

KNEAL KNEE CRUISER MAINTENANCE

OVERVIEW OF THE KNEAL KNEE GENERAL MAINTENANCE

NEEDS

- a. Silicon lubricant (aerosol straw tip)
- b. Lithium grease (aerosol straw tip)

- c. Lithium grease (grease gun)
- d. 15mm box end wrench

Start at the rear of the Knee Cruiser. Check the rear wheels for excess play by wiggling them. There should be no lateral play in the wheels. Tighten if necessary. Spin the wheels individually. They should spin with little resistance. Loosen if necessary.



15mm

Lubricate the rear swivel bearings by elevating the rear wheels and releasing the rear wheel lock. Next, attach the grease gun to the zerk fitting.



Lift the rear wheels off of the ground. Rotate the rear wheels exposing the plunger assembly. Using silicon lubricant, generously coat the inside of the plunger barrel.



Hold the wheels in a forward/aft position and slightly pump the gun. Rotate left and pump. Rotate right and pump. Wipe excess grease from around the seal.



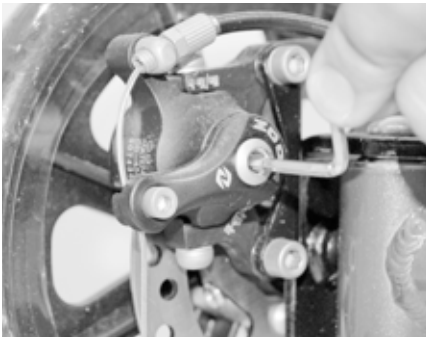
Check the Cruiser knee rest for ease of movement up and down. Also inspect the detent pin. Make sure the ball is in good condition. The pin should slide easily in and out of the frame. Lubricate with silicon spray if necessary.



Spin each wheel and assess the relationship between the rotor and caliper. If rubbing is evident, follow the next two steps or visit youtube/kneecruiser to watch a short video on brake adjustment.



Make adjustments to the inner brake pad using a 3mm or hex wrench. Clockwise will move pads in and counterclockwise will move them out.



3mm/5mm

Make adjustments to the outer brake pad using a 5mm hex wrench. Clockwise will move pads in and counterclockwise will move them out.



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Lubricate shoulder bearings at the cross section between frame and spindle.



Lubricate both outer tie rod connection points.



Lubricate center tie rod connecting point.



6 mm



Check handlepost tightness by folding it down. With a 6mm hex wrench tighten the handlepost attachment bolt. Don't be afraid to over tighten.



Lubricate brake lever connecting points.



Check the handlepost quick release tightness. Resistance should be moderate when attempting to close. If it is too tight or too loose, use the knurled knob to adjust the level of tightness. Push down on the handlebars to test. Bars should remain fixed. If they slip, retighten and test again.

