

MAINTENANCE PACKAGES		Price	Units
Brake System Tune-Up			
MP1.1	On bikes with rim brakes	\$60.00	1.00
MP1.2	On bikes with disc brakes	\$50.00	0.83
MP2	Drive Train Tune-Up	\$75.00	1.25
Level 1 Tune-Up			
MP3.1	On derailleur bikes <div style="border: 1px solid black; padding: 2px; width: fit-content;">NOTE: Go to disc-brake section of Brake Service if adding surcharges for rotor truing, rotor replacement, or hydraulic bleeding.</div>	\$96.00	1.60
MP3.2	On bikes w/ no derailleurs but w/ hand brakes	\$85.00	1.42
MP3.3	On bikes w/ no derailleurs or hand brakes	\$60.00	1.00
MP3.4	Discount for cartridge BB or hubs, per assembly	(\$5.00)	-0.08
MP3.7	Level 1 Tune-Up Upgrade Option 1 (MP3.1/MP3.2 plus wheel radial, dish, & tension adjustment)	\$130.00	2.17
MP3.8	Level 1 Tune-Up Upgrade Option 2 (MP3.1 plus full drive train cleaning)	\$130.00	2.17
Level 2 Tune-Up			
MP4.1	On derailleur bikes <div style="border: 1px solid black; padding: 2px; width: fit-content;">NOTE: Go to disc-brake section of Brake Service if adding surcharges for rotor truing, rotor replacement, or hydraulic</div>		
MP4.2	On bikes w/ no derailleurs but w/ hand brakes	\$135.00	2.25
MP4.3	On bikes w/ no derailleurs or hand brakes	\$63.00	1.05
MP4.4	Discount for cartridge BB or hubs, per assembly	(\$5.00)	-0.08
Level 1 Overhaul			
MP5.1	On derailleur bikes <div style="border: 1px solid black; padding: 2px; width: fit-content;">Go to disc-brake section of Brake Services if adding surcharges for bleeding or caliper/master-cylinder o'haul.</div>	\$240.00	4.00
MP5.2	On bikes w/ no derailleurs but w/ hand brakes	\$180.00	3.00
MP5.3	On bikes w/ no derailleurs or hand brakes	\$165.00	2.75
MP5.4	Discount for cartridge BB or hubs, per assembly	(\$5.00)	-0.08
Level 2 Overhaul			
MP6	On derailleur bikes <div style="border: 1px solid black; padding: 2px; width: fit-content;">Go to disc-brake section of Brake Services if adding surcharges for caliper/master-cylinder o'haul.</div>	\$385.00	6.42

MAINTENANCE PACKAGES

	<p>Secure and lube both levers; remove, trim, and lube cables; secure calipers; adjust pivots; adjust pads; adjust loose hubs; true wheels laterally as necessary to allow brake adjustment; clean rims; set clearance; center calipers. No additional service charges required for installation of new cables, brake pads, or calipers.</p> <p>Secure and lube both levers; remove, trim, and lube cables (hydraulic gets leak inspection instead); align and secure calipers; replace pads; adjust loose hubs; true rotors; clean rotors; set clearance; align calipers. No additional service charges required for installation of new cables or pads. Surcharges may be necessary for milling I.S. caliper mounts or replacing rotor.</p>
MP2	Remove and clean chainrings, both derailleurs, freewheel, and chain; remove, trim, and lube cables; lube, secure, and adjust shift levers; lube and adjust derailleurs. No additional service charges required for installation of new cables, chainrings, freewheel, chain, or derailleurs.
MP3.1	Adjust both hubs; adjust headset; adjust bottom bracket; adjust pedals (if serviceable); Secure and lube both brake levers; remove, trim, and lube brake cables; secure calipers; adjust caliper pivots; adjust brake pads; adjust loose hubs; true wheels laterally as necessary to allow brake adjustment; clean rims; set pad clearance; center brake pads; remove, trim and lube derailleur cables; lube, secure and adjust shift levers; lube and adjust derailleurs; secure handlebars, stem, seat post, seat, crankarms, chainrings, pedals, accessories; clean frame. No additional service charges required for installation of new brake and derailleur cables, brake pads, brake calipers, or derailleurs. NOTE: Includes disc brake pad replacement and caliper alignment but does not include other disc-brake services.
MP3.2	BMX same as MP3.1, but no derailleur system work; internally-gear hub bikes same as MP3.1 except adjust shift mechanism instead of derailleurs.
MP3.3	Same as MP3.1 except no derailleur or brake work.
MP3.4	Apply only if cartridge bearing type is not adjustable, and does not need securing. NOTE: Most BBs should be checked for security!
MP3.7	Same as MP3.1, plus full wheel truing (radial, dish, and tension added)
MP3.8	Same as MP3.1, plus full drive train cleaning (rear cogs, chainrings, chain, front derailleur cage, entire rear derailleur [including full disassembly])
MP4.1	Adjust both hubs; adjust headset; adjust bottom bracket; adjust pedals (if serviceable); Secure and lube both brake levers; remove and clean calipers; remove, trim, and lube brake cables; secure calipers; adjust caliper pivots; adjust brake pads; clean rims; set pad clearance; center calipers; remove, trim and lube derailleur cables; lube, secure and adjust shift levers; remove, disassemble, clean, lube and adjust derailleurs; remove and clean chainrings, chain, and freewheel; clean frame, rims, and spokes; secure handlebars, stem, seat post, seat, crankarms, chainrings, pedals, accessories; correct lateral, radial, centering, and tensioning errors in both wheels. No additional service charges required for installation of new brake and derailleur cables, brake pads, brake calipers, derailleurs, chainring, chain, or freewheel. NOTE: Includes disc brake pad replacement and caliper alignment but does not include other disc-brake services.
MP4.2	BMX same as MP4.1, but no derailleur system work; internally-gear hub bikes same as MP4.1 except adjust shift mechanism instead of derailleurs.
MP4.3	Same as MP4.1 except no derailleur or brake work.
MP4.4	Apply only if cartridge bearing type is not adjustable, and does not need securing. NOTE: Most BBs should be checked for security!
MP5.1	O'haul both hubs; O'haul headset; O'haul bottom bracket; adjust pedals (if serviceable); secure and lube both brake levers; remove and clean calipers; remove, trim, and lube brake cables; secure calipers; adjust caliper pivots; adjust brake pads; clean rims; set pad clearance; center calipers; remove, trim and lube derailleur cables; lube, secure and adjust shift levers; remove, disassemble, clean, lube and adjust derailleurs; remove and clean chainrings, chain, and freewheel; clean frame, rims, and spokes; secure handlebars, stem, seat post, seat, crankarms, chainrings, pedals, accessories; correct lateral, radial, centering, and tensioning errors in both wheels; clean frame. No additional service charges required for installation of new brake and derailleur cables, brake pads, brake calipers, derailleurs, chainrings, chain, or freewheel. NOTE: Includes all disc-brake services except caliper/master cylinder o'haul and bleeding!
MP5.2	BMX same as MP5.1, but no derailleur system work; internally-gear hub bikes same as MP5.1 except adjust shift mechanism instead of derailleurs.
MP5.3	Same as MP5.1 except no derailleur or brake work.
MP5.4	Apply only if cartridge bearing type is not adjustable, and does not need securing. NOTE: Most BBs should be checked for security!
MP6	O'haul both hubs; O'haul headset; O'haul bottom bracket; O'haul pedals; remove, disassemble, clean, and lube brake calipers; remove, trim, and lube brake cables; position, lube, and secure brake levers; remove, trim and lube derailleur cables; lube, secure and adjust shift levers; remove, disassemble, clean, lube and adjust derailleurs; remove and clean crankarms, chainrings, chain, and freewheel; align, clean, and polish frame and fork; clean rims and spokes; secure handlebars, stem, seat post, seat, crankarms, chainrings, pedals, accessories; correct lateral, radial, centering, tension average and tension balance errors in both wheels. No additional service charges required for installation of new brake and derailleur cables, brake pads, brake calipers, derailleurs, chainrings, chain, or freewheel. NOTE: Includes all all disc-brake services except caliper/master-cylinder o'haul!

