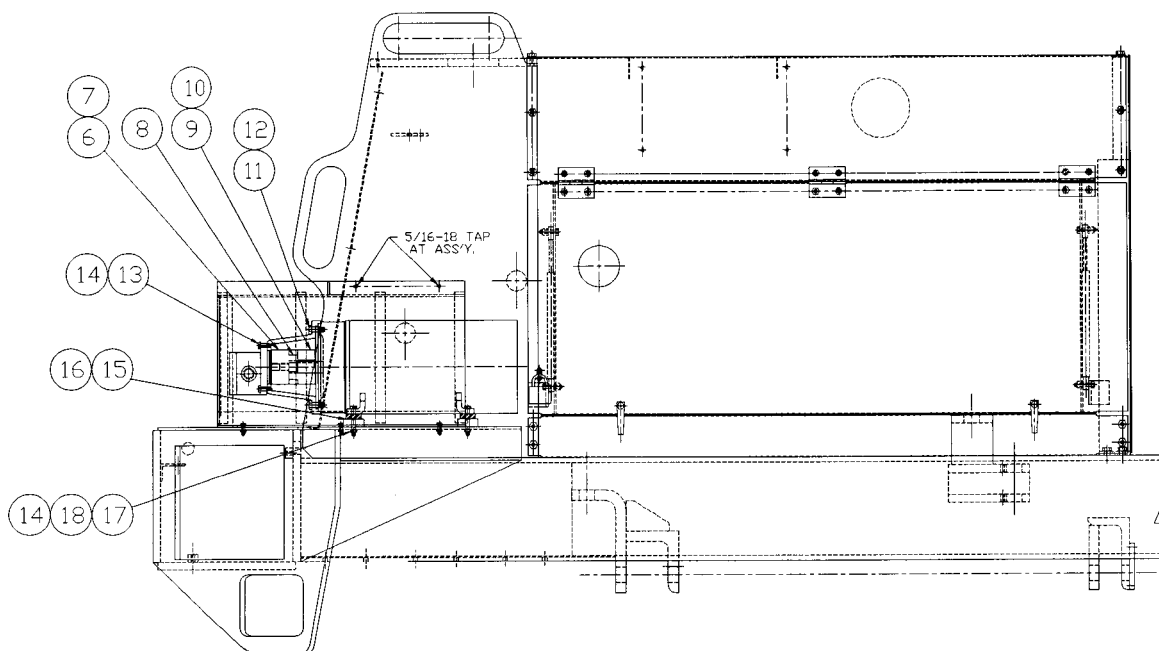
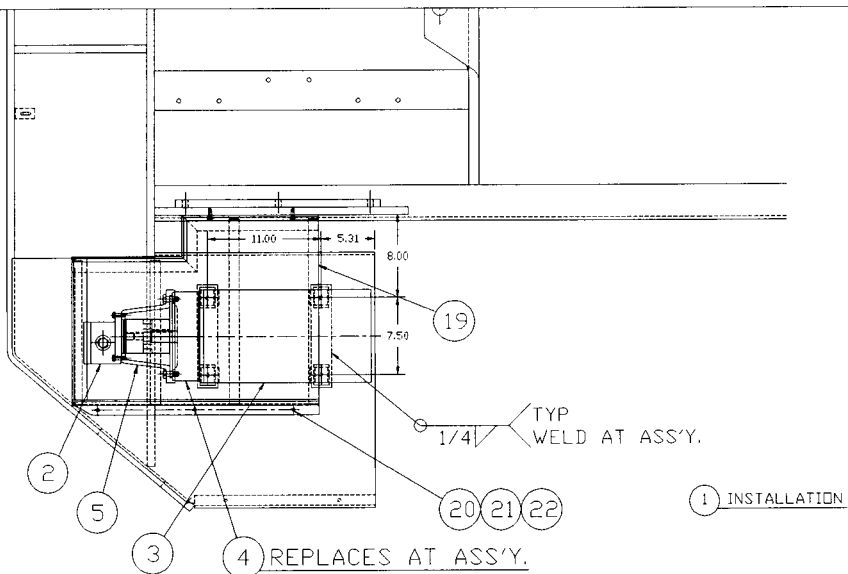




MAGNET



| TOLERANCES                       |
|----------------------------------|
| UNLESS OTHERWISE SPECIFIED       |
| FRACTIONS +/-                    |
| 3 PLACE DECIMALS +/-             |
| 2 PLACE DECIMALS +/-             |
| 1 PLACE DECIMALS +/-             |
| ANGLES                           |
| SEE SWINGMASTER SPECIFICATION    |
| G-1 FOR TOLERANCES NOT SPECIFIED |
| DIMENSIONS ARE IN INCHES         |
| DO NOT SCALE DRAWING             |
| SCALE: 1=8                       |

| SWINGMASTER CORPORATION                                   |             |
|-----------------------------------------------------------|-------------|
| 11415 MELROSE AVENUE<br>FRANKLIN PARK, ILLINOIS 60131     |             |
| HYDRAULIC DRIVEN MAGNET GENERATOR INST'L<br>FOR MODEL 181 |             |
| DRAWN BY: J.K.                                            | DRAWING NO. |
| DATE: 7-17-00                                             | D1-153      |

## SWINGMASTER CORPORATION

## PARTS BOOK

|                       |                                |       |
|-----------------------|--------------------------------|-------|
| MACHINE               | SECTION                        | 34    |
| -----                 | -----                          | ----- |
| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |       |
| -----                 | -----                          | ----- |

ASSEMBLY  
NUMBER

DESCRIPTION

1806536

MAGNET GENERATOR SET INSTALLATION

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                              | QTY.<br>USED |
|-------------|----------------|------------------------------------------|--------------|
| 002         | 1806537        | HYDRAULIC MOTOR                          | 1.00         |
| 003         | 1806538        | 5KW MAGNET GENERATOR                     | 1.00         |
| 004         | 1806539        | DC MOTOR C-FACE KITS                     | 1.00         |
| 005         | 1806540        | C-FACE HYD. MOTOR ADAPTER                | 1.00         |
| 006         | 1806541        | HALF COUPLING W/5/8 BORE & 5/32 KEY WAY  | 1.00         |
| 007         | 1806542        | KEY 5/32x5/32x3/4" LG.                   | 1.00         |
| 008         | 1806543        | JAW TYPE RUBBER SPIDER                   | 1.00         |
| 009         | 1806544        | HALF COUPLING W/1-1/8 BORE & 1/4" KEY WA | 1.00         |
| 010         | 1806545        | KEY 1/4x1/4x1-1/2" LG.                   | 1.00         |
| 011         | 1806546        | H.H.C.S. 1/2-13x1-1/4" LG.               | 4.00         |
| 012         | 1800570        | 1/2" LOCK WASHER                         | 4.00         |
| 013         | 1805004        | HEX HD CAP SCREW 1/2NC X 1.5 G8          | 2.00         |
| 014         | 1800568        | 3/8" LOCK WASHER                         | 6.00         |
| 015         | 1806547        | MOUNTING BAR                             | 2.00         |
| 016         | 1806548        | MOUNTING PAD                             | 4.00         |
| 017         | 1800459        | H.H.C.S. 3/8-16 X 1 3/4" LONG            | 4.00         |
| 018         | 1800514        | HEX NUT 3/8-16                           | 4.00         |
| 019         | 1806549        | HYD. DRIVEN GENERATOR COVER W/LDM'T      | 1.00         |
| 020         | 1800443        | H.H.C.S. 5/16-18 X 1" LONG               | 5.00         |
| 021         | 1800512        | HEX NUT 5/16-18                          | 3.00         |
| 022         | 1800074        | 5/16" LOCK WASHER                        | 5.00         |
| 023         | 1806532        | HYDRAULIC SCHEMATIC & MAIN PARTS         | 1.00         |



