GENERAL
INSTALLATION, OPERATION, MAINTENANCE, and PARTS MANUAL for your
1265 and 1266 SLIDE DOOR OPERATORS Model "E"

Crown Industrial Operators
(formerly manufactured by Richards-Wilcox)
213 Michelle Court
So. San Francisco, CA 94080-6202
phone: (650) 952-5150
fax: (650) 873-1495

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NOTE: We reserve the right to modify or change, without prior notice, any statements or information contained herein. If exact dimensions or specifications are required by the customer certified prints will be furnished without charge upon request to Crown Industrial Operators. This manual covers standard catalogued operators only and does not cover special non-standard equipment.
A. PURPOSE: This Crown Industrial Operators Installation, Operation, Maintenance and Parts Manual has been developed to assist you in the installation, operation, and maintenance of your electric operator, and thus enable you to utilize it to its maximum efficiency.

B. MODELS COVERED: This manual covers the current Model 1265 and 1266 Operators in production and contains the latest information available. Model 1265 and 1266 Operators are identical in construction. The Model 1265 is used specifically for powering single slide doors whereas the Model 1266 is used specifically for powering bi-parting doors. The parts pages have been prepared so that you can easily determine the parts contained in your electric operator.

C. APPLICATION: No. 1265 and No. 1266 Electric Door Operators are not intended for use on openings less than 7'-0" in height unless they have been provided with weather covers.

D. DESCRIPTION:
(1) GENERAL. These operators consist of a instantly reversible C-face motor, double C-face disc brake, C-face right angle reducer assembled into a complete power unit assembly. Onto this power unit is assembled a fully automatic rotary limit switch and safety friction disc clutch. (Figure 1) Also included as a part of the operator is a reversing starter with overload protection, chain release door bracket(s), roller chain, and an idler take-up assembly. Sag rollers are also furnished for this installations on openings 14' and over. Custom controls are available as extra items as is the weather resistant 88ver for exterior applications.

2. INSTALLATION AND OPERATION

A. GENERAL
(1) The Crown Industrial 1265 and 1266 Electric Door Operators have been especially designed for commercial and industrial installations where the operator has to stand up under constant hard use. To insure correct installation and proper operation of operator and associated hardware, the following instructions are given:

(2) SHIPMENT CHECK: To insure that all equipment is complete, check the components received with the material specifications sheets included with the installation packet supplied with the order.

(3) CHECK THE DOORS: After installation of door and track and before starting operator installation, inspect to insure that the door is in good working condition, is rigidly supported and has no obstruction to block or retard its slide.

(4) REVIEW THE INSTALLATION DRAWING: The installation drawing shows the layout of the door or doors, template drilling for the door and wall, and general terms used to describe components. Review of the drawing will familiarize you with the equipment.
To determine the hand of single slide doors for operator mounting purposes, stand on the door side of the wall facing through the door opening, if the door slides to your right, it is a right-hand door, if it slides to your left, it is a left-hand door. (Figure 2) Mount equipment accordingly.

B. INSTALLATION OF DOOR BRACKET
(1) In most cases the locations of the door bracket from the leading edge of the door is not specified. This permits positioning the door bracket to either side of any obstruction near the leading edge of the door, however, it should be located as close to the leading edge of the door as possible.

(2) Locate the door bracket from the leading edge of door as required and at the same time locate it vertically from top of door as shown in Figure 3, 4, 5, 6 or on the drawing for your particular installation. Mounting bracket(s) to door using (4) 3/8" dia. fasteners.
ELEVATION OF No. 1265 ELECTRIC OPERATOR

NOTE: 1. RIGHT HAND ELEVATION SHOWN.
2. LEFT HAND ELEVATION OPPOSITE EXCEPT
   AS NOTED.
3. SAG ROLLERS ARE FURNISHED FOR OPENINGS 14'-0"
   AND OVER.

5/8" THRU BOLTS W/L. & SQ. W.
5/8" THRU BOLTS W/L. & SQ. W.

