SPOA10, SP010, SPOA7 Hybrid
(500 And 700 Series Lifts)
Capacity 10,000 lbs.

IMPORTANT: When ordering parts or requesting service always give exact model and power unit serial number. Model number is shown on nameplate attached to power unit column. Power unit serial number is located on side of power unit.

OWNERS RECORD
Complete information at right and keep in a safe place.

Date Installed ________________________________
Installed in Bay # ____________________________
Power Unit Serial # __________________________
Power Unit Model # __________________________
Lift Serial # ________________________________
Lift Model # ________________________________

NOTE: For replacement parts - See your nearest Rotary Parts Distributor.
1. L.H. Column Weldment..............................................N752
2. R.H. Column Weldment..............................................N755
3. Column Extension
   Standard Height..................................................N470
   EH-1 MODEL..........................................................N471
   EH-2 MODEL..........................................................N472
   EH-4 MODEL (SPO10 only).........................................N474
4. Carriage Yoke Weldment..........................................N822
5. Arm Pin..............................................................N2154
6. 1/4"-20NC x 3/4" Lg. HHCS......................................40099
7. Hydraulic Cylinder
   68" Rise............................................................N380
   71" Rise............................................................N382
8. Power Unit
   10 60Hz ..........................................................**P1302/P3302
   10 50Hz ..........................................................**P1389/P3389
   3Ø ...............................................................**P1347/P3347
   3Ø 575V ..........................................................**P1359/P3359
   3Ø 380V (S Model)...............................................**P1510/P3510
9. Power Unit Hose..................................................FJ837
10. 5/16"-18NC x 1-1/2" Flanged HHCS (Full Thread)....40509
11. NA ........................................................................NA
12. 5/16"-18NC Hex Flanged Lock Nut.........................40678
13. Actuator Pin Handle..............................................FJ7985-1
14. Actuator Pin ........................................................N121-1
15. Retaining Pin .......................................................N119-3
17. Bleeder Screw (Specify Manufacturer) ....................N/A
18. Carriage Bumper...............................................FA941
19. Arm Restraint Pawl ..............................................N2121
20. Approach bumper ...............................................FJ7391-1
21. 5/8"-11NC Nylon Insert Lock Nut .........................40743
22. Truarc #5304-75 Klipring for 3/4" Shaft .................41411
23. Sheave .............................................................N377
24. 1/4"-20NC Zinc Hex Nut .....................................40627
25. Sheave Cover ......................................................N119-1
26. 1/4"-20NC x 3/8" Lg. PHMS Plated (2 pcs.) .........40063
27. Slider block .......................................................FJ7360
28. 3/4" Concrete Anchor ..........................................FJ7380
29. 1-1/2" O.D. x .760-.770" I.D. x .045" Bushing .........41388
30. 1/4"-20NC x 2-3/4" HHCS ....................................40114
31. 1/4"-20NC Insert Locknut ..................................40642
32. 1/8" x 1" Lg. Cotter Pin (3Ø only) .......................41200
33. Switch Bar Assembly
    1Ø SPOA10NB....................................................N415
    1Ø SPOA10/SPO10 ..............................................N467
    3Ø ..............................................................N434
34. Wheel Spotting Dish Kit ......................................FF729
35. 1/4" Flat Washer ...............................................40795
36. 3/8"-16 NC x 3/4" Long Flanged HHCS ..................40124
*37. Arm Restraint Kit (1 arm) .................................*N2148
38. Overhead Hose
   Standard ..........................................................N3103
   EH-1 MODEL......................................................FJ842
   EH-2 MODEL......................................................FJ843
   EH-4 MODEL (SPO10 only) ...................................FJ845
39. Equalizer Cables
   SPOA10NB ..........................................................N384
   SPOA10NB EH-1 MODEL ........................................N385
   SPOA10NB EH-2 MODEL ........................................N386
   SPOA10 ..........................................................N372
   SPOA10 EH-1 MODEL ..........................................N378
   SPOA10 EH-2 MODEL ..........................................N373
   SPO10 ............................................................N374
   SPO10 EH-1 MODEL ..........................................N379
   SPO10 EH-2 MODEL ..........................................N375
   SPO10 EH-4 MODEL ..........................................N376
40. Capacitor Box ..................................................FA7147-1
    Capacitor Box Cover Plate ................................FA7366-1
    Drum Switch ....................................................FA7364
    Drum Switch Lever ...........................................FA7364-1
    M5 x 45 PHMS, Plated ......................................14672
41. Locking Latch Cable ..........................................FJ7600
42. Cable Guide .....................................................N618
43. 3/8"-16NC Flanged Locknut ................................40664
44. Sheave Shaft ....................................................FJ7444-8
45. Actuator Assembly (30) ......................................N432-5
46. Cable End Bracket .............................................N619
47. Hose Clip ........................................................N383
48. L.H. Overhead Assembly (Outer) .........................N480
49. R.H. Overhead Assembly (Inner) .........................N481
50. Branch Tee ......................................................FJ7668
51. Column Mounting Bracket ..................................N439
52. 3/8"-16NC x 3/4" Carriage Bolts .........................N/A
53. 1/4"-20NC Flanged Locknut ................................40641
54. 3/4" Spacer .......................................................FJ7871
55. Cutoff Switch Assembly
    10 ..............................................................N413
    3Ø ..............................................................N432
    Cutoff Switch
    10 ..............................................................N413-1
    3Ø ..............................................................N432-1
56. 1/4" External Tooth Lockwasher .........................40779
57. 1/4"-20NC x 1" HHCS Grade 5 ............................40108
58. Spring Pin-1/4" dia. x 1-1/2" Lg. (Stainless) ...........14427