TIRE SERVICE and TUBE SERVICE		Price	Units
Install Tire and/or Tube			
TT1.1	Front, wheel already removed	\$6.00	0.10
TT1.2	Rear, wheel already removed	\$6.00	0.10
TT1.3	Front, with wheel removal	\$9.00	0.15
TT1.4	Rear, with wheel removal	\$9.00	0.15
Repair Tube			
TT2.1	Front, wheel already removed	\$11.00	0.18
TT2.2	Rear, wheel already removed	\$11.00	0.18
TT2.3	Front, with wheel removal	\$14.00	0.23
TT2.4	Rear, with wheel removal	\$14.00	0.23
Surcharges to Above Jobs			
TT3.1	Install tire liner	\$3.00	0.05
TT3.2	Install new rim strip	N/C	none
TT3.3	Rear wheel removal w/ fully enclosed chain guard	\$15.00	0.25
Install Tubular Tire			
TT4.1	Front, with wheel already removed	\$45.00	0.75
TT4.2	Rear, with wheel already removed	\$45.00	0.75
TT4.3	Front, with wheel removal	\$48.00	0.80
TT4.4	Rear, with wheel removal	\$48.00	0.80
Surcharge to Install Tubular Tires			
TT5	Strip old glue from rim w/ paint stripper	\$40.00	0.67

TIRE SERVICE and TUBE SERVICE

TT1.1	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already within the context of performing another repair.
TT1.2	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already within the context of performing another repair.
TT1.3	Applicable when wheel must be removed from the bike only to do this job.
TT1.4	Applicable when wheel must be removed from the bike only to do this job.
TT2.1	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already within the context of performing another repair; includes tire R&R.
TT2.2	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already within the context of performing another repair; includes tire R&R.
TT2.3	Applicable when wheel must be removed from the bike only to do this job; includes tire R&R.
TT2.4	Applicable when wheel must be removed from the bike only to do this job; includes tire R&R.
TT3.1	Applicable when installing new tire liner or transferring used liner to new tire.
TT3.2	Installing a new rim strip is considered so routine that it has been factored into other jobs.
TT3.3	Enclosed chain guards are very rare, and difficulty in removal for different types varies a lot. The most common variety (English) was considered.
TT4.1	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already with the context of performing another repair. Applies whether rim is new, or adding glue to existing glued rim.
TT4.2	Applicable when wheel already removed from bike by customer, or if shop has removed wheel already with the context of performing another repair. Applies whether rim is new, or adding glue to existing glued rim.
TT4.3	Applicable when wheel must be removed from the bike only to do this job; applies whether rim is new, or adding glue to existing glued rim.
TT4.4	Applicable when wheel must be removed from the bike only to do this job; applies whether rim is new, or adding glue to existing glued rim.
TT5	Applied when old glue must be removed due to age, contamination, or inability to match with new glue. Assumes two applications of stripper will be required.

BRAKE SERVICE		Price	Units
Brake Adjustment			
BR1.1	Front sidepull, centerpull, or dual pivot	\$22.00	0.37
BR1.2	Rear sidepull, centerpull, or dual pivot	\$22.00	0.37
BR1.3	Front V-brake (linear pull), cantilever, or U-brake	\$27.00	0.45
BR1.4	Rear V-brake (linear pull), cantilever, or U-brake	\$27.00	0.45
BR1.5	Front roller cam brake	\$32.00	0.53
BR1.6	Rear roller-cam brake	\$32.00	0.53
Surcharges to Brake Adjustments Above			
BR2.1	Install new caliper	N/C	none
BR2.2	Install new brake pads	N/C	none
BR2.3	Install new control cable	N/C	none
BR2.4	Excess lateral wheel truing	\$12.00	0.20
	NOTE: For lever installation/replacement, click here for integrated brake/shift levers.		
BR2.5	Install new lever on drop bars (excludes recovering bars)	\$3.00	0.05
BR2.6	Install new lever, BMX or MTB (includes installing grip)	\$4.00	0.07
Disc Brakes (all below apply to one brake)			
BR3.1	Install rotor, hydraulic or mechanical system	\$7.00	0.12
BR3.15	Align rotor, using dial-readout tool	\$12.00	0.20
BR3.2	Install new brake, mechanical caliper	\$31.00	0.52
BR3.3	Replace pads, hydraulic or mechanical caliper	\$6.00	0.10
BR3.4	Maintenace service on hydraulic or mechanical brake, including mechanical cable replacement	\$18.00	0.30
BR3.5	Overhaul mechanical caliper	\$36.00	0.60
BR3.6	Install new brake, hydraulic caliper	\$45.00	0.75
BR3.7	Overhaul hydraulic caliper and master cylinder	\$60.00	1.00
BR3.8	Bleed hydraulic brake system	\$18.00	0.30
BR3.9	Surcharge for replacing/sizing hydraulic line	\$10.00	0.17
BR3.91	Surcharge for milling I.S. mounts (per brake)	\$13.00	0.22
BR4	Install BMX Freestyle Rotor System	\$70.00	1.17

ASSEMBLY SERVICE and PACKING SERVICE		Price	Units
AP1	Assemble Customer-Designed Custom Bike		Hourly
AP2	Un-Pack and Assemble Used Bike		
	Minimum	\$33.00	0.55
	Maximum	\$60.00	1.00
AP3	Pack Bicycle for Shipping	\$40.00	0.67

BRAKE SERVICE	
BR1.1	Secure, inspect, and lube lever; remove, inspect, replace if necessary, size and lube cable and housings; inspect and secure caliper; adjust caliper pivot(s); lube caliper; inspect, replace if necessary, and align pads; adjust clearance and centering of pads; true wheel laterally as necessary to permit proper clearance adjustment. Rate intended to allow for normal range of lateral error of wheel, but it may be necessary to add BR2.4 In the case of a wheel in extreme need of truing.
BR1.2	Same as BR1.1.
BR1.3	Same as BR1.1 except add remove calipers, grease pivot studs, and mount calipers using Loctite on bolts.
BR1.4	Same as BR1.1 except add remove calipers, grease pivot studs, and mount calipers using Loctite on bolts.
BR1.5	Same as BR1.1 except add remove calipers, grease pivot studs, and mount calipers using Loctite on bolts. Other additional steps include possible cleaning of calipers and adjustment of roller pivots.
BR1.6	Same as BR1.1 except add remove calipers, grease pivot studs, and mount calipers using Loctite on bolts. Other additional steps include possible cleaning of calipers and adjustment of roller pivots.
BR2.1	When replacing a caliper, there is no significant additional work compared to the BR1 series.
BR2.2	Because it should be considered routine to loosen old brake pads to adjust them, there should be no additional charge to install new ones.
BR2.3	Because it should be considered routine to remove the existing cables for inspection, sizing and lubrication, there should be no additional charge for installing new ones.
BR2.4	When the condition of the wheel makes it impossible to get a brake adjustment, this charge should be applied. The service writer should try to anticipate this in estimating the repair. This charge covers lateral truing only, so a regular wheel truing charge (see Wheels) should be applied when the wheel also needs radial correction, dishing, or tensioning. This charge should only be applied as a surcharge to brake work, and not as an inexpensive wheel truing option.
BR2.5	Used only as a surcharge to brake adjustment. A new lever should not be installed without taking responsibility for the whole brake.
BR2.6	Used only as a surcharge to brake adjustment. A new lever should not be installed without taking responsibility for the whole brake.
BR3.1	Includes wheel and rotor R&R, plus caliper alignment and clearance adjustment if necessary.
BR3.15	Includes wheel R&R.
BR3.2	Includes installing caliper, rotor, and cable (assumes existing lever is compatible). Add wheel building charge if hub is not disc-brake compatible. NOTE: Add derailleur adjustment charges for integrated brake/shift levers.
BR3.3	Includes wheel and pad R&R, plus pad clearance adjustment.
BR3.4	Includes replacing pads, replacing cable, realigning caliper and adjusting pad clearance. NOTE: Rotor alignment, rotor replacement, milling mounts, replacing hydraulic line, bleeding hydraulics, or rebuilding master/slave cylinders all additional.
BR3.5	Includes disassembly, cleaning and greasing of caliper, plus installation of pads and clearance adjustment.
BR3.6	Includes installing caliper, rotor, lever, and line. Add bleeding surcharge if new brake is dry or needs bleeding. Add wheel building charge if hub is not disc-brake compatible. NOTE: Add derailleur adjustment charges for integrated brake/shift levers.
BR3.7	Includes disassembling caliper & master cylinder, cleaning, labor for parts replacement, reassembly, bleeding, and adjustment.
BR3.8	Includes labor for clearing old fluid and air from existing system. Add surcharge if replacing or sizing line.
BR3.9	Apply to BR3.6 or BR3.8. Add BR3.8 surcharge (bleeding), if performing installation of pre-bled hydraulic brake.
BR3.91	Apply to brake installation or brake adjustment (except brakes with Avid CPS alignment system) to improve alignment of pads to rotor. Includes wheel and caliper removal, milling, wheel and caliper installation.
BR4	Installing Rotor systems involves headset overhaul, and quite often disconnecting and reconnecting the front brake.
ASSEMBLY SERVICE and PACKING SERVICE	
AP1	A fixed rate cannot be assigned when the design of the bicycle is done by the customer because of the likelihood that some incompatible components have been selected.
AP2	Rating this job is difficult because the extent of disassembling done to get the bike in the box, and the condition of the bike before it was disassembled are both unknown. A good alternative is a Level 1 Tune-Up so any pre-existing conditions can be addressed within the estimate. Otherwise, have the customer sign-off that they are responsible for any pre-existing conditions.
AP3	Based on extensive use of protective materials on frame tubes, blocking of the fork blades, cable disconnection as needed, and fully securing all loose parts in the box. Additional charges might need to be applied due to the nature of accessories that may need to be removed, and to cover the cost of the box if desired.

