Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury andlor property damage! Retain instructions for future reference.

# Dayton Hydraulic Elevating Carts 

## Description

Portable ergonomic elevating carts minimize worker bending and lifting. Materials can be easily loaded onto platform of cart, lowered to safe transporting height, and raised to unload at destination. Moves easily on four polyurethane casters, two swivel with brake and two rigid. All models feature a down speed control valve, all steel construction, and powder-coated red finish with chrome-plated handles.


## Unpacking

After receiving a hydraulic elevating cart, visually inspect the frame components and hydraulic unit for damage. If damage is evident, notify delivering carrier immediately and file necessary claims.

## General Safety Information

1. Not a personnel lift. Keep clear when operating.
2. Never go under platform if there is weight on the unit.
3. Remove weight before working on unit.
4. Do not change pressure relief valve setting.
5. Do not clamp cylinder in a vise as you may distort barrel.
6. Never operate lift unless you are watching it.
7. Load lift as uniformly as possible.
8. Do not continue to pump if unit is not raising.
9. Relieve system pressure by slowly operating pressure release mechanism.
10. Do not use brake fluids or jack oils. Use AW-32 grade hydraulic oil or Grainger No. 4ZF32 hydraulic oil.

## Assembly

(3KR46J)
TOOLS REQUIRED: Adjustable Wrench
After unpacking cart, locate foot pedal (L shaped) and the installation bolt.
Slide the foot pedal in the pedal bracket located below the frame of the cart on

## Specifications and Dimensions

| Load Capacity (Ibs.) | Platform Width (in.) | Platform Length (in.) | Lowered <br> Height (in.) | Raised <br> Height (in.) | Grainger Number | Weight (lbs.) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 400 | 175/8 | 271/2 | 83/4 | 291/4 | 3KR46J | 96 |
| 800 | 20 | 351/2 | $133 / 4$ | 51 | 3KR47K | 242 |
| 1,000 | 20 | 32 | 11 | $353 / 8$ | 6W803J | 185 |
| 1,000 | $311 / 2$ | 63 | $12^{1 / 4}$ | 353/8 | 4ZC18J | 288 |
| 1,500 | 24 | 48 | 185/8 | 59 | 4ZD01J | 402 |
| 2,000 | 205/16 | 40 | 15 | 391/4 | 6W804J | 251 |

# Dayton ${ }^{\circ}$ Hydraulic Elevating Carts 

## Assembly (Continued)

the same end as the handle. Align the bolt hole on the left side and install the bolt lock washer and nut. At this time tighten the bolt. Lift the handle to the upright position assuring that it latches into position with the handle latch bar located just above the foot pedal. At this time your cart is ready for use.

## (3KR47K, 6W803J \& 6W804J)

TOOLS REQUIRED: Adjustable wrench and metric Allen wrench set
After unpacking cart, locate foot pedal, handle, and bolts. Align holes in bottom of handle with handle mounting brackets and install bolts in handle. It is important not to kink the cable on the left side as that will cause the release mechanism to fail. Tighten the two handle bolts using adjustable wrench. At this time locate the foot pedal. This will install on the same end of the cart as the handle. Just below the frame you will find a bracket for this to slip into. Line up the bolt hole, install the bolt nut and washers and tighten it. At this time your cart is ready to use.
ADJUSTMENTS FOR LEVEL LOWERING MECHANISM: From time to time small adjustments may be necessary to keep your cart performing at its best. To adjust the lowering cable there are two places to perform this adjustment. The first step is to raise the cart top to access the cylinder. Then if a small adjustment is needed, locate the bottom of the hydraulic cylinder, and locate the release lever. In the center of this lever there is an adjustment screw and a lock nut. Insert the correct size Allen wrench into screw head and with
wrench loosen the jam nut. At this time turn the screw clockwise until the unit starts to lower, then back the screw off $1 / 2$ turn and retighten the lock nut. If a major adjustment is needed then you will need to locate the cable retention assembly. This is on the release lever. Once nut is loose the lever should drop down a little bit. You will need to raise the lever to a point just before the cart starts to lower, pull the cable downward to tighten it, and tighten the jam nut. After a coarse adjustment a fine tuning adjustment may be necessary.

