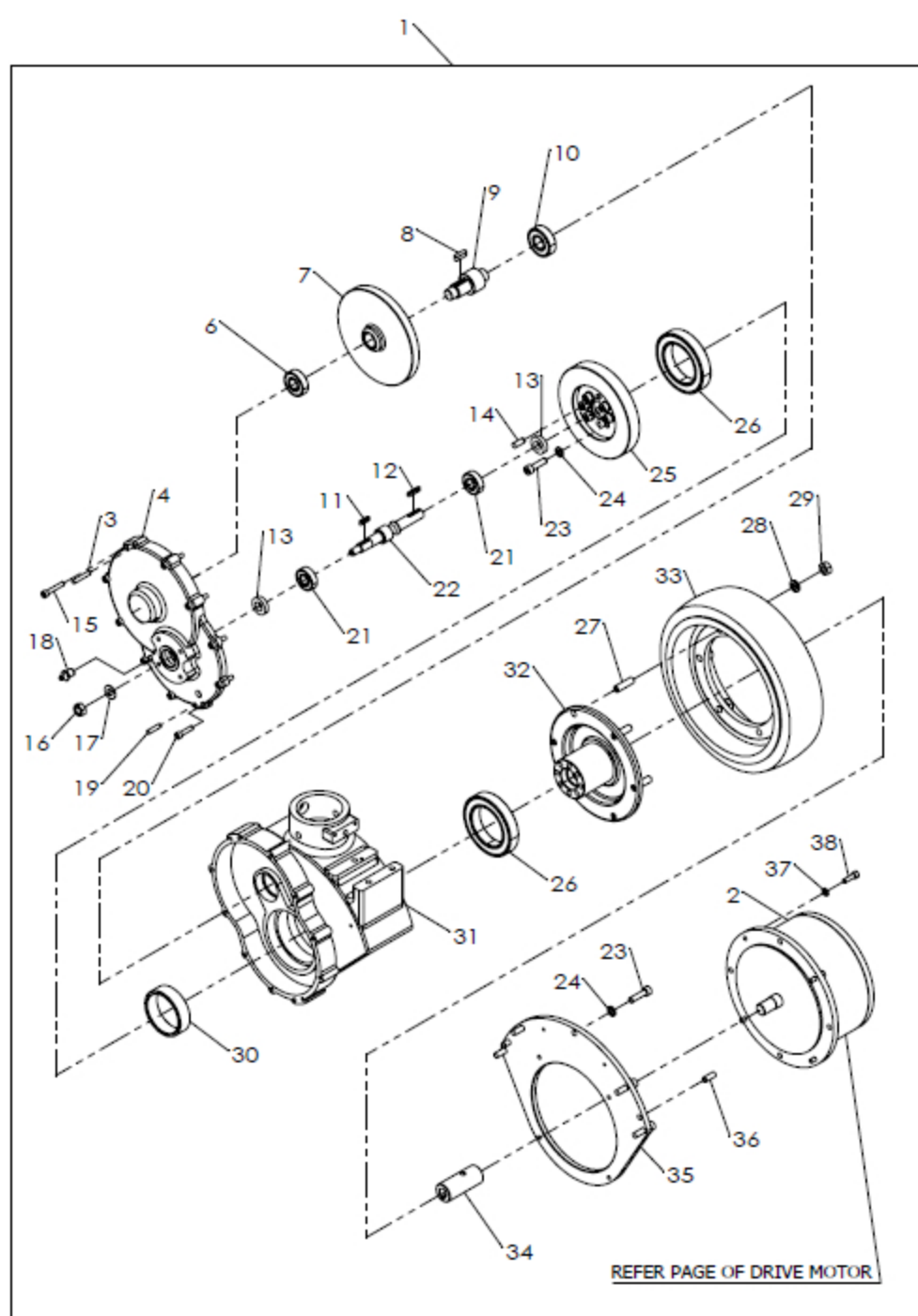
## DRIVE MOTOR



## DRIVE MOTOR

| NO. | PARTS NO  | PARTS NAME                    | Q' TY | DRAWING NO             |
|-----|-----------|-------------------------------|-------|------------------------|
| 1   | 9203-0002 | END COVER A (1201)            | 1     | 12010102 (END COVER A) |
| 2   | BB-6004ZZ | BALL BEARING_6004ZZ           | 1     |                        |
| 3   | HK-0519   | HALF KEY_5x19                 | 1     |                        |
| 4   | 9204-0006 | ARMATURE COIL                 | 1     | 12010102               |
| 5   | 9204-0008 | FIELD COIL                    | 4     | 12010102               |
| 6   | 9204-0007 | FIELD CORE                    | 4     | 12010102               |
| 7   | MS-1020S  | F-BOLT M10x20                 | 4     |                        |
| 8   | 9204-0009 | BRUSH HOLDER (1202 NEW TYPE)  | 4     | 12010102               |
| 9   | BB-6202ZZ | BALL BEARING_6202ZZ           | 1     |                        |
| 10  | 9204-0004 | END COVER B (1201)            | 1     | 12010102               |
| 11  | 9204-0005 | END COVER-C (1201)            | 1     | 12010102               |
| 12  | SW-05     | SW M5                         | 6     |                        |
| 13  | MS-0510T  | P-BOLT M5x10L                 | 2     |                        |
| 14  | MS-0520N  | P-BOLT M5x20                  | 4     |                        |
| 15  | 9204-0003 | YOKE                          | 1     | 12010102               |
| 16  | 9204-0010 | HOLDER SPRING (1201 NEW TYPE) | 4     | 12010102               |
| 17  | 9205-0011 | CARBON BRUSH_10x16x20         | 4     |                        |
| 18  | MS-0510S  | F-BOLT M5x10                  | 2     |                        |