DERAILLEUR SERVICE and SHIFT SYSTEM SERVICE		Price	Units
DS1	Adjust Front Non-indexing Derailleur	\$13.00	0.22
DS2	Install Front Non-indexing Derailleur	\$15.00	0.25
DS3	Adjust Front Indexing Derailleur	\$18.00	0.30
DS4	Install Front Indexing Derailleur	\$22.00	0.37
DS5	Adjust Rear Non-indexing Derailleur	\$14.00	0.23
DS6	Install Rear Non-indexing Derailleur	\$17.00	0.28
DS7	Adjust Rear Indexing Derailleur	\$16.00	0.27
DS8	Install Rear Indexing Derailleur	\$19.00	0.32
DS9	Overhaul Rear Non-indexing Derailleur (includes derailleur R&R)	\$32.00	0.53
DS10	Overhaul Indexing Rear Derailleur (includes Derailleur R&R)	\$34.00	0.57
DS11	Install Down Tube or Thumbshifters	\$14.00	0.23
	Install Handlebar End Shifter Set		
DS12.1	With handlebar re-taping	\$29.00	0.48
DS12.2	With foam grip installation	\$46.00	0.77
DS13	Install Drop-Bar Integrated Brake/Shift lever (one side)	\$40.00	0.67
DS14	Install Flat-Bar Integrated Brake/Shift lever on bike with rim brakes (one side)	\$35.00	0.58
DS15	Install Flat-Bar Integrated Brake/Shift lever on bike with mechanical disc brakes (one side)	\$35.00	0.58
DS16	Install Flat-Bar Integrated Brake/Shift lever on bike with hydraulic disc brakes (one side)	\$67.00	1.12
DS17	Overhaul Campagnolo Ergopower lever (one side)	\$68.00	1.13
DS18	Overhaul SRAM DoubleTap lever (one side)	\$63.00	1.05
DS19	Adjust Internal-Gear Hub Control	\$8.00	0.13
DS20	Install and Adjust Internal-Gear Hub Cable	\$15.00	0.25
DS21	Install Internal-Gear Hub Lever Only, & Adjust	\$4.00	0.07

CHAIN SERVICE, CASSETTE SERVICE, & FREEWHEEL SERVICE		Price	Units
CF1	Size and/or Install Chain	\$4.00	0.07
CF2	Install Link	\$4.00	0.07
CF3	Remove, Clean, and Install Chain	\$10.00	0.17
CF4	Remove Freewheel (thread-on type) or Cassette from Wheel	\$3.00	0.05
	Install Replacement Freewheel/Cassette		
CF5.1	On derailleur bike	\$15.00	0.25
CF5.2	On non-derailleur bike	\$4.00	0.07
CF6	Remove, Clean, & Install Freewheel/Cassette	\$9.00	0.15
CF7	Freewheel/Cassette Cogs: replace existing cogs	\$7.00	0.12
CF8	Build Custom Freewheel	\$13.00	0.22

DERAILLEUR SERVICE and SHIFT-SYSTEM-SERVICE

DS1	Includes setting proper height and rotation of derailleur; lubrication of derailleur pivots; removing, inspecting, replacing if necessary, and lubing cables; sizing and trimming housings; securing, lubricating, and positioning shift levers; alignment of chainrings not requiring removal of the chainrings or crankarm; adjustment of limit screws.
DS2	In addition to DS1 this includes verifying derailleur capacity matches gears and opening the derailleur cage or chain to allow installation of the chain in the cage.
DS3	Same as DS1, but includes setting cable tension for proper index function.
DS4	Same as DS2, but includes setting cable tension for proper index function.
DS5	Includes aligning derailleur hanger; lubrication of derailleur pivots and pulley wheels; removing, inspecting, replacing if necessary, and lubing cables; sizing and trimming housings; securing, lubricating, and positioning shift levers; checking chain length; adjusting limit screws and derailleur positioning screws.
DS6	In addition to DS5 this includes verifying derailleur capacity matches gears and opening the derailleur cage or chain to allow installation of the chain in the cage.
DS7	Same as DS5, but includes setting cable tension for proper index function.
DS8	Same as DS6, but includes setting cable tension for proper index function.
DS9	Remove derailleur, disassemble and clean, lubricate, install, and adjust; includes same cable and lever work as DS5.
DS10	Same as DS9, but includes setting cable tension for proper index function.
DS11	Includes installation of shifter set and set-up and attachment of cables only; addition of derailleur adjustment charges will be necessary if original derailleurs are out of adjustment, or if a new derailleur is also being installed.
DS12.1	Same as DS11, but with charges for wrapping handlebars.
DS12.2	Same as DS11, but with charges for installing foam grips.
DS13	For one side. Includes installing lever, taping bar, installing shift cable, full derailleur adjustment, installing brake cable, and adjusting brake-pad clearance. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS14	For one side. Includes installing lever, grip R&R, installing shift cable, full derailleur adjustment, installing brake cable, and adjusting brake-pad clearance. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS15	For one side. Includes installing lever, grip R&R, installing shift cable, full derailleur adjustment, installing brake cable, and adjusting brake-pad clearance. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS16	For one side. Includes installing lever, grip R&R, installing shift cable, full derailleur adjustment, installing hose, and filling/bleeding system. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS17	For one side. Includes removing brake and derailleur cables, removing brake-lever blade, removing assembly from handlebar, disassembly/cleaning/assembly of shift internals, installing shift cable, full derailleur adjustment, installing brake cable, and adjusting brake-pad clearance. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS18	For one side. Includes removing brake and derailleur cables, removing brake-lever blade, removing assembly from handlebar, disassembly/cleaning/assembly of shift internals, installing shift cable, full derailleur adjustment, installing brake cable, and adjusting brake-pad clearance. NOTE: Add full brake-adjustment charge if pads need replacement or any other brake service is needed!
DS14	Includes setting cable adjuster, and installing new indicator-chain/bell-crank/click-box assembly if necessary.
DS15	Includes installing cable, setting cable adjuster, and installing new indicator-chain/bell-crank/click-box assembly if necessary.
DS16	Applied when cable does not need to be removed or replaced in order to replace a damaged shift lever.

