

Lubrication Guide

Chain



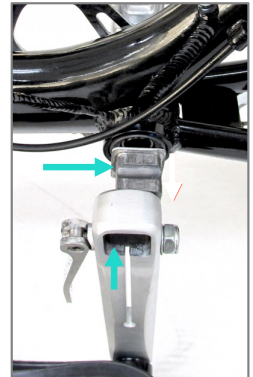
Use chain lubricant, DO NOT use a WD40 type water displacer.

Steering Components



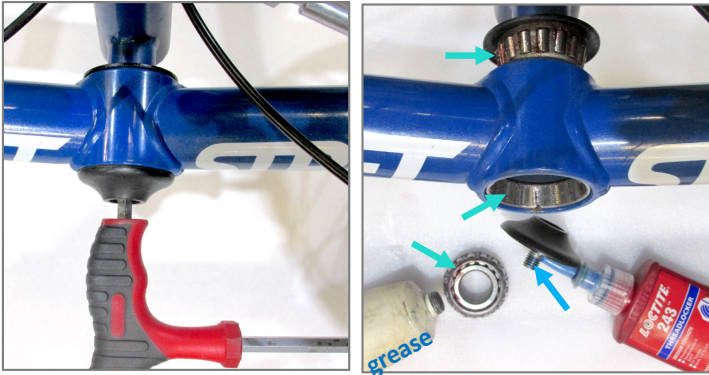
Lubricate the inboard and outboard spherical rod ends with grease and the king pin bolt bushings with low viscosity oil.

Crank Block



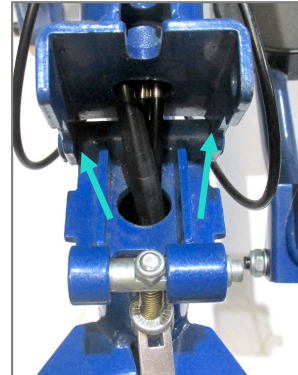
Pull crank arm off the block as done when folding, apply bearing grease to the surface of the block and inside the crank arm opening.

Front Beam Bearings



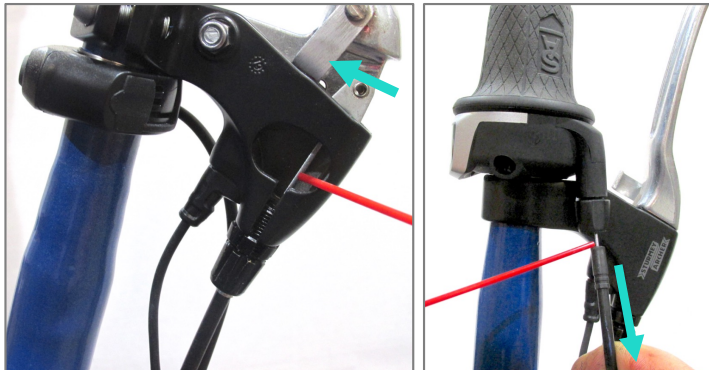
To lubricate front beam bearings, first fold the head tube down, then support the *StreetStrider* with boxes under the foot platforms to stabilize and lift the front wheels off the surface. Remove the front cap with 8 mm hex wrench and slide the beam forward to expose the rear bearing, which will also cause the front bearings to slide off the shaft. Apply bearing grease to both bearings and the outer races. Slide the front beam back on the shaft, slide the front bearing back on the shaft. Add a semi-permanent thread locker to the cap screw and tightly screw the cap back onto the shaft.

Fold Joint



Lubricate the rear pivot of fold joint by adding a few drops of oil as shown.