# DRIVE

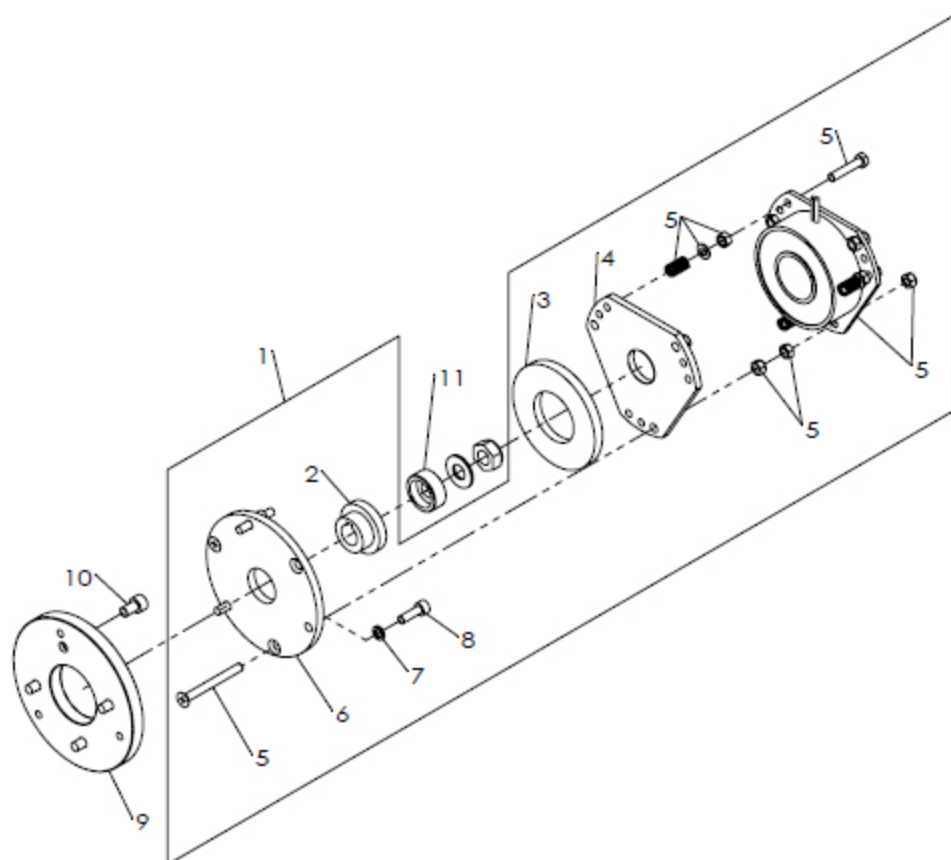


# DRIVE

| NO. | PARTS NO                           | PARTS NAME           | Q' TY | DRAWING NO |
|-----|------------------------------------|----------------------|-------|------------|
| 1   | 1603-0800                          | DRIVE DECELERATOR    | 1     | KD0828D-A  |
| 2   | 9204-0001                          | DRIVE MOTOR          | 1     | 12010102   |
| 3   | PP-0635                            | PARALLEL PIN 6x35    | 1     |            |
| 4   | 1603-0801                          | COVER                | 1     | 45000302   |
| 5   | 96090-00001                        | SINKING PLUG 1/4     | 1     |            |
| 6   | BB-6203ZZ                          | BALL BEARING 6203ZZ  | 1     |            |
| 7   | 1603-0802<br>(KD0828D-4)           | HELICAL GEAR         | 1     | 45000304   |
| 8   | BK-0724                            | KEY 7x24             | 1     |            |
| 9   | 1603-0803<br>(KD-0828 NEW TYPE)    | SPUR PINION          | 1     | 45000305   |
| 10  | BB-6204ZZ                          | BEARING 6204ZZ       | 1     |            |
| 11  | BK-0520                            | KEY 5x20             | 1     |            |
| 12  | BK-0525                            | KEY 5x25             | 1     |            |
| 13  | 0067-0010                          | OIL SEAL             | 2     | AC15287    |
| 14  | PP-0820                            | PARALLEL-PIN 8x20    | 2     |            |
| 15  | CS-0635                            | HS-BOLT M6x35        | 5     |            |
| 16  | UN-10                              | U-NUT M10            | 1     |            |
| 17  | PW-10                              | PW M10               | 1     |            |
| 18  | 0075-1401                          | GREASE NIPPLE 1/4    | 2     |            |
| 19  | PP-0625                            | PARALLEL PIN 6x25    | 2     |            |
| 20  | CS-0625                            | HS-BOLT M6x25        | 5     |            |
| 21  | BB-6202ZZ                          | BALL BEARING_6202ZZ  | 2     |            |
| 22  | 1603-0804<br>(KD0828D-03-1)        | INPUT SHAFT          | 1     | 45000303   |
| 23  | CS-0830                            | HS-BOLT M8x30        | 11    |            |
| 24  | SW-08                              | SW M8                | 11    |            |
| 25  | 1603-0805<br>(KD0828D-6)           | SPUR GEAR            | 1     | 45000306   |
| 26  | BB-6013LLU                         | BALL BEARING 6013LLU | 2     |            |
| 27  | SS-1035                            | S-BOLT M10x35        | 6     |            |
| 28  | SW-10                              | SW M10               | 6     |            |
| 29  | HN-10                              | H-NUT M10            | 6     |            |
| 30  | 1603-0806<br>(KD0828D-07 NEW TYPE) | COLLAR               | 1     | 45000307   |