## (4ZC18J)

TOOLS REQUIRED: Adjustable wrench, small regular screwdriver
After unpacking the cart, locate handle and foot lever. To install the handle on the cart place the handle on the mounting brackets with the release lever and linkage on the right side. Install bolts in bottom of handle and tighten them. Locate foot pedal and install it in the pedal bracket on the same end of the cart. Line up bolt holes, install and tighten foot pedal bolt. Raise platform by pumping foot pedal. This will allow you to access the linkage you need to hook up the lowering knob. Locate linkage coming from pump. This should be protruding from the back of the frame. Locate the spring tension holes just under the lowering knob and install one end of the spring in this hole. The other end of the spring will go into a hole in the bottom of the release knob. On the lower end of the first linkage there will be a dimple in the shaft. This is for the set screw in the swivel joint to lock into. Turn the lowering
knob counterclockwise to put tension on the spring, until the dimple lines up with the set screw in the swivel joint. At this time tighten the set screw. Now you should be able to lower the deck by turning the lowering knob to the left. Your cart is ready to use at this time.

## (4ZD01J)

TOOLS REQUIRED: Adjustable wrench
After unpacking the cart, locate handle and foot lever. To install the handle, line up bolt holes in handle with bolt holes in handle brackets on frame of cart, and install the bolts. At this time tighten bolts. Now install the foot lever in the bracket just below the frame on the handle end of the cart, line up the bolt holes and install and tighten the bolt. At this time the cart is ready for use.

## Operation

The load capacity rating as inscribed on the nameplate of your unit designates the net capacity, assuming the load is centered. This capacity must never be exceeded, as permanent damage or injury may result.
Stay clear of moving parts. The platform will rise as long as the foot pedal is pumped. Operating the lowering mechanism will lower the table.
In the event the table is overloaded, the relief valve will open because of excessive pressure build up, and oil will bypass into the reservoir.

1. Always load the unit uniformly.
2. Never use the lift if it is in need of repairs or in the case of a malfunction.
3. Operate lowering mechanism slowly.

# Models 3KR46J, 3KR47K, 6W803J, 6W804J, 4ZC18J \& 4ZD01J 

## Operation (Continued)

## AIR BLEED PROCEDURE (3KR46J, 3KR47K, 6W803J, 6W804J, 4ZC18J \& 4ZD01J)

Whether pump is new or has been recently serviced, air has likely entered the hydraulic system. Use the following steps to remove air from the hydraulic system. Refer to the appropriate Repair Parts Illustration for table, lowering mechanism, and foot pedal identification.

1. Ensure table is in the lowered position.
2. Operate the lowering mechanism while simultaneously pumping the foot pedal several times slowly.
3. Repeat above procedure until "spongy" feel is no longer present. The feel of the foot pedal will be firm and the complete stroke of the pump will produce fluid flow.

## Maintenance

All bushings and bearings are of the pre-lubricated type and will last for a long period of time without additional lubrication. To increase bearing life, it is recommended that a few drops of light machine oil be applied at each pivot point every 6 to 12 months.

## DAILY

Visually check and do not use if any of the following are visible:

1. Oil leaks.
2. Structural deformation of legs or frame.
3. Unusual noise or binding.
4. Check casters for proper operation.

## MONTHLY

1. Check for oil leaks.
2. Check clevis and pivot points for wear.
3. Check rollers for looseness and wear.
4. Check for unusual noise.
5. Make sure all warning labels are in place and in good condition.
6. Clean off dirt and debris.

## YEARLY

Hydraulic oil should be changed at least once a year, or sooner if the oil darkens or becomes gritty. Flush reservoir before refilling. Presence of water is indicated if the oil turns milky. Recommended oil: AW-32 grade hydraulic oil or Grainger No. 4ZF32 hydraulic oil or equal.
All maintenance work must be performed by qualified personnel with training in the repair of hydraulic components.
NOTE: If hydraulic oil is milky white in color, water is in the hydraulic system. Change the hydraulic oil immediately.

