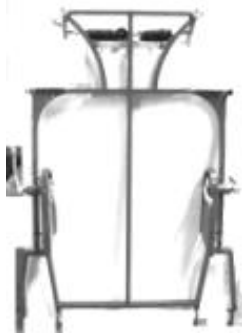















SURREY
















Assembly Instructions

Parts List

Quantity	Part Name	Part Number	Photograph
1	Base Frame	270	 A black and white photograph of a metal base frame for a vehicle, showing a central vertical post, two side rails, and a rear crossbar with mounting points.
2	Front Wheel	142	 A black and white photograph of a spoked front wheel with a tire, shown from a top-down perspective.
2	Rear Wheel	137	 A black and white photograph of a spoked rear wheel with a tire, shown from a top-down perspective.
1	Nose Frame	2	 A black and white photograph of a nose frame component, featuring a curved top bar and two vertical posts with mounting brackets.
2	U Brace	30	 A black and white photograph of a U-shaped metal brace component.
2	Side Frame (Right and Left)	10	 A black and white photograph of a side frame component, showing a complex metal structure with multiple joints and mounting points.

Quantity	Part Name	Part Number	Photograph
2 4 for Limo	Chain and Master Link	Included in 118	
1	Brake Arm	196 & 125	
1	Handle Bar	195	
1	Steering Wheel	59	
1 2 for Limo	Bottom Seat and Frame	132 & 12	
1 2 for Limo	Backrest Seat and Frame	131 & 219	
1	Childseat	21	
2	Rear Fender	17	

Quantity	Part Name	Part Number	Photograph
1	Front Bumper	278	
2	Front Fender	61	
1	Steering Column	20	
2	Rear Stay Brace	13 & 14	
1	Front Awning Posts	26	
2	Rear Awning Posts	25	
1	Awning Frame	27	

Quantity	Part Name	Part Number	Photograph
2	Front Head Lamp	258	
4	Chain Adjuster (not required on 7 speed models)	120	
2 Surrey 4 Limo	Pair of Pedals	50 & 51	
2	Brake Cable	127 & 128	
1/2	Shifter (7 Speed option)	NA	
1/2	Shifting Cables (7 Speed option)	NA	

Have questions? Call (409) 986-2006 for maintenance help.



NEW SURREY ASSEMBLY TIPS

Congratulations on the purchase of your new Surrey. To ensure that your new Surrey consistently performs in the manner in which it was designed, and to avoid unnecessary assembly complications, use the assembly tips below to guide you through the assembly process:

1. Completely unpack and unwrap all Surrey components. Briefly review the exploded diagram (on the following pages) for the bike you are assembling. During the assembly process, leave all nuts "finger tight" until the end of assembly.
2. Place the large **Base Frame # 270** on a flat, level area.
3. Loosen the nuts on each of the **Rear Wheels # 137** and slide them onto the **Rear Stays** (forked shaped frame pieces on the **Base Frame**). Leave the **Rear Wheel nuts** loose.
4. Install the **Chains** by running the chain over the front crank chainring and around the axle of the rear wheel. Attach the ends of the chain with the **Master Link #118**. The **Master Link** is connected with the pin plate, through each end of the chain, then the flat plate and finally the notched lock plate. Slide the wheel all the way forward and loop the chain over the top of the freewheel cog on the rear wheel. Pedal the crank forward; the chain will work its way around the freewheel. (For Limousine Models see Step 4(a), page 10).
5. Pull the **Rear Wheel** back to pull the slack out of the chain. Use the **Chain Adjusters #120** on the rear axles of the **Rear Wheels** to pull the slack out of the chain by tightening them against the **Rear Stays**. Leave a little slack in the chain. *If the chain makes a popping noise when the wheel is turned, the chain is too tight.* If the chain is too loose, it will frequently derail.
6. **Please see Wheel Installation Addendum (applies to Single Speed Installations only).** Tighten the **Rear Wheels** while keeping the chain tight and the **Rear Wheel** running *inline with the Rear Stays and the center tube* on the **Base Frame**. If the wheel is installed crooked, the tire will wear unevenly. When tightening the nuts on the rear axel hold the nut on the opposite end of the axel. Make sure that the axel itself does not turn. Make sure that the nuts and washers inside the rear stays do not pressure the side of the hub. This will cause the wheel to not spin freely. Each rear wheel has four nuts. Two nuts on the outside of the rear stays and two nuts on the inside of the rear stays. The nuts on the outside of the rear stays should be tightened by turning them clockwise. The nuts on the inside of the rear stays should be tightened by turning them counter-clockwise, in effect tightening them against the inside of the rear stays.
7. *If you ordered the Easy 7 Speed Package, please refer Seven Speed Gearing Package Instructions provided along with this document.*