# DRIVE

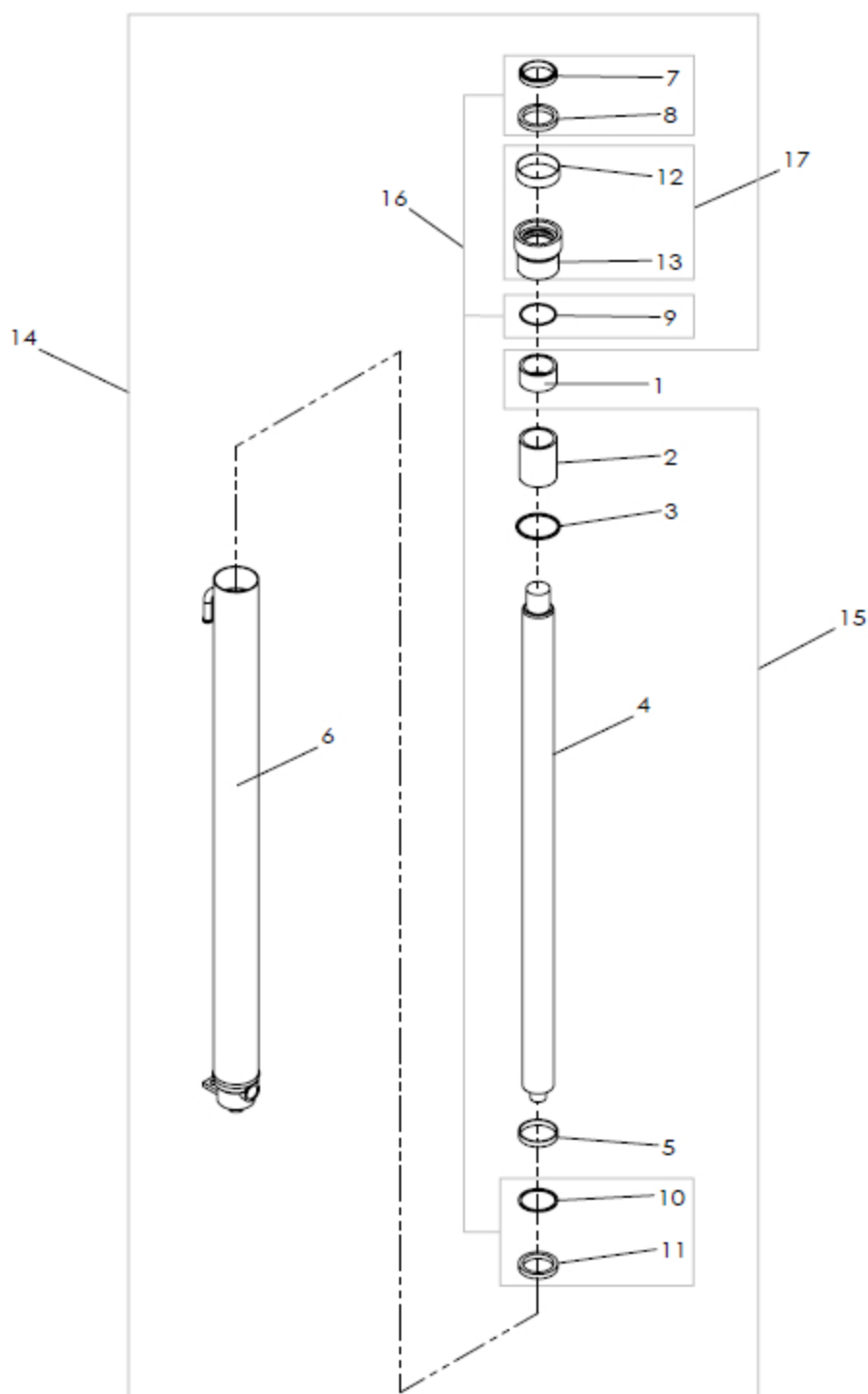
| NO. | PARTS NO                       | PARTS NAME           | Q' TY | DRAWING NO |
|-----|--------------------------------|----------------------|-------|------------|
| 31  | 1603-0807                      | CASING               | 1     | 45000301   |
| 32  | 1603-0808<br>(KD0828 NEW TYPE) | TIRE BOSS            | 1     | 45000308   |
| 33  | 1603-0809                      | TIRE 285x80 URETHANE | 1     |            |
| 34  | 1100-0805                      | COUPLING             | 1     | EX-3769    |
| 35  | 1603-0810<br>(NEW TYPE)        | MOTOR MOUNTING PLATE | 1     | 45000309   |
| 36  | PP-0822                        | PARALLEL PIN 8x22    | 4     |            |
| 37  | SW-06                          | SW M6                | 4     |            |
| 38  | CS-0620                        | HS-BOLT M6x20        | 4     |            |

BRAKEBRAKE

| NO. | PARTS NO  | PARTS NAME            | Q' TY | DRAWING NO          |
|-----|-----------|-----------------------|-------|---------------------|
| 1   | 1309-0910 | ELECTROMAGNETIC BRAKE | 1     | MNB 0. 6G-03<br>24V |
| 2   | 1309-0907 | INNER DRIVER_06-24    | 1     | MNB 0. 6G-03        |
| 3   | 1309-0906 | DISK_06-24            | 1     | MNB 0. 6G-03        |
| 4   | 1309-0905 | ARMATURE_06-24        | 1     | MNB 0. 6G-03        |
| 5   | 1309-0902 | FIELD_06-24           | 1     | MNB 0. 6G-03        |
| 6   | 1309-0908 | MOUNTING PLATE_06-24  | 1     | MNB 0. 6G-03        |
| 7   | SW-05     | SW M5                 | 3     |                     |
| 8   | CS-0516   | HS-BOLT M5x16         | 3     |                     |
| 9   | 1602-0902 | BRAKE BASE            | 1     | EX-4907C-1          |
| 10  | CS-0612   | HS-BOLT M6x12         | 4     |                     |
| 11  | 1602-0901 | BRAKE COLLAR          | 1     | EX-4907C-2          |

