

Row	Col	System	Components				
A	1	Brakes	Dome Nut	100%			
A	2	Brakes	Caliper Pivot-Bolt	100%			
A	3	Brakes	Caliper-Brake Barrel-Adjuster	50% (Second compartment for ones v	50%		
A	4	Brakes	Brake Anchor- Bolt & Nut	100%			
A	5	Brakes	Center-Pull Cable-Carrier	50% Transverse Cable	50%		
A	6	Brakes	Brake-Lever Ferrule	25% Seatpost Cable-Hanger	75%		
A	7	Brakes	Caliper Quick-Release	50% Wheel Guide	50%		
A	8	Drivetrain	Bottom-Bracket Lockring	100%			
A	9	Drivetrain	Bottom-Bracket Fixed-Cup	100%			
A	10	Drivetrain	Bottom-Bracket Adjustable-Cup	100%			
B	1	Brakes	Side-Pull Spring	50% Cantilever Spring	50%		
B	2	Brakes	Cantilever Cable-Unit	100%			
B	3	Brakes	Brake-Cable Pinch-Plate	33% Cantilever Pivot-Bolt	33% Cantilever Post	33%	
B	4	Brakes	Cantilever Alignment-Washer	50% Cantilever-Shoe Anchor-Bolt	50%		
B	5	Brakes	V-Brake Spherical-Washer	67% V-Brake Allen-Nut	33%		
B	6	Brakes	V-Brake Boot	50% V-Brake Cable-Lead	50%		
B	7	Bakes	Road-Lever-Clamp	100%			
B	8	Drivetrain	Chainring Spacer	50% Master Link	20% Track-Hub Lockring	30%	
B	9	Drivetrain	Chainring Bolt & Nut (Larger)	67% (Smaller size)	33%		
B	10	Drivetrain	Crank Retaining Bolt	33% Crank Retaining-Nut	33% Crank Dust-Cap	33%	
C	1	Brakes	Brakes Miscellaneous				
C	2	Brakes	Gyro	50% Headset Cable-Hanger	50%		
C	3	Brakes	Saddle Washer (Round)	50% (Square)	50%		
C	4	Brakes	Coaster-Brake Arm	50% Coaster-Brake Arm-Strap	50%		
C	5	Brakes	Lever Barrel-Adjuster	100%			
C	6	Brakes	Cable Clip	100%			
C	7	Drivetrain	Cassette Lockring	50% Cassette Spacer	50%		
C	8	Drivetrain	Sprocket, 11 Tooth	33% Sprocket, 12 Tooth	33% Sprocket, 13 Tooth	33%	
C	9	Drivetrain	Single-Piece-Crank Washer	33% Single-Piece-Crank Locknut	67%		
C	10	Drivetrain	Single-Piece-Crank Bearing	33% Single-Piece- Bottom-Bracket Co	67%		
D	1	Shifting	Rear-Derailer Hanger	50% Rear-Derailer Mounting-Bolt	50%		
D	2	Shifting	Front-Derailer Frame-Clamp	50% Down-Tube Cable-Stop	50%		
D	3	Shifting	Pulley Bolt	25% Pulley Thrust-Washer	25% Pulley Sleeve-Bear	25% Adapter Ni	25%
D	4	Shifting	Derailer Pulley	100%			
D	5	Steering	Stem Top-Cap (Threadless)	50% (Threaded)	50%		
D	6	Steering	Headset Seal	33% Headset Locknut	67%		
D	7	Steering	Headset Spacer	75% Headset Lockring	25%		
D	8	Drivetrain	Cotter Pin (8mm, 8.5,...?)	100%			
D	9	Drivetrain	Chain Link	67% Cartridge- Bottom-Bracket Left-	33%		
D	10	Drivetrain	Drivetrain Miscellaneous				
E	1	Shifting	Shifting Miscellaneous				