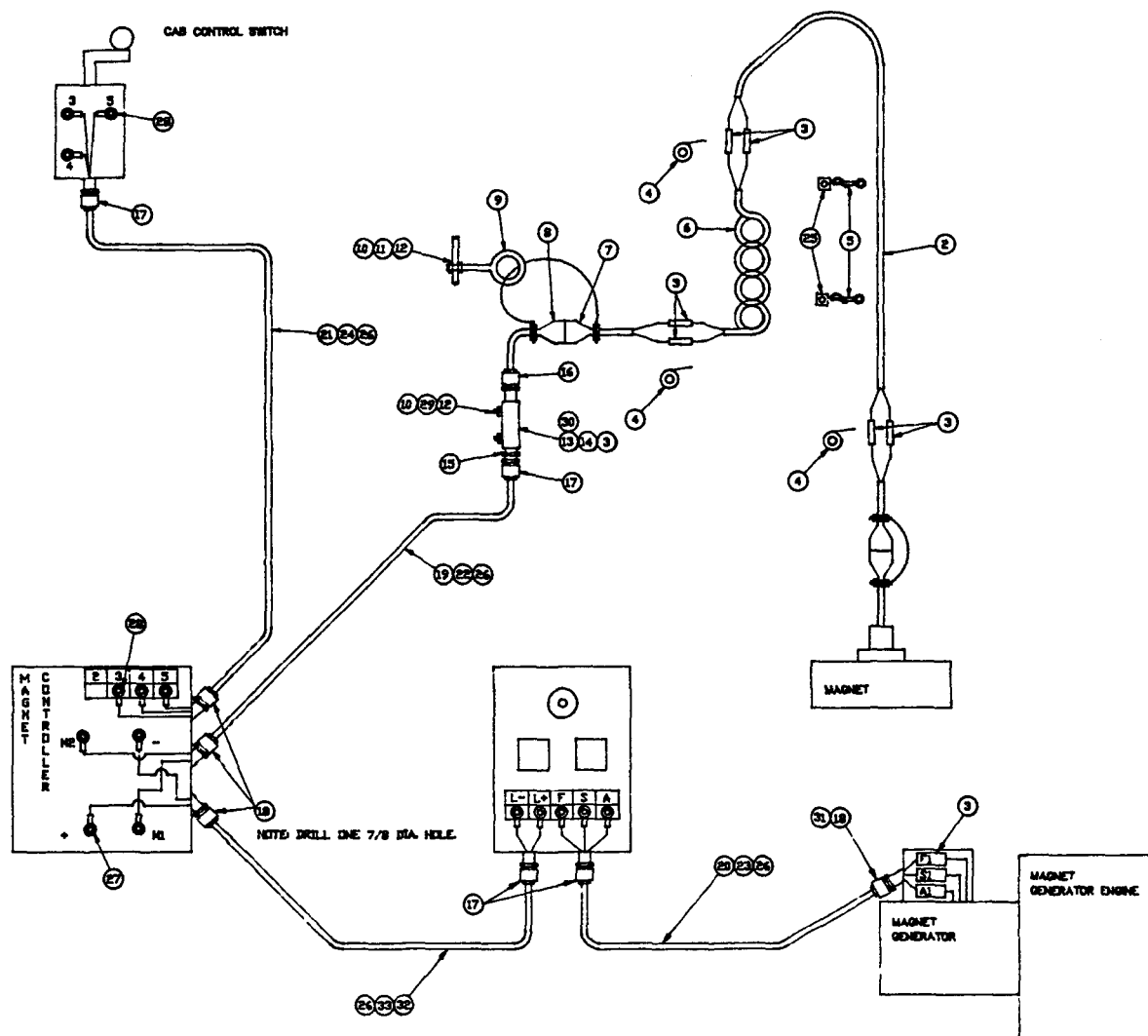
SWINGMASTER CORPORATION

PARTS BOOK

|                       |                                |       |
|-----------------------|--------------------------------|-------|
| MACHINE               | SECTION                        | 34    |
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| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |       |
| -----                 | -----                          | ----- |

|          |                                  |
|----------|----------------------------------|
| ASSEMBLY |                                  |
| NUMBER   | DESCRIPTION                      |
| -----    | -----                            |
| 1806532  | HYDRAULIC SCHEMATIC & MAIN PARTS |
| -----    | -----                            |

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                        | QTY.<br>USED |
|-------------|----------------|------------------------------------|--------------|
| -----       | -----          | -----                              | -----        |
| 002         | 1806533        | HYDRAULIC PUMP                     | 1.00         |
| 003         | 1804953        | RELIEF VALVE                       | 1.00         |
| 004         | 1806534        | FLOW CONTROL VALVE                 | 1.00         |
| 005         | 1806535        | SOLENOID DIRECTIONAL CONTROL VALVE | 1.00         |
| 006         | 1802584        | CHECK VALVE                        | 1.00         |
| 007         | 1800256        | OIL FILTER - SUMP TYPE             | 1.00         |
| -----       | -----          | -----                              | -----        |



**TOLERANCES**

UNLESS OTHERWISE SPECIFIED  
FRACTIONS +/-  
3 PLACE DECIMALS +/-  
2 PLACE DECIMALS +/-  
1 PLACE DECIMALS +/-  
ANGLES

SEE SWINGMASTER SPECIFICATIONS  
0-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES  
DO NOT SCALE DRAWING  
SCALE: NONE