SECTION "C-C" AT IDLER

SECTION "B-B" AT SAG ROLLER &
DOOR BRACKET

SECTION "A-A" AT OPERATOR
ALSO SEE FIG. 7, PAGE 6.
ELEVATION OF No. 1266 ELECTRIC OPERATOR

NOTE: 1. RIGHT HAND ELEVATION SHOWN
2. LEFT HAND ELEVATION OPPOSITE EXCEPT AS NOTED
3. SAG ROLLERS ARE FURNISHED FOR OPENINGS 14'-0" AND OVER

SECTION "C-C" AT IDLER

SECTION "B-B" AT SAG ROLLER & DOOR BRACKET

SECTION "A-A" AT OPERATOR

Figure 4. Installation of 1266 Operator
ELEVATION OF No. 1265 ELECTRIC OPERATOR
WITH WEATHER RESISTANT COVER

NOTE: 1. RIGHT HAND ELEVATION SHOWN.
2. LEFT HAND ELEVATION OPPOSITE EXCEPT AS NOTED.
3. SAG ROLLERS ARE FURNISHED FOR OPENINGS 14'-0" AND OVER

SECTION “A-A” AT OPERATOR
ALSO SEE FIG. 8, PAGE 6.

Figure 5. Installation of 1265 Operator with Weather Resistant Cover
Figure 6. Installation of 1266 Operator With Weather Resistant Cover
C. INSTALLATION OF OPERATOR AND SUPPORT BRACKET

(1) Locate the operator support bracket horizontally from the trailing edge of the door in the closed position. This is done by taking the "A" dimension and adding a minimum of 6" to it for all operators without weather resistant covers and a minimum of 1'0" to it for all operators with weather resistant covers. The "A" dimensions is found by measuring the distance from the leading edge of the door to the center line of the closest mounting bolt of the door bracket. See Figure 3, 4, 5, 6 or the drawing for your particular installation.

(2) The elevation of the operator support bracket also varies but can be found on Figure 3, 4, 5, 6 or on the installation drawing for your particular installation. When necessary for high track installations, the operator support bracket can be inverted as shown in Figure 7 or 8. Check your track installation for clearance 8-1/2" max. From top of door to top of track for standard installation.

(3) Prepare wall for 5/8" dia. Fasteners to receive operator support bracket. Mount bracket to wall.

(4) Raise operator into position over support bracket and loosely bolt into place with bolts provided. If operator has a weather resistant cover, remove cover before mounting operator.

D. INSTALLATION OF IDLER AND SUPPORT BRACKET

(1) For 1265 installations (single sliding doors) locate the idler support bracket no closer than 6" horizontally from the leading edge of the door in the closed position.

(2) For 1266 installations (bi-parting doors) locate the idler support bracket no closer than 6" plus the "A" dimension as described in step C1.

(3) The elevation of the idler support bracket from the top of the door can be found on Figure 3, 4, 5 or 6 or on the installation drawing for your particular installation.

(4) Prepare the wall for 5/8" dia. Fasteners to receive the idler support bracket and then secure in place.

(5) Raise the idler housing assembly in place under the support bracket and loosely bolt in place.

E. INSTALLATION OF SAG ROLLER

(1) Sag rollers are furnished for openings 14' and over and should be centered above the opening at an elevation as shown on Figure 3, 4, 5, 6 or on the drawing for your particular installation.

(2) Prepare the wall for 5/8" dia. Fasteners and mount sag roller in place.
F. OPERATOR, SAG ROLLER AND IDLER TAKE-UP ALIGNMENT

(1) Note that the dimension from the face of the door to the center of the chain latch on the door bracket is 4-3/8". (Figure 3, 4, 5, 6 or drawing for your particular installation)

(2) Slide the operator either outward or toward the wall until the 4-3/8" dimension is obtained between the face of the door and the center line of the drive sprocket. With operator parallel to door, secure in place.

(3) Loosen sag roller support connection and slide in or out to obtain the 4-3/8" dimension between the face of the door and the roller(s) centerline. Secure in place.