*Arm Restraint Kit (1 Arm) includes items 13, 14, 15, 16, 19 & 58. Also includes Restraint Gears and attaching hardware (items 21, 22 & 23) from Arm Detail section.

**Two different power units were used. Please verify your model number before ordering parts.
Note: Standard hardware items should be purchased from local hardware source when possible.

**CAUTION**

Care should be taken to use hardware equal to that specified in this listing. (If grade is not specified, use Grade 2 minimum.)
1. Adapter Rack  
2. 3-1/2" (90mm) Adapter Extension  
3. 5-1/4" (130mm) Adapter Extension

*Notes: 5TX, 5GX or 5BX Series?

To find out if you have a 5TX, 5GX or 5BX series arms look at the last (3) numbers on the end of your lift model number.

EXAMPLE: SPOA10N5G5 would be a 5GX Series model.

Model number can be found on a tag on the side of the lift. The "X" is a variable number used to fill the place of the actual last number on your lift model number tag.
1. Front Arm
   SPOA10 (5GX Series)  *N2224
2. Rear Arm
   SPOA10 (5GX Series & 5BX Series)  *N2225
3. Stop Bolt Assembly  N219
4. Arm Restraint Gear  N2122
5. 3/8" Spring Washers (For Lifts With Tapped Bearing Bar)  40818
6. 3/8"-16NC x 1-1/2" HHCS Grade 5  40201
7. Low Profile Adapter Assembly  FJ6202
   Rubber Pad  FJ6202-3
1. **Front Arm**
   - SPOA10 (5BX Series) *N2285*

2. **Rear Arm**
   - SPOA10 (5GX Series & 5BX Series) *N2225*

3. **Stop Bolt Assembly**
   - N219

4. **Arm Restraint Gear**
   - N2122

5. **3/8" Spring Washers (For Lifts With Tapped Bearing Bar)**
   - 40818

6. **3/8"-16NC x 1-1/2" HHCS Grade 5**
   - 40201

7. **Low Profile Adapter Assembly**
   - Rubber Pad
     - FJ6202
     - FJ6202-3
| 1. | Front Arm  
SPOA10 (70X Series) | Front Arm  
SPOA10 (70X Series)  
A10i (70X Series) |
| 2. | Rear Arm  
SPOA10 (70X Series) | Rear Arm  
SPOA10 (70X Series)  
A10i (70X Series) |
| 3. | Stop Bolt 3/8"-16NC x 1 1/2" Lg. HHCS | 3/8"-16NC x 1-1/2" HHCS Grade 5  
40126 |
| 4. | Arm Restraint Gear | Adapter Pin  
FJ6179 |
| 5. | 3/8" Spring Washers (For Lifts With Tapped Bearing Bar) | Adapter Swivel Pin  
FJ79-6 |
| 6. | 3/8"-16NC x 1-1/2" HHCS Grade 5 | High Step Adapter  
FJ6177 |
| 7. | Arm Restraint Gear | Low Step Adapter  
FJ6178 |
| 8. | 3/8" Spring Washers (For Lifts With Tapped Bearing Bar) | 3/32" Hog Ring for 1/2" Shaft (8 required)  
FJ671-6 |
| 9. | High Step Adapter | Front Stop Bolt (M10 x 1.5 x 20mm BHCS)  
41650 |
| 10. | Low Step Adapter | 3/8" Spring Washers (For Lifts With Tapped Bearing Bar)  
40818 |
| 11. | 3/32" Hog Ring for 1/2" Shaft (8 required) | Front Stop Bolt (M10 x 1.5 x 20mm BHCS)  
41650 |
1. Front And Rear Arm
   SPO10 (5TX Series)
   *N2273