**SWINGMASTER CORPORATION**

14418 WILSON AVENUE  
FRANKLIN PARK, ILLINOIS 60131

**MAGNET POWER AND CONTROL WIRING**

5 KW DIESEL ENGINE GENERATOR  
FOR MODEL 181

DRAWN BY: J.M.  
DATE: 10-18-87

DRAWING NO.  
**D2-103**

## SWINGMASTER CORPORATION

## PARTS BOOK

MACHINE

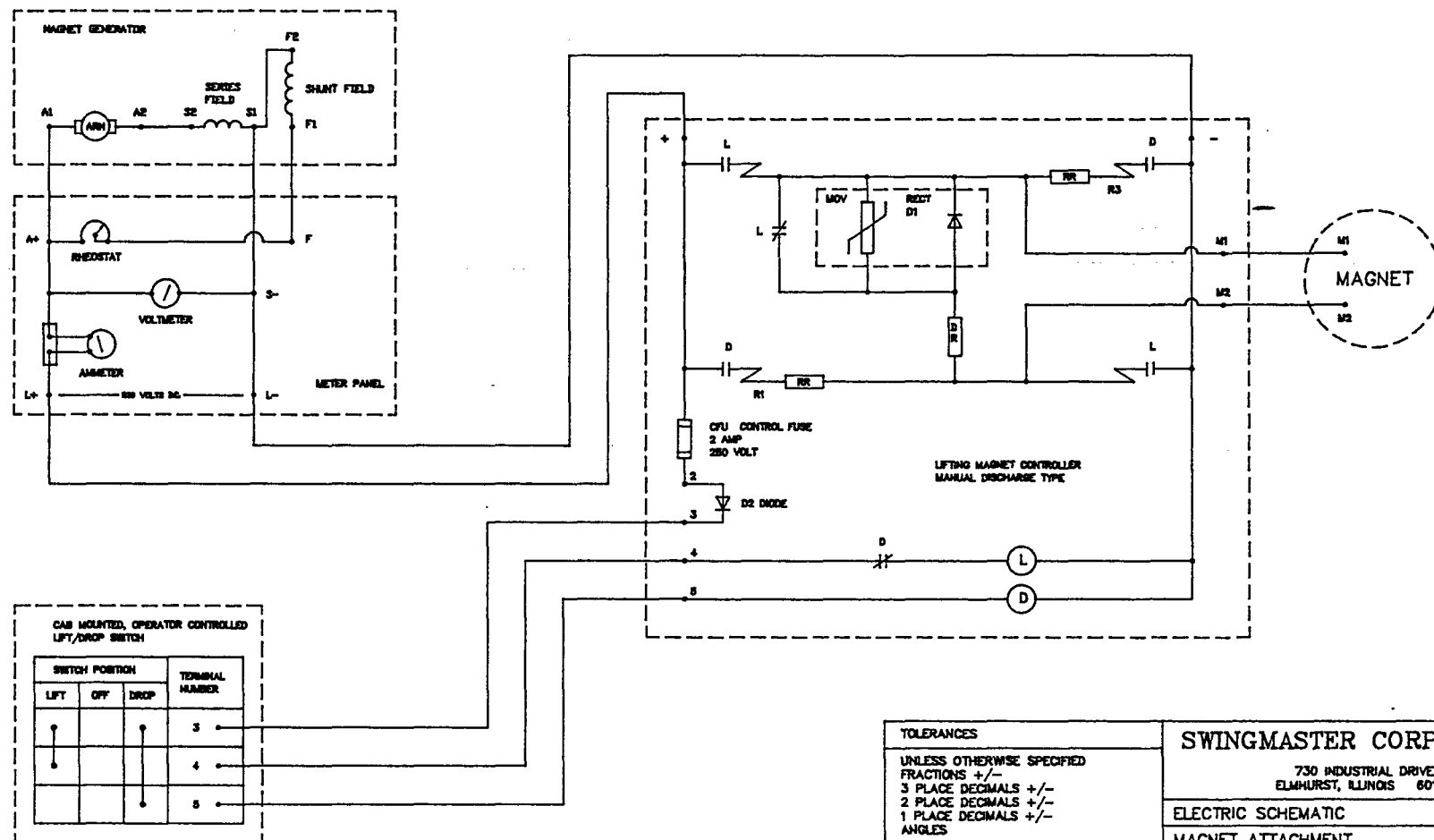
SECTION

34

MODEL 181 SWINGLOADER

MAGNETS, GENERATORS + CONTROLS

| ASSEMBLY |             | DESCRIPTION                              | QTY. |
|----------|-------------|------------------------------------------|------|
| NUMBER   |             |                                          |      |
| 1801606  |             | MAGNET POWER AND CONTROL WIRING - DIESEL |      |
| ITEM NO. | PART NUMBER | DESCRIPTION                              | USED |
| 2        | 1801036     | 10/3 SO BULK CORD/(IN)                   | 240  |
| 3        | 1801094     | 12 - 10 GAGE ELECTRICAL WIRE BUTT SPLICE | 11   |
| 4        | 1801776     | ELECTRICAL TAPE                          | 0    |
| 5        | 1801106     | 3/4" SWIVEL EYE BOLT SNAP                | 10   |
| 6        | 1801046     | 12/3 SO COILED CORD                      | 1/4  |
| 7        | 1801384     | MALE PUSH-PULL ELECTRICAL CONNECTOR      | 1    |
| 8        | 1801386     | FEMALE PUSH-PULL ELECTRICAL CONNECTOR    | 1    |
| 9        | 1801054     | 1/4-20 EYE BOLT                          | 1    |
| 10       | 1800510     | HEX NUT 1/4-20                           | 4    |
| 11       | 1800548     | 1/4" FLAT WASHER                         | 2    |
| 12       | 1800567     | 1/4" LOCK WASHER                         | 3    |
| 13       | 1801107     | 3/4" ALUMINUM CONDUIT BODY               | 1    |
| 14       | 1801108     | 3/4" ALUMINUM CONDUIT BODY COVER         | 1    |
| 15       | 1800909     | STRAIGHT REDUCER PIPE BUSHING 3/4 TO 1/2 | 1    |
| 16       | 1801052     | 3/4" WATERTIGHT CORD GRIP CONNECTOR      | 1    |
| 17       | 1801039     | 1/2" STRAIGHT CONDUIT CONNECTOR          | 4    |
| 18       | 1801041     | 1/2" 45 DEGREE CONDUIT CONNECTOR         | 4    |
| 19       | 1801105     | 1/2" CONDUIT/(IN)                        | 100  |
| 20       | 1801105     | 1/2" CONDUIT/(IN)                        | 140  |
| 21       | 1801105     | 1/2" CONDUIT/(IN)                        | 100  |
| 22       | 1801087     | BULK 10 GAGE WIRE/(FT)                   | 21   |
| 23       | 1801087     | BULK 10 GAGE WIRE/(FT)                   | 37   |
| 24       | 1801086     | BULK 14 GAGE WIRE/(FT)                   | 31   |
| 25       | 1801110     | 3/4" BEVEL WASHER                        | 10   |
| 26       | 1801449     | TY-WRAP 3/16" X 14" LONG                 | 10   |
| 27       | 1801090     | 10 GAGE 1/4" ELECTRICAL RING TERMINAL    | 4    |
| 28       | 1801088     | 14 GAGE #10 ELECTRICAL RING TERMINAL     | 6    |
| 29       | 1800438     | H.H.C.S. 1/4-20 X 1 1/4" LONG            | 2    |
| 30       | 1801090     | 3/4" COVER GASKET                        | 1    |
| 31       | 1801111     | STRAIGHT REDUCER WASHER 1" TO 1/2"       | 2    |
| 32       | 1801105     | 1/2" CONDUIT/(IN)                        | 85   |
| 33       | 1801087     | BULK 10 GAGE WIRE/(FT)                   | 17   |



## TOLERANCES

UNLESS OTHERWISE SPECIFIED  
 FRACTIONS +/-  
 3 PLACE DECIMALS +/-  
 2 PLACE DECIMALS +/-  
 1 PLACE DECIMALS +/-  
 ANGLES

SEE SWINGMASTER SPECIFICATION  
 G-1 FOR TOLERANCES NOT SPECIFIED

DIMENSIONS ARE IN INCHES  
 DO NOT SCALE DRAWING  
 SCALE: NONE

## SWINGMASTER CORPORATION

730 INDUSTRIAL DRIVE  
 ELMHURST, ILLINOIS 60126

## ELECTRIC SCHEMATIC

## MAGNET ATTACHMENT

## 5 KW DIESEL WITH GAGES AND RHEOSTAT

DRAWN BY: J.R.

DATE: 3-24-87

DRAWING NO.