CHAIN SERVICE, CASSETTE SERVICE, & FREEWHEEL-SERVICE

CF1	Includes installing a new chain to proper size, or changing size of an already installed chain.
CF2	Applicable when installing a new master link, but not changing the size of the chain.
CF3	Can be added to installation of new chain if original lubricants need to be replaced.
CF4	Generally applied as an over-the-counter charge when a customer brings in a wheel and wants the freewheel or cassette removed as the only work.
CF5.1	Includes removal and installation, minor adjustments of derailleur limit screws, and setting of cable tension. Does not include re-spacing hub to fit a freewheel with more gears (add hub adjustment and wheel truing charges) or re-sizing chain.
CF5.2	Applicable on BMX freestyle; if new freewheel has different number of teeth, add CF1.
CF6	Includes removal and re-installation of wheel and may be discounted if the wheel is already off the bike.
CF7	Applicable when replacing worn cogs with same cogs, including on freehubs.
CF8	Applicable when changing cog sizes, positions, and required spacers. Some changes may require derailleur adjustments, then add DS5 or DS7.

WHEEL SERVICE		Price	Units
	True Wheel		
WL1.1	Front, minor	\$13.00	0.22
WL1.2	Rear, minor	\$13.00	0.22
WL1.3	Front, major	\$36.00	0.60
WL1.4	Rear, major	\$36.00	0.60
WL2	Surcharge for repairing minor wheel damage	\$21.00	0.35
	Build Symmetrical Flange Wheel (Fronts, except with disc brake)		
WL3.1	With wheel and tire R&R	\$52.00	0.87
WL3.2	With tire R&R only	\$49.00	0.82
WL3.3	With no wheel and tire R&R	\$46.00	0.77
	Build Asymmetrical Flange Wheel (All rear hubs. front disc hubs)		
WL4.1	With wheel, frwhl. and tire R&R	\$67.00	1.12
WL4.2	With freewheel and tire R&R only	\$63.00	1.05
WL4.3	With freewheel R&R only	\$60.00	1.00
WL4.4	With no wheel, freewheel, or tire, R&R required.	\$52.00	0.87
WL5	Aero Spoke Surcharge to All True Wheels and Build Wheels Above	\$15.00	0.25
WL6	Wheelsmith Spoke Prep Surcharge on All Build Wheels Above	\$10.00	0.17
WL7	Tubular Tire Installation Surcharge on All Build Wheel With Tire R&R	\$39.00	0.65
	Install Replacement Rear Wheel		
WL8.1	With stock wheel	\$18.00	0.30
WL8.2	With modifications to make stock wheel fit	\$40.00	0.67
	Install Replacement Front Wheel		
WL9.1	With stock wheel	\$12.00	0.20
WL9.2	With modifications to make stock wheel fit	\$17.00	0.28

WHEEL SERVICE

WL1.1	Includes adjusting lateral true, radial true, centering, and tension average. Not applicable if spokes need replacement, nipples are damaged or corroded, rim is damaged, or the degree of true errors are in the worse half of the normal range.
WL1.2	Includes adjusting lateral true, radial true, centering, and tension average. Not applicable if spokes need replacement, nipples are damaged or corroded, rim is damaged, or the degree of true errors are in the worse half of the normal range.
WL1.3	Includes adjusting lateral true, radial true, centering, tension average and tension balancing. Applicable when a spoke or two needs replacement, nipples are corroded or damaged, and/or when degree of true error(s) is in the worse half of normal range. If rim is damaged (and possibly repairable), or numerous spokes need replacement due to damage, add WL2.
WL1.4	Includes adjusting lateral true, radial true, centering, tension average and tension balancing. Applicable when a spoke or two needs replacement, nipples are corroded or damaged, and/or when degree of true error(s) is in the worse half of normal range. If rim is damaged (and possibly repairable), or numerous spokes need replacement due to damage, add WL2.
WL2	Applicable if rim has minor repairable damage, if multiple spokes have been damaged and are being replaced, or if multiple nipples need replacement due to damage or corrosion. CAUTION: REPAIRABILITY OF RIM DAMAGE IS DIFFICULT TO ASSESS WITHOUT ACTUALLY ATTEMPTING THE REPAIR. IF USING THIS SURCHARGE, THE SHOP OR CUSTOMER MUST AGREE IN ADVANCE TO THE RISK OF ATTEMPTING RIM REPAIR WITHOUT SUCCESS! A DAMAGED RIM CAN ONLY BE CONSIDERED SUCCESSFULLY REPAIRED IF BOTH THE TRUE TOLERANCES ARE IN THE ACCEPTABLE RANGE **AND** THE SPOKE TENSIONS ARE RESPECTABLY UNIFORM.
WL3.1	Includes cutting of old spokes, selecting spoke length, lacing spoke to rim, and all aspects of truing; does not include R&R of wheel, tire, or freewheel.
WL3.2	Same as WL3.1, but applicable when the wheel is supplied off the bike, or if it is off the bike within the context of an additional repair job; tire removal and installation is included.
WL3.3	Same as WL3.1, but applicable when there is no tire or bike involved.
WL4.1	Includes cutting out old spokes, selecting spoke length, lacing spokes to rim, and all aspects of truing; applicable when the wheel starts out installed, and ends up installed on the bike.
WL4.2	Same as WL4.1, but applicable when the tire and freewheel require R&R for no other reason than to build the wheel, but the wheel is supplied off the bike, or if it is off the bike within the context of an additional repair job.
WL4.3	Same as WL4.1, but applicable when the freewheel requires R&R for no other reason than to build the wheel, but the wheel is supplied off the bike with the tire removed, or the wheel and tire are removed within the context of another repair job.
WL4.4	Same as WL4.1, but applicable when the wheel starts and finishes bare of a tire and freewheel, and does not end up installed on the bike.
WL5	Added to any WL3 or WL4 job when building with non-round spokes to compensate for the extra effort of aligning the plane of the spokes parallel to the plane of the wheel.
WL6	Added to any WL3 or WL4 job when building with WheelSmith spoke prep to compensate for the extra effort of applying the compound to the threads.
WL7	Added to WL3.1, WL3.2, WL4.1, WL4.2 to compensate for the extra effort of gluing on a tubular tire compared to a clincher installation. Not a tubular tire installation (see Tires and Tubes).
WL8.1	Applicable when the shop's stock replacement wheel is an adequate match to the original hub's freewheel space dimension and overall locknut width; includes tire R&R, freewheel R&R, minor derailleur limit screw adjustment, and cable tension adjustment.
WL8.2	Applicable when the shop's stock replacement wheel must have the hub spacing modified to match the customer's original freewheel and frame; includes re-spacing the hub, centering adjustment, centering the rim to the hub after re-spacing, tire R&R, freewheel R&R, minor derailleur limit screw adjustment, and cable tension adjustment.
WL9.1	Applicable when the shop's stock replacement wheel is an adequate match to the original hub's overall locknut width; includes tire R&R.
WL9.2	Applicable when the shop's stock replacement wheel must have the hub spacing modified to match the customer's original fork width; includes tire R&R.