E	2	Shifting	Derailier Pinch-Plate	33%	Cable Pinch- Nut & Bolt	33%	Derailier Limit-Scre	33%
E	3	Shifting	Barrel-Adjuster with Spring	50%	(Same title but different variatic	50%		
E	4	Shifting	Cable Guide (One label for entire	80%	(Under Bottom-Bracket Cable Gu	20%		
E	5	Shifting	Down-Tube-Shifter Bracket	33%	Shift-Lever Compression-Washer	33%	Shift-Lever Wing-S	33%
E	6	Steering	Handlebar Plug	100%				
E	7	Steering	Stem Wedge	75%	Handlebar Binder-Bolt	25%		
E	8	Steering	Socket-Head Stem-Bolt	100%				
E	9	Steering	Hex-Head Stem-Bolt	100%				
E	10	Steering	Steering Miscellaneous					
F	1	Wheels	Axle Nut	100%				
F	2	Wheels	Axle Locknut	100%				
F	3	Wheels	Solid-Axle, Long	100%				
F	4	Wheels	Solid-Axle, Short	100%				
F	5	Wheels	Hollow-Axle, Long	100%				
F	6	Wheels	Spoke Nipple	100%				
F	7	Wheels	Freehub- Body & Retaining-Bolt	50%	Hollow-Axle, Short	50%		
F	8	Seats	Seatpost Binder-Bolt (Carriage t	50%	(Tube and socket style)	50%		
F	9	Seats	Quick-Release Seatpost-Clamp	100%				
F	10	Seats	Quick-Release Seat-Pin	100%				
G	1	Wheels	Wheels Miscellaneous					
G	2	Wheels	Cone 1 of 2	100%				
G	3	Wheels	Cone 2 of 2	100%				
G	4	Wheels	Axle Spacer	67%	Keyed Washer	33%		
G	5	Wheels	Valve Cap, Presta & Schrader	50%	Axle Seal	50%		
G	6	Wheels	Quick-Release Spring	33%	Quick-Release Acorn-Nut	33%	Hub Dust-Cap	33%
G	7	Wheels	Wheel Washer	50%	Valve Hardware	20%	Wheel Wing-Nut	30%
G	8	Seats	Small Bracket	100%				
G	9	Seats	Rack & Fender Hardware	100%				
G	10	Seats	Seats & Accessories Miscellaneous					
H	2	----Wheels	Quick-Release Skewer					
H	3	----Brakes	Caliper-Brake Pad					
H	4	----Brakes	Cantilever-Brake Pad					

General H/WCartridge Bearing

General H/WCaged Bearing

Name

Acorn Nut for Quick Release
Adapter Claw (also derailleur hanger)
Anchor Bolt (Brake, derailleur, etc..) Can have hole drilled through
Anti-rotation washer (For internal hubs...)
Binder Bolt (pinch bolt) seat posts, handlebars to stems and threadless stems
Boot (for V-Brakes)
Cable Carrier is a Yoke
Cable Guide
Cable Stop (Not housing stop)
Cleats
Fixing Bolt (Crank Bolt?)
Cable hanger (for center pull cables. Mounts to seat binder bolt shown in Barnetts)
Crown Race
Lower head race
Upper head race
Adjustable race
Keyed washer
Housing Stop
Idler
Jockey Pulley
Lockwasher (split, internal/external star)
Master Link
Caliper Brake Center Bolt
Quick Release Cam
Star Nut
Transverse Cable (**straddle** or crossover cable or link cable or bridge wire) for cantilever or center pull
Valve Cap
Shoe Fixing Nut (for v-brake)
V-brake cable lead (noodle)
Link fixing bolt & washer (for V-Brake to post)
Rubber seal vs Seal Ring?
Pulley Bolt (for derailleur)
Lever Boss Cover (downtube levers)
Outer Stopper (mounted to downtube for newer shifters)
Road Brake Clamp Band
Bottom Bracket Left Hand Adapter
Upper head cup housing
Lower head cup housing
Lower head cone housing
Upper head cone housing

Source

Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown & Barnett's
Sheldon Brown
Sheldon Brown & Barnett's (called yoke in <http://www.bikev>)
Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown & Barnett's
Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown
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Sheldon Brown
Sheldon Brown
Sheldon Brown
Sheldon Brown, Sutherlands, <http://www.bikewebsite.com/>
Sheldon Brown
EV-BR-M960-2141_v1_m56577569830609095.pdf
EV-BR-M960-2141_v1_m56577569830609095.pdf
EV-BR-M960-2141_v1_m56577569830609095.pdf
EV-HB-M750-1787_v1_m56577569830611904.pdf
EV-RD-M750-1796_v1_m56577569830611911.pdf
EV-SL-R400-1883_v1_m56577569830609217.pdf
SI_6J40B_002_En_v1_m56577569830686258.pdf
EV-BL-R600-1817_v1_m56577569830612671.pdf
EV-BB-ES25-2549_v1_m56577569830608715.pdf
EV-HP-7410-1379_v1_m56577569830610601.pdf
EV-HP-7410-1379_v1_m56577569830610601.pdf
EV-HP-7410-1379_v1_m56577569830610601.pdf
EV-HP-7410-1379_v1_m56577569830610601.pdf