8. Install the **Rear-Stay U Braces #30**, which are painted the same color as the frame and arch over the rear wheels just under the rear fenders. Leave the two 13mm nuts hand tight. It might be necessary to slight spread and narrow the **Rear-Stay U Braces** to fit the hole pattern in the base frame.
9. Install the **Rear Fender #17** under the **Surrey Side Frame #10** by loosening the 13 mm nut under the arch of the **Surrey Side Frame**. Under the **Surrey Side Frame** arch for the rear wheel, the **Rear Fender** will match the hole pattern in three places, the bolt welded to the **Surrey Side Frame** that requires a 13 mm nut and the two holes for the two 10 mm bolts and nuts that mount through the **Surrey Side Frame**, **Rear Fender** and **Rear-Stay U Brace**.
10. Install each **Surrey Side Frame** by sliding the four bolts through the holes in the Surrey Base Frame. (*It might be necessary to bump the side frame into place with a plastic or rubber mallet*). Put the washers and 13 mm nuts on the bolts under the **Surrey Base Frame** hand tight.
11. Repeat step 9 and 10 on the opposite side of the Surrey.
12. Install the **Nose Frame Brace #2** in the center, on the front of the Surrey (The **Nose Frame Brace** has two large 180 degree bends which accommodate the front lights.) The **Nose Frame Brace** will attach in 6 places (two 13 mm nuts, one bolt and nut from each of the side frame pieces and two nuts and bolts that attach the front bumper). Attach the 13 mm nuts and both side frame bolts, leaving all nuts hand tight.
13. Install the **Padded Back Rest Seat #131** by sliding the bolts on the back of the seat back through the each hole on each side frame on the rear of the Surrey. *See last page if assembling a Limousine.*
14. Install the **Padded Bottom Seat # 12** by loosening the 13 mm nut on the bolt welded on the inside of each side frame and sliding the **Padded Bottom Seat** over both bolts keeping the washer on the inside of the seat brace. *See last page if assembling a Limousine.*
15. Install the **Front Bumper #278** by stabbing both tube ends of the **Front Bumper** into the **Bumper Mounts** on the **Surrey Base Frame**. Mount the **Front Bumper** to the **Nose Frame Brace** with the two bolts and 13 mm nuts.
16. Shape the **Front Fenders #61** around the arch of the **Front Bumper**. Also shape the **Front Fender Spines** (thin, flat silver metal braces shaped like a capital I with two holes drilled in each end) around the arch of the **Front Bumper**. Attach the **Front Fenders** and spines to the bumper using the two 10 mm nuts on each **Front Fender**. Next attach the **Front Fender** and spines to the **Surrey Base Frame** on top of the tabs on each side of the **Surrey Base Frame**.
17. Install the **Handle Bar #195** by inserting the small tubular ends into the each of the **Surrey Side Frame** mounts (*First remove the keeper bolts with an allen wrench*) A small amount of grease on each small tubular end will help lubricate the insertion into each **Surrey Side Frame**. Be careful to remove the bolt, washers and nut from each side of the **Handle Bar** before installing. Make sure that the round barrel through which the nut and bolts mounts clears the tabs on the **Surrey Side Frame** as the **Handle Bar** is gently bump into place. (Use a rubber or plastic mallet to bump into place).

18. Install the **Rear Frame Braces #13 and 14**. These are single tubes that are slightly bent with a tab with a hole on one end and a bolt welded to the other end. Behind the rear seat, each **Surrey Side Frame** will have a flat area with a 14 mm bolts screwed into place. Remove the 14 mm bolt. Insert the proper **Rear Frame Brace** through the **Surrey Base Frame** by sliding the bolt through the hole. Attach the other end of the **Rear Frame Brace** to **Surrey Side Frame** by screwing the 14 mm bolt through the tab of the **Surrey Side Frame**. *If you purchased the rear Surrey Basket, please see the Brake Arm & 7 Speed Package Addendum at the end of these instructions for a photograph of the assembly.*
19. Install the **Steering Wheel #59** on the **Handle Bar** by using an allen wrench to mount the **Steering Wheel** on the wheel disk mounted on the **Handle Bar**.
20. Attach the smaller part of the black **Steering Column #20** to the **Rack and Pinion Steering** under the **Surrey Base Frame** on one end and the larger end to the **Steering Wheel** mounting assembly on the other. The small set screw in the universal joint should be tightened on to the flat face of the steering wheel axle. The larger bolt should be tightened.
21. Attach the two front **Head Lamps #258** to the **Nose Frame Brace** using the mounting hardware attached to the **Nose Frame Brace** or **Head Lamps**. *If you are using the generator power head lamps, consult the Head Lamp Note at the end of these instructions.*
22. Using a ratchet wrench, tighten all hand tight or loose nuts, both 13 mm and 14 mm. **Refrain from over-tightening the bolts, which may cause stripping of the threads or bolt breakage.**
23. Install the black **Brake Handle #196** by sliding the **Brake Handle** over the bolt welded on the **Handle Bar** under the **Steering Wheel** and behind the brake stop pin (the brake handle being mounted on the side of the brake stop pin closest to the driver), which is the taller pin on the right side of the **Brake Mount**. *See the Brake Arm Addendum for the look of a correctly installed brake handle.*
24. Install the **Front Wheels #142** by sliding the axles into the cones mounted to the tie rods under the **Surrey Base Frame**. Tighten the inside (between the hub and the mounting cone; WD-40 or other oil should be used to oil the axles before assembly) with a wrench. Next, tighten the large allen head screw on the outside of each hub.
25. Install the **Pedals #50 and 51**. Each pedal has an "L" or "R" on the end of each axle. The L pedal mounts to the arm without the chainring (left side of the crank). The R pedal mounts to the arm with the chainring. Also be careful to not cross thread the pedals by screwing them into the cranks arms at an angle.
26. Elevate the rear of the Surrey by placing it on a bucket or stand. Install the **Brake Cables** by starting at the rear of the Surrey and sliding the **Brake Cable** with the black housing through the **Cable Loop Guides** welded on the **Surrey Base Frame** and **Surrey Side Frame**. The end of the **Brake Cable** with the **Barrel, Nut and Rubber Housing** stays at the rear of the Surrey. The opposite end of the **Cable** should be fed through the **Cable Loop Guides**. The ball on the end of the **Cable** should be fed through the guide under the **Steering Wheel** and into the holes in the disk on the **Brake Handle**. Remove the nut on each cable. Slide the **Barrel** with the hole in it through the chrome **Brake Arm** on the **Rear Hub**. *See the Brake Handle Addendum for the look of a correctly installed brake arm.*