## TO FILL UNIT WITH OIL (REFER TO FIGURE 1)

1. Raise the platform and block the leg assembly in the fully raised position.
2. Remove the upper cylinder pin.
3. Loosen the set screw in the lowering lever linkage.
4. Release the lowering valve.
5. Collapse the cylinder rod back inside the cylinder.
6. Remove the oil fill plug.
7. With the cylinder horizontal, fill with AW-32 grade hydraulic oil or Grainger No. 4ZF32 hydraulic oil or equal.
8. Reinstall the fill plug, and then reinstall the cylinder.

## TO FILL WITH OIL LOW OIL CONDITION

1. Raise the unit as far as it will go.
2. Remove the oil fill plug.
3. Add oil 1 oz. at a time.
4. Pump the foot control.
5. Repeat steps 3 and 4 until the unit's maximum height is achieved.
6. Once the maximum height is reached, add 1 oz. of oil and reinstall the fill plug.

## IF CART LEAKS DOWN

1. Completely lower the platform. By hand, grasp the deck at the hinge end of the leg assembly. Raise the deck as high as possible, then carefully, while standing aside, allow the assembly to drop. This procedure draws oil through the load holding check valve and "washes" debris (if present) from the ball and seat of the device. It may be necessary to repeat this procedure a couple of times to remove all debris from the check valve thus, eliminating table drift.
2. Check the oil level in the pump assembly. The oil should be level with the bottom of the hole with the scissor legs in the lowered position. (Deck tilts up.)


Figure 1 - How to Add Oil

## For Repair Parts, call 1-800-323-0620

## 24 hours a day - 365 days a year

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list

## Address parts correspondence to

Grainger Parts
P.O. Box 3074

1657 Shermer Road


## Model 3KR46J

## Repair Parts List for 3KR46J

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Lowering Lever and Cable Assembly | 46-1A | 1 | 22 | Washer | 46-22A | 2 |
| 2 | Handle bar | 46-2A | 1 | 23 | Retaining ring D-16 | * | 4 |
| 3 | Handle return | 46-3 | 1 | 24 | Pump arm | 46-24 | 1 |
| 4 | Spring | 46-4 | 2 | 25 | Bumper | 46-25 | 1 |
| 5 | Retaining ring | 46-5 | 2 | 26 | Bolt M-8X32 | * | 1 |
| 6 | Pin | 46-6 | 2 | 27 | Foot pedal | 46-27 | 1 |
| 7 | Bolt M-8X22 | * | 8 | 28 | Table | 46-28 | 1 |
| 8 | Washer D-8 | * | 9 | 29 | Roller | 46-29 | 4 |
| 9 | Washer D-8 | * | 8 | 30 | Retaining ring D-12 | * | 9 |
| 10 | Lock washer D-8 | * | 9 | 31 | Arm assembly | 46-31 | 1 |
| 11 | Nut M-8 | * | 9 | 32 | Stop arm | 46-32A | 2 |
| 12 | Caster wheel | 46-12 | 2 | 33 | Bushing | 46-33 | 4 |
| 13 | Frame | 46-13 | 1 | 34 | Pin | 46-34 | 4 |
| 14 | Shaft M-8X60 | * | 2 | 35 | Pin | 46-35 | 1 |
| 15 | Wheel | 46-15 | 2 | 36 | Bushing | 46-36 | 2 |
| 16 | Retaining ring M-8 | * | 2 | 37 | Flow valve kit | 46-37A | 1 |
| 17 | Fill Plug | 46-17 | 1 | 38 | Release valve kit | 46-38A | 1 |
| 18 | Pin | 46-18 | 1 | 39 | Pressure relief valve kit | 46-39 | 1 |
| 19 | Roller | 46-19 | 1 | 40 | Release lever kit | 46-40A | 1 |
| 20 | Retaining ring $\mathrm{D}-10$ | * | 1 | 41 | Pump/cylinder unit | 46-41A | 1 |
| 21 | Pin | 46-21 | 1 | 42 | Speed control valve kit | 46-42 | 1 |