## LIFT CYLINDER

FX60W, 6WT, 90W, 9WT



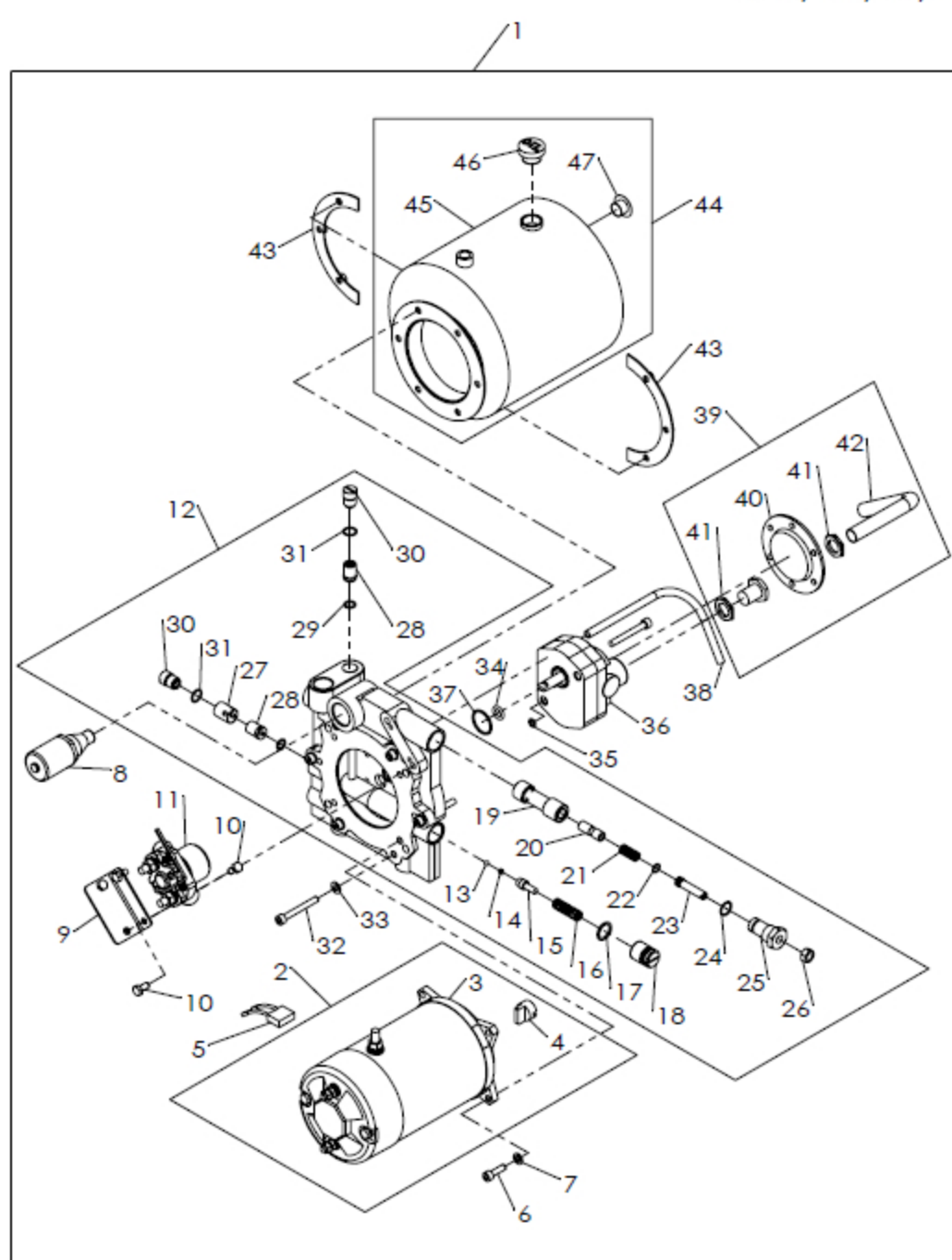
## LIFT CYLINDER

FX60W, 6WT, 90W, 9WT

| NO. | PARTS NO    | PARTS NAME               | Q' TY | DRAWING NO            |
|-----|-------------|--------------------------|-------|-----------------------|
| 1   | 10080-10002 | CYLINDER COLLAR          | 1     | 4010184               |
| 2   | 1500-0511   | SPACER                   | 1     | 30111-40021           |
| 3   | 90850-00015 | O RING                   | 1     | 95151-04000           |
| 4   | 1501-0509   | PISTON ROD               | 1     | 30697-25002           |
| 5   | 1500-0510   | BUSH                     | 1     | 30131-50018           |
| 6   | 1501-0508   | CYLINDER TUBE            | 1     | 30697-25001           |
| 7   | 90862-00001 | WIPER RING               | 1     | 30191-40025           |
| 8   | 90863-00001 | U RING                   | 1     | 30691-04012           |
| 9   | 90850-00002 | O RING                   | 1     | 30161-91774           |
| 10  | 90851-00003 | BACKUP RING              | 1     | 30461-50039           |
| 11  | 90863-00002 | U RING                   | 1     | 30161-50046           |
| 12  | 90658-00003 | BUSH                     | 1     | 30121-40017           |
| 13  | 96001-00010 | CYLINDER HEAD            | 1     | 30121-50102           |
| 14  | 2102-0502   | LIFT CYLINDER ASSY       | 1     | φ50x1250ST+C0<br>LLAR |
| 15  | 96001-00001 | LIFT CYLINDER φ50x1250ST | 1     | 30695-25000           |
| 16  | 1500-0512   | PACKING SET              | 1     | 3050A-00093           |
| 17  | 1500-0513   | CYLINDER HEAD KIT        | 1     | 3050B-00119           |

# POWER PACKAGE

FX60S, 60W, 90S, 90W



## POWER PACKAGE

FX60S, 60W, 90S, 90W

| NO. | PARTS NO    | PARTS NAME                          | Q' TY | DRAWING NO       |
|-----|-------------|-------------------------------------|-------|------------------|
| 1   | 96004-00003 | POWER PACKAGE A8910203W             | 1     |                  |
| 2   | 93002-00007 | MOTOR SET 755900P3 (DC24V)+AS510204 | 1     |                  |
| 3   | 93002-00006 | MOTOR                               | 1     | 755900P3 (DC24V) |
| 4   | 9279-0011   | JOINT                               | 1     | AS510204         |
| 5   | 9279-0018   | CARBON BRUSH                        | 2     |                  |
| 6   | CS-0620     | HS-BOLT M6x20                       | 4     |                  |
| 7   | SW-06       | SW M6                               | 4     |                  |
| 8   | 96000-00013 | SOLENOID VALVE                      | 1     | AT812014 (DC24V) |
| 9   | 95090-00004 | SWITCH BRACKET                      | 1     | AS367104         |
| 10  | HB-0612     | H-BOLT M6x12                        | 4     |                  |
| 11  | 95003-00015 | MAGNET SWITCH                       | 1     | AA250200 (DC24V) |
| 12  | 96000-00010 | BASE SET AS894503                   | 1     |                  |
| 13  | 90660-00001 | STEEL BALL_3/16"                    | 1     |                  |
| 14  | 96090-00015 | DC SPRING                           | 1     | AS846904         |
| 15  | 96000-00011 | R MOVABLE VALVE                     | 1     | AS849304         |
| 16  | 96090-00016 | SPRING                              | 1     | AS855204         |
| 17  | ORP-16      | O-RING P16 TYPE1 B                  | 1     |                  |
| 18  | 96090-00010 | R ADJUSTMENT SCREW                  | 1     | AS851804         |
| 19  | 96090-00013 | SLIP                                | 1     | AS849604         |
| 20  | 96090-00014 | SPOOL                               | 1     | AS849704         |
| 21  | 96090-00017 | SPRING                              | 1     | AS852604         |
| 22  | ORS-08      | O-RING S8 TYPE 1 B                  | 1     |                  |
| 23  | 96090-00011 | F ADJUSTMENT SCREW                  | 1     | AS849904         |
| 24  | ORS-14      | O-RING S14 TYPE 1B                  | 1     |                  |
| 25  | 96090-00018 | HOLDER                              | 1     | AS846404         |
| 26  | HN-08       | H-NUT M8                            | 1     |                  |
| 27  | 96090-00009 | CHECK COVER                         | 1     | AS855604         |
| 28  | 96000-00012 | CHECK CARTRIDGE VALVE               | 2     | AS842004         |
| 29  | ORP-09      | O-RING P9 TYPE 1 B                  | 2     |                  |
| 30  | 96090-00012 | CHECK HOLDER                        | 2     | AS854104         |