Slide the threaded cable end through the hole in the **Barrel**. Tighten the nut on the **Cable** end against the **Barrel** for proper brake adjustment. Make sure the wheel spins freely when the Brake is not engaged. After both cables are installed pull the black Brake Arm on the Handle Bar. While the brake is engaged have another person attempt to spin the rear wheels. Properly adjust each brake cable so that each wheel has equal brake tension on the rear wheels. **If you have an Easy 7 Speed Package, please refer to the Shimano Installation instructions in conjunction with this step.**

- 27 Install the **Front Awning Posts Assembly #26** by stabbing the stainless steel posts (without the bends on the ends) into the front mounts on the **Surrey Side Frames**. Tap with a plastic or rubber mallet until enough of the stainless post appears in the thread hole (into which the allen keepers screw) so that the allen set screw can tighten. Tighten all set screws and lock nuts.
- 28 Install the **Rear Awning Posts Assembly (#25** with the bend) that stabs just behind the **Padded Back Rest Seat**. Tap with mallet just deep enough to tighten with keeper and lock nuts. Please see the Limousine Instructions on the next page.
- 29 Install **Awning Frame #27** with four 13 mm nuts. Put on cloth **Awning**.
- 30 Install **Child Seat #21** by hooking it on the **Handle Bar**. Use the **Baby Seat Mount Brace** and attaching it to the **Baby Seat** (on the foot loop) and the **Nose Frame Brace**, attaching in both places with the 14 mm bolts.
- 31 Properly inflate all tires to the tire pressure required on the sides of the tires, no more than 40lbs.

32 Make sure all bolts, nuts and set screws are tight!

Generator Powered Head Lamp Notes: If your Surrey utilizes a generator to provide power to the front head lamps, attach the silver generator to the bracket located on the tie rod next to the front driver side wheel. The light wiring will include a loop end. The loop end should be mounted to the bracket with the 10mm bolt and nut. Keep the each wire together according to color. The remaining wires should be skinned back about 1/4 inch to expose the inner copper wire. The skinned wires (color together) attach on the bottom side of the generator in the spring loaded terminals.

7 Speed Gearing Package Note: If your Surrey includes the Easy 7 Speed Gearing Option, please refer to pages 16 –21, the Easy 7 Speed Gearing Package Instructions.

Special Surrey Limousine Instructions:

4(a) The Limousine model requires 4 chains. Two chains will be longer than the other two. The two longer chains run from between the front and rear sets of crank chainrings and over the idler skid. The shorter chains run around the rear chainrings to the rear wheels.