HEADSET SERVICE		Price	Units
HD1	Adjust Headset (threaded and threadless)	\$10.00	0.17
Overhaul Headset/Replace Headset Bearings			
HD2.1	Loose-ball headset (includes Campagnolo Hiddenset)	\$31.00	0.52
HD2.2	Chris King style headset (serviceable cartridge bearings)	\$26.00	0.43
HD2.3	Cartridge-bearing "concealed" headset (not types with pressed-fit bearings)	\$20.00	0.33
HD3	Surcharge to Repair Damaged Threads	\$5.00	0.08
HD4	Install Replacement Headset (non-concealed)	\$40.00	0.67
HD5	Install New Headset in Bare Frame	\$14.00	0.23
HD6	Mill Head Tube and Fork Crown (separate or as add-on to install headset)	\$31.00	0.52
HD7	Mill Fork Crown Only	\$10.00	0.17
HD8	Mill Head Tube Only	\$21.00	0.35
HD9	Surcharge to Hand File Chrome Off Tube Faces Before Facing		Hourly

FORK SERVICE		Price	Units
FK1	Align Fork	\$10.00	0.17
FK2	Align Fork, Including R&R	\$45.00	0.75
FK3	Cut Steering Tube to Length	\$10.00	0.17
FK4	Install Replacement Fork (includes cutting steering tube, alignment, and minor brake adjustment)	\$60.00	1.00
Surcharges to Install Replacement Fork			
FK5.1	Mill fork crown	\$10.00	0.17
FK5.2	Major brake adjustment	\$22.00	0.37
FK5.3	Add threads to steering tube		Hourly

HEADSET SERVICE

HD1	Includes precision adjustment of race and securing of locknut or stem. Includes external inspection for damage or wear. Includes stem and wheel R&R if necessary.
HD2.1	Includes disassembly, cleaning, inspection, installing loose balls, greasing, and adjustment. Includes stem and wheel R&R, but no pressed race removal.
HD2.1	Includes disassembly, cleaning, inspection, greasing, and adjustment. Includes stem and wheel R&R, but no pressed race removal.
HD2.2	Includes disassembly, cleaning, installing new cartridge bearings, and adjustment. Includes stem and wheel R&R, but no pressed race removal.
HD3	Added to HD2 when previously damaged threads prevent easy installation of threaded headset parts; includes chasing existing threads with tap, but not adding new threads.
HD4	Same as HD2, but includes R&R of all three pressed races.
HD5	Applicable on a new frameset when being sold with a headset installed.
HD6	For improving or changing press fit tolerances and race alignment.
HD7	Applicable when the only reason for milling is to improve fit.
HD8	Applicable when improving race/bearing alignment, but fork is not being milled, or when the only reason for milling is to improve fit.
HD9	No flat rate can be applied because of widely variable chrome thickness.

FORK SERVICE

FK1	Applicable when the fork is already out of the bike for another reason. Includes aligning the blades so that the dropouts are centered, the correct inside width for the wheel, and aligned fore and aft. Does not include steerer tube alignment (not recommended to perform).
FK2	Same as FK1, but applicable when the fork needs to be removed only for the purpose of alignment; includes R&R of stem and wheel, and overhaul of headset.
FK3	Applicable when the fork is already out of the bike for another reason, and must be shortened; if new threads need to be cut, add FK5.3.
FK4	Includes normal steering tube sizing, matching fork width to hub, and R&R of brake including minor adjustment.
FK5.1	Add to FK4 when the fork crown race is not a proper fit to the fork.
FK5.2	Add to FK4 when the new fork changes the brake adjustment dramatically (particularly with pivot-stud-mounted types such as V-brakes (linear pull), cantilevers, U-brakes, and rollercams).
FK5.3	Add to FK4 when stock replacement fork does not have enough thread; absorb cost if problem is created by shop's poor inventory; flat rate cannot be applied because amount of thread to be added is too variable.

SUSPENSION FORK SERVICE		Price	Units
NOTE: Always select Slider Service, then select a service for each leg, based on the primary spring or damper technology in that leg. Select Bushing Service also, if bushings may be replaced.			
SF1.1	Slider Service	\$45.00	0.75
SF1.5	Bushing Service	\$20.00	0.33
Services for spring leg(s)			
SF2.1	Coil spring w/ no air preload	\$10.00	0.17
SF2.2	Coil spring w/ air preload	\$15.00	0.25
SF2.3	Single-seal air spring (single air valve with coil negative spring or no negative spring)	\$15.00	0.25
SF2.2	Coil spring integrated into damper cartridge	N/C	
SF2.3	Air spring with external travel adjustment	\$30.00	0.50
SF2.4	Multiple-seal air spring (any multiple-valve air spring or any spring with negative air, with or without dual valves)	\$25.00	0.42
Services for damper leg(s)			
SF3.1	Rebound-only in-leg (non-cartridge) damper	\$12.00	0.20
SF3.2	Compression-only in-leg (non-cartridge) damper	\$12.00	0.20
SF3.3	Dual-mechanism in-leg (non-cartridge) damper	\$17.00	0.28
NOTE: Dual-mechanism is any in-leg damper with more than just a stanchion cap in top end of the stanchion.			
SF3.4	Dual-mechanism in-leg (non-cartridge) damper w/ remote control	\$24.00	0.40
SF3.5	Non-rebuildable cartridge damper	\$20.00	0.33
SF3.6	Rebuildable cartridge damper (no bleed required)	\$28.00	0.47
SF3.7	Rebuildable cartridge damper (bleed required)	\$34.00	0.57
SF3.8	Remote control surcharge (add to any damper cartridge with remote feature)	\$10.00	0.17

SUSPENSION FORK SERVICE

SF1.1	Not a stand alone service! Includes fork removal and installation (including headset adjustment). Includes slider removal, cleaning, internal and external slider inspection, external stanchion inspection, replacement of seals, and reassembly. Includes putting oil in both legs (charges for oil not included).
SF1.5	Not a stand alone service! Includes removal and installation of all four bushings.
SF2.1	Includes removing stanchion cap and coil spring, cleaning and greasing spring, and installation of spring and stanchion cap.
SF2.2	Not a stand alone service! Includes leak inspection, depressurization, stanchion cap and coil spring removal, piston-assembly removal, piston-seal replacement, rebuild, and final pressure check.
SF2.3	Not a stand alone service! Not applicable for any spring that has a seal at the bottom of the stanchion! Includes leak inspection, depressurization, stanchion cap removal, piston-assembly removal, coil spring removal and cleaning (if any), piston-seal replacement, rebuild, and final pressure check.
SF2.2	No charge item! Typically found on some Marzocchi damper cartridges. Spring is removed as part of cartridge service, so spring charge not needed for this fork leg.
SF2.3	Not a stand alone service! Includes disconnecting any remote, disassembly/cleaning/inspection of all parts in stanchion, replacement of all seals (pistons, seal heads, and stanchion cap), rebuild, and final pressure check. Includes any setup of remote control.
SF2.4	Not a stand alone service! Includes leak inspection, depressurization, disassembly/cleaning/inspection of all parts in stanchion, replacement of all seals (pistons, seal heads, and stanchion cap), rebuild, and final pressure check.
SF3.1	Not a stand alone service! Includes removing stanchion cap, removing damper assembly from bottom of stanchion, cleaning, inspection, piston-ring replacement, bottom cap replacement (or bottom seal replacement).
SF3.2	Not a stand alone service! Includes removing stanchion cap, removing damper assembly from bottom of stanchion, cleaning, inspection, piston-ring replacement, bottom cap replacement (or bottom seal replacement).
SF3.3	Not a stand alone service! Includes removing stanchion-cap/top-damper assembly, removing damper assembly from bottom of stanchion, cleaning, inspection, piston-ring replacement, bottom cap replacement (or bottom seal replacement), and reassembly.
SF3.4	Not a stand alone service! Includes disconnecting remote, removing stanchion-cap/top-damper assembly, removing damper assembly from bottom of stanchion, cleaning, inspection, piston-ring replacement, bottom cap replacement (or bottom seal replacement) and reassembly. Includes setup of remote.
SF3.5	Not a stand alone service! Remove cartridge from stanchion, remove stanchion cap from cartridge, remove any integrated coil spring, remove adjusting rod, purge cartridge of oil and cycle fresh oil through it, assemble cartridge, and install cartridge to stanchion.
SF3.6	Not a stand alone service! Remove cartridge from stanchion, disassemble cartridge to point all seals and piston rings are accessible, clean and inspect parts, replace all seals and piston rings, rebuild cartridge (including oil fill) and install to stanchion.
SF3.7	Not a stand alone service! Remove cartridge from stanchion, disassemble cartridge to point all seals and piston rings are accessible, clean and inspect parts, replace all seals and piston rings, rebuild cartridge (including oil fill and bleed) and install to stanchion.
SF3.8	Not a stand alone service! Add any time a remote control mechanism is part of a damper cartridge. Includes disconnecting cable, replacing cable as needed, installation and adjustment of cable.