Poster Order	Color	System	Name	Row	Col
1	Red	Brakes	70s Cantilever Brake Springs	B	6
2	Red	Brakes	Barrel Adjuster	A	7
3	Red	Brakes	Brake Lever Clamps	A	12
4	Red	Brakes	Brake Lever Clamp Nuts	B	9
5	Red	Brakes	Brake Lever Ferrules	A	1
6	Red	Brakes	Brake QRs	B	1
7	Red	Brakes	Brake Shoe Guides	B	8
8	Red	Brakes	Brake Spring Cases	A	10
9	Red	Brakes	Cable Guides	B	7
10	Red	Brakes	Caliper Brake Bolts	A	3
11	Red	Brakes	Caliper Brake Springs	A	5
12	Red	Brakes	Caliper Brake Washers	B	3
13	Red	Brakes	Cantilever Brake Shoe Mounts	B	4
14	Red	Brakes	Cantilever Brake Springs	B	5
15	Red	Brakes	Plastic Retainers for Cantilever	A	2
16	Red	Brakes	Recessed Brake Bolts and Nuts	A	4
17	Red	Brakes	Straddle Bridles	B	2
18	Red	Brakes	Straddle Cables	A	13
19	Red	Brakes	V-Brake Hardware	A	9
20	Red	Brakes	V-Brake Noodles	A	8
21	(None)	Misc	Cassette Guts	F	5
22	Black	Hardware	Chainring Bolts	C	5
23	Black	Hardware	Cotter Pins	C	1
24	Black	Hardware	Crank Bolts	C	6
25	Black	Hardware	Crank Nuts	C	2
26	Black	Hardware	Dust caps wheel and crank	C	4
27	Black	Hardware	Panhead Bolts (Small)	C	3
28	Blue	Axles	Axle Nuts	D	7
29	Blue	Axles	Axle Spacers	D	8
30	Blue	Axles	Hub Dust Covers	D	6
31	Blue	Axles	Lock Nuts	D	4
32	Blue	Axles	QR Springs	D	2
33	Blue	Axles	Sealed Bearings	D	1
34	Blue		Spoke Nipples	D	3
35	Blue		Valve Caps	D	5
36	Green	Cables	Cable Anchor Bolts and Claws	E	2
37	Green	Cables	Derailleur Clamps	E	3
38	Green		Derailleur Hanger Bolts and Spacers	E	4
39	Green	Cables	Frame Cable Guides	E	1
40	Green		Jockey Wheels	E	7
41	Green		Rear derailleur hardware	E	6
42	Purple	Shifter	Clamp on Shifter Boss	F	3
43	Purple	Shifter	Shifter Guts	F	2
44	Purple	Shifter	Shifter Lever Butterfly Bolt	F	1
45	Orange	Headset	Headset Dust Cap	G	1
46	Orange	Headset	Headset Spacers w/ Cable Stop	G	3
47	Orange		Pump and Fender Brackets	G	2

48 Orange	Headset	Threaded H-set Spacers	G	4
49 (None)	Misc	Seatpost Collar	E	14
50 (None)		Under B-B Cable Guides	D	10
51 (None)	Misc	Stem Wedge	F	4
52 (None)	Misc	Random Springs	H	4
53 Blue		Chain Links	F	6
54 (None)	Misc	Shims	G	6
55 (None)	Misc	Seat Post Quick Release	F	8
56 (None)		Capped Nuts/Wing Nuts	E	12
57 (None)	Misc	Cleats	G	11
58		Small Nuts	E	13
59 (None)	Misc	Star Washer	D	9
60 (None)	Cables	Used Shift Cable	G	14
61 (None)	Cables	Used mtn Brake Cable	G	15
62 (None)	Misc	Lamp clamps	F	10
63 (None)		Free Hub Bodies	G	10
64 Black	Hardware	Small Spacers	C	10
65 Red		Seat Binder Bolt	H	1
66 (None)	Misc	Single Speed/Freewheel	G	7
67 (None)		Fixed Gears	G	8
68 (None)		Cassette Pieces	E	15
69 Green		Bar End Plugs	E	11
70 (None)	Misc	Paints	F	12
N/A	(None)	(Cones)	A	11
N/A	(None)	(Bolts?)	B	11
N/A	(None)	(Small Cassette Sockets)	B	12
N/A	(None)	(Special washers/spacers?)	B	13
N/A	(None)	Caged Bearings	C	12
N/A	(None)	(Bolts)	C	13
N/A	(None)	5 MM Hardware	E	9
N/A	(None)	Seat Post Bolt	F	7
N/A	(None)	Bolts	G	12