(4) Slide the idler housing assembly outward or toward the wall to obtain the 4-3/8" dimension between the face of the door and the roller(s) centerline of the drive sprocket. With operator parallel to door, secure in place.

At this point, check the chain latch(s) and the sag roller(s) for vertical adjustment. For single slide installations, stand at the end of the operator and sight along the bottom of the drive sprocket teeth across to the bottom teeth of the idler take-up sprocket. Between them at the same level should be the opening in the chain latch; if it is not, raise or lower the latch accordingly. The elevation of the sag roller can be checked by sighting along the top of the drive sprocket teeth across to the top of the teeth of the idler take-up sprocket. The center flat section on the sag roller should be directly under this sighted elevation, adjust accordingly. For bi-parting installations, there is a chain latch and a sag roller to sight for along both the top of the sprockets and along the bottom of the sprockets. Adjust accordingly.

G. INSTALLATION OF CHAIN FOR SINGLE SLIDE DOORS

(1) 1265 operators are furnished with one run of roller chain with a long link in the center and several connecting links. Install in the sequence given in the following paragraphs.

(2) Pull down on manual release chain on door bracket and hold. Insert chain through chain latch until the long link falls over center of latch. Release hold on manual release chain. (See Figure 9)

(3a) For 1265 operators without weather-resistant covers, bring one end of the roller chain around bottom of drive sprocket on operator and back over the sag roller. (See Figure 3). Loosen idler take-up and allow it to slide inward toward the opening. Bring the other end of the roller chain around bottom of idler sprocket and back towards the other end of the chain. Pull roller chain tight by hand, match ends and cut to length. Connect ends with roller chain connecting link.

(3b) For 1265 operators with weather resistant covers, remove the rubber slotted strip from the lower portion of the weather resistant cover. Bring one end of the roller chain through the lower hole in the rubber strip around under the drive sprocket on the operator, through the top hole in the rubber strip and back over the sag roller. (See Figure 5 or 8). Loosen the idler take-up and allow it to slide inward toward the opening. Bring the other end of the roller chain around bottom of idler sprocket and back towards the other end of the chain. Pull roller chain tight by hand, match ends and cut the length. Connect ends with roller chain connecting links. Cover will be reassemble later.

(3c) Another method for handling weather resistant covers is to follow step 3a and then slit the rubber strip in the lower portion of the cover down to the bottom hole for installation later.

(4) Apply medium tension to roller chain by turning take-up nut located on the end of the idler housing.

CAUTION: EXCESSIVE CHAIN TIGHTNESS COULD CAUSE EXTREME WEAR ON THE IDLER SPROCKET BEARING AND SHORT LIFE. CONVERSELY, A LOOSE CHAIN COULD JUMP THE DRIVE SPROCKET AND JAMB OR CHANGE DOOR STOPPING POINTS.

Upon reaching the proper chain tension, lock nut on inside of idler housing against rear of housing. Also lock the bolt which runs through the idler sprocket.

(5) At this point, check all components — operator, door bracket, sag roller and idler — for proper alignment.

NOTE: It is required that the chain latch, idler sprocket, and clutch drive sprocket be properly aligned for smooth operation of the door and for long life of operator parts.
H. INSTALLATION OF CHAIN FOR BI-PARTING DOORS
(1) The installation procedures for bi-parting doors is the same as that for the single sliding doors with the following exceptions:
(a) The doors must be in the fully closed position through whole installation of chain.
(b) There are two runs of roller chains furnished, each with along link in the center for the chain latch on the door brackets. (Figure 9)
(c) Center each long link in each chain latch. Bring the roller chain from the same side of each bracket around idler sprocket, pull tight by hand, match ends and cut to length. The chain from the other side of the brackets are pulled tight around the drive sprocket on the operator and with the ends matched, cut to length. Connect ends with roller chain connecting links. (Figure 4 or 6).