REAR SHOCK SERVICE and REAR LINKAGE SERVICE		Price	Units
Air-spring seal replacement only			
SL1.1	Fox Float spring service (all models)	\$40.00	0.67
SL1.2	RockShox Ario/Bar/MC3/Pearl spring service	\$33.00	0.55
SL1.3	Manitou spring service (models w/o piggyback only; piggyback models require comple overhaul to service spring)	\$38.00	0.63
SL1.4	Manitou complete o'haul (models w/o piggyback)	\$95.00	1.58
SL1.5	Manitou complete o'haul (models w/ piggyback)	\$105.00	1.75
Coil spring shocks			
SL2.1	Coil replacement only (all brands)	\$18.00	0.30
SL2.2	Manitou coil shock rebuild	\$88.00	1.47
SL3	Rear Shock Installation/Replacement	\$15.00	0.25
SL3.1	Surcharge for replacing eyelet bushings (both)	\$18.00	0.30
SL4	Rear Linkage Pivot Service (per bearing or bushing)	\$10.00	0.17

FRAME SERVICE		Price	Units
FR1	Align Centering and Width of Rear Dropouts (frame ready w/o bottom bracket and rear wheel)	\$16.00	0.27
FR2	Align Centering and Width of Rear Dropouts (includes R&R of bottom bracket and rear wheel)	\$53.00	0.88
FR3	Align Dropouts	\$5.00	0.08
FR4	Align Right Rear Dropout Damaged by Shifting Derailleur into Spokes (includes hanger alignment)	\$20.00	0.33
FR5	HeliCoil Rear Derailleur Hanger	\$20.00	0.33

REAR SHOCK SERVICE and REAR LINKAGE SERVICE

SL1.1	Includes R&R shock, canister disassembly, seal kit installation, cleaning, inspection and labor for replacement of all parts.
SL1.2	Includes R&R shock, canister disassembly, seal kit installation, cleaning, inspection and labor for replacement of all parts.
SL1.3	Includes R&R shock, canister disassembly, seal kit installation, cleaning, inspection and labor for replacement of all parts.
SL1.4	Includes R&R shock, full disassembly, seal kit installation, cleaning, inspection and labor for replacement of all parts.
SL1.5	NOTE: This shock requires damper rebuild to service air seals! Includes R&R shock, disassembly, cleaning, inspection and labor for replacement of all parts.
SL2.1	Includes R&R of shock, spring R&R, external cleaning, inspection and labor for replacement of all parts.
SL2.2	Includes R&R of shock, removing canister, replacing air-piston seals and replacing canister seals.
SL3	Includes removal, installation, and setting sag (with rider on bike).
	Add on to any shock service. Based on condition that shock is not installed.
SL4	Per bushing or bearing. Includes removal of existing pivot bushings or bearing cartridges, cleaning, and installation of pivot bushings or bearings.

FRAME SERVICE

FR1	Correct centering and width errors of the rear dropouts. Applicable when bottom bracket and rear wheel are out; not for repair of damaged frames, but for the purpose of correcting poor manufacturer alignments; not a charge for doing a full frame table prep, but simply for stringing a frame or using the Park #FAG-2.
FR2	Same as FR1, but includes charges for R&R of bottom bracket and rear wheel.
FR3	Applicable as a separate charge, or as an add-on to FR1 and FR2.
FR4	Includes closing down spread-open axle slot, aligning dropouts to each other, and aligning derailleur hanger.
FR5	Includes drilling, tapping, and inserting helicoil.

HUB SERVICE		Price	Units
Adjust Front Hub			
HU1.1	Without wheel R&R	\$4.00	0.07
HU1.2	With wheel R&R	\$5.00	0.08
Adjust Rear Freewheel Type Hub			
HU2.1	Without wheel or freewheel R&R	\$4.00	0.07
HU2.2	With freewheel R&R only	\$6.00	0.10
HU2.3	With wheel and freewheel R&R	\$8.00	0.13
Overhaul Front Hub			
HU3.1	Without wheel R&R	\$26.00	0.43
HU3.2	With wheel R&R	\$28.00	0.47
Overhaul Rear Freewheel Type Hub			
HU4.1	Without wheel or freewheel R&R	\$26.00	0.43
HU4.2	With freewheel R&R only	\$29.00	0.48
HU4.3	With wheel and freewheel R&R	\$31.00	0.52
Overhaul Freehub (Includes cleaning or replacing freewheel mechanism)			
HU5.1	Without wheel R&R	\$42.00	0.70
HU5.2	With wheel R&R	\$45.00	0.75
Overhaul Front Hub w/ Cartridge Bearings (Parts additional)			
HU6.1	Without wheel R&R	\$7.00	0.12
HU6.2	With wheel R&R	\$9.00	0.15
Overhaul Rear Hub w/ Cartridge Bearings (Parts additional)			
HU7.1	Without wheel or freewheel/cassette R&R	\$30.00	0.50
HU7.2	With freewheel/cassette R&R Only	\$36.00	0.60
HU7.3	With wheel and freewheel/cassette R&R	\$38.00	0.63
Overhaul Coaster Brake Hub			
HU8.1		\$32.00	0.53
HU8.2		\$34.00	0.57
Replace internals assembly, SRAM/Shimano			
HU8.3	Without wheel R&R	\$15.00	0.25
HU8.4	With wheel R&R	\$21.00	0.35
Overhaul Internally-Geared Hub			
HU9.1	Without wheel R&R	\$69.00	1.15
HU9.2	With wheel R&R	\$75.00	1.25

HUB SERVICE

HU1.1	Includes precision adjustment, adjustment of axle protrusions, and securing of locknuts on both sides. Applicable when the wheel is provided off the bike, or wheel R&R is done within the context of another repair job.
HU1.2	Same as HU1.1, but includes wheel R&R.
HU2.1	Includes precision adjustment, adjustment of axle protrusions, and securing of locknuts on both sides. Applicable when the wheel is provided off the bike and without a freewheel, or the wheel and freewheel R&R is done within the context of another repair job.
HU2.2	Same as HU2.1, but includes R&R of freewheel. Applicable when wheel is provided off the bike, but with freewheel, or wheel removal is done within the context of another repair job.
HU2.3	Same as HU2.1, but includes R&R of wheel & freewheel.
HU3.1	Includes complete disassembly of hub, including axle set, cleaning, inspection of all parts, fresh grease and ball bearings, re-assembly, precision adjustment, and securing of all locknuts. Applicable when wheel is provided off the bike, or removal is done within the context of another repair job.
HU3.2	Same as HU3.1, but includes R&R of wheel.
HU4.1	Includes complete disassembly of hub, including axle set, cleaning, inspection of all parts, fresh grease and ball bearings, re-assembly, precision adjustment, and securing of all locknuts. Applicable when wheel is provided off the bike without the freewheel, or removal of the wheel and freewheel are done within the context of another repair job.
HU4.2	Same as HU4.1, but applicable when the wheel is provided off the bike or is done within the context of another repair job, but the freewheel needs to be removed just for the purpose of overhauling the hub.
HU4.3	Same as HU4.1, but includes R&R of the wheel and freewheel.
HU5.1	Same as HU4.1, but includes removing and cleaning freehub mechanism and cassette, or replacement of freehub mechanism as a unit. Applicable when the wheel is provide off the bike, or when wheel R&R is done within the context of another repair job.
HU5.2	Same as HU5.1, but applicable when wheel R&R is required just to complete the hub overhaul.
HU6.1	Includes axle set removal and disassembly, cartridge bearing removal and installation, cleaning, axle set assembly and installation, and set-up. Applicable when the wheel is provide off the bike, or wheel R&R is done with the context of another repair job.
HU6.2	Same as HU6.1, but includes wheel R&R.
HU7.1	Same as HU6.1, plus bearing replacement in freehub body (total of four bearings). May be less if only two bearings are being replaced. Applicable when the wheel is provided off the bike without cassette/freewheel, or wheel and cassette/freewheel R&R is done within the context of another repair job
HU7.2	Same as HU7.1, plus freewheel/cassette cleaning. Applicable when the wheel is provided off the bike, but with freewheel on, or the wheel R&R is done within the context of another repair job.
HU7.3	Same as HU7.2. Applicable when wheel and freewheel/cassette R&R are required just to overhaul the hub.
HU8.1	Applicable when the wheel is provided off the bike, or wheel R&R is done within the context of another repair job; includes attachment and adjustment of cable.
HU8.2	Includes wheel R&R.
HU8.3	Includes removing and installing assembly, cleaning hub shell, and adjusting bearing.
HU8.4	Includes removing wheel, removing and installing assembly, cleaning hub shell, adjusting bearing, installing wheel, and attaching/adjusting cable.
HU9.1	Applicable when the wheel is provided off the bike, or wheel R&R is done within the context of another repair job; includes attachment and adjustment of cable.
HU9.2	Includes wheel R&R and attachment and adjustment of cable.

