

Catalyst E Tires - Pneumatic with Airless Insert



Please note tab mounted handrims must be installed prior to the tire being installed.

Item Number	Part Number	Description	Quantity	Retail
1a, 2a	110021	Tire 20" x 1 3/8" Pneumatic and Airless Insert Kit	1	\$81.63

Item Number	Part Number	Description	Quantity	Retail
1b, 2b	110022	Tire 22" x 1 3/8" Pneumatic and Airless Insert Kit	1	\$76.11
1c, 2c	110023	Tire 24" x 1 3/8" Pneumatic and Airless Insert Kit	1	\$77.22
1d, 2d	110024	Tire 26" x 1 3/8" Pneumatic and Airless Insert Kit	1	\$77.22
1a	100911	Tire 20" x 1 3/8" Pneumatic	1	\$26.47
1b	100634	Tire 22" x 1 3/8" Pneumatic	1	\$26.47
1c	111818	Tire 24" x 1 3/8" Pneumatic (K103)	1	\$26.27
1d	100636	Tire 26" x 1 3/8" Pneumatic	1	\$28.69
2a	100913	Airless Insert 20"	1	\$55.16
2b	100503	Airless Insert 22"	1	\$49.64
2c	100504	Airless Insert 24"	1	\$49.64
2d	100505	Airless Insert 26"	1	\$49.64

Wheel & Tire Outside Diameter Measurement Reference

Size	Tire Description	Outside Diameter
18"	Street Pneumatic 1-3/8"	18.9
18"	Full Profile Poly 1-3/8"	18.5
18"	Pneumatic w/Airless Insert 1-3/8"	18.8
18"	Low Profile Poly 1"	17.7
20"	Street Pneumatic 1-3/8"	20.7
20"	Full Profile Poly 1-3/8"	20.2
20"	Pneumatic w/Airless Insert 1-3/8"	20.5
20"	Low Profile Poly 1"	19.3
20"	Sentinel Solid 1"	19.6
20"	High Pressure 1"	20.3
20"	SHOX	19.6
22"	Street Pneumatic 1-3/8"	22.5
22"	Full Profile Poly 1-3/8"	22.3
22"	Pneumatic w/Airless Insert 1-3/8"	22.4
22"	Low Profile Poly 1"	21.4
22"	Sentinel Solid 1"	21.9
22"	High Pressure 1"	22.3
22"	SHOX	22
22"	Mountain 2"	24.1
24"	Street Pneumatic 1-3/8"	24
24"	Full Profile Poly 1-3/8"	23.6
24"	Pneumatic w/Airless Insert 1-3/8"	23.9
24"	Schwalbe HS-127 1-3/8"	24
24"	Euro Trek Knobby 1-3/8"	24.1
24"	Low Profile Poly 1"	22.8
24"	Sentinel Solid 1"	23.3
24"	High Pressure 1"	23.6
24"	Schwalbe One 1"	23.8
24"	Schwalbe Marathon Plus EVO 1"	24
24"	SHOX	23.3
24"	Schwalbe Downtown 1"	23.6
24"	Mountain 2"	25.6
25"	Sentinel Solid 1"	24
25"	High Pressure 1"	24.3
25"	Schwalbe One 1"	24.3
25"	Schwalbe Marathon Plus EVO 1	24.4
25"	SHOX	24.1
25"	Mountain 2"	26
26"	Street Pneumatic 1-3/8"	26
26"	Full Profile Poly 1-3/8"	25.8
26"	Pneumatic w/Airless Insert 1-3/8"	25.8
26"	Sentinel Solid 1"	25.1
26"	High Pressure 1"	25.5
26"	Schwalbe Marathon Plus EVO 1"	25.9
26"	SHOX	25.3