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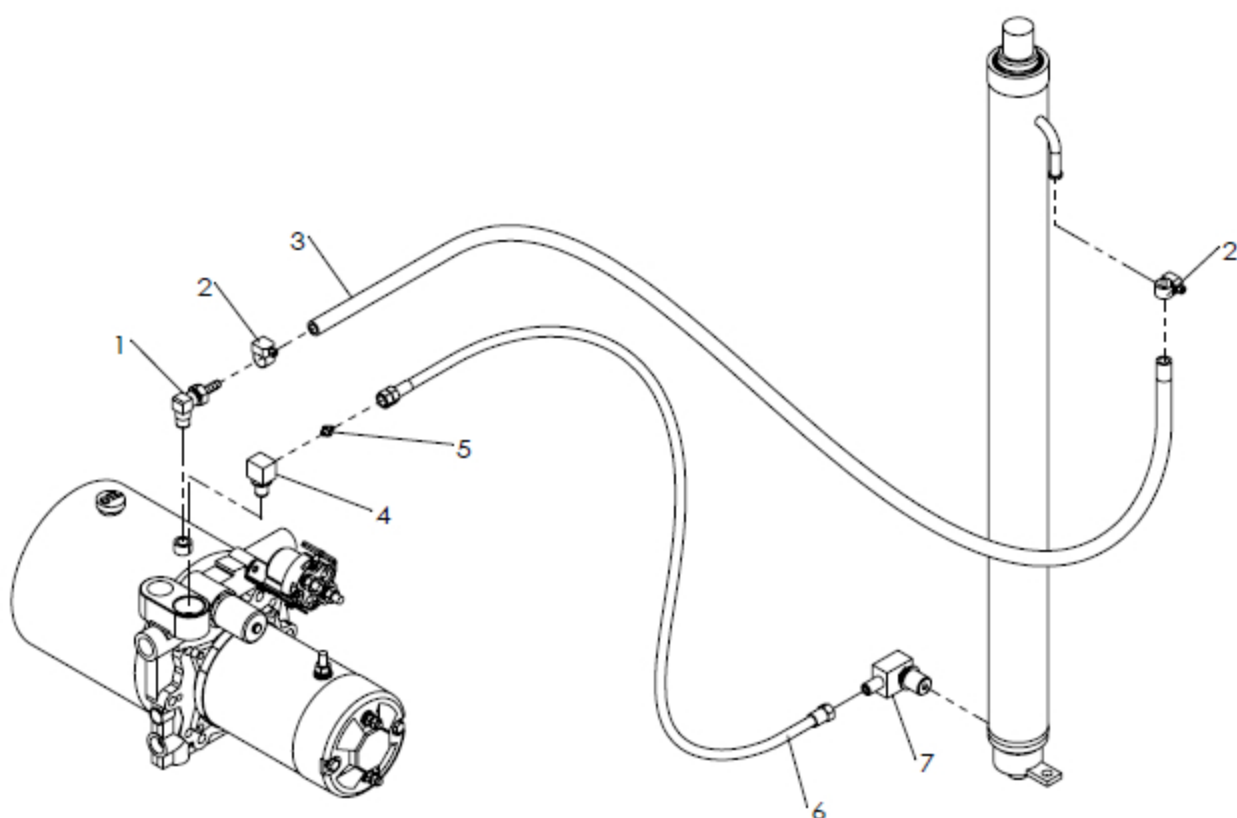
## POWER PACKAGE

FX60S, 60W, 90S, 90W

| NO. | PARTS NO    | PARTS NAME                                   | Q' TY | DRAWING NO                     |
|-----|-------------|----------------------------------------------|-------|--------------------------------|
| 31  | ORS-12.5    | O-RING S12.5 TYPE 1 B                        | 2     |                                |
| 32  | CS-0650     | HS-BOLT M6x50                                | 6     |                                |
| 33  | PW-06       | PW M6                                        | 6     |                                |
| 34  | ORG-10      | O-RING G10                                   | 1     |                                |
| 35  | ORP-06      | O-RING P6 TYPE 1 B                           | 1     |                                |
| 36  | 96004-00005 | GEAR PUMP                                    | 1     | AZE18003 (18E TYPE)            |
| 37  | ORS-25      | O-RING S25 TYPE 1 B                          | 1     |                                |
| 38  | 96003-00006 | RETURN PIPE                                  | 1     | AS318304                       |
| 39  | 96000-00009 | SUCTION FILTER SET AS320904+M16 T=3+AS342204 | 1     |                                |
| 40  | 96000-00008 | SUCTION FILTER                               | 1     | AS320904                       |
| 41  | 90359-00001 | VOLUME NUT M16 T=3                           | 2     |                                |
| 42  | 96003-00005 | SUCTION PIPE                                 | 1     | AS342204                       |
| 43  | 96090-00008 | TANK PLATE                                   | 2     | AS208304                       |
| 44  | 96004-00006 | TANK SET                                     | 1     | AS1371P3 + AS211504 + AS210200 |
| 45  | 96004-00007 | TANK                                         | 1     | AS1371P3                       |
| 46  | 96090-00006 | OIL CAP                                      | 1     | AS211504                       |
| 47  | 9279-0005   | LEVEL GAUGE                                  | 1     | AS210200                       |
| 50  |             |                                              | 1     |                                |