## For Repair Parts, call 1-800-323-0620

## 24 hours a day - 365 days a year

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list
Address parts correspondence to:
Grainger Parts
P.O. Box 3074

1657 Shermer Road
Northbrook, IL 60065-3074 U.S.A.

## Repair Parts List for 3KR47K

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Lowering Lever and Cable Assembly | 47-1A | 1 | 27 | Table | 47-27 | 1 |
| 2 | Handle bar | 47-2A | 1 | 28 | Washer | 47-28 | 2 |
| 3 | Washer | 47-3 | 2 | 29 | Roller | 47-29 | 2 |
| 4 | Washer D-12 | * | 2 | 30 | Washer | 47-30 | 4 |
| 5 | Bolt M-12X30 | * | 2 | 31 | Retaining ring D-16 | * | 6 |
| 6 | Bolt M-8X22 | * | 8 | 32 | Shaft | 47-32 | 2 |
| 7 | Washer D-8 | * | 9 | 33 | Washer D-16 | * | 4 |
| 8 | Washer D-8 | * | 8 | 34 | Washer D-12 | * | 4 |
| 9 | Washer D-8 | * | 9 | 35 | Nut M-12 | * | 4 |
| 10 | Nut | 47-10 | 9 | 36 | Roller | 47-36 | 2 |
| 11 | Caster Wheel | 47-11 | 2 | 37 | Bushing | 47-37 | 2 |
| 12 | Frame | 47-12K | 1 | 38 | L-pin | 47-38 | 4 |
| 13 | Shaft | 47-13 | 2 | 39 | Screw M-6X12 | * | 4 |
| 14 | Wheel | 47-14 | 2 | 40 | Pin | 47-40 | 1 |
| 15 | Retaining ring D-12 | * | 2 | 41 | Arm assembly | 47-41 | 1 |
| 16 | Fill Plug | 47-16 | 1 | 42 | Bushing | 47-42 | 2 |
| 17 | Pin | 47-17 | 1 | 43 | Flow valve kit | 47-43A | 1 |
| 18 | Roller | 47-18 | 1 | 44 | Release valve kit | 47-44K | 1 |
| 19 | Retaining ring $\mathrm{D}-10$ | * | 1 | 45 | Pressure relief valve kit | 47-45 | 1 |
| 20 | Pin | 47-20K | 1 | 46 | Release lever kit | 47-46A | 1 |
| 21 | Washer | 47-21K | 2 | 47 | Pump/cylinder unit | 47-47K | 1 |
| 22 | Retaining ring D-20 | * | 2 | 48 | Stop arm | 47-48 | 2 |
| 23 | Pump arm | 47-23 | 1 | 49 | Washer | 47-49 | 2 |
| 24 | Bumper | 47-24 | 1 | 50 | Retaining ring D-24 | * | 2 |
| 25 | Bolt M-8X32 | * | 1 | 51 | Washer D-6 | * | 4 |
| 26 | Foot pedal | 47-26 | 1 | 52 | Speed control valve kit | 47-52K | 1 |

(*) Standard hardware item available locally.

For Repair Parts, call 1-800-323-0620

## 24 hours a day - 365 days a year

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list
Address parts correspondence to:
Grainger Parts
P.O. Box 3074
1657 Shermer Road

Northbrook, IL 60065-3074 U.S.A.