Tire Component Chart

Wheel		1 3/8" Street Pneumatic			1" High Pressure			1 3/8" Euro Trek Knobby			1" Schwalbe				1 3/8" Schwalbe HS-127			2" Mountain		
Wheel	Wheel Part No.	Tire	Inner Tube	Rim Strip	Tire	Inner Tube	Rim Strip	Tire	Inner Tube	Rim Strip	Marathon Tire	One Tire	Inner Tube	Rim Strip	Tire	Inner Tube	Rim Strip	Tire	Inner Tube	Rim Strip
18" Ki Spoke ¹	200529	101587	101588	101137																
20" Ki Spoke ¹	200530	100911	100912	101137	102957	102844	101137													
22" Ki Spoke ¹	200531	100634	100588	101908	102961	100609	101908											101475	100588	101908
24" Ki Spoke ¹	200532	111818	100589	100596	102958	100580	100596	102982	100589	100596	100864	103176	100580	100596	102920	100589	100596	101476	101188	100596
25" Ki Spoke ¹	200533				102959	101457	101452				101357	103177	101457	101452				100166	100208	101452
26" Ki Spoke ¹	200534	100636	100590	100608	102960	100582	100597				100865		100582	100597						
24" Superlight	101159	111818	100589	100596	102958	100580	100596	102982	100589	100596	100864	103176	100580	100596	102920	100589	100596			
25" Superlight	101158				102959	101457	101452				101357	103177	101457	101452						
20" 5-Spoke X Core	101961	100911	100912	101137																
22" 5-Spoke X Core	101962	100634	100588	101908																
24" 5-Spoke X Core	100960	111818	100589	100596				102982	100589	100596					102920	100589	100596			
20" Spinergy Spox	See Spinergy Spox Page	100911	100912	101137	102957	102844	101137													
22" Spinergy Spox		100634	100588	101908	102961	100609	101908											101475	100588	101908
24" Spinergy Spox		111818	100589	100596	102958	100580	100596	102982	100589	100596	100864	103176	100580	100596	102920	100589	100596	101476	101188	100596
25" Spinergy Spox					102959	101457	101452				101357	103177	101457	101452				100166	100208	101452
26" Spinergy Spox		100636	100590	100608	102960	100582	100597				100865		100582	100597						
22" Spinergy LX	See Spinergy LX Page	100634	100588	101908	102961	100609	101908											101475	100588	101908
24" Spinergy LX		111818	100589	100596	102958	100580	100596	102982	100589	100596	100864	103176	100580	100596	102920	100589	100596	101476	101188	100596
25" Spinergy LX					102959	101457	101452				101357	103177	101457	101452				100166	100208	101452
26" Spinergy LX		100636	100590	100608	102960	100582	100597				100865		100582	100597						
18" MAXX Spoke	109285	101587	101588	101137																
20" MAXX Spoke	108244	100911	100912	101137	102957	102844	101137													
22" MAXX Spoke	105135	100634	100588	101908	102961	100609	101908											101475	100588	101908
24" MAXX Spoke	105136	111818	100589	100596	102958	100580	100596	102982	100589	100596	100864	103176	100580	100596	102920	100589	100596	101476	101188	100596
25" MAXX Spoke	107436				102959	101457	101452				101357	103177	101457	101452				100166	100208	101452
26" MAXX Spoke	107437	100636	100590	100608	102960	100582	100597				100865		100582	100597						

¹ Discontinued

Tire Compatibility Chart

Wheel		Tire											
Wheel	Wheel Part Number	1 3/8" Street Pneumatic	1 3/8" Full Profile Poly	1" Low Profile Poly	1 3/8" Pneumatic w/ Airless Insert (Tire / Insert)	1" Solid Sentinel	1" Solid Shox	1" High Pressure	1 3/8" Euro Trek Knobby	1" Schwalbe Marathon	1" Schwalbe One	1 3/8" Schwalbe HS-127	2" Mountain
18" Ki Spoke ²	200529	101587	101992	100918	101587 / 101092								
20" Ki Spoke ²	200530	100911	100917	102085	100911 / 100913	102974	102717	102957					
22" Ki Spoke ²	200531	100634	100621	100632	100634 / 100503	103165	102718	102961					101475
24" Ki Spoke ²	200532	111818	100622	100633	111818 / 100504	102976	100640	102958	102982	100864	103176	102920	101476
25" Ki Spoke ²	200533					102977	101453	102959		101357	103177		100166
26" Ki Spoke ²	200534	100636			100636 / 100505	102978	100884	102960		100865			
24" Superlight	101159	111818					100894	102958	102982	100864	103176	102920	
25" Superlight	101158						101146	102959		101357	103177		
12" Mag (non-drum brake) ¹	N/A	001424	001426		001425								
16" Mag (non-drum brake) ¹	N/A	001159	001161	003453	001160								
20" 5-Spoke X Core (Black)	101961	100911	100917		100911 / 100913		102717						
22" 5-Spoke X Core (Black)	101962	100634	100621		100634 / 100503		102718						
24" 5-Spoke X Core (Black)	100960	111818	100622		111818 / 100504		100640		102982			102920	
20" Spinergy Spox	See Spinergy Spox Page	100911	100917	102085	100911 / 100913	102974		102957					
22" Spinergy Spox		100634	100621	100632	100634 / 100503	103165		102961					101475
24" Spinergy Spox		111818	100622	100633	111818 / 100504	102976	100894	102958	102982	100864	103176	102920	101476
25" Spinergy Spox						102977	101146	102959		101357	103177		100166
26" Spinergy Spox		100636			100636 / 100505	102978	100895	102960		100865			
22" Spinergy LX	See Spinergy LX Page	100634	100621	100632	100634 / 100503			102961					101475
24" Spinergy LX		111818	100622	100633	111818 / 100504	102976	100894	102958	102982	100864	103176	102920	101476
25" Spinergy LX						102977	101146	102959		101357	103177		100166
26" Spinergy LX		100636			100636 / 100505	102978	100895	102960		100865			
18" MAXX Spoke	109285	101587	101992	100918	101587 / 101092								
20" MAXX Spoke	108244	100911	100917	102085	100911 / 100913	102974	102717	102957					
22" MAXX Spoke	105135	100634	100621	100632	100634 / 100503	103165	102718	102961					101475
24" MAXX Spoke	105136	111818	100622	100633	111818 / 100504	102976	100640	102958	102982	100864	103176	102920	101476
25" MAXX Spoke	107436					102977	101453	102959		101357	103177		100166
26" MAXX Spoke	107437	100636			100636 / 100505	102978	100884	102960		100865			

¹ 12" and 16" Mag Wheels are sold as a combination Wheel and Tire assembly

² Discontinued