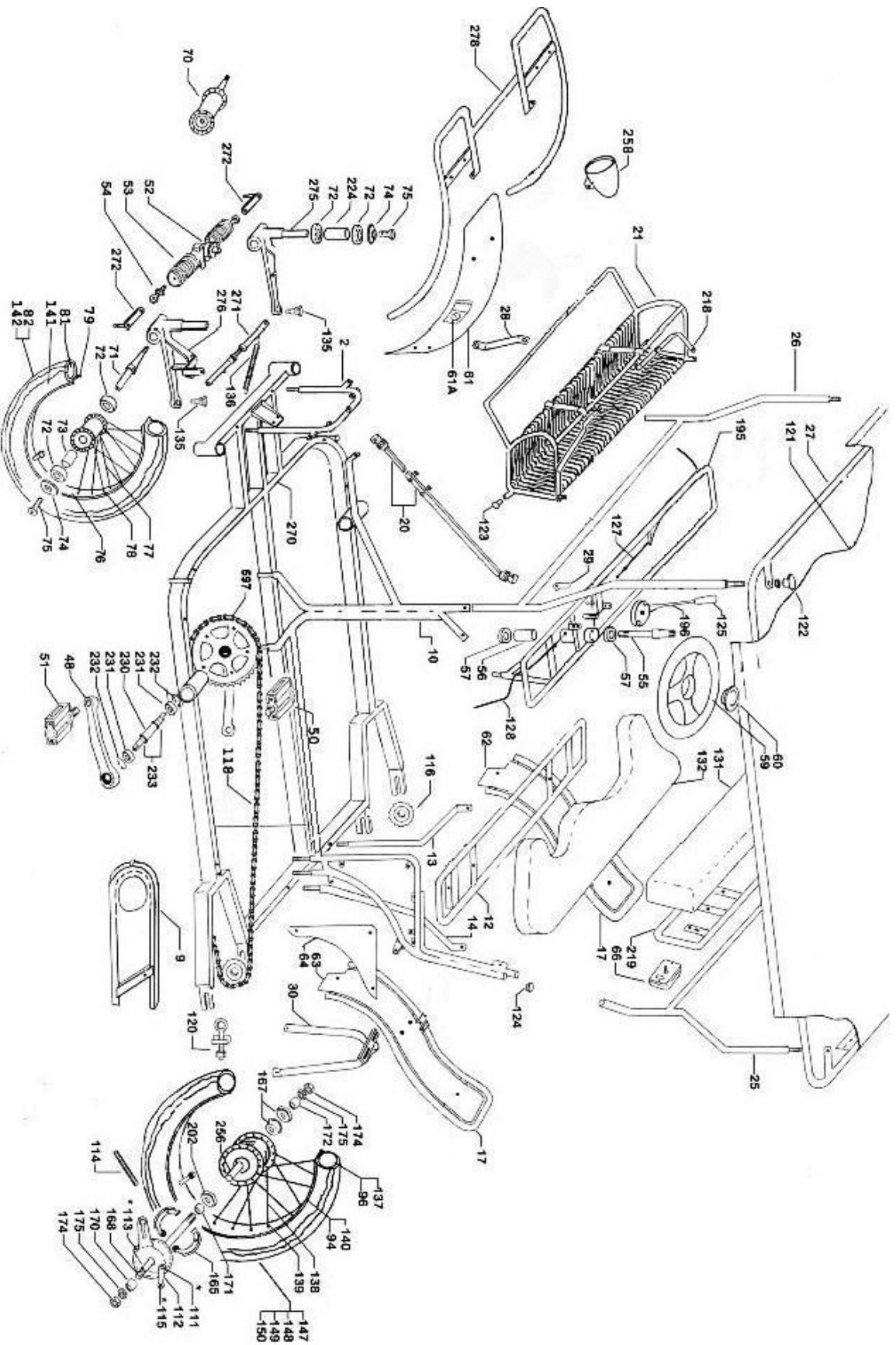
13(a) Attach the underseat brace (shaped like the first row seat side panel under the **Padded First Row Back Rest Seat** to the **Base Frame** with the two bolts that slide into the center tube of the **Base Frame**. Next install the seat by sliding the bolts on the back of the seat back through the each hole on each side frame on the **Surrey Limousine Side Frames**.

14(a). Install the **Padded Bottom Seat** by loosening the 13 mm nut on the bolt welded on the inside of each side frame and sliding the **Padded Bottom Seat** over both bolts keeping the washer on the inside of the seat brace.

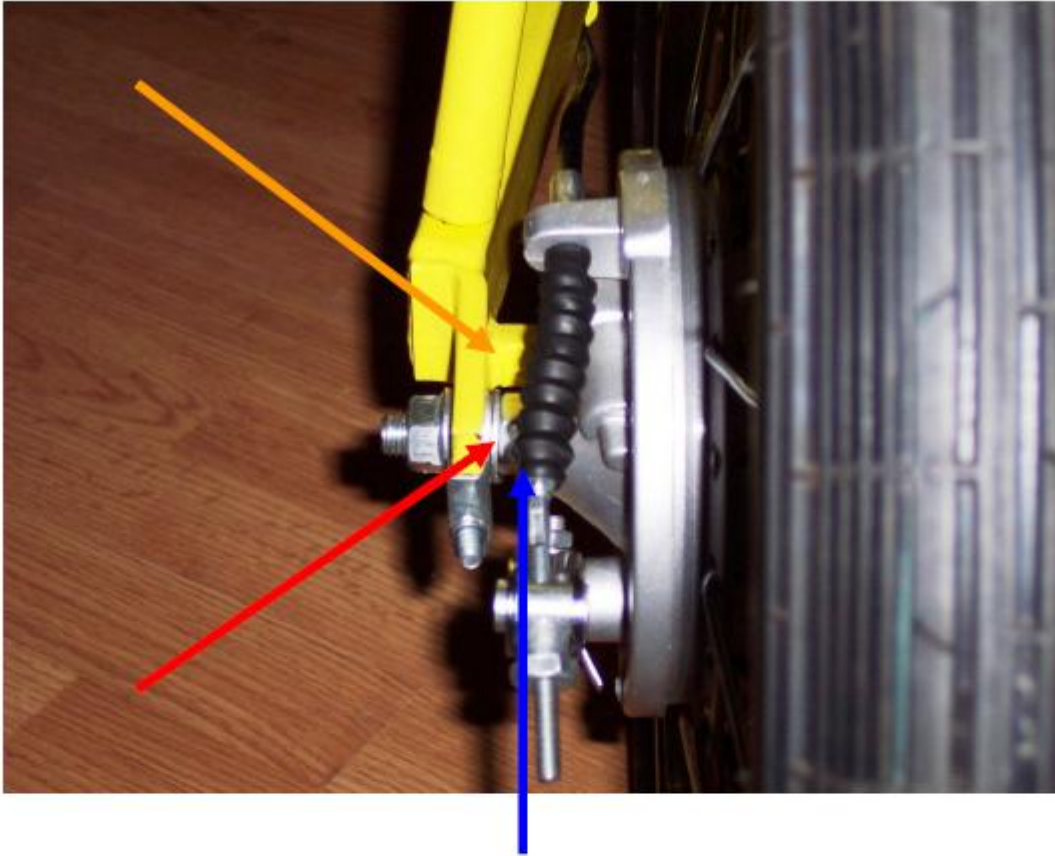
28(a) Install the **Middle Awning Posts Assembly** (with the bend) that stabs just behind the **Middle Padded Back Rest Seat**. Tap with mallet just deep enough to tighten with keeper and lock nuts. Next attach the rear **Handle Bar** by sliding it over the tube ends behind the **Middle Padded Back Rest Seat**. It may be necessary to put a small amount of grease or oil on the tube ends to facilitate the **Rear Handle Bar** to easily slide over the tube ends. Additionally, it might be necessary to take the **Rear Handle Bar** over the 90 degree bends with a plastic or rubber mallet to bump it down into place. Finally, tighten the set screws and lock nuts on each side.