BOTTOM BRACKET SERVICE		Price	Units
	Adjust Loose-Ball Bottom Bracket		
BB1.1	Without arm removal	\$7.00	0.12
BB1.2	With arm R&R (both)	\$12.00	0.20
BB2	Overhaul or Replace Loose-Ball Bottom Bracket	\$33.00	0.55
BB3	Overhaul or Replace Loose-Ball Bottom Bracket with Shell Tapping and Facing	\$59.00	0.98
BB4	Install Threaded Cartridge Bearing Bottom Bracket (conventional and external types)	\$17.00	0.28
BB4.5	Replace cartridge bearings in FSA/RaceFace/Shimano external type BB	\$27.00	0.45
BB4.6	Replace cartridge bearings for Campagnolo Ultra-Torque type crankset	\$20.00	0.33
BB5	Install Pressed-In Cartridge-Bearing Bottom Bracket (BMX and others)	\$41.00	0.68
BB6	Re-Tap Bottom Bracket Shell Threads	\$10.00	0.17
BB7	Tap and Face Bottom Bracket Shell	\$26.00	0.43
BB8	Surcharge to Hand File Chrome Shell Faces Before Facing		Hourly
BB9	Ream and Tap Bottom Bracket Shell to Convert Stripped Threads to Italian Thread	\$60.00	1.00

PEDAL SERVICE		Price	Units
	Install Pedals (Pair)		
PD1.1	Without toe clip installation	\$3.00	0.05
PD1.2	With toe clip installation	\$7.00	0.12
PD1.3	With toe clip R&R	\$10.00	0.17
PD2	Install toe Clips and Straps (Pair)	\$4.00	0.07
PD3	Adjust Pedal Bearing, Each	\$6.00	0.10
PD4	Overhaul Pedals, Pair	\$57.00	0.95
PD5	Overhaul Cartridge Bearing Pedals, Pair	\$50.00	0.83

CRANKSET SERVICE		Price	Units
	Install Chainrings on Crankarm		
CK1.1	With no change of large chainring size	\$9.00	0.15
CK1.2	With change of large chainring size (includes repositioning front derailleur)	\$15.00	0.25
CK2	Replace Left Square-taper/Spline Crankarm	\$3.00	0.05
	Replace Right Square-taper/Spline Crankarm		
CK3.1	With identical replacement	\$12.00	0.20
CK3.2	With non-identical replacement (includes front derailleur adjustment)	\$20.00	0.33
CK4	Install BMX 2-pc/3-pc Crankset	\$40.00	0.67
CK5	Repair Bent Crankarm, Including R&R	\$24.00	0.40
	Square-taper/Spline Crankarm R&R		
CK6.1	Normal removal	\$2.00	0.03
CK6.2	W/ chasing threads with Bicycle Research TC-8	\$4.00	0.07
CK6.3	Removal when remover threads are destroyed	\$7.00	0.12
CK6.4	Repair removal threads with Stein CES system	\$12.00	0.20
CK7	Replace Crankarm and/or Chainring Assembly Of One-Piece Crankset	\$33.00	0.55
CK8	Install New Square-taper, Spline, or 2-piece External Crankset	\$57.00	0.95
CK9	True Crankarm Spider Arms	\$10.00	0.17

BOTTOM BRACKET SERVICE

BB1.1	Secure the fixed cup, adjust the adjustable cup, and secure the locking. Applicable when the arms are removed within the context of another job, or when the bottom bracket type or tools allow adjustment without arm removal.
BB1.2	Same as BB1.1. Applicable when the crankarms are removed only for the purpose of facilitating bottom bracket adjustment.
BB2	Remove crank arms; remove adjustable cup, spindle and fixed cup; clean and inspect parts; install fixed cup with Loctite #242; assemble with fresh grease and balls; precision adjust and secure locking; reinstall crank arms. Conditions discovered during this procedure may lead to the addition of BB6 and BB7.
BB3	Same as BB2, but includes tapping and facing.
BB4	Covers Shimano, Race Face, Suntour, Mavic, Stronglight, Sugino, Phil Wood, Bullseye and Edco types; includes removal of old bottom bracket, and R&R of crank arms. Conditions discovered during this procedure may lead to the addition of BB6 and BB7.
BB4.5	Includes R&R of crankarms, R&R of BB assembly, removing old cartridge bearings and installing new bearings.
BB4.6	Includes R&R of crankarms, removing old cartridge bearings and installing new bearings.
BB5	Covers current BMX and older Fisher, Klein, and Fat Chance; special tools specific to one brand required in some cases; includes R&R of old bracket and arms.
BB6	Applicable to BB2 and BB4 when thread condition is poor, but no facing will be done.
BB7	Applied as a separate charge only when the customer will receive the bare frame.
BB8	Add to BB3 and BB7 when shell faces are chromed; no flat rate can be applied due to wide variables in chrome thickness.
BB9	Includes reaming out shell (special tool required), and tapping with Italian taps (WARNING: USE OF FINISHING TAPS TO CUT NEW THREADS CAN LEAD TO PREMATURE FAILURE OF THE TAPS).

PEDAL SERVICE

PD1.1	Applicable where no toe clips are used, or toe clips are pre-installed.
PD1.2	Applicable when no toe clips need removal, but toe clips are installed.
PD1.3	Applicable when toe clips are taken off a set of pedals and transferred to pedals to be installed.
PD2	Applicable when toe clips and straps are installed on pre-installed pedals; includes removal of old clips.
PD3	Applicable when pedal doesn't require removal to adjust; some models need pedal body secured in vise for adj., add PD1.1 in these cases
PD4	Remove, disassemble, clean, inspect, add fresh grease and balls, adjust bearings and reinstall pedals.
PD5	Includes R&R of pedals; applicable when bearings are simply replaced as a cartridge unit.

CRANKSET SERVICE

CK1.1	Does not include derailleur adjustment or crank arm R&R if required.
CK1.2	Includes front derailleur adjustment required by changing size of large chainring; does not include crankarm R&R, add CK6.1 if necessary and chain shortening if necessary. Does not include installing new longer chain.
CK2	Includes pedal and arm R&R.
CK3.1	Includes pedal, chainring, and arm R&R.
CK3.2	Same as CK3.1, but includes limit screw and cable adjustments required by chainrings being positioned further in or out; does not include changing derailleur height or resizing chain if the large chainring size changes (in this case add DS1 or DS3).
CK4	Remove old crank & BB, install new crank and BB (includes installing chainring). New chainring size requires adding install chain.
CK5	Recommended for steel arms only. Includes pedal and chainring R&R as required.
CK6.1	Applicable as an add-on charge to other jobs, or as an over-the-counter service to a customer.
CK6.2	Same as CK6.1.
CK6.3	Applicable as an add-on charge to CK2, CK3.1, and CK3.2 when the arm is to be replaced and the removal threads are completely destroyed. Applies to a variety of removal methods that might be employed requiring high leverage or impact.
CK6.4	Stein CES system works by tapping new over-size thread in arm, which then require installation of a CES one-key release (separate part charge), or use of Stein CES remover for all future removals. Due to combined expensive of labor and price of CES one-key release, this may only be applicable on arms that are expensive to replace, or difficult to find replacement due to unusual configuration or size.
CK7	Includes removal of crank, cones, locknuts, bearings, chainring/spider, and cups if to be replaced; includes complete re-assembly w/ new parts, fresh grease, and bearings. Doesn't include resizing chain or derailleur adj. as a consequence of installing different chainring(s).
CK8	Includes front der. adj., chainline & chain length adjustment. Includes bottom bracket replacement; does not include tapping and facing.
CK9	Covers attempting to true the chainring-mounting arms while on the bike.