Figure 4 - Repair Parts Illustration for 6W803J

## Model 6W803J

Repair Parts List for 6W803J

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Lowering Lever and Cable Assembly | 803-1A | 1 | 24 | Table | 803-24 | 1 |
| 2 | Handle bar assembly | 803-2A | 1 | 25 | Retaining ring $\mathrm{D}-16$ |  | 6 |
| 3 | Bolt M-8X22 | * | 12 | 26 | Washer D-16 | * | 4 |
| 4 | Washer D-8 | * | 17 | 27 | Roller | 803-27 | 2 |
| 5 | Washer D-8 | * | 13 | 28 | Washer | 803-28 | 2 |
| 6 | Nut M-8 | * | 13 | 29 | Roller | 803-29 | 2 |
| 7 | Washer D-8 | * | 8 | 30 | Bushing | 803-30 | 2 |
| 8 | Caster wheel | 803-8 | 2 | 31 | L-pin | 803-31 | 4 |
| 9 | Frame | 803-9 | 1 | 32 | Screw M-6X12 | * | 4 |
| 10 | Shaft | 803-10 | 2 | 33 | Pin | 803-33 | 1 |
| 11 | Wheel | 803-11 | 2 | 34 | Arm assembly | 803-34 | 1 |
| 12 | Retaining ring D-12 | * | 2 | 35 | Bushing | 803-35 | 2 |
| 13 | Fill Plug | 803-13 | 1 | 36 | Flow valve kit | 803-36A | 1 |
| 14 | Pin | 803-14 | 1 | 37 | Release valve kit | 803-37A | 1 |
| 15 | Roller | 803-15 | 1 | 38 | Pressure relief valve kit | 803-38 | 1 |
| 16 | Retaining ring D-10 | * | 1 | 39 | Release lever kit | 803-39A | 1 |
| 17 | Pin | 803-17 | 1 | 40 | Pump/cylinder unit | 803-40A | 1 |
| 18 | Washer | 803-18A | 2 | 41 | Stop arm | 803-41 | 2 |
| 19 | Retaining ring D-20 | * | 2 | 42 | Washer | 803-42 | 2 |
| 20 | Pump arm | 803-20 | 1 | 43 | Retaining ring D-24 | * | 2 |
| 21 | Bumper | 803-21 | 1 | 44 | Washer D-6 | * | 4 |
| 22 | Bolt M-8X32 | * | 1 | 45 | Speed control valve kit | 803-45 | 1 |
| 23 | Foot pedal | 803-23 | 1 |  |  |  |  |

(*) Standard hardware item available locally.

## For Repair Parts, call 1-800-323-0620

## 24 hours a day - 365 days a year

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list
Address parts correspondence to:
Grainger Parts
P.O. Box 3074

1657 Shermer Road
Northbrook, IL 60065-3074 U.S.A.


Figure 5 - Repair Parts Illustration for 6W804J

## Model 6W804J

Repair Parts List for 6W804J

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Lowering Lever and Cable Assembly | 804J-1 | 1 | 27 | Screw | 804J-27 | 1 |
| 2 | Handle Bar | 804J-2 | 1 | 28 | Washer | 804J-28 | 2 |
| 3 | Rod | 804J-3 | 1 | 29 | Retaining Ring | 804J-29 | 4 |
| 4 | Cam | 804J-4 | 2 | 30 | Washer | 804J-30 | 1 |
| 5 | Washer | 804J-5 | 1 | 31 | Clevis pin | 804J-31 | 1 |
| 6 | Brake Pedal | 804J-6 | 1 | 32 | Pedal Arm | 804J-32 | 1 |
| 7 | Screw | 804J-7 | 3 | 33 | Bumper Pad | 804J-33 | 1 |
| 8 | Nut | 804J-8 | 3 | 34 | Retaining Ring | 804J-34 | 4 |
| 9 | Nut | 804J-9 | 4 | 35 | Roller | 804J-35 | 2 |
| 10 | Washer | 804J-10 | 2 | 36 | Bolt | 804J-36 | 1 |
| 11 | Washer | 804J-11 | 2 | 37 | Shaft | 804J-37 | 1 |
| 12 | Screw | 804J-12 | 2 | 38 | Scissor Arm | 804J-38 | 1 |
| 13 | Bearing | 804J-13 | 2 | 39 | Roller | 804J-39 | 2 |
| 14 | Washer | 804J-14 | 2 | 40 | Table | 804J-40 | 1 |
| 15 | Bearing | 804J-15 | 2 | 41 | Foot Pedal | 804J-41 | 1 |
| 16 | Swivel Caster | 804J-16 | 2 | 42 | Washer | 804J-42 | 1 |
| 17 | Screw | 804J-17 | 1 | 43 | Washer | 804J-43 | 1 |
| 18 | Shaft | 804J-18 | 1 | 44 | Nut | 804J-44 | 1 |
| 19 | Frame | 804J-19 | 1 | 45 | Washer | 804J-45 | 1 |
| 20 | Retaining Ring | 804J-20 | 4 | 46 | Flow Valve Kit | 804J-46 | 1 |
| 21 | Front Wheel Axle | 804J-21 | 4 | 47 | Release Valve Kit | 804J-47 | 1 |
| 22 | Front Wheel | 804J-22 | 2 | 48 | Pressure Relief Valve Kit | 804J-48 | 1 |
| 23 | Pump/Cylinder Unit | 804J-23 | 1 | 49 | Retaining Ring | 804J-49 | 1 |
| 24 | Bolt | 804J-24 | 1 | 50 | Shaft | 804J-50 | 1 |
| 25 | Washer | 804J-25 | 1 | 51 | Speed Control Valve Kit | 804J-51 | 1 |
| 26 | Retaining Ring | 804J-26 | 1 | 52 | Fill Plug | 804J-52 | 1 |