Surrey Diagram



Single Speed Rear Wheel Addendum



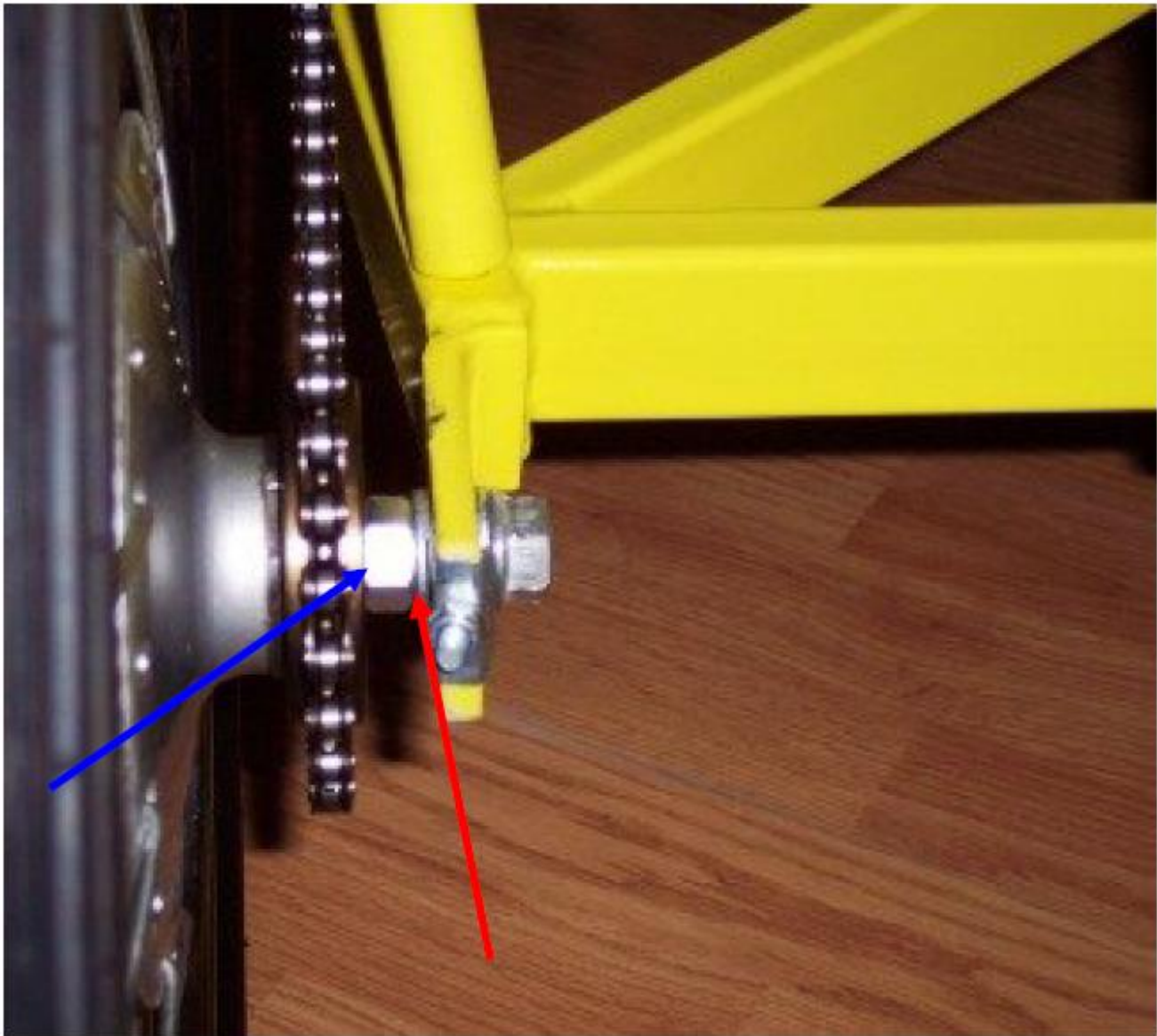
As you slide the rear wheel on to the rear stays make sure that the center of the rear tire is mounting in the center of the rear stays with the middle of the rear tire running directly in line with the single tube of the base frame that the rear stays are welded to.