I. WIRING OPERATOR
(1) 1265 and 1266 Electric Door Operators are intended for application to motor branch circuits with voltage and current characteristics to meet operator ratings. Branch circuit, branch circuit disconnecting means and branch circuit overcurrent protection are to be properly sized in respect to the operator horsepower rating.
(2) Wire the operator power and control circuits as shown on the wiring diagram provided in the operator packing list envelope.

WARNING: Insure operator branch circuit is disconnected from power source when installing, adjusting, or servicing operator.

(3) Wire operator and control circuit as shown on the wiring diagram in the packing list envelope. Be sure all power is off.

J. PHASING OUT MOTOR
(1) Loosen all four bolts on operator friction clutch so that drive sprocket is free to rotate with roller chain, when gearmotor is not running.
(2) Three Phase: With clutch bolts loosened and door free to move by hand, turn the power on. It is intended to use the left side reversing contactor for the counter clockwise rotation of the clutch, and the right side contactor for the clockwise rotation of the clutch. Press one of the control buttons and observe the direction that the clutch rotates. If the clutch rotates in the clockwise direction, then the right side contactor coil should be energized. If the left side contactor coil should be energized for this clockwise rotation, exchange any two of the incoming power leads (i.e., L1, L2, L3).

K. ADAPTING CONTROLS
(1) Using the left side contactor for the counter-clockwise rotation of the clutch, determine if this rotation will open or close the door(s). Wire the corresponding open or close signal to control the left side contactor.

L. PRELIMINARY ROTARY LIMIT SWITCH ADJUSTMENT
(1) DESCRIPTION. This rotary limit switch is designed to accurately control the end limits of door travel provided by the electric door operator. The limit switch input shaft drives a worm and worm gear which in turn drives the nylon cams through spur gears. (See Figure 11). Each precision limit switch unit is actuated by a cam lobe on its individual nylon cam. This switch is provided with both rough and fine adjustments. The rough adjustment is accomplished by the rotational positioning of the nylon cam lobe in respect to its limit switch unit. The fine adjustment is accomplished by linear adjustment of the limit switch in respect to its cam lobe.

(2) PREPARATION FOR ADJUSTMENT.
(a) DISCONNECT THE ELECTRICAL POWER SUPPLY TO THE ELECTRIC DOOR OPERATOR.
(b) Remove the limit switch cover plate.
(c) Inspect the fine adjustment thumb wheels. An approximate 3/16" clearance should exist between the face of the wheel and its mounting post on limit switch unit "A". An approximate 1/16" clearance should exist between the face of the wheel and its mounting post on limit switch unit "B." If necessary, adjust the thumb wheels to these clearances. See Figure 12.
(3) ROUGH ADJUSTMENT.
(a) Manually operate the door in the direction it would be driven by the clockwise rotation of the operator drive sprocket. Position the door at its intended full travel position in this direction.
(b) See Figure 13. With the limit switch cover removed, loosen the cam locking screw “A” by turning it 360° in a counter clockwise direction.
(c) With the tip of the screwdriver, rotate the limit switch cam “A” until the black indicating line “A” on the cam is positioned in the spotting slot “A” as shown in Figure 13.
(d) Securely tighten cam locking screw “A” to properly seat lockwasher.

WARNING: DO NOT OVER TIGHTEN THIS SCREW SINCE OVER TORQUEING CAN DAMAGE THE LIMIT SWITCH CAM AND RESULT IN ERRATIC OPERATION OF THE LIMIT SWITCH.

(e) Manually operate the door in the direction it would move if it would be driven by the counterclockwise rotation of the operator drive sprocket. Position the door at its intended full travel position in this direction.
(f) See Figure 14. Loosen the cam locking screw “B” by turning it 360° in the counterclockwise directions.

(g) With the tip of the screwdriver, rotate the limit switch cam “B” until the back indicating line “B” on the cam is positioned in the spotting slot “B” as shown in Figure 14.

(h) Securely tighten cam locking screw “B” to properly seat lockwasher.