# OIL PIPING

FX60S, 60W, 90S, 90W



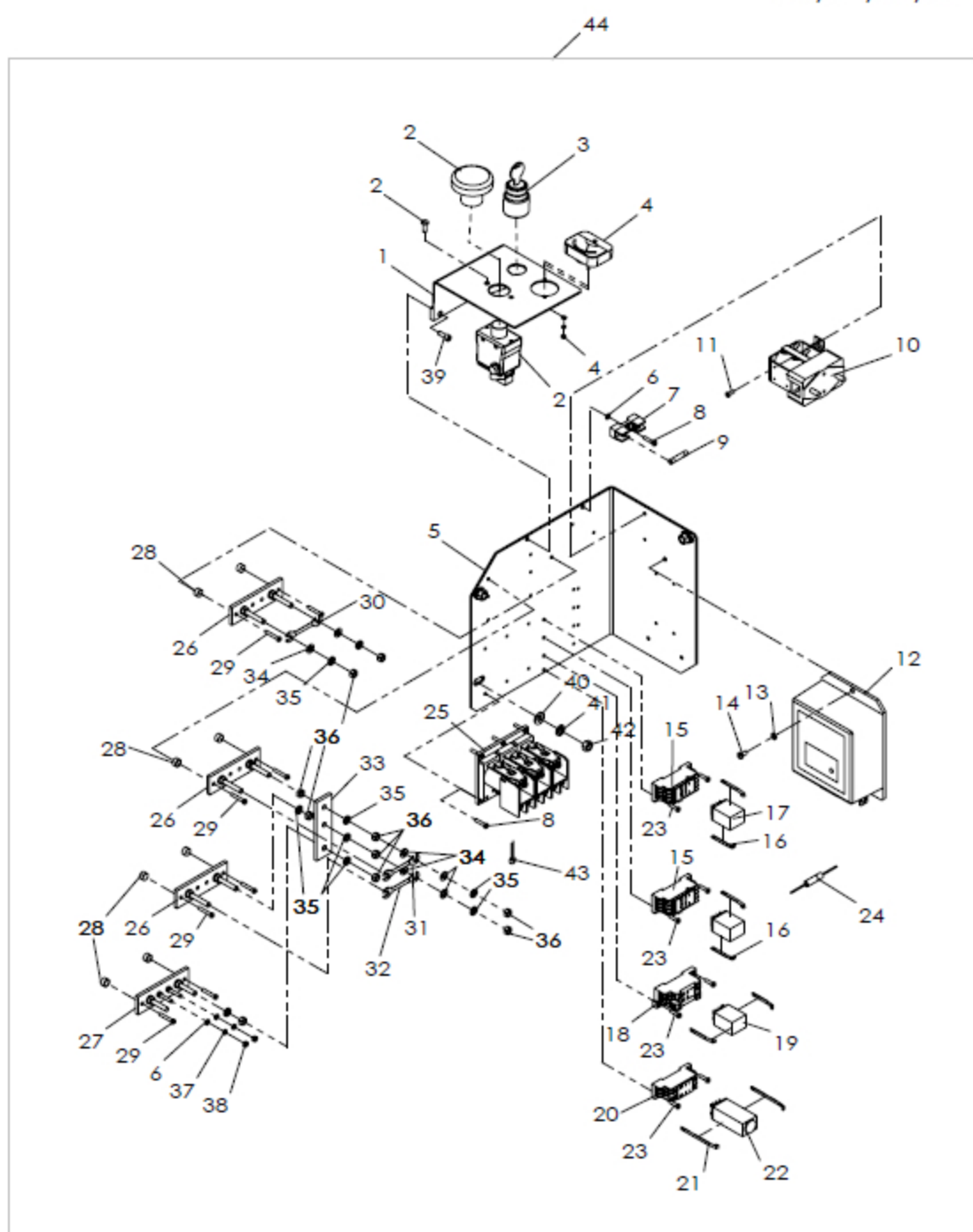
## OIL PIPING

FX60S, 60W, 90S, 90W

| NO. | PARTS NO    | PARTS NAME                         | Q' TY | DRAWING NO |
|-----|-------------|------------------------------------|-------|------------|
| 1   | 90958-00001 | HOSE NIPPLE_L-TYPE 1/4 x 10-K20244 | 1     |            |
| 2   | H0SBS-16    | HOSE BAND 16N                      | 2     |            |
| 3   | 91150-00004 | VINYL HOSE ST-9 φ9.5 x φ15         | 1     |            |
| 4   | 90959-00001 | NIPPLE (NEV90G02R02L042X0)         | 1     |            |
| 5   | 90960-00001 | ADAPTOR SR13-6                     | 1     |            |
| 6   | 0102-6100   | High Pressure Hose 1/4 x 1000      | 1     |            |
| 7   | 0080-0025   | VALVE CONNECTOR WEP-0-199          | 1     |            |

# CONTROL PANEL

60W,6WT,90W,9WT



# CONTROL PANEL

60W,6WT,90W,9WT

| NO. | PARTS NO    | PARTS NAME                     | Q' TY | DRAWING NO     |
|-----|-------------|--------------------------------|-------|----------------|
| 1   | 10080-40002 | SWITCH BRACKET                 | 1     | F8049-F9041    |
| 2   | 9705-0020   | POWER-OFF SWITCH (EMS12LM)     | 1     |                |
| 3   | 9702-0001   | KEY SWITCH HI-1D               | 1     |                |
| 4   | 9498-0003   | E. D. METER 33V                | 1     |                |
| 5   | 10080-40001 | CONTROL PANEL                  | 1     | 210-A4-32110   |
| 6   | PW-04       | PW M4                          | 3     |                |
| 7   | 9399-0001   | FUSE HOLDER_F-3321 (F-10)      | 1     |                |
| 8   | MS-0420N    | P-BOLT M4x20L                  | 7     |                |
| 9   | 9302-0005   | GLASS TUBE FUSE 6.3@ 5A        | 1     |                |
| 10  | EK00-0595   | MAGNET SWITCH SW84-30 DC24V    | 1     |                |
| 11  | MS-0410N    | P-BOLT M4x10L                  | 2     |                |
| 12  | 9860-0001   | チョッパ                           | 1     | 1207A-4118 24V |
| 13  | SW-05       | SW M5                          | 3     |                |
| 14  | MS-0510T    | P-BOLT M5x10L                  | 3     |                |
| 15  | 95001-00004 | RELAY SOCKET                   | 2     | PYF-14A        |
| 16  | EK10-0034   | RETAINING CLIP PYC-A1          | 6     |                |
| 17  | 95001-00005 | HIGH POWER RELAY               | 2     | MY4-DC24V      |
| 18  | 9099-0001   | SOCKET                         | 1     | PTF-08A        |
| 19  | 9050-0012   | HIGH POWER RELAY_LY2-DC24V     | 1     |                |
| 20  | 95001-00008 | RELAY SOCKET                   | 1     | PYF-08A        |
| 21  | EK00-0363   | RETAINING CLIP Y92H-3          | 2     |                |
| 22  | EK00-0361   | HIGH POWER RELAY               | 1     | H3Y-2 DC24V 1S |
| 23  | MS-0415N    | P-BOLT M4x15L                  | 8     |                |
| 24  | 9850-0003   | DIODE ERB-12-06                | 1     |                |
| 25  | EK00-0340   | MAGNET SWITCH CM4K-2-TX-19 24V | 1     |                |
| 26  | 9398-0001   | FUSE BOARD 5 x 30 x 100        | 3     |                |
| 27  | 9900-0201   | TERMINAL BOARD                 | 1     |                |
| 28  | 9902-0007   | SPACER 6.1 x 10 x 11           | 8     |                |
| 29  | MS-0425N    | P-BOLT M4x25                   | 8     |                |
| 30  | 9301-0040   | LINK FUSE 40A                  | 1     |                |