Brake and Shifter Cables



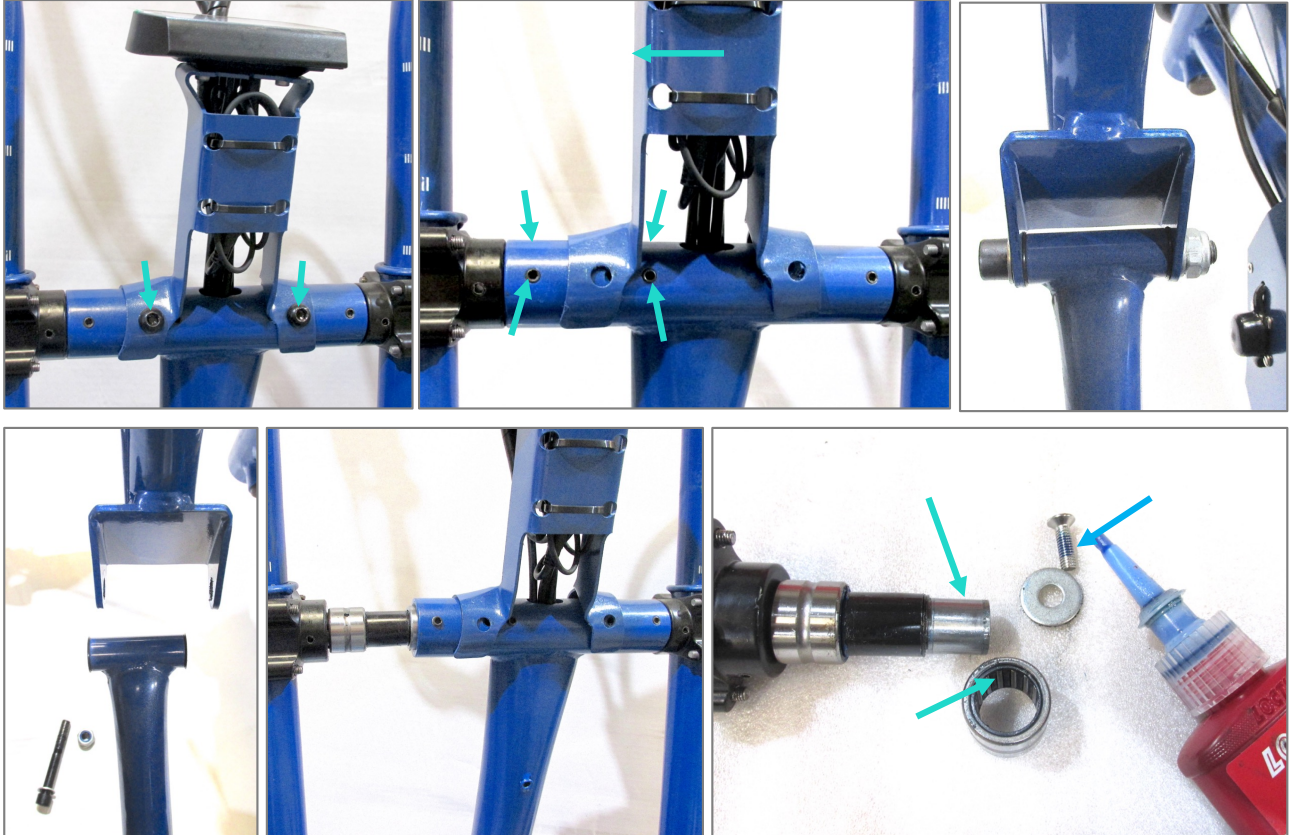
To lubricate the brake and shifter cables, apply a few drops of low viscosity oil to the cables. To expose some brake cable, visible from the front of the lever or the side on the e-Strider, squeeze the brake lever. To expose the shifter cable shift to gear 1 or on the e-Strider, shift to 4th gear, then pull the cable housing down a bit until the shifter cable is visible.

Strut Connector



On the 8s and e-Strider Pro, lubricate the brass connector on the upper end of the strut with grease.

Joint #1 and Joint #2



To lubricate Joint #1 roller bearings, first use a 4 or 5 mm hex wrench to remove the 2 panhead locking screws, which are also used to secure the e-Strider display bracket to the crossbar. Second, slide the bracket to one side and loosen the four 3 mm set screws about 2-3 turns. Third, remove the bolt and nut, then disconnect Joint #2 with an 8 mm hex wrench and 17 mm wrench. Fourth, slide Joint #1 out of the crossbar. Fifth, remove the 4 mm screw from the inner end of the Joint #1 assembly so that the roller bearings can slide off the shaft. Lubricate the bearings and shaft with bearing grease, then reassemble Joint #1 and apply some semi-permanent thread locket to the 4 mm screw. Finally, slide the greased Joint #1 back into the crossbar, snug the 3 mm set screws and reconnect Joint #2. The Teflon bushings of Joint #2 can be lubricated with bearing grease or oil.

Joint #3



To lubricate Joint #3, first remove the C-ring from the inner end of the pedal shaft that protrudes through the crank arm. Unscrew the pedal shaft with a 6 mm hex wrench. **IMPORTANT: The left side pedal shaft is left hand threaded, so unscrew clockwise. The right side pedal shaft is right hand threaded, so unscrew counterclockwise.** Then slide the pedal shaft out of the Joint #3 bearings and lubricate with bearing grease. Reassemble the parts in reverse, tighten the pedal shaft into the crank arm and replace C-ring.