As you tighten the outside nut, make sure that the brake pin (orange arrow) does not touch and put pressure on the side of the hub. Pressure on the side of the hub prevents the wheel from rolling freely.

To prevent the brake pin from pressuring the hub, space the inside of the axle with washers (red arrows).

Also, the inside adjustment nut (blue arrow) can be loosened (turned the opposite direction of the outside nut) to bind against the inside of the rear stay, which has the effect of tightening the wheel. The inside nut on each side of the wheel should NOT be tightened against the face of the rear hub. This prevents the wheel from rolling freely and will cause the bearings to eventually fail.

Single Speed Rear Wheel Installation Addendum
Page 2



DO NOT allow the axle to turn while tightening the rear wheel. Put a wrench on each nut on opposite sides of the wheel and tighten each side equal using quarter turns. Allowing the axle to turn will put pressure on the sealed bearings inside the hub preventing the wheel from rolling freely, eventually the bearings will fail.

Brake Arm & 7 Speed Package Photograph Addendum



Properly mounted brake arm



Pictured is the optional rear Surrey basket, sold as an accessory, The basket mounts to the rear of the Base Frame between the rear wheels. Electrical zip ties help stabilize the basket to the base frame.

Easy 7 Speed Gearing Package Instructions

Shifter Installation -

Step 1:

Loop the chain around the axle on the sprocket side of the wheel. Slide each wheel into each rear stay with the sprocket on the right side of the wheel as far forward as possible. Note that the axle has flat areas machined on top and bottom and on each end of the axle. Also note that there are "forked" washers on the axle (white washer on the sprocket side and chrome washer on the brake side).



Step 2:

Loop the chain around the rear sprocket. Pull the wheel back as far as possible.

Step 3:

On the left side of the wheel, attach the black brake stabilizer arm to the slotted mounting tab under the left rear stay with the 10mm bolt provided on the black brake stabilizer arm. Leave the nut finger tight.



Step 4:

While pulling on the rear wheel back, make certain that the wheel is centered in the rear stay. The center of the wheel should be directly in line with the tube welded to the front of the rear stay. While keeping constant tension on the wheel and therefore the chain, tighten the wheel by taking equal 1/2 turns on each nut alternating left and right to keep the wheel centered and the chain tight with no slack. Tighten each nut until the wheel is tightly secured to each rear stay.



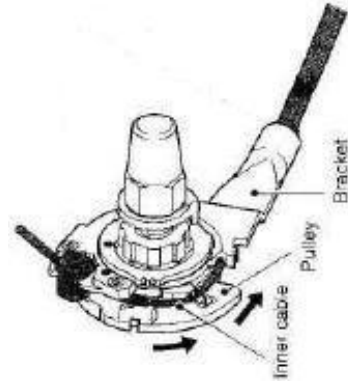
Step 5:

Install the Revo gear shifter on the vertical staub in the middle of the 180 degree bend of the handle bar. Slide the shifter onto the staub with a minimum of 3/8ths of an inch of the staub revealed at the top. Set the shifter to 1st gear.

Step 6:

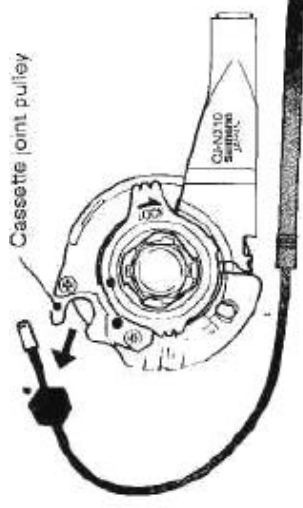
The shifting cable extends from the Revo shifter along the base frame of the Surrey to the right side of the rear wheel on that side of the Surrey. The fixing bolt at the end of the cable should be tightened 4 inches measuring from the end of the silver cap end on the black cable housing to the center of the fixing bolt.





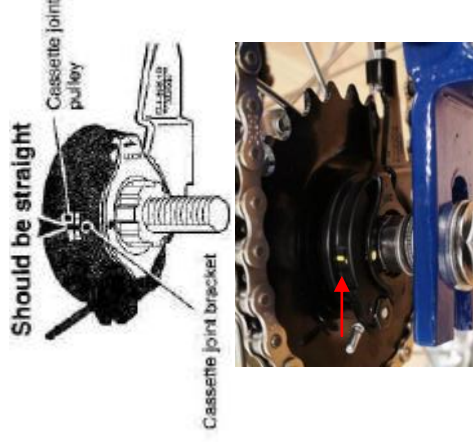
Step 7:

On the right side of the wheel hub is Shimano Cassette Joint (black plastic and metal component that circles the axle and points to the front of the Surrey). At the top of the cassette joint is a notch machined in that will accept the fixing bolt. Insert the fixing bolt and lay the shifting cable in the pulley channel. Pull the cable casing towards the front of the Surrey and insert the cable through the channel on the inside of the bracket.