Component	Size	Quantity	system
Pegs	L	E	accessories
Reflectors	L	F	accessories
Cantilever Brake Post	S	G	brakes
Cantilever Break Cable	M	E	brakes
Cantilever Breaks	L	F	brakes
Seatpost-Mount Centerpull Brake Cable Stops	S	E	brakes
Certpull Short Cable	M	G	brakes
Center Pull Breaks	L	F	brakes
Centerpull Brake Yoke	S	G	brakes
MTN Brake Barrel Adjuster	S	G	brakes
Side Pull Brake Barrel Adjusters	S	E	brakes
Sidepull Brake Barrel Adjuster Host Piece	S	G	brakes
Brake Axel	M	G	brakes
Brakes Springs	M	F	brakes
V-Brake Part	S	F	brakes
V-Brake Thing (Noodle)	S	E	brakes
Brake Aduster Parts	S	E	brakes
Brake Bolt	S	G	brakes
Brake Hardware	S	G	brakes
Brake Mount Wheel Guide	S	G	brakes
Dome Nuts	S	G	brakes
Dome Nuts #2	S	F	Brakes
Random Brake Stuff	S	F	brakes
Round Saddle Washers	S	F	brakes
Brake Pads	M	F	brakes
MTN Brake Levers	L	G	brakes
Road/Drop Levers	L	G	brakes
Side Pull Breaks	L	G	brakes
V-Brakes	L	F	brakes
Cable Housing Stops	S	E	cabling
Downtube Cable Guide	M	E	cabling
Tube Mounted Cable Guides	M	F	cabling
adjusting barrels			cabling
Fixed Cups	M	G	drivetrain
Bottom Bracket Adjustable Cups	M	G	drivetrain
Bottom Bracket Cable Guide	M	E	drivetrain
Bottom Bracket Lock Rings	M	G	drivetrain
Bottom Bracket Parts	M	G	drivetrain
Caged Bearings 3 Piece Bottom Bracket	M	G	drivetrain
Bottom Bracket Spindle	L	G	drivetrain
Single Piece Bottom Bracket Parts	M	G	drivetrain
Single Piece Crank Bearings	M	G	drivetrain
Single Piece/Ashtabula Bottom Bracket Cones	M	F	drivetrain
Tensioner Pulley Radial Bearings	S	G	drivetrain
Tensioner Pulley Thrust Washers	S	F	drivetrain
Front Derailleur Fame Bolt	S	E	drivetrain
Front Derailleur Frame Clamp	S	G	drivetrain
Front Derailleurs Large & Small	L	F	drivetrain
limit screws	S		drivetrain
Grip Shift Rings	S	F	drivetrain
Grip Shifters	L	F	drivetrain

Derailleur Cable Clamps	S	E	drivetrain
Derailleur Bolts & Drop-out Nuts	S	G	drivetrain
Derailleur Cable Clampbolt	S	E	drivetrain
Rear Derailleur Barrel Adjuster	S	E	drivetrain
Rear Derailleur Hanger Bolts	S	F	drivetrain
Socket Head Derailleur Bolt	S	G	drivetrain
Derailleur Hangers	M	E	drivetrain
Derailleur Tensioner Pulley	M	F	drivetrain
Cassette Lockrings & Small Cogs	S	G	drivetrain
Chain Links	S	G	drivetrain
Chain Ring Bolts	S	G	drivetrain
Cotter Pins	S	G	drivetrain
Crank Arm Dust Caps	S	F	drivetrain
Crank Bolts	S	E	drivetrain
Crank Nuts	S	F	drivetrain
Three Speed Hub Hardware	S	G	drivetrain
Cassettes	L	F	drivetrain
Freewheels	L	F	drivetrain
Large Cage Rear Derailleurs	L	F	drivetrain
MTN Trigger Shifters	L	E	drivetrain
Road Shifters	L	F	drivetrain
Single Piece Cranks	L	G	drivetrain
Small Cage Rear Derailleurs	L	F	drivetrain
Toe Clips & Clipless pedals	L	E	drivetrain
1/4" Bolts	S	F	gen hardware
1mm Phillips Head Bolts	S	F	gen hardware
1mm Socket Head Bolts	S	F	gen hardware
5mm Bolts	S	E	gen hardware
7mm Bolts	S	E	gen hardware
8mm ID Washers	S	G	gen hardware
Big Hex Bolts	S	G	gen hardware
Big Nuts	S	F	gen hardware
Common Bolts	S	E	gen hardware
Flanged Nuts	S	F	Gen Hardware
Hex Head 1mm External Bolts	S	F	gen hardware
Large Nuts	S	G	gen hardware
Misc. Flat Head Bolts	S	F	gen hardware
Misc. Phillips Bolts	S	G	gen hardware
Phillips Head Bolts	S	F	gen hardware
Plastic Bolt Caps	S	F	gen hardware
Rubber Gaskets	S	E	gen hardware
Slotted Head Bolts	S	F	gen hardware
Small Springs	S	F	gen hardware
Split Washers (5/16)	S	G	gen hardware
Split Washers (5/16)	S	G	gen hardware
Stack Bolts	S	E	gen hardware
Toothed Washers	S	E	gen hardware
Unsorted Plastic Parts	S	F	gen hardware
Washers (6mm ID)	S	G	gen hardware
Weird Nuts	S	F	gen hardware
Seat Bolts	S	E	seats
Seat Clamp Bolts	S	G	seats

