

Replacing the Latch and Lock Assembly

TOOLS REQUIRED

- 7/16" WRENCH
- #3 PHILLIPS HEAD SCREWDRIVER

Item	Description	Qty. per Cart	Part #
A	Latch and lock assembly	1	302016
B	Pan head machine screw - 1/4"-20 x 1-3/4" long	4	80106
C	Hex lock nut - 1/4"-20	4	80675

1. When the cart is in the 2-wheel position, unlatch the upper handle and carefully rotate the handle so it is parallel to the ground. Slide the handle through the pivot socket until the spreader rod is nested within the handle plate (Figure 1).
2. Remove the four screws and lock nuts using the screwdriver and wrench (see Figure 2). Retain all fasteners.
3. Remove the latch and lock assembly. Discard the old latch and lock assembly but retain the black frame spacers.
4. Line up the new latch and lock assembly with the black frame spacers and the holes in the cart frame. Replace the previously removed screws and lock nuts.

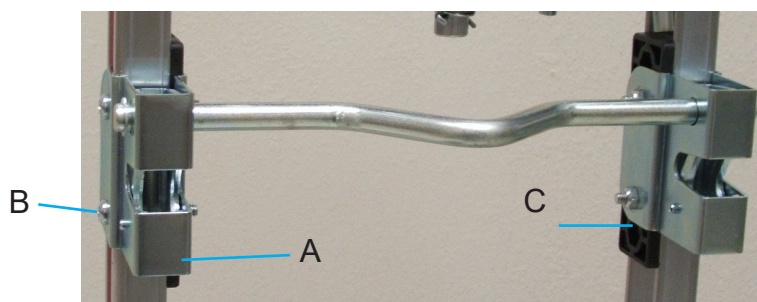


Figure 2

SINGLE GRIP HANDLE REPLACEMENT INSTRUCTIONS (GEMINI JR.)

TOOLS REQUIRED

- 7/8" BOX END WRENCH
- 7/16" BOX END WRENCH
- 9/16" BOX END WRENCH
- #3 PHILLIPS HEAD SCREWDRIVER

INSTALLATION INSTRUCTIONS

1. Press release bar (1) to release "U" handle assembly (2). Lift "U" handle assembly up and push through pivot sockets (3) so that it is parallel to the floor (Figure 1).
2. Using a 9/16" wrench and a 7/8" box end wrench, remove one bolt from each end of the "U" handle. Pull out swivel casters and remove axle spreader (4).
4. Slide "U" handle out through the pivot sockets to remove from the hand truck. Remove the 1/4"-20 x 1-7/8" pan head machine screw from the single grip handle and slide this handle off of the "U" handle. Slide the new single grip handle onto the "U" handle so that it is angled toward the "U" as indicated in Figure 1.
5. Slide "U" handle back through pivot sockets and reassemble the axle spreader and two swivel casters with existing hardware.
6. Rotate "U" handle to vertical position and lower until axle spreader is aligned with locking bracket (figure 2) and lock into place.
7. Position single grip handle by resting the bottom of the handle on the pivot socket with the flat part positioned so that the hole is centered with the main frame (Figure 2).
8. Assemble the 1/4"-20 pan head machine screw with the head on the outside of the handle using a #3 Phillips head screwdriver and 7/16" wrench. Tighten to secure handle.

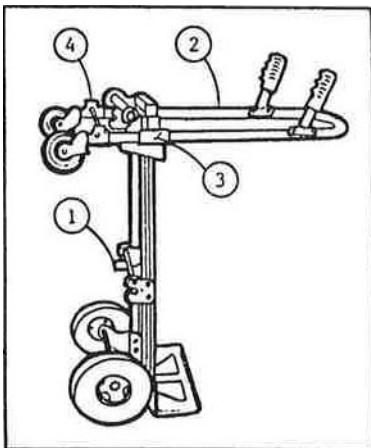


FIGURE 1

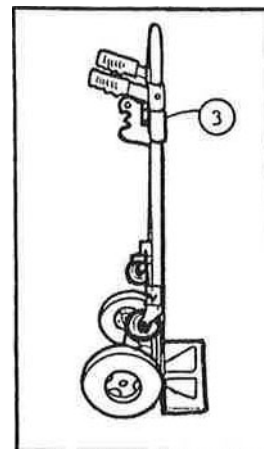


FIGURE 2



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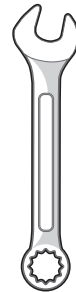
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REPLACING 131020W CASTER WHEEL