Step 8:

Set the Revo shifter to 4th gear. On the rear wheel connected to that shifter, look at the top of the cassette joint. Two yellow lines appear. One is stationary. One is adjustable. In 4th gear, both should line up exactly. If the two yellow lines are touching but not exactly in line, turn the black plastic fine adjustment knob under the Revo shifter (where the inner wire and casing inserts into the Revo shifter). Turning the fine adjustment will adjust the yellow line forward and backward allowing the perfect adjustment in 4th gear. If the fine adjustment knob does not adjust the yellow line enough or the yellow line is not visible, repeat Step 6 and confirm the fixing bolt is fixed on the inner shifting wire 4 inches from the end of the black casing housing.



Step 9:

Shift the Revo shifter to 7th gear, then back to 1st gear. Next, shift to 4th gear and check the yellow lines on the cassette. The two yellow lines should be exactly in line. If the adjustment is not perfect, repeat Step 8.

Step 10:

Shift the Revo shifter to 7th gear, then back to 1st gear. Next, shift to 4th gear and check the yellow lines on the cassette. The two yellow lines should be exactly in line. If the adjustment is not perfect, repeat Step 8.

WARNING When starting your ride from a complete stop or when encountering a terrain incline while riding, you **must down shift** into **1st gear!** Failure to use low gear in appropriate situations will result in **severe damage** to your *Easy 7 Speed Gearing System* and will void all applicable warranties.

Brake Installation -

Step 1:

The driver side brake cable connects to the brake arm disk at the 12 o'clock position. The passenger side brake cable attaches on the disc on the opposite side at the 6 o'clock position. Each inner wire cable passes through the housing stops welded to the handle bar as shown in the photo to the right. On the opposite side of the housing stop the inner wire should pass into the cable housing and travel the length of the Surrey and extend through the opposite end of the cable housing.



Step 2:

On the black brake stabilizer arm next to the hole for the 10mm bolt that secures the brake arm to the stabilizer tab under the base frame is a forked bracket (see photo to the right). The silver brake housing cable stop slides into the forked bracket with the larger end of the silver bolt on the front end of the Surrey. The silver bolt has a hole through the center of the bolt. The excess inner wire passes through the center of the bolt. The black housing does not.



Step 3:

The inner wire passes through the brake fixing bolt. The brake fixing bolt tightly fits into the brake actuator arm and slides forward to lock into place.



While pushing the arm forward and pulling the inner wire towards the back of the Surrey, tighten the brake fixing bolt with a 10 mm wrench to bind the cable.

Step 4:

Elevate the rear of the Surrey and spin each rear wheel to confirm that it spins freely and does not come to an abrupt stop. If it does, the brake is adjust too tightly. If both wheels spin freely, see Step 26 of the Assembly Instructions to confirm that each brake is adjusted equally.

WARNING: Proper brake adjustment is vital for proper operation and safety. Please call our help line at 1.409.986.2006 if you require assistance.

Sprocket Replacement*

To replace the sprocket, remove the nut, washer, axle bushing, non-turn washer, three spacers, cassette lock, cassette joint, driver cap, metal snap ring and the stripped sprocket.



Step 1:

After removing the large axle nut and silver washer by hand, next remove the axle bushing. While holding the brake stabilizer arm with one hand, place a wrench snugly on the machined flat spots on the top and bottom of the axle. Turn the wrench counter-clockwise while holding the brake arm and thus not allowing the axle to turn. Make sure the wrench does not slip and mash the threads. The axle bushing will unscrew from the hub inner axle.

Step 2:

After removing the axle bushing, slide off the white non-turn washer and three spacers.



Step 3:

Next, remove the cassette lock and cassette joint. The cassette lock has "lock" and an arrow pointing to the right on it. Rotate the cassette lock counter clockwise, lining up two yellow dots and remove the lock.

Next, remove the cassette joint.



**Each Surrey with the optional Easy 7 Speed Gearing Package is supplied with an extra black rear sprocket. If your Surrey pedals forward and rotates the chain and rear sprocket on the rear wheel but the Surrey does not move, the rear sprocket is stripped. This results from starting a ride in high gear or riding an incline in high gear.*

Step 4:

Next, using a small flat head screw driver, remove the driver cap by sliding the flat head under the circular, rubber driver cap and prying upward.



Step 5:

Next, using a small flat head screw driver, remove the metal snap ring by sliding the flat head into one of the three notches behind the snap ring and pry upward. Work around the perimeter of the snap ring until it is detached.



Step 6:

Finally, pull the metal sprocket off of the hub directly upward. Three dogs should appear severed from the inside of the sprocket. The replacement sprocket will have three dogs in place.



Step 7:

Install the new sprocket with the concave side of the sprocket facing up.

Step 8:

Install the snap ring by binding the snap ring in place on one side of the hub with a finger and using the flat head screw driver to pry open the snap ring to fit it around the snap ring channel on the hub until the ring snaps flush into place around the sprocket, binding it to the hub.

Step 9:

Next, using a thumb and index finger, press the driver cap into place over the snap ring.



Step 10:

Next, replace the cassette joint by lining up two yellow triangles on the cassette joint with yellow marks on the chrome face of the hub.



Step 11:

Next, replace the cassette lock by lining up the yellow dot on the cassette joint with a yellow dot on the cassette lock and rotating the cassette lock clockwise in the direction of the arrow. The cassette joint will depress and lock into place.