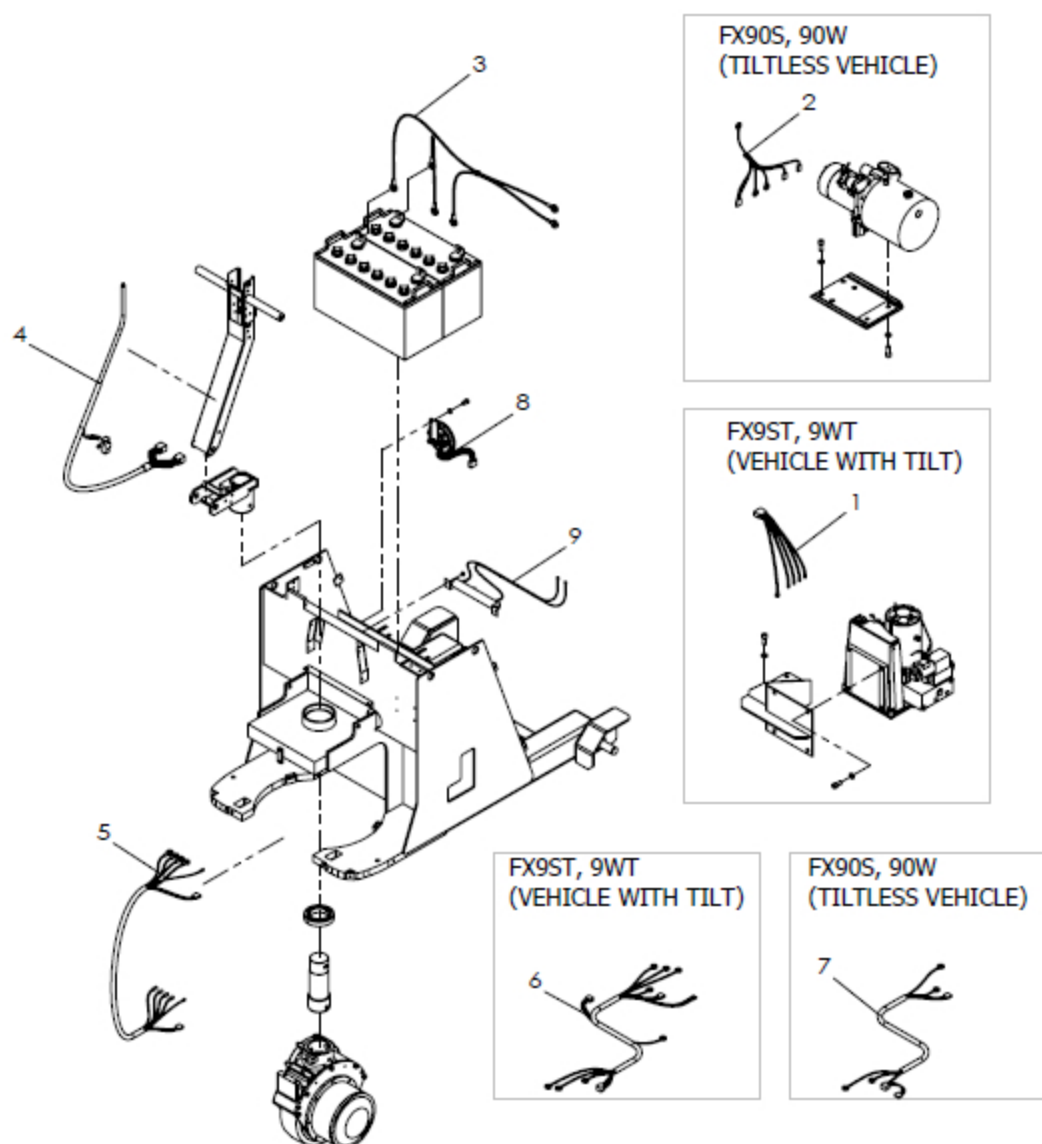
# CONTROL PANEL

60W,6WT,90W,9WT

| NO. | PARTS NO    | PARTS NAME     | Q' TY | DRAWING NO |
|-----|-------------|----------------|-------|------------|
| 31  | 9301-0060   | LINK FUSE_60A  | 1     |            |
| 32  | 9301-0150   | LINK FUSE 150A | 1     |            |
| 33  | 10080-40010 | BUS BAR        | 1     |            |
| 34  | PW-06       | PW M6          | 8     |            |
| 35  | SW-06       | SW M6          | 15    |            |
| 36  | HN-06       | H-NUT M6       | 15    |            |
| 37  | SW-04       | SW M4          | 2     |            |
| 38  | HN-04       | H-NUT M4       | 2     |            |
| 39  | CS-0514     | HS-BOLT M5x14  | 2     |            |
| 40  | PW-08       | PW M8          | 3     |            |
| 41  | SW-08       | SW M8          | 3     |            |
| 42  | HN-08       | H-NUT M8       | 3     |            |
| 43  | EK00-0415   | VARISTOR       | 1     | TNR15G680K |
| 44  | 10080-40000 | CONTROL PANEL  | 1     |            |