H-91

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

34

MODEL 181 SWINGLOADER

MAGNETS, GENERATORS + CONTROLS

ASSEMBLY  
NUMBER

DESCRIPTION

1801607

ELECTRIC SCHEMATIC - MAGNET ATTACHMENT  
- DIESEL ENGINE -

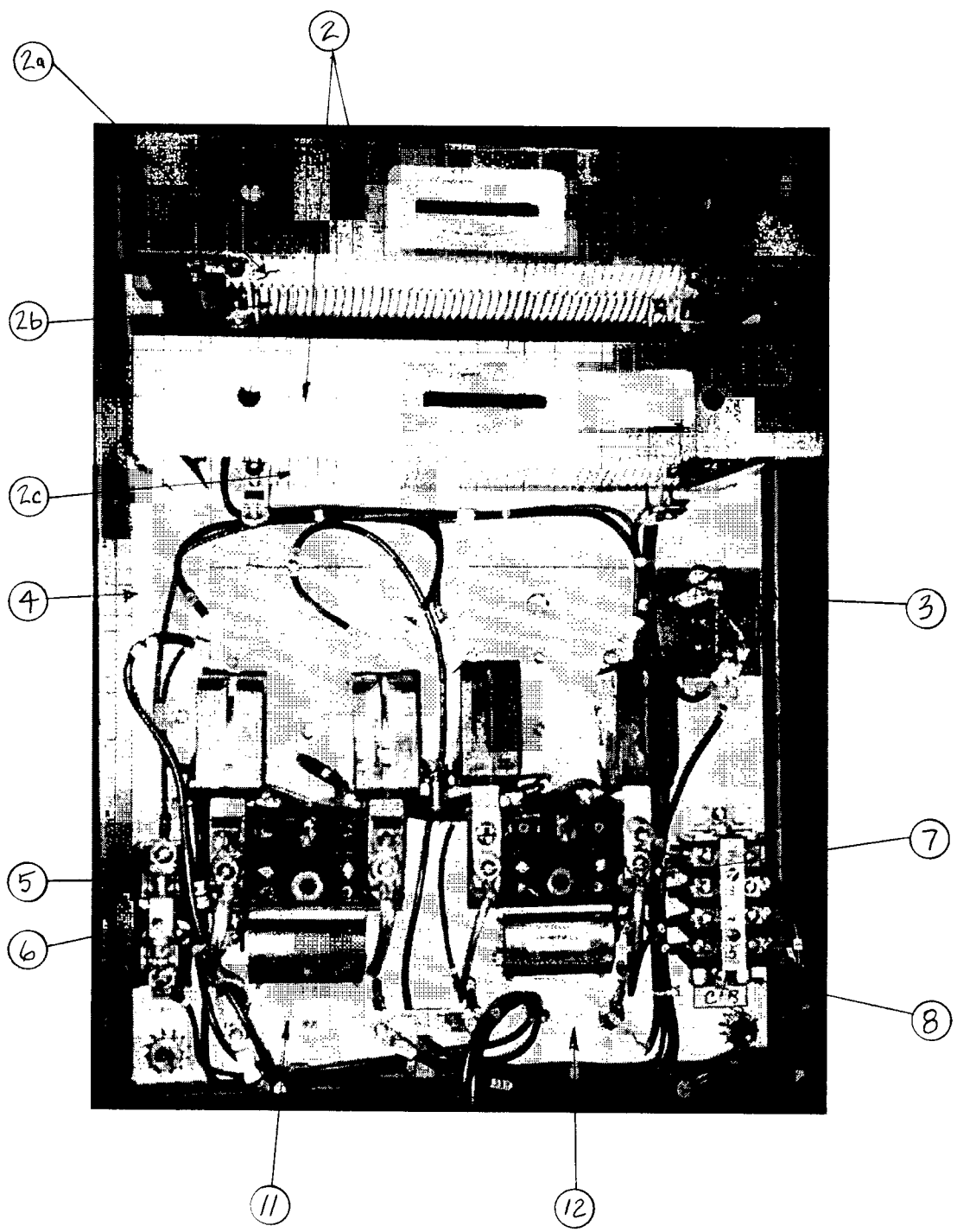
ITEM  
NO.

PART  
NUMBER

DESCRIPTION

QTY.  
USED

DRAWING FOR REFERENCE PURPOSES ONLY



## SWINGMASTER CORPORATION

## PARTS BOOK

| MACHINE               | SECTION                        | 34 |
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| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |    |