(*) Standard hardware item available locally.

## For Repair Parts, call 1-800-323-0620

## 24 hours a day - 365 days a year

Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list
Address parts correspondence to:
Grainger Parts
P.O. Box 3074

1657 Shermer Road
Northbrook, IL 60065-3074 U.S.A.

## Model 4ZC18J

Repair Parts List for 4ZC18J

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Lowering Lever and Cable Assembly | 18-1A | 1 | 24 | Bumper | 18-24 | 1 |
| 2 | Handle bar | 18-2A | 1 | 25 | Bolt M-8X32 | * | 1 |
| 3 | Washer | 18-3 | 2 | 26 | Foot pedal | 18-26 | 1 |
| 4 | Washer D-12 | * | 2 | 27 | Table | 18-27 | 1 |
| 5 | Bolt M-12X30 | * | 2 | 28 | Retaining ring D-16 | * | 6 |
| 6 | Bolt M-8X22 | * | 8 | 29 | Washer D-16 | * | 4 |
| 7 | Washer D-8 | * | 11 | 30 | Roller | 18-30 | 2 |
| 8 | Washer D-8 | * | 8 | 31 | Washer | 18-31 | 2 |
| 9 | Washer D-8 | * | 11 | 32 | Roller | 18-32 | 2 |
| 10 | Nut M-8 | * | 11 | 33 | Arm assembly | 18-33 | 1 |
| 11 | Caster wheel | 18-11 | 2 | 34 | Bushing | 18-34 | 2 |
| 12 | Frame | 18-12 | 1 | 35 | L-pin | 18-35 | 4 |
| 13 | Shaft | 18-13 | 2 | 36 | Screw M-6X12 | * | 4 |
| 14 | Wheel | 18-14 | 2 | 37 | Pin | 18-37 | 1 |
| 15 | Retaining ring D-12 | * | 2 | 38 | Bushing | 18-38 | 2 |
| 16 | Pump/cylinder unit | 18-16A | 1 | 39 | Flow valve kit | 18-39A | 1 |
| 17 | Pin | 18-17 | 1 | 40 | Release valve kit | 18-40A | 1 |
| 18 | Roller | 18-18 | 1 | 41 | Pressure relief valve kit | 18-41 | 1 |
| 19 | Retaining ring D-10 | * | 1 | 42 | Release lever kit | 18-42A | 1 |
| 20 | Pin | 18-20 | 1 | 43 | Stop arm | 18-43 | 2 |
| 21 | Washer | 18-21A | 2 | 44 | Washer D-6 | * | 4 |
| 22 | Retaining ring D-20 | * | 2 | 45 | Speed control valve kit | 18-45 | 1 |
| 23 | Pump arm | 18-23 | 1 |  |  |  |  |

(*) Standard hardware item available locally.