Square Saddle Washer	S	G	seats
Seat Post Clamps	M	F	seats
Seat Post Quick Release	M	E	seats
Seatposts Greater 26	L	G	seats
Seatposts Less 26	L	G	seats
Caged Headset Bearings	M	F	steering
Complete Headset	M	G	steering
Crown Race	M	E	steering
Headset Locknuts	M	F	steering
Headset Mounted Cableguide	M	F	steering
Headset Race	M	G	steering
Headset Race Bottom	M	G	steering
Headset Spacers	M	E	steering
Headset Top Threaded Race	M	F	steering
Handlebar Bolts	S	E	steering
Handlebar Nubs	M	F	steering
Goosneck Stems	L	G	steering
Handle Grips	L	F	steering
Handlebar Tape	L	G	steering
Headset Bolt	L	F	steering
Straight Sems	L	G	steering
Threadless and BMX Stems	L	G	steering
Rear Shocks	L	E	suspension
Suspension Fork Bellows	M	G	suspension/stee
Axel Dust Caps	S	F	wheels
Axel Spacers	S	E	wheels
Cones	M	F	wheels
Hub Bearings Caged	M	E	wheels
Axels	L	F	wheels
Dust Caps	S	E	wheels
Frame Fitting Spacers	S	G	wheels
Spacers	S	F	wheels
Spoke Nipples	S	E	wheels
Spoke Nipples	S	F	wheels
Toothed Front Axel Washers	S	E	wheels
Valve Dust Caps	S	F	wheels
Wheel Washers	S	G	wheels
Axel Lock Nuts	M	F	wheels
Axel Nuts	M	F	wheels
Axel Wing Nuts	M	G	wheels
Quick Release Nuts & Springs	M	E	wheels
Weel Clamping Washers	M	G	wheels
Internal Hubs	L	G	wheels
Quick Release Skewers	L	F	wheels
Spokes	L	G	wheels
Spokes	L	G	wheels
Ball Bearings	S	F	
Ball Bearings	S	G	
Flanged RigidSpacer	S	G	

Parts to add**In New Bins?**

Gyro

y

Chainring Spacers

y

Coaster Brake arm clamp

y

Brake Anchor Washers

y

Derailleur Anchor Washers

y

Stem Wedge

y

subcategory	In New Bins?
	n
	n
cantilever	y
cantilever	y
cantilever	n
centerpull	y
centerpull	y
centerpull	n
centerpull	y
mtn levers	y
sidepull	y
sidepull	y
sidepull	y
sidepull	y
v-brakes	?
v-brakes	y
	?
	y
	?
	y
	y
	n
	?
	y
	n
	n
	n
	n
	n
	y
	y
	y
	y
bottom bracket	y
bottom bracket, 3-pix	y
bottom bracket, 3-pix	y
bottom bracket, 3-pix	y
bottom bracket, 3-pix?	y
bottom bracket, 3-pix	y
bottom bracket, 3-pin	n
bottom bracket, singly	y
bottom bracket, singly	y
bottom bracket, singly	y
front derailleur	y
front derailleur	y
front derailleur	Bin Needed?
front derailleur	y
front derailleur	n
front derailleur, rear d	y
grip shifters	y
grip shifters	n

Key		
Size	S	Small
	M	Medium
	L	Large
Quantity	E	Empty
	G	Good
	F	Full

	y
	y
	y
	n
	n
headset	headset
headset	headset
headset	headset
headset	headset
headset	headset
headset	headset
headset	headset
headset	y
headset	headset
	y
	y
	n
	n
	n
	n
	n
	n
	n
	n
	n
suspension fork	Bin needed?
hub	y
hub	y
hub	y
hub	y
hub	y
	y
	?
	general h/w
	y
	y
	y (assume wheel washer)
	y
	y
	y
	y
	y
	y
	y (assume wheel washer)
	n
	n
	n
	n
	Bin Needed?
	n
	?