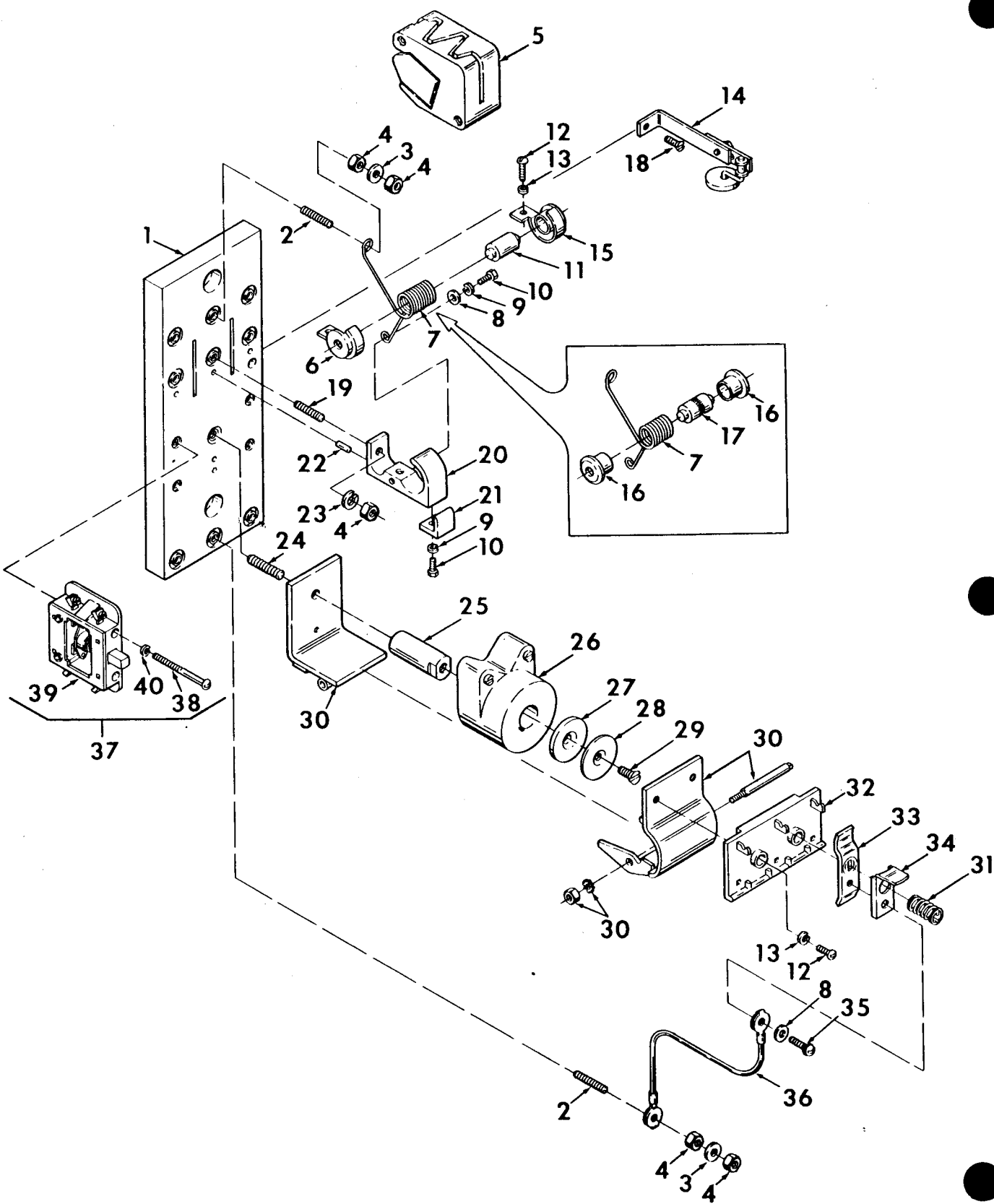
ASSEMBLY  
NUMBER

## DESCRIPTION

1801473

MAGNET CONTROLLER

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                                                      | QTY.<br>USED |
|-------------|----------------|------------------------------------------------------------------|--------------|
| 2           | 8701766        | DISCHARGE RESISTOR ASSY (INCLUDES 2a-e)                          | 1            |
| 2a          | 8702947        | COIL (LABELED ENDS M2+R2)                                        | 1            |
| 2b          | 8702946        | COIL (LABELED ENDS R1+M2)                                        | 1            |
| 2c          | 8702946        | COIL (LABELED ENDS M1+R3)                                        | 1            |
| 2d          | 8702948        | RETAINER CLIP (NOT SHOWN IN PICTURE)                             | 6            |
| 2e          | 8702949        | INSULATOR (NOT SHOWN IN PICTURE)                                 | 6            |
| 3           | 8701768        | DISCHARGE RECTIFIER ASSY (INCLUDES 3a+3b)                        | 1            |
| 3a          | 8702950        | RECTIFIER (NOT SHOWN IN PICTURE)                                 | 1            |
| 3b          | 8702951        | MOV (NOT SHOWN IN PICTURE)                                       | 1            |
| 4           | 8702952        | INSULATING PANEL                                                 | 1            |
| 5           | 8702953        | FUSE BLOCK                                                       | 1            |
| 6           | 8701171        | CONTROL FUSE                                                     | 1            |
| 7           | 8701174        | DIODE                                                            | 1            |
| 8           | 8701767        | CONTROL TERMINAL BOARD                                           | 1            |
| 9           | 8702954        | CABINET DOOR (NOT SHOWN IN PICTURE)                              | 1            |
| 10          | 8702955        | CABINET (NOT SHOWN IN PICTURE)                                   | 1            |
| 11          | 8701169        | DROP CONTACTOR ASSEMBLY                                          | 1            |
|             | 8700006        | SPARE PARTS KIT<br>(INCLUDES SET OF CONTACTS, SPRINGS, AND COIL) | 1            |
| 12          | 8701178        | LIFT CONTACTOR ASSEMBLY                                          | 1            |
|             | 8702956        | SPARE PARTS KIT<br>(INCLUDES SET OF CONTACTS, SPRINGS, AND COIL) | 1            |



## SWINGMASTER CORPORATION

## PARTS BOOK

| MACHINE               | SECTION                        | 34 |
|-----------------------|--------------------------------|----|
| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |    |

ASSEMBLY  
NUMBER

## DESCRIPTION

|         |                         |               |
|---------|-------------------------|---------------|
| 8701169 | DROP CONTACTOR - 2 POLE | P/N 59312-508 |
| 8701178 | LIFT CONTACTOR - 2 POLE | P/N 59322-503 |

| ITEM NO. | PART NUMBER | DESCRIPTION                             | QTY. USED |
|----------|-------------|-----------------------------------------|-----------|
| 1        | 8701861     | BASE                                    | 1         |
| 2        | 8701880     | THREADED STUD 1/4-20 X 1 1/8" LONG      | 4         |
| 3        | 8701885     | 1/4" FLAT WASHER (BRASS)                | 6         |
| 4        | 8701886     | HEX JAM NUT 1/4-20                      | 10        |
| 5        |             | ARC SHIELD ASSEMBLY                     | 2         |
|          | 8701895     | FOR LIFT CONTACTOR ONLY                 |           |
|          | 8701878     | FOR DROP CONTACTOR ONLY                 |           |
| 6        | 8701865     | B.C. SUPPORT L.H. (FOR DROP CONTACTOR)  | 2         |
| 7        |             | BLOWOUT COIL                            | 2         |
|          | 8702957     | 50 AMP - FOR LIFT CONTACTOR ONLY        |           |
|          | 8701863     | 25 AMP - FOR DROP CONTACTOR ONLY        |           |
| 8        | 8701391     | #10 FLAT WASHER (BRASS)                 | 4         |
| 9        | 1800566     | #10 LOCK WASHER                         | 4         |
| 10       | 8701883     | H.H.C.S. #10-24 X 3/8" LONG (STAINLESS) | 4         |
| 11       | 8701866     | BLOWOUT COIL CORE (FOR DROP CONTACTOR)  | 2         |
| 12       | 1801686     | R.H.M.S. #8-32 X 5/8"                   |           |
|          |             | FOR LIFT CONTACTOR ONLY                 | 2         |
|          |             | FOR DROP CONTACTOR ONLY                 | 4         |
| 13       | 8701879     | #8 LOCK WASHER                          |           |
|          |             | FOR LIFT CONTACTOR ONLY                 | 2         |
|          |             | FOR DROP CONTACTOR ONLY                 | 4         |

## SWINGMASTER CORPORATION

## PARTS BOOK

| MACHINE               | SECTION                        | 34    |
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| -----                 | -----                          | ----- |
| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |       |
| -----                 | -----                          | ----- |

| ASSEMBLY<br>NUMBER | DESCRIPTION             |               |
|--------------------|-------------------------|---------------|
| -----              | -----                   | -----         |
| 8701169            | DROP CONTACTOR - 2 POLE | P/N 59312-508 |
| 8701178            | LIFT CONTACTOR - 2 POLE | P/N 59322-503 |
| -----              | -----                   | -----         |

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                             | QTY.<br>USED |
|-------------|----------------|-----------------------------------------|--------------|
| -----       | -----          | -----                                   | -----        |
| 14**        | 8701168        | MECHANICAL INTERLOCK (INCLUDES ITEM 18) | 1            |
| 15          | 8701864        | B.C. SUPPORT R.H. (FOR DROP CONTACTOR)  | 2            |
| 16          | 8701888        | B.C. INSULATOR (FOR LIFT CONTACTOR)     | 4            |
| 17          | 8701889        | BLOWOUT COIL CORE (FOR LIFT CONTACTOR)  | 2            |
| 18          | 1801685        | R.H.M.S. 10-24 X 3/8" LONG              | 1            |
| 19          | 8701881        | THREADED STUD 1/4-20 X 7/8" LONG        | 2            |
| 20          |                | STATIONARY CONTACT SUPPORT              | 2            |
|             | 8701887        | FOR LIFT CONTACTOR ONLY                 |              |
|             | 8701862        | FOR DROP CONTACTOR ONLY                 |              |
| 21          |                | STATIONARY CONTACT TIP                  | 2            |
|             | 8701890        | FOR LIFT CONTACTOR ONLY                 |              |
|             | 8701867        | FOR DROP CONTACTOR ONLY                 |              |
| 22          | 8701877        | GROOVE PIN                              | 2            |
| 23          | 1800567        | 1/4" LOCK WASHER                        | 2            |
| 24          | 8701870        | THREADED STUD 5/16-18 X 1 1/4" LONG     | 1            |
| 25          | 8701869        | CORE                                    | 1            |
| 26          | 8701769        | COIL (230/250V D.C.)                    | 1            |
| 27          | 8701871        | CORE CAP                                | 1            |
| 28          | 8701872        | NON - MAGNETIC SPACER                   | 1            |
| 29          | 8701884        | F.H.S. 1/4-20 X 1/2" LONG (BRASS)       | 1            |
| 30          | 8701868        | ARMATURE - STATOR - HINGE PIN ASSEMBLY  | 1            |
| -----       | -----          | -----                                   | -----        |