## For Repair Parts, call 1-800-323-0620

24 hours a day - 365 days a year
Please provide following information:
-Model number
-Serial number (if any)
-Part description and number as shown in parts list

Address parts correspondence to:
Grainger Parts
P.O. Box 3074
1657 Shermer Road
Northbrook, IL 60065-3074 U.S.A.

## Model 4ZD01J

## Repair Parts List for 4ZD01J

| Ref. No. | Description | Part No. | Qty. | Ref. No. | Description | Part No. | Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Handle bar | 401-1 | 1 | 26 | Screw M-8X32 | * | 1 |
| 2 | Pump unit | 401-2B | 1 | 27 | Foot pedal | 401-28 | 1 |
| 3 | Washer | 401-3 | 2 | 28 | Table | 401-29 | 1 |
| 4 | Washer D-12 | * | 2 | 29 | Washer | 401-30 | 2 |
| 5 | Bolt M-12X30 | * | 2 | 30 | Roller | 401-31 | 4 |
| 6 | Bolt M-8X22 | * | 8 | 31 | Shaft | 401-32 | 2 |
| 7 | Washer D-8 | * | 9 | 32 | Washer D-12 | * | 4 |
| 8 | Washer D-8 | * | 8 | 33 | Washer D-12 | * | 4 |
| 9 | Washer D-8 | * | 9 | 34 | Screw M-12X25 | * | 4 |
| 10 | Nut M-8 | * | 9 | 35 | Bushing | 401-38 | 2 |
| 11 | Caster wheel | 401-11 | 2 | 36 | L-pin | 401-39 | 4 |
| 12 | Frame | 401-12 | 1 | 37 | Screw M-6X12 | * | 4 |
| 13 | Shaft | 401-13 | 2 | 38 | Arm | 401-41 | 1 |
| 14 | Wheel | 401-14 | 2 | 39 | Check valve kit | 401-43 | 1 |
| 15 | Retaining ring D-12 | * | 2 | 40 | Check valve kit | 401-44 | 1 |
| 16 | Retaining ring D-22 | * | 4 | 41 | Outlet check valve kit | 401-45B | 1 |
| 17 | Pin | 401-17 | 1 | 42 | Pressure relief valve kit | 401-46 | 1 |
| 18 | Pin | 401-18 | 1 | 43 | Release valve assembly | 401-47 | 1 |
| 19 | Cylinder | 401-19B | 1 | 44 | Fill Plug | 401-48A | 1 |
| 20 | Cylinder valve kit | 401-20B | 1 | 45 | Oil hose | 401-49A | 1 |
| 21 | Pin | 401-21 | 1 | 46 | Stop arm | 401-50 | 1 |
| 22 | Retaining ring D-12 | * | 2 | 47 | Bolt M-10X50 | * | 1 |
| 23 | Pin | 401-24 | 1 | 48 | Nut M-10 | * | 1 |
| 24 | Roller | 401-25 | 1 | 49 | Roll pin 5X35 | * | 1 |
| 25 | Pump arm | 401-26 | 1 | 50 | Flow Valve Kit | 401-51 | 1 |

(*) Standard hardware item available locally.

# Dayton Hydraulic Elevating Carts 

## Troubleshooting Chart for 3KR46J, 3KR47K, 6W803J, 6W804J, 4ZC18J \& 4ZD01J

| Symptom | Possible Cause(s) | Corrective Action |
| :--- | :--- | :--- |
| Deck does not raise | 1. Excessive Load <br> 2. Oil is low | 1. Remove part of the load <br> 2. Add additional oil to pump. Do not <br> overfill. (Use AW-32 or equal) |
| Spongy or jerky operation | 1. Check for foreign material stuck in the deck or <br> frame rails | 1. Correct as necessary |
| 2. Oil is low | 2. Add additional oil to pump. Do not |  |
| overfill. (Use AW-32 or equal) |  |  |

## LIMITED WARRANTY

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Manufactured for Dayton Electric Mfg. Co., 5959 W. Howard St., Niles, Illinois 60714 U.S.A.