2. Rear Arm
   SPO10 (70X Series)
   *N2278

3. Stop Bolt 3/8"-16NC x 1/2" Lg. HHCS
   40126

4. Arm Restraint Gear
   N2122

5. 3/8" Spring Washers (For Lifts With Tapped Bearing Bar)
   40818

6. 3/8'-16NC x 1-1/2" HHCS Grade 5
   40201

7. Adapter Pin
   FJ6179

8. Adapter Swivel Pin
   FJ79-6

9. High Step Adapter
   FJ6177

10. Low Step Adapter
    FJ6178

11. 3/32" Hog Ring for 1/2" Shaft (8 required)
    FJ671-6

12. Front Stop Bolt (M10 x 1.5 x 20mm BHCS)
    N2264-15

13. Adapter Assembly (SPO10) 3-Stage Arm
    FJ6214

   Rubber Pad
   FJ6158-4

14. Front and Rear Arm SPO10 (5GX Series)
    *N2265

15. Low Profile Adapter Assembly
    FJ6202

   Rubber Pad
   FJ6202-3
Arm Detail

1. Front Arm
   SPOA10 (5TX Series)  N2341
2. Rear Arm
   SPOA10 (5TX Series)  N2342
3. Stop Bolt Assembly  N219
4. Arm Restraint Gear  N2122
5. 3/8" Spring Washers (For Lifts With Tapped Bearing Bar)  40818
6. 3/8"-16NC x 1-1/2" HHCS Grade 5  40201
7. Adapter Assembly 3-Stage Arm  FJ6214
   Rubber Pad  FJ6158-4
### Arm Detail SP0A7 Hybrid

**REAR ARM**

<table>
<thead>
<tr>
<th>ITEM</th>
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<th>PART NO.</th>
<th>DESCRIPTION</th>
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<td>1</td>
<td>2</td>
<td>N219</td>
<td>STOP BOLT ASSEMBLY</td>
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<tr>
<td>2</td>
<td>1</td>
<td>N2336-1</td>
<td>7K 3-STAGE OUTER ARM WELDMENT</td>
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<td>3</td>
<td>1</td>
<td>N2336-2</td>
<td>7K 3-STAGE INNER ARM WELDMENT</td>
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<tr>
<td>4</td>
<td>1</td>
<td>N2336-3</td>
<td>7K 3-STAGE MIDDLE ARM WELDMENT</td>
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<td>5</td>
<td>2</td>
<td>NP623</td>
<td>ALWAYS USE ADAPTERS NAMEPLATE</td>
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<td>6</td>
<td>2</td>
<td>NP874</td>
<td>CAPACITY NAMEPLATE</td>
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<td>7</td>
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<td>NP1039</td>
<td>USE TRUCK ADAPTERS NAMEPLATE</td>
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**LEFT HAND PAD**