\*\* IS NOT INLCUED IN P/N 8701169 OR 8701178

## SWINGMASTER CORPORATION

## PARTS BOOK

|                       |                                |       |
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| MACHINE               | SECTION                        | 34    |
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| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |       |
| -----                 | -----                          | ----- |

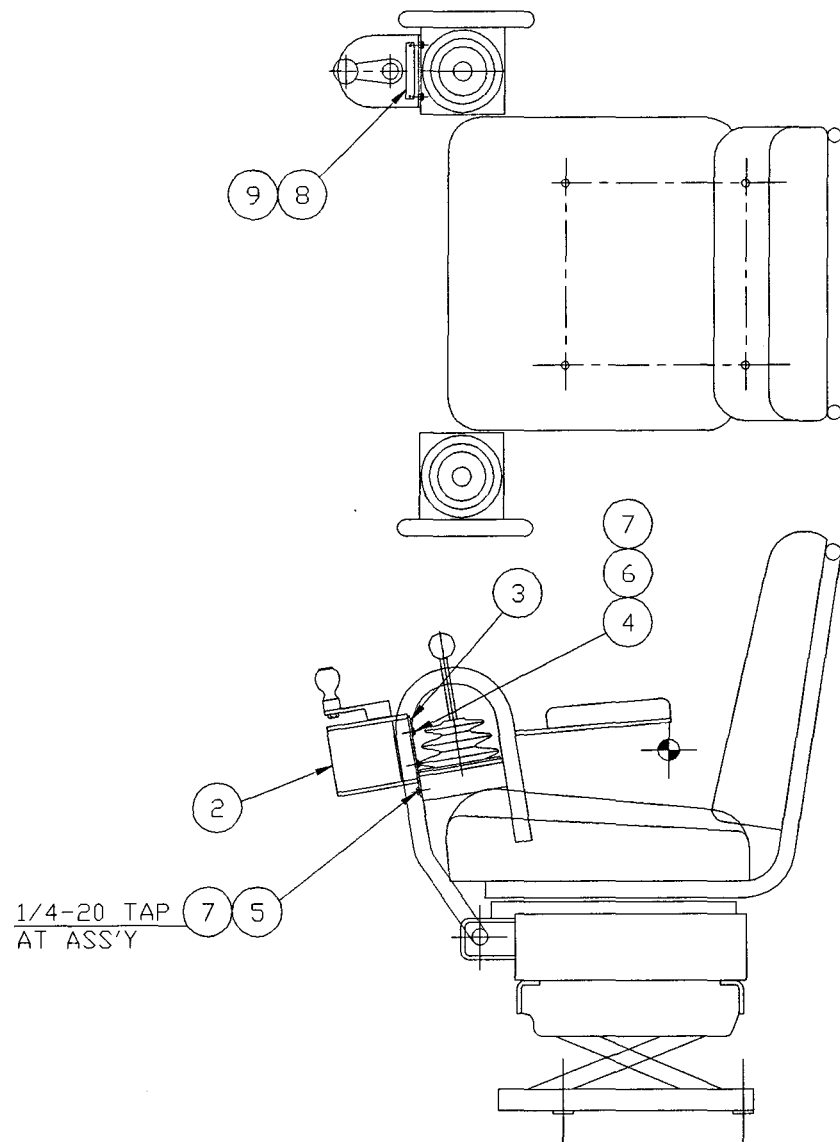
ASSEMBLY  
NUMBER

## DESCRIPTION

|         |                         |               |
|---------|-------------------------|---------------|
| 8701169 | DROP CONTACTOR - 2 POLE | P/N 59312-508 |
| 8701178 | LIFT CONTACTOR - 2 POLE | P/N 59322-503 |

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                             | QTY.<br>USED |
|-------------|----------------|-----------------------------------------|--------------|
| 31          |                | FINGER SPRING                           | 2            |
|             | 8701892        | FOR LIFT CONTACTOR ONLY                 |              |
|             | 8701875        | FOR DROP CONTACTOR ONLY                 |              |
| 32          | 8701873        | FINGER BOARD                            | 1            |
| 33          |                | MOVABLE FINGER                          | 2            |
|             | 8701891        | FOR LIFT CONTACTOR ONLY                 |              |
|             | 8701874        | FOR DROP CONTACTOR ONLY                 |              |
| 34          | 8701894        | ARC HORN (FOR LIFT CONTACTOR ONLY)      | 2            |
| 35          | 8701882        | SEMS. SCREW #10-32 X 3/8" LONG (BRASS)  | 2            |
| 36          |                | FINGER SHUNT                            | 2            |
|             | 8701893        | FOR LIFT CONTACTOR ONLY                 |              |
|             | 8701876        | FOR DROP CONTACTOR ONLY                 |              |
| 37**        | 8701170        | AUXILIARY CONTACT ASSY (INCLUDES 38-40) | 2            |
| 38**        | 8702958        | R.H.M.S. #8-32 X 2 1/16" LONG           | 4            |
| 39**        | 8702959        | AUXILIARY CONTACT BLOCK                 | 2            |
| 40**        | 8701879        | #8 LOCK WASHER                          | 4            |

\*\* IS NOT INLCUED IN P/N 8701169 OR 8701178



# 1 INSTALLATION

| TOLERANCES                       |  | SWINGMASTER CORPORATION            |  |
|----------------------------------|--|------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED       |  | 11415 MELROSE AVENUE               |  |
| FRACTIONS +/-                    |  | FRANKLIN PARK, ILLINOIS 60131      |  |
| 3 PLACE DECIMALS +/-             |  | MAGNET CONTROL SWITCH INSTALLATION |  |
| 2 PLACE DECIMALS +/-             |  |                                    |  |
| 1 PLACE DECIMALS +/-             |  |                                    |  |
| ANGLES                           |  |                                    |  |
| SEE SWINGMASTER SPECIFICATION    |  |                                    |  |
| G-1 FOR TOLERANCES NOT SPECIFIED |  |                                    |  |
| DIMENSIONS ARE IN INCHES         |  | DRAWN BY: J.K.                     |  |
| DO NOT SCALE DRAWING             |  | DATE: 1-5-90                       |  |
| SCALE: 1/8                       |  | DRAWING NO. H1-69                  |  |