WARNING: DO NOT OVER TIGHTEN THIS SCREW SINCE OVER TORQUING CAN DAMAGE THE LIMIT SWITCH CAM AND RESULT IN ERRATIC OPERATION OF THE LIMIT SWITCH.

M. SETTING THE CLUTCH

(1) The purpose of the clutch is to protect the equipment from shock loads that might be introduced into the system. Under normal operation the clutch will not slip. Therefore, the clutch should be adjusted to a sufficient torque that will allow the operator to start and stop the door without any slipping. Keep in mind also that the clutch should not be so tight that it cannot slip under excessive loads.
(2) To adjust the clutch, tighten the bolts marked "A" as shown in Figure 15. Never tighten bolts consecutively, but always directly across from each other so as to provide even tension. An equal turn of each bolt is an important adjustment procedure.

N. FINAL ROTARY LIMIT SWITCH ADJUSTMENT

(1) WARNING!! SOME ELECTRICAL DOOR OPERATOR CONTROL CIRCUITS CAN CAUSE IMMEDIATE DOOR OPERATION UPON APPLYING POWER. INSURE THAT THE PATH OF THE DOOR IS FREE FROM OBSTRUCTIONS AND PERSONNEL.

(2) Reconnect the electrical power supply to the electric door operator.

(3) With the controls provided, operate the door in the direction it would be driven by the clockwise rotation of the operator clutch. You will note that the limit switch will stop the door short of its intended full travel position.

(4) DISCONNECT THE ELECTRICAL POWER SUPPLY TO THE ELECTRIC DOOR OPERATOR.

(5) See Figure 16. Rote the thumbscrew "A" in a direction towards the limit switch input shaft. A complete turn of the thumbscrew will increase the door travel by approximately six inches.
(6) Connect the electrical power supply to the electric door operator.

(7) With controls provided, operate the door in the opposite direction of travel in step three (3). You will note that the limit switch will stop the door short of its intended full travel position.

(8) DISCONNECT THE ELECTRICAL POWER SUPPLY TO THE ELECTRIC DOOR OPERATOR

(9) See Figure 17. Rotate the thumbscrew “B” in a direction away from the limit switch input shaft. A complete turn of the thumbscrew will increase the door travel by six inches.

(10) Connect the electrical power supply to the electric door operator.

(11) Repeat steps three (3) through ten (10) until the end limits are accurately set for the desired end positions of the door in each direction of its travel. Note that if during the fine adjustment, the door should overtravel its desired end positions, the travel can be shortened by rotating the thumbscrews in the opposite direction given in steps of five (5) and nine (9).

(12) Replace the limit switch cover.

O. FINAL ADJUSTMENTS AND CHECKS

(1) Make final check of operator, door bracket(s), sag roller(s) and idler take-up alignment. It is extremely important that the operator be run several times to check chain alignment. Do so at this point and make any corrections necessary.

NOTE: It is required that the chain latch, idler sprocket, and clutch drive sprocket be properly aligned for smooth operation of the door and for long life of operator parts.

(2) For 1265 and 1266 operators with weather resistant covers, and if step G-3a was followed, slip lower portion of cover into position up over operator and secure. Reassemble the rubber slotted strip to cover. If step G-3b was used, slip lower portion of cover into position with the roller chain falling through the slit cut in the rubber strip. Secure cover in place.
3. MAINTENANCE

A. GENERAL: To insure that the electric operator is ready for operation at all times, it must be inspected systematically which will preclude serious damage or failure. Proper adjustment and lubrication must be maintained and checked as recommended below.

B. LUBRICATION

(1) LUBRICATION FOR GEAR MOTOR

(a) Figure 18 shows the proper location of vent, oil level, and drain plugs.

(b) The gearunit is prelubricated and shipped with Mobil "SHC 643" synthetic lubricant. This oil is a lifetime lubricant rated for operation in ambient temperatures ranging from -40°F to 125°F.

(2) Every 900 cycles, where one cycle consists of opening and closing of the door, or every 3 months whichever comes first, clean and lubricate the chain with a SAE lubricant as required for ambient temperature.