PARTS LIST

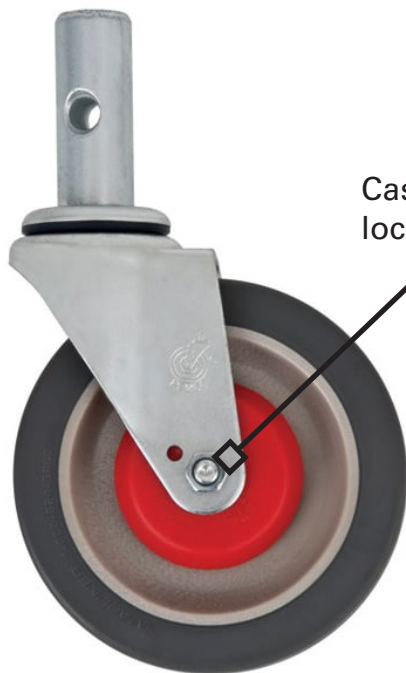
Description	Qty.	Part Number
Caster wheel - 5" x 1-1/4" gray polyurethane	1	131020W

TOOLS REQUIRED



(2) - 1/2"

1. Using the (2) wrenches, remove the caster wheel axle lock nut and axle.
2. Slide the old wheel out of the caster frame.
3. Slide the new wheel into the caster frame.
4. Align the caster wheel bearing with the hole in the caster frame and insert the wheel axle.
5. Thread on the lock nut and tighten to 120-140 inch lbs.



Caster wheel axle
lock nut & axle

131020 Caster Assembly



131020W Caster Wheel

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GEMINI® CASTER REPLACEMENT

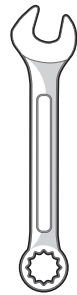
PARTS LIST

Description	Part No.
Caster - 5" x 1-1/4" for Gemini Jr./Sr.	131020 or 131020B; 131030 or 131030B; 131031 or 131031B
Caster - 6" x 2" with brake for Gemini XL	130025

TOOLS REQUIRED

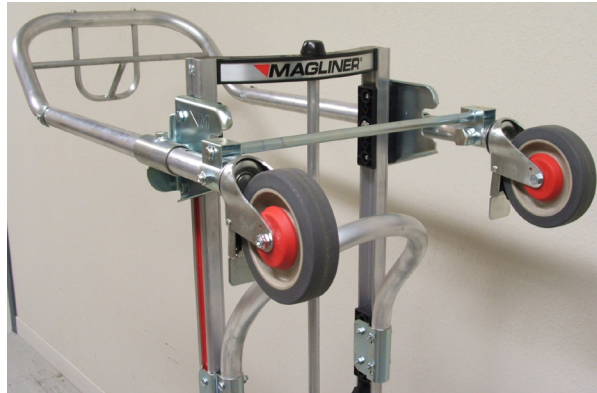


9/16"

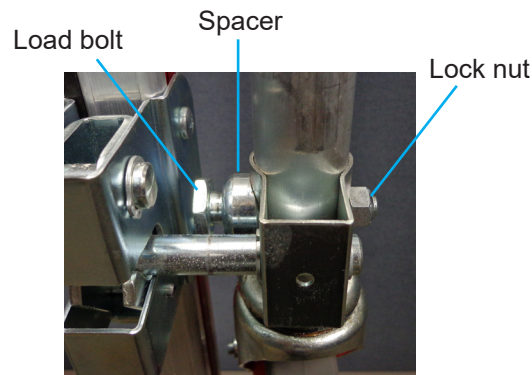


7/8"

- 1
 - a. When the cart is in the 2-wheel position, unlatch the upper handle and carefully rotate the handle so that it is parallel to the ground. Slide the handle through the pivot socket until the spreader rod is approximately 3" from the handle plates.
 - b. Using the 7/8" and 9/16" wrenches, remove the lock nut, load bolt and spacer on the upper handle located just above the caster on one side. Remove the caster; keep all fasteners for reinstallation.



- 2
 - a. Slide the stem of one of the new casters into one of the open ends of the upper handle and securely fasten using the previously removed load bolt, spacer and lock nut.
 - b. Repeat for the other side if needed.



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