SWINGMASTER CORPORATION

PARTS BOOK

MACHINE

SECTION

34

MODEL 181 SWINGLOADER

MAGNETS, GENERATORS + CONTROLS

ASSEMBLY

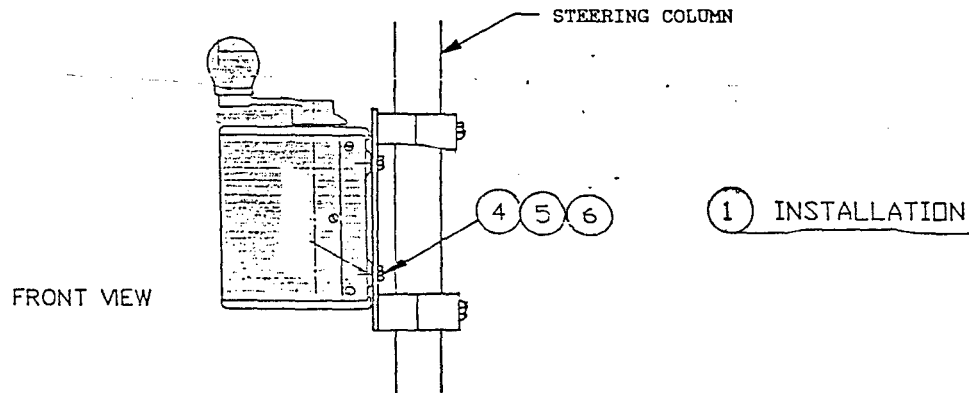
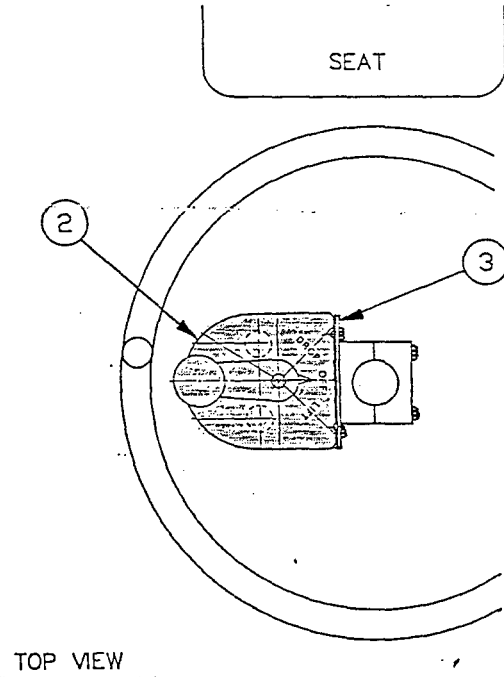
NUMBER

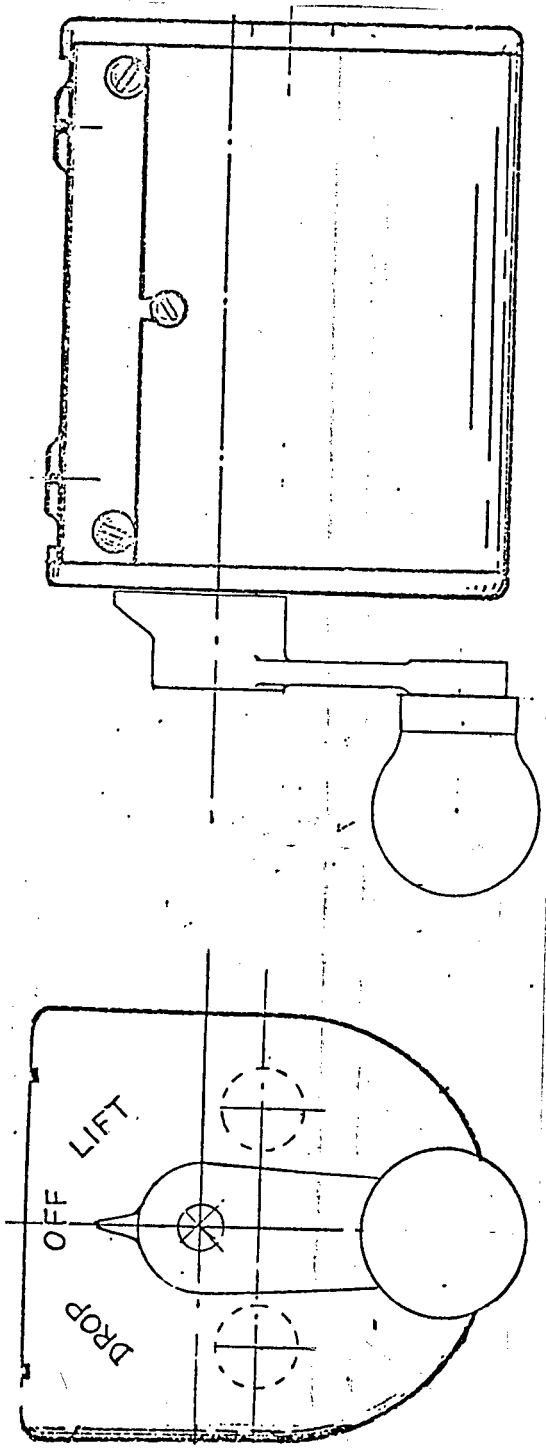
DESCRIPTION

1803128

MAGNET CONTROL SWITCH INSTALLATION

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                         | QTY.<br>USED |
|-------------|----------------|-------------------------------------|--------------|
| 2           | 1800507        | MAGNET CONTROL SWITCH LIFT-OFF-DROP | 1.00         |
| 3           | 1803130        | MOUNTING BRACKET                    | 1.00         |
| 4           | 1800437        | H.H.C.S. 1/4-20 X 1" LONG           | 4.00         |
| 5           | 1800430        | H.H.C.S. 1/4-20 X 1/2" LONG         | 2.00         |
| 6           | 1800510        | HEX NUT 1/4-20                      | 4.00         |
| 7           | 1800567        | 1/4" LOCK WASHER                    | 6.00         |
| 8           | 1803129        | NAME PLATE - LIFT OFF DROP          | 1.00         |
| 9           | 1800845        | 1/8" POP RIVET                      | 2.00         |