C. PREVENTIVE MAINTENANCE: To prevent damage or improper operation, the following inspections should be made at least EVERY 6 MONTHS.

(1) Check oil level by removing the oil level plug. Oil should be up to the bottom of the plug hole.

(2) Check Tension of chain.

4. PARTS

A. TO ORDER REPLACEMENT PARTS: Order all replacement parts using the number shown on the following parts list pages.

Fax Crown Industrial Operators at (650)873-1495 or mail to 213 Michelle Ct. So. San Francisco, CA 94080-6202 the following information:

(1) SERIAL NUMBER OF ELECTRIC OPERATOR.

(2) SPECIFY the number of pieces needed.

(3) Order by part number and name of part.

(4) State whether to ship by freight, truck, parcel post, or air express.

(5) State whether transportation charges are to be prepaid or collect.

(6) Give name and address of person or company to whom parts are to be shipped.

(7) Give name and address of person or company to whom invoice is to be sent.

B. PARTS LIST: The following pages list the replacement parts which are illustrated in Figures 19 and 20.
Figure 20. Illustration of Parts - Weather Resistant Cover and Sag Roller Assemblies
### PARTS LIST
 MODELS 1265 AND 1266 OPERATOR ASSEMBLY

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>19 1200</td>
<td>Motor Per Specifications</td>
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<tr>
<td>19 1200</td>
<td>Gear Reducer Per Specifications</td>
</tr>
<tr>
<td>19 1200</td>
<td>Brake Per Specifications</td>
</tr>
<tr>
<td>19 1250-305</td>
<td>Timing Sprocket</td>
</tr>
<tr>
<td>19 1265-144</td>
<td>Operator Support Bracket</td>
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<tr>
<td>19 1265-156A</td>
<td>Limit Switch Assembly</td>
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<tr>
<td>19 1265-407</td>
<td>Clutch Assembly (1 1/8” φ Bore)</td>
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<tr>
<td>19 1265-467</td>
<td>Shim - 1/2 H.P.*</td>
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<tr>
<td>19 1265-468</td>
<td>Shim - 3/4 &amp; 1 H.P.*</td>
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<tr>
<td>19 1265-470</td>
<td>Shim - 1/2 &amp; 3/4 H.P.*</td>
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<td>19 1265-472</td>
<td>Limit Switch Base - 1/2 &amp; 3/4 H.P.</td>
</tr>
<tr>
<td>19 1265-473</td>
<td>Limit Switch Base - 3/4 &amp; 1 H.P.</td>
</tr>
<tr>
<td>19 1275-474</td>
<td>Operator Base 1/2 &amp; 3/4 H.P.</td>
</tr>
<tr>
<td>19 1265-476</td>
<td>Operator Base 1 H.P.</td>
</tr>
<tr>
<td>19 1265-477</td>
<td>Clutch Assembly (1”φ Bore)</td>
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<tr>
<td>19 19/8” x 1” Roll Pin</td>
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<tr>
<td>19 1265-6 Clutch Disc (2 Per Assembly)</td>
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<td>19 1265-7</td>
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<td>Driver Disc 1” Dia. Bore</td>
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<td>19 1265-17</td>
<td>Timing Sprocket</td>
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<td>19 1265-20</td>
<td>Clutch Springs (4 Per Assembly)</td>
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<td>Spring Spacers (4 Per Assembly)</td>
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<td>19 1265-405</td>
<td>Drive Sprocket</td>
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<td>19 1295-3</td>
<td>Inner Clutch Plate</td>
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<td>19 1295-68</td>
<td>Clutch Bearing</td>
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**1265-152A DOOR BRACKET ASSEMBLY**

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<tr>
<td>19 1250-269A</td>
<td>Chain Latch Assembly</td>
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<tr>
<td>19 1265-154</td>
<td>Door Bracket</td>
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<tr>
<td>19 1300-180</td>
<td>Wood Handle</td>
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<tr>
<td>19 #35 Sash Chain With “S” Hook, 266-7 Washer, and 3/16” x 5/8” Flex Ring Per Specifications</td>
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**1265-153A DOOR BRACKET ASSEMBLY**