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<tr>
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<td>1</td>
<td>40157</td>
<td>3/8”-16NC x 3/4” Lg HEX SOC BHCS, GRD2</td>
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<td>4</td>
<td>40174</td>
<td>1/4 x .475 BLIND RIVET McMaster-Carr #97517A651 or EQ.</td>
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<td>40192</td>
<td>#10-24NC x 3/4” Lg. PHILLIPS TRUSS HEAD SCREW, PLATED</td>
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<td>40633</td>
<td>#10-24NC HEX FLGD WZLOCK NUT, PLTD</td>
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<td>1</td>
<td>40843</td>
<td>3/8” INT TOOTH LW, PLTD</td>
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<td>6</td>
<td>4</td>
<td>41202</td>
<td>5/32” x 1” Lg COTTER PIN</td>
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<td>7</td>
<td>2</td>
<td>FC134-33</td>
<td>RAMP CHOCK SLIDE</td>
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<td>2</td>
<td>FC5179-5</td>
<td>PIN</td>
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<td>FJ2494</td>
<td>FRONT PAD RUBBER PAD</td>
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<td>2</td>
<td>N2249</td>
<td>2-POST PAD LIFT RAMP WELDMENT</td>
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<td>N2338-6</td>
<td>FRONT PAD INNER ARM WELDMENT</td>
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<td>FRONT PAD INNER ARM ACTUATOR BAR</td>
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<td>13</td>
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<td>N2338-16</td>
<td>INNER ARM ACTUATOR ROD THUMB SCREW</td>
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<td>14</td>
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<td>N2339-1</td>
<td>LEFT HAND FRONT PAD WELDMENT</td>
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<td>CAPACITY 1750 LBS NAMEPLATE</td>
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As required to remove excess play.

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<tr>
<td>1</td>
<td>Control Side Cover</td>
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<td>Locking Latch Dog</td>
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<td>Control Plate</td>
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<td>Spring</td>
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<td>Latch Shaft</td>
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<td>7</td>
<td>Locking Latch Sheave</td>
<td>FJ7322</td>
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<td>8</td>
<td>Handle</td>
<td>FJ7382-18</td>
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<td>9</td>
<td>Ball Handle</td>
<td>FC134-91</td>
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<td>10</td>
<td>Truarc Klipring #5304-75 for 3/4&quot; Shaft</td>
<td>41411</td>
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<td>11</td>
<td>Truarc Klipring #5304-37 for 3/8&quot; Shaft</td>
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<td>12</td>
<td>1-1/2&quot; O.D. x 3/4&quot; I.D. x .045&quot; Mach. Bush</td>
<td>41388</td>
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<td>13</td>
<td>5/16&quot;-18NC x 3/8&quot; Lg. PHMS</td>
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<td>14</td>
<td>3/8&quot; - 16NC Hex Jam Nut</td>
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<td>Slot Cover</td>
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<td>16</td>
<td>Locking Latch Cable</td>
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<td>3/8&quot; Flat Washer</td>
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As required to remove excess play.

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<td>Latch Shaft</td>
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<td>Locking Latch Sheave</td>
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<td>Latch Cable Clamp</td>
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<td>1-1/2&quot; O.D. x 3/4&quot; I.D. x .045&quot; Mach. Bush</td>
<td>41388</td>
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<tr>
<td>13</td>
<td>Locking Latch Cable</td>
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</tbody>
</table>
ITEM | DESCRIPTION | PART#  
--- | --- | ---  
1. | Straight Adapter | FJ7352-3  

**DATE** | **REV.** | **CHANGE MADE**  
--- | --- | ---  
07/18/05 | - | New (700 Series) instructions.  
12/6/05 | B | Added S model motor voltage information.  
01/17/06 | C | Updated Locking Latch Cable part number.  
08/10/06 | D | Updated powerunit part numbers and added barcode.  
08/29/07 | E | Combined 500 and 700 Series parts breakdowns  
09/10/07 | F | Updated capacitor box part numbers  
01/24/08 | G | Added SPOA10 Wide Supplemental Parts  
08/19/08 | H | Removed SPOA10 Wide Supplemental Parts-Added to IN20500 Install added new SPOA10/SP010 Part Numbers  
2/17/09 | J | Revision I skipped - Added SPOA10 5BX series arms.  
7/31/09 | K | Updated cylinder part numbers.  
08/06/09 | L | Added 3-Stage Arm Detail  
08/03/10 | M | Updated Corporate Address Information  
2/10/11 | N | Remove the old arms for the 50X, R8X, 51X, and 5NX Series models.  
6/07/11 | P | Added SP010 5GX Series and SPOA10 5TX Series Arms. Changed standard overhead hose to N3103 and updated notes on page 4.  
6/27/11 | R | Bring revision level up-to-date to match change orders.  
7/7/11 | S | Updated cover graphic removing the NP93 display.  
3/8/12 | U | Updated latch hardware detail.  
4/9/12 | V | Added SPOA7 hybrid arms.  

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