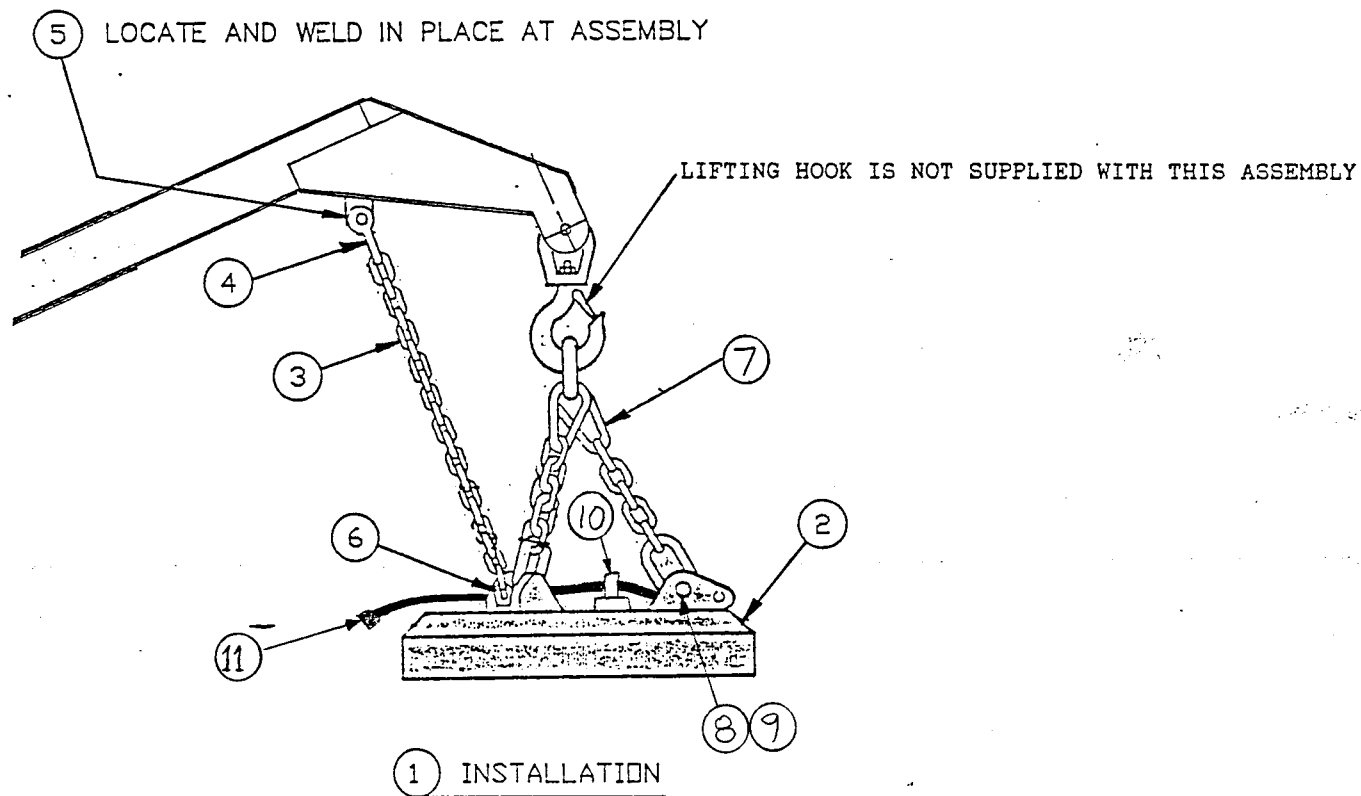
## SWINGMASTER CORPORATION

## PARTS BOOK

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| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |    |

| ASSEMBLY<br>NUMBER | DESCRIPTION           |
|--------------------|-----------------------|
| 1800507            | MAGNET CONTROL SWITCH |

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                              | QTY.<br>USED |
|-------------|----------------|------------------------------------------|--------------|
| 1           | 8701374        | END PLATE ASSEMBLY                       | 1            |
| 2           | 8701375        | FRAME NEMA I                             | 1            |
| 3           | 8701376        | COVER ASSEMBLY NEMA I                    | 1            |
| 4           | 8701377        | HANDLE ASSEMBLY                          | 1            |
| 5           | 8701378        | SHAFT                                    | 1            |
| 6           | 8701379        | SQUARE BAKE INSULATOR                    | 1            |
| 7           | 8701380        | DRUM SECTION                             | 1            |
| 8           | 8701381        | DRUM CLAMP                               | 1            |
| 9           | 8701382        | STAR WHEEL                               | 1            |
| 10          | 8701383        | STAR LEVER ASSEMBLY                      | 1            |
| 11          | 8701384        | STAR LEVER SPRING                        | 1            |
| 12          | 8701385        | FINGER BOARD                             | 1            |
| 13          | 8701386        | FINGER ASSEMBLY                          | 3            |
| 14          | 8701387        | FINGER BASE ASSEMBLY                     | 1            |
| 15          | 8701388        | FINGER AUXILIARY BASE                    | 3            |
| 16          | 8701389        | FINGER SPRING                            | 3            |
| 17          | 1800548        | 1/4" FLAT WASHER                         | 1            |
| 18          | 1801684        | ROUND HEAD MACH SCREW 1/4-20 X 3/8" LONG | 4            |
| 19          | 1800567        | 1/4" LOCK WASHER                         | 4            |
| 20          | 1800547        | #10 FLAT WASHER                          | 1            |
| 21          | 8701390        | H.H. SLOTTED SCREW #10-24 X 3/8" LONG    | 3            |
| 22          | 8701391        | #10 FLAT WASHER (BRASS)                  | 2            |
| 23          | 1800566        | #10 LOCK WASHER                          | 2            |
| 24          | 1801685        | ROUND HEAD MACH SCREW #10-24 X 5/8" LG   | 6            |
| 25          | 1801686        | ROUND HEAD MACH SCREW #8-32 X 7/8" LG    | 3            |
| 26          | 1801683        | #8-32 HEX NUT                            | 6            |
| 27          | 1801682        | #8 FLAT WASHER                           | 3            |
| 28          | 1800577        | 1/16" X 1/2" LONG COTTER KEY             | 1            |
| 29          | 8701392        | #5 WOODRUFF SHAFT KEY                    | 1            |



## SWINGMASTER CORPORATION

## PARTS BOOK

|                       |                                |       |
|-----------------------|--------------------------------|-------|
| MACHINE               | SECTION                        | 34    |
| -----                 | -----                          | ----- |
| MODEL 181 SWINGLOADER | MAGNETS, GENERATORS + CONTROLS |       |
| -----                 | -----                          | ----- |

 ASSEMBLY  
 NUMBER

## DESCRIPTION

|         |                                       |
|---------|---------------------------------------|
| 1801554 | MAGNET INSTALLATION - ALUMINUM MAGNET |
| 1801613 | MAGNET INSTALLATION - COPPER MAGNET   |

| ITEM<br>NO. | PART<br>NUMBER | DESCRIPTION                                                                 | QTY.<br>USED |
|-------------|----------------|-----------------------------------------------------------------------------|--------------|
| -----       | -----          | -----                                                                       | -----        |
| 2a          | 1800414        | 30" ALUMINUM WOUND MAGNET ASSEMBLY<br>INCLUDES ITEMS 7-11                   | 1            |
| 2b          | 1800416        | 30" COPPER WOUND MAGNET ASSEMBLY<br>INCLUDES ITEMS 7-11                     | 1            |
| 2c          | 1803562        | 30" ALUMINUM WOUND MAGNET ASSEMBLY<br>100% DUTY CYCLE - INCLUDES ITEMS 7-11 | 1            |
| 3           | 1801015        | 3/8" BULK CHAIN/(FT)                                                        | 37           |
| 4           | 1801016        | 3/8" CHAIN DOUBLE CLEVIS LINK                                               | 1            |
| 5           | 1800348        | STEEL LUG                                                                   | 1            |
| 6           | 1801017        | 1/2" CHAIN DOUBLE CLEVIS LINK                                               | 1            |
| 7           | 8701240        | CHAIN SUPPORT ASSEMBLY                                                      | 1            |
| 8           | 8701237        | CHAIN PIN                                                                   | 3            |
| 9           | 8701238        | COTTER PIN                                                                  | 6            |
| 10          | 8701241        | ELECTRICAL CABLE CLAMP                                                      | 1            |
| 11          | 8701239        | ELECTRICAL LEAD ASSEMBLY                                                    | 1            |