## HARNESS PARTS

90S, 9ST, 90W, 9WT

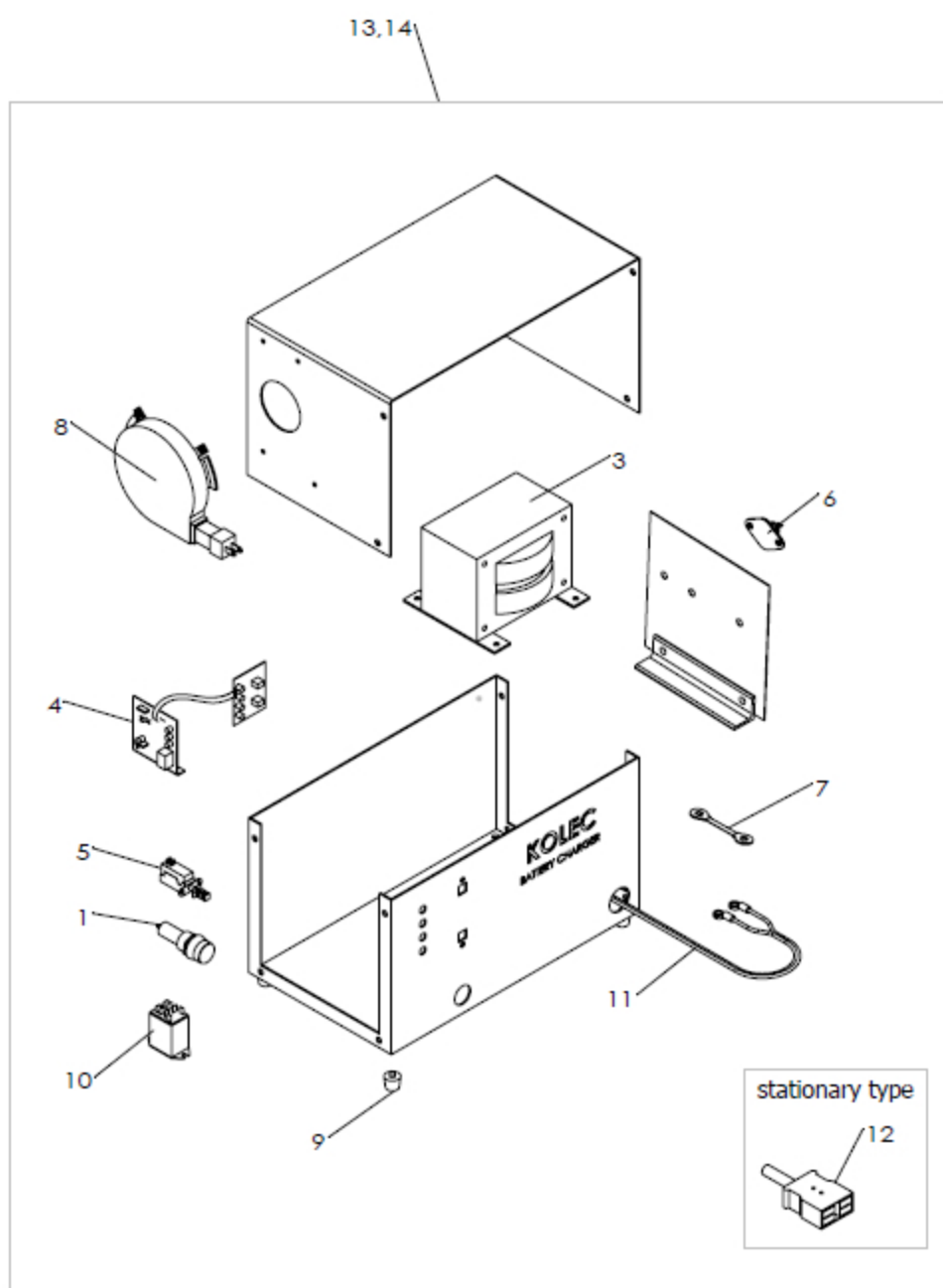


## HARNESS PARTS

90S,9ST,90W,9WT

| NO. | PARTS NO    | PARTS NAME                                  | Q' TY | DRAWING NO |
|-----|-------------|---------------------------------------------|-------|------------|
| 1   | 10080-41001 | POWER PACKAGE HARNESS<br>(FX9ST, 9WT)       | 1     |            |
| 2   | 10050-41001 | POWER PACKAGE HARNESS<br>(FX90S, 90W)       | 1     |            |
| 3   | 10080-41002 | BATTERY HARNESS                             | 1     |            |
| 4   | 10080-41003 | HANDLE HARNESS                              | 1     |            |
| 5   | 10080-41004 | MAIN HARNESS                                | 1     |            |
| 6   | 10080-41005 | LUBRICATION CONTROL<br>HARNESS (FX9ST, 9WT) | 1     |            |
| 7   | 10050-41002 | LUBRICATION CONTROL<br>HARNESS (FX90S, 90W) | 1     |            |
| 8   | 10080-41006 | HORN HARNESS                                | 1     |            |
| 9   | 10050-41003 | RESISTANCE HARNESS (90S,<br>9ST)            | 1     |            |

## CHARGER



## CHARGER

| NO. | PARTS NO    | PARTS NAME                                        | Q' TY | DRAWING NO   |
|-----|-------------|---------------------------------------------------|-------|--------------|
| 1   | 9119-0103   | FUSE HOLDER                                       | 1     | KS1210C      |
| 2   | 9119-0107   | TRANSE (FX60S, 6ST, 60W, 6WT)                     | 1     | KS-2410D     |
| 3   | 9119-0002   | TRANSE (FX90S, 9ST, 90W, 9WT)                     | 1     | KE-2420KT    |
| 4   | EK10-0036   | CIRCUIT BOARD                                     | 1     | KS2420D      |
| 5   | 9118-0006   | PUSH BUTTON SWITCH                                | 1     | DS-681       |
| 6   | 9118-0007   | SHORT CIRCUIT PROTECTION ELEMENT (D-40N)          | 1     | D-40N        |
| 7   | 9118-0008   | SHORT CIRCUIT PROTECTION ELEMENT                  | 1     | KS-2420D     |
| 8   | EK00-0601   | CORD REEL                                         | 1     | KS-2420G     |
| 9   | 9119-0004   | RUBBER FOOT                                       | 4     | RK-29        |
| 10  | 9050-0100   | CONTROL RELAY                                     | 1     | LY-1F AC100V |
| 11  | 9118-0009   | OUTPUT CORD                                       | 1     | KS-2420D     |
| 12  | 9118-0010   | AC OUTLET                                         | 1     | 2P-15A PLUG  |
| 13  | 95007-00002 | CHARGER KS-2410K_CORD REELED (60S, 6ST, 60W, 6WT) | 1     |              |
| 14  | 95007-00003 | CHARGER KS-2420K_CORD REELED (90S, 9ST, 90W, 9WT) | 1     |              |