

SIDEKICK BIG WHEEL LEG RETROFIT

FM-7.5-249

Rev A
6/25/09

This kit will allow your Sidekick Ramp to be modified to the Big Wheel leg assembly. The benefits from this retrofit include better mobility over rough terrain.

Please note: Cable latch leg kits will require the Latch Retrofit kit in order make this retrofit possible.

Your kit should contain the following parts:

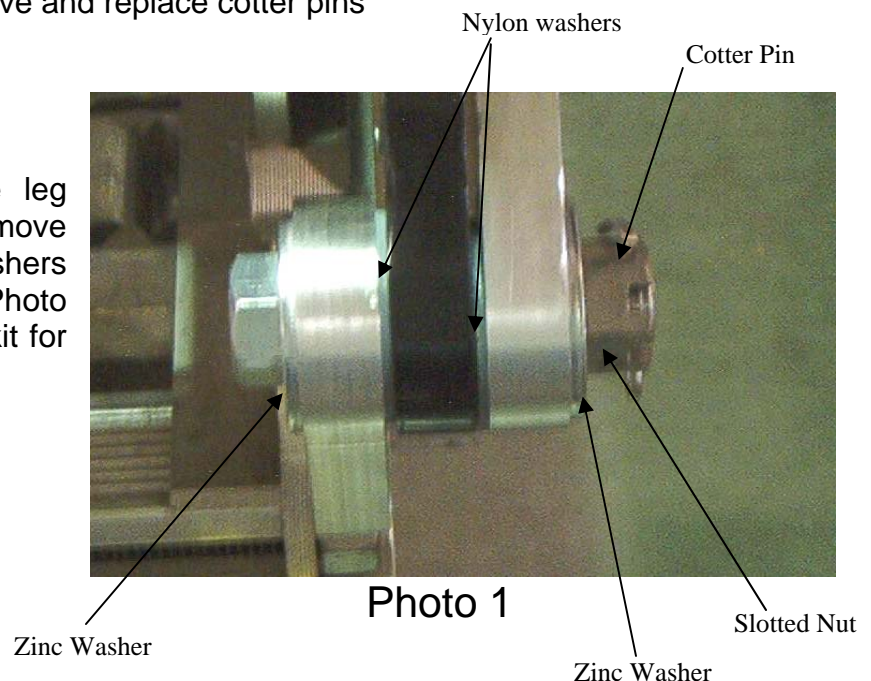
- SK Channel w/ post leg assy. - 1 ea
- Cam hinge bracket LH big wheel – 1 ea
- Cam hinge bracket RT big wheel – 1 ea
- Cotter pin 1/8" x 1" – 2 ea
- 3/8-16 x 2 1/4 Hex head cap screw – 6 ea
- 3/8-16 Center lock nut – 6 ea
- Bushing 5/8" OD x 1/2ID – 2 ea
- 1/2-13 x 2 5/16 Hex head cap screw – 2 ea
- Washer nylon 1/16 x 5/8 ID x 1 5/16 OD – 4ea
- 1/2-13 slotted (castle) nut - 2 ea
- Washer flat 1/2" Series N – 4 ea

In addition to the parts listed above the following tools will be needed:

- 9/16" Socket and wrench
- 7/32" Hex wrench (if your folding ramp has button head screws)
- Needle nose or regular pliers to remove and replace cotter pins
- Hammer

Let's begin:

To start retrofitting your Sidekick the leg assembly will need to be removed. Remove the cotter pin, slotted nut, bolt and washers where the leg assembly is hinged; see Photo 1. New hardware is contained in your kit for replacement.



After removing the leg assembly, the extension section of the ramp needs to be removed (this will be the shorter of the two ramp sections). Flip the extension section and using a 9/16" socket and wrench remove the hinge on both sides (see Photo 2).

Cam to be removed
(Left hand shown)



Photo 2

Replacement hinge
(Left hand shown)



Replace with the new hinges using 3- 3/8-16 x 2 1/4" hex head cap screws and 3/8-16 center lock nuts per side. To install the bushing on the newly installed hinges place the bushing on the bolt then hammer bolt to drive the bushing into place, taking care not to damage bushing.

Photo 3

Flip over the extension section and place on the base section. Place the leg assembly on the extension section. Then align the leg hinge, new leg assembly, and mounted hinge components. Place the nylon washers on each side of the leg hinge (see Photo 1 for orientation), and install the bolt thru the hinge with a flat washer on each side of the assembled hinge. Next loosely install the slotted nut until the hole in the bolt allows the cotter pin to be installed. Repeat these steps for the remaining hinge and check for proper leg and latch operation. When the leg assembly rotates freely, turn the cotter pin ends up so that they will not fall out.

This completes the installation of your Sidekick Big Wheel Retrofit. If you have any questions contact your R•O•M representative at 1-800-827-3692.

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