Step 12:

Next, replace the three spacers and then the non-turn washer with the white fork on the front side of the axle. Finally, replace the axle bushing by screwing it on as tightly as possible while still allowing the flat sides of the bushing to align with the fork of the white non-turn washer.



The wheel is ready to reinstall on the Surrey.

IMPORTANT! **MUST READ**

7 Speed Operating Instructions

Please read these instructions carefully! Following these instructions will prevent you from using more energy than necessary, will preserve your 7 speed gearing systems and protect the systems from damage. Failing to follow these instructions could damage your 7 speed system(s) and void your warranty.

STARTING YOUR RIDE -

1. ALWAYS set your 7 speed gearing systems to 1st gear when starting from a dead stop.

RIDING AND SHIFTING -

2. As you increase speed during your ride, in concert with the other pedalers, (i) cease pedaling, (ii) shift to the next highest gear and (iii) resume pedaling. If your Surrey has two 7 speed systems (two shifters), both the left and the right sides should shift in concert with each other and should always be in the same numbered gear. Team work is important!
3. As you ride and decrease your speed for an approaching obstacle or hazard or come to a complete stop, always down shift into a lower gear—and always shift to 1st gear if you come to a complete stop. —**NEVER** put undue stress on your transmissions by riding in higher gears than required, *if it is hard to pedal, you are in a gear that is too high—downshift!*
4. While enjoying your ride, if you encounter a hill or other incline, no matter how slight, always down shift into 1st gear and gradually work your way back up. On a decline, you may shift into higher gears.
5. If you encounter a headwind and pedaling becomes difficult, downshift into a lower gear. This will make pedaling more easy and will cause you to use less energy.

REVIEW -

- ◆ ALWAYS start your ride in 1st gear.
- ◆ ALWAYS downshift into 1st gear when climbing an incline, no matter how slight.
- ◆ ALWAYS be in the same gear as the other pedalers on the Surrey.
- ◆ ALWAYS pause pedaling while shifting gears up or down.
- ◆ Treat your Surrey transmissions like you would the transmission on a manual transmission automobile.
- ◆ If it is too hard, it is too high! Downshift!
- ◆ REMEMBER, the more you take care of your 7 speed system(s), the more they will take care of you!
- ◆ *Failure to follow these operating instructions carefully may result in damage to your 7 speed system(s) and voiding of all warranties.*

ATTENTION!

ATTENTION!

When starting your ride from a complete stop or when encountering a terrain incline while riding, you **must down shift** into **1st gear!**

Failure to use low gear in appropriate situations will result in **severe damage** to your *Easy 7 Speed Gearing System* and will void all applicable warranties.

SURREY

- *Always think safety first!* Operate the Surrey at a safe speed with the driver being mindful of road hazards, other cyclist and approaching automobiles.
- Comply with all bicycle safety standards for operations in your city and state.
- We recommend a licensed driver always be in control of the steering wheel and brake arm.
- We recommend all riders wear a helmet, especially children.
- Obey all traffic laws!
- Be visible; wear brightly colored clothing and a helmet!
- Be predictable and be alert!
- Expect the unexpected and ride defensively!
- Use good, safe equipment! Always check your tire pressure, brake operation and chains before going out on your Surrey.
- Use your Surrey only as recommended! Do not make quick turns, travel at unsafe speeds or collide with other objects.
- Adjust riding to traffic and weather conditions!
- Do not stunt drive! Do not ride on fewer wheels than are on the cycle.
- Be especially cautious with downhill braking. With very steep downgrades, it may be impossible to stop your Surrey in a necessary distance although the braking system meets the highest standards. To avoid possible injury, dismount and walk your Surrey (use the brakes) to the bottom of the grade, if you do not feel secure enough, especially on wet, muddy or gravel roads.
- Use common sense. Avoid heavy motor traffic. Do not weave in and out of moving or stationary automobiles.
- Do not operate the Surrey at night without operable head lights and tail lights switched to the on position and operating.
- Avoid colliding with other Surreys, bike riders and other objects in your path.

SURREY

SAFETY!

- Always be sure, too, that all passengers keep their feet on the pedals at all times when traveling in a forward direction . It is dangerous to remove feet from the pedals during riding. Keep feet, legs, arms and hands away from moving wheels, cranks and chains. *If you need to back up (travel in reverse), everyone on the bench seats should dismount from the Surrey and push it backwards.*
- All passengers should remain seated at all times during the ride and children in the front child seat should remain seated and snugly fastened in behind the safety strap.
- Always use oral commands to alert other in your path of your presence and your intention.
- Closely observe all warning signs and decals on the Surrey bike.
- Only persons tall enough to maintain balance on the seat while pedaling should pedal the Surrey.
- Never hitch a ride from another Surrey or an automobile.
- Use approved hand signals for turning and stopping.
- Operating with improperly adjusted brakes or worn brakes may result in serious injury or death.
- Never ride with headphones. They mask traffic sounds, sirens and may prevent you from concentrating on road hazards.
- Never ride your Surrey while under the influence of alcohol or drugs.
- Never carry anything on the Surrey that obstructs your clear view of the path or roadway ahead.
- Ride on familiar routes while wearing light colored, reflective clothing.



Failure to follow safety procedures may result in serious harm or death!

SAFETY!