(For use on 1266 Installations only)

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<td>Wood Handle</td>
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<td>19 #35 Sash Chain With “S” Hook, 266-7 Washer, and 3/16” x 5/8” Flex Ring Per Specifications</td>
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PARTS LIST
1250-269A CHAIN LATCH ASSEMBLY

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<td>Bolt</td>
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<tr>
<td>19 1250-21</td>
<td>Latch Housing</td>
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<tr>
<td>19 1250-22</td>
<td>Latch Cover</td>
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<tr>
<td>19 1250-23</td>
<td>Latch Washer (2 Per Assembly)</td>
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<td>19 1300-28</td>
<td>Spring</td>
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IDLER TAKE-UP AND SUPPORT

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1265-404A IDLER HOUSING ASSEMBLY

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<tbody>
<tr>
<td>19 1265-59</td>
<td>Clevis</td>
</tr>
<tr>
<td>19 1265-60</td>
<td>Spacer (2 Per Assembly)</td>
</tr>
<tr>
<td>19 1265-71</td>
<td>Housing</td>
</tr>
<tr>
<td>19 1265-402A</td>
<td>Sprocket Assembly</td>
</tr>
<tr>
<td>19 3021-DS</td>
<td>Bearing</td>
</tr>
</tbody>
</table>

1265-179A SINGLE SAG ROLLER ASSEMBLY
(For 1265 Installations only)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 1250-149A</td>
<td>Roller Assembly</td>
</tr>
<tr>
<td>20 1265-181</td>
<td>Roller Support Bracket</td>
</tr>
<tr>
<td>20 1265-182</td>
<td>Single Roller Bracket</td>
</tr>
</tbody>
</table>

1265-180A DOUBLE SAG ROLLER ASSEMBLY
(For 1266 Operator Installations Only)

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>20 1250-149A</td>
<td>Roller Assembly (2 Per Assembly)</td>
</tr>
<tr>
<td>20 1265-181</td>
<td>Roller Support Bracket</td>
</tr>
<tr>
<td>20 1265-183</td>
<td>Double Support Bracket</td>
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</tbody>
</table>

WEATHER-RESISTANT COVER ASSEMBLY

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 1265-478</td>
<td>Cover Base 1/2 H.P.</td>
</tr>
<tr>
<td>20 1265-479</td>
<td>Cover Base 1/2 &amp; 3/4 H.P.</td>
</tr>
<tr>
<td>20 1265-480</td>
<td>Cover Base 3/4 &amp; 1 H.P.</td>
</tr>
<tr>
<td>20 1265-482</td>
<td>Weather-Resistant Cover w/ 1275-61 Retaining Rods ad 1/8&quot; X 1&quot; Cotter</td>
</tr>
</tbody>
</table>
MAINTENANCE INFORMATION
(To Be Filled Out By User)

Operator Serial Number 1265-5

H.P.

Supplied on CIO Order Number

Power Supply: Volts Hz Phase

Installed At: Date:

Notes:

GUARANTEE

If, within a period of one year from date of shipment, any part of a CIO Electric "Aut-o-doR" Operator is found defective due to poor materials or workmanship, new parts will be furnished free of charge F.O.B. manufacturer's plant, providing the equipment has been given normal and proper usage, lubrication, and maintenance and is still the property of the original purchaser and/or part of the original installation. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND THE MANUFACTURER MAKES NO IMPLIED WARRANTY OF MERCHANTABILITY BEYOND THE EXPRESS TERMS HEREOF. MANUFACTURER'S LIABILITY FOR DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, RESULTING FROM ANY SUCH DEFECTIVE PRODUCT IS STRICTLY LIMITED TO THE DELIVERY OF NEW PARTS, AS SET FORTH ABOVE.

213 Michelle Court
South San Francisco, CA 94080-6202
Phone (650) 952-5150 Fax (650) 873-1495