STEM SERVICE and HANDLEBAR SERVICE		Price	Units
SH1	Tape Handlebar	\$15.00	0.25
SH2	Install Foam Grips on Drop Bars	\$25.00	0.42
SH3	Install Grips (BMX, MTB, etc.)	\$6.00	0.10
Install Stem on Road (Drop) Bars			
SH4.1	Non-breakaway Type (excludes recovering bars or resizing cables)	\$25.00	0.42
SH4.2	Breakaway Type (excludes recovering bars or resizing cables)	\$9.00	0.15
SH5	Install Stem on Drop Bars (as part of tune-up or overhaul, excludes any recovering of bars)	\$6.00	0.10
SH6	Install Drop Bars (excludes recovering bars)	\$32.00	0.53
SH7	Install Drop Bars (as part of tune-up or overhaul, excludes any recovering of bars)	\$12.00	0.20
Install Stem on MTB Bars			
SH8.1	Non-breakaway Type (includes R&R of grip, brake lever, and shift lever, but excludes cable resizing)	\$10.00	0.17
SH8.2	Breakaway Type (includes R&R of grip, brake lever, and shift lever, but excludes cable resizing)	\$9.00	0.15
SH9	Install MTB Bars (includes R&R of grips and levers excludes cable resizing)	\$18.00	0.30
SH10	Install BMX Stem (two part or hinged)	\$5.00	0.08
SH11	Install BMX Stem (hollow bolt with front brake cable routed through stem bolt, includes cable routed through stem bolt, includes front brake adjustment)	\$27.00	0.45
SH12	Install BMX Handlebars (includes R&R of grips and levers, but excludes cable resizing)	\$25.00	0.42
SH13	Shorten MTB Handlebars (includes R&R of grips and levers, includes resizing of all cables)	\$27.00	0.45
SH14	Shorten MTB Bars (as part of tune-up overhaul)	\$13.00	0.22
SH15	Hone Inside Of Fork to Improve Stem Fit	\$10.00	0.17
SH16	Ream Out Inside Of Stem (using expansion reamer to change fit to handlebars)	\$21.00	0.35
SH17	Remove Frozen Stem from Fork		Hourly
SH18	Install MTB Bar Extensions, External clamp (includes repositioning grips and levers)	\$13.00	0.22
SH19	Install MTB Bar Extensions, Internal clamp (includes trimmings ends off grips)	\$6.00	0.10
SH20	Install Aero Clip-On Handlebar Extensions (includes cutting away grip material and refinishing with friction tape)	\$14.00	0.23
SH21	Install Aero Clip-Ons With Shift Levers (includes cutting away grip material, refinishing w/ friction tape, installing shift levers on clip-ons, and adjusting both derailleurs)	\$45.00	0.75

STEM SERVICE and HANDLEBAR SERVICE

SH1	Includes removal of old covering, covers both sides.
SH2	Includes removal of old covering, covers both sides.
SH3	Includes removal of old grips, covers both sides.
SH4.1	Requires disconnecting one brake cable, removing one brake lever; recovering bars is an add-on due to the variety of choices the customer will have; length changes of the stem might require re-sizing all control cables, which could lead to additional brake and derailleur adjustment charges. Applicable if either original or replacement are non-breakaway type.
SH4.2	Applicable only if original and replacement are breakaway type. If stem length changes, resizing of brake and derailleur cables requires additional charges for all required brake and derailleur adjustments.
SH5	All control cable work is covered within the context of the maintenance package; recovering bars is an add-on.
SH6	Same as SH4, except that both sides of bar must be stripped.
SH7	All control cable work is covered within the context of the maintenance package; recovering bars is an add-on.
SH8.1	Add on brake and derailleur adjustment charges when changes of stem length require resizing cables, except as covered by maintenance package being performed at the same time. Applicable if either original or replacement are non-breakaway type.
SH8.2	If stem length changes, resizing of brake and derailleur cables requires additional charges for all required brake and derailleur adjustments. Applicable only if original and replacement are breakaway type.
SH9	Add-on brake and derailleur adjustment charges when changes of stem length require resizing cables, except as covered by maintenance package being performed at the same time.
SH10	Stem type requires no grip or lever removal.
SH11	Includes charges for front brake adjustment, since cable must be detached (which makes shop liable for brake performance).
SH12	Add-on brake adjustment charges needed if cables must be resized, unless covered by maintenance package being performed at the same time.
SH13	Applicable when shortening is done when no other related jobs are done.
SH14	Includes grip R&R and relocating levers; cable resizing covered by maintenance package being performed at same time.
SH15	Applied as an add-on anytime the stem is being removed and installed; does not include stem R&R.
SH16	Add-on to SH4 and SH8 when needed.
SH17	Unpredictable nature of job makes application of a flat rate impossible; when stem will not remove without being damaged, limit duration of job to be less than the value of replacing the fork.
SH18	Includes trimming ends off of closed end grips, moving in control levers, moving in grips, attaching handlebar extensions, but does not include resizing brake and derailleur control cables, as the amount of extra length created is not great. Additional charges must be added if cables are to be resized.
SH19	Includes trimming ends off closed end grips and installing handlebar extensions. No grips or levers need be repositioned.
SH20	Includes trimming handlebar cover material to expose handlebar for clip on clamps and using friction tape to refinish the handlebar tape where it has been trimmed. Includes any clip-on assembly, and attachment to the handlebars.
SH21	Same as SH20, but includes attachment of shift lever mount and shift levers, as well as adjusting both derailleurs.

SEAT SERVICE and SEATPOST SERVICE		Price	Units
SS1	Install Seat on Post	\$4.00	0.07
SS2	Install Juvenile Seat w/ Struts	\$17.00	0.28
SS3	Install Seatpost (includes seat R&R)	\$7.00	0.12
SS4	Hone/Rear Seat Tube to Improve Fit	\$27.00	0.45
SS5	Remove Frozen Seat Post		Hourly

ACCESSORY SERVICE		Price	Units
AC1	Install Bottle Cage, Braze-On Type	\$2.00	0.03
AC2	Install Bottle Cage, Strap Type	\$5.00	0.08
AC3	Install Rack, Braze-On Type	\$8.00	0.13
AC4	Install Rack, Clamp Mounts	\$12.00	0.20
AC5	Install Fenders (pair)	\$60.00	1.00
AC6	Install Child Carrier	\$30.00	0.50
AC7	Install Kickstand (includes sizing)	\$10.00	0.17
AC8	Install and Program One Sensor Computer	\$15.00	0.25
AC9	Install and Program Two Sensor Computer	\$30.00	0.50

SEAT SERVICE and SEATPOST SERVICE

SS1	Applicable to all clamp types.
SS2	Includes necessary rear axle nut removal.
SS3	Applicable with new or original saddle.
SS4	Add-on to SS3 or any maintenance package that includes seat post removal; High units needed to cover the wide range of need for improvement. Discount if appropriate.
SS5	Unpredictable range of difficulty makes application of a flat rate unsuitable.

ACCESSORY SERVICE

AC1	Includes removal of any old cage, usually no charge is applied if part of new bike sale.
AC2	Same as AC1.
AC3	Often installed at no charge as part of new bike sale.
AC4	Same as AC3.
AC5	High figure is required by difficult fender designs, possible conflicts with other installed accessories, and the fact that limitations of certain frames require modification of the fenders and the frame. Discount may be appropriate for simple models on simple bikes.
AC6	Does not include modifications if the bicycle the carrier is being installed on is not of a design anticipated by the child carrier manufacturer.
AC7	Assumes frame design is kickstand-use compatible.
AC8	May vary for some brands.
AC9	May vary for some brands.