

## Catalyst E Tires -Solid 1"



Utilize the Sentinel Tire if using on MAXX Spoke wheel. Utilize the Shox Tire as a comparable alternative if using on a Mag (X Core) Wheel. Please note tab mounted handdrums must be installed prior to the tire being installed.

| Item Number | Part Number | Description                                                                                    | Quantity |
|-------------|-------------|------------------------------------------------------------------------------------------------|----------|
| 1a          | 102974      | Tire 20" x 1" Sentinel Black (25-451)<br><i>Used on 20" MAXX Spoke and 20" MAXX Mag Wheels</i> | 1        |
| 1b          | 103165      | Tire 22" x 1" Sentinel Black (25-501)<br><i>Used on 22" MAXX Spoke and 22" MAXX Mag Wheels</i> | 1        |
| 1c          | 102976      | Tire 24" x 1" Sentinel Black (25-540)<br><i>Used on 24" MAXX Spoke and 24" MAXX Mag Wheels</i> | 1        |
| 1d          | 102977      | Tire 25" x 1" Sentinel Black (25-559)<br><i>Used on 25" MAXX Spoke Wheels</i>                  | 1        |
| 1e          | 102978      | Tire 26" x 1" Sentinel Black (25-590)<br><i>Used on 26" MAXX Spoke Wheels</i>                  | 1        |
| 2a          | 102717      | Tire 20" x 1" Shox Spoke/Mag<br><i>Used on 20" Mag Wheels</i>                                  | 1        |
| 2b          | 102718      | Tire 22" x 1" Shox Spoke/Mag<br><i>Used on 22" Mag Wheels</i>                                  | 1        |
| 2c          | 100640      | Tire 24" x 1" Shox Spoke/Mag<br><i>Used on 24" Mag Wheels</i>                                  | 1        |

| Tire Compatibility Chart |                         |                         |                          |                     |                                                    |                   |               |                  |                         |                      |                 |                        |             |
|--------------------------|-------------------------|-------------------------|--------------------------|---------------------|----------------------------------------------------|-------------------|---------------|------------------|-------------------------|----------------------|-----------------|------------------------|-------------|
| Wheel                    |                         | Tire                    |                          |                     |                                                    |                   |               |                  |                         |                      |                 |                        |             |
| Wheel                    | Wheel Part #            | 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 |
| 22" Spoke                | 116730                  | 116735                  | 100621                   | 100632              | 116735 / 100503                                    | 103165            | 102718        | 102961           |                         |                      |                 |                        | 101475      |
| 24" Spoke                | 116728                  | 116736                  | 100622                   | 100633              | 116736 / 100504                                    | 102976            | 100640        | 102958           | 102982                  | 100864               | 103176          | 102920                 | 101476      |
| 18" MAXX Spoke           | 109285                  | 101587                  | 101992                   | 100918              | 101587 / 101092                                    |                   |               |                  |                         |                      |                 |                        |             |
| 20" MAXX Spoke           | 108244                  | 116843                  | 100917                   | 102085              | 116843 / 100913                                    | 102974            | 102717        | 102957           |                         |                      |                 |                        |             |
| 22" MAXX Spoke           | 105135                  | 116735                  | 100621                   | 100632              | 116735 / 100503                                    | 103165            | 102718        | 102961           |                         |                      |                 |                        | 101475      |
| 24" MAXX Spoke           | 105136                  | 116736                  | 100622                   | 100633              | 116736 / 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               |                 |                        |             |
| 12" Mag <sup>1</sup>     | N/A                     | 001424                  | 001426                   |                     | 001425                                             |                   |               |                  |                         |                      |                 |                        |             |
| 16" Mag <sup>1</sup>     | N/A                     | 001159                  | 001161                   | 003453              | 001160                                             |                   |               |                  |                         |                      |                 |                        |             |
| 20" MAXX Mag             | 111853                  | 116843                  | 100917                   | 102085              | 116843 / 100913                                    | 102974            |               |                  |                         |                      |                 |                        |             |
| 22" MAXX Mag             | 111584                  | 116735                  | 100621                   | 100632              | 116735 / 100503                                    | 103165            |               |                  |                         |                      |                 |                        | 101475      |
| 24" MAXX Mag             | 111855                  | 116736                  | 100622                   | 100633              | 116736 / 100504                                    | 102976            |               |                  | 102982                  |                      |                 | 102920                 | 101476      |
| 24" Superlight           | 101159                  | 100635                  |                          |                     |                                                    |                   | 100894        | 102958           | 102982                  | 100864               | 103176          | 102920                 |             |
| 25" Superlight           | 101158                  |                         |                          |                     |                                                    |                   | 101146        | 102959           |                         | 101357               | 103177          |                        |             |
| 20" Spinerger Spox       | See Spinerger Spox Page | 116843                  | 100917                   | 102085              | 116843 / 100913                                    | 102974            |               | 102957           |                         |                      |                 |                        |             |
| 22" Spinerger Spox       |                         | 116735                  | 100621                   | 100632              | 116735 / 100503                                    | 103165            |               | 102961           |                         |                      |                 |                        | 101475      |
| 24" Spinerger Spox       |                         | 116736                  | 100622                   | 100633              | 116736 / 100504                                    | 102976            | 100894        | 102958           | 102982                  | 100864               | 103176          | 102920                 | 101476      |
| 25" Spinerger Spox       |                         |                         |                          |                     |                                                    | 102977            | 101146        | 102959           |                         | 101357               | 103177          |                        | 100166      |
| 26" Spinerger Spox       |                         | 100636                  |                          |                     | 100636 / 100505                                    | 102978            | 100895        | 102960           |                         | 100865               |                 |                        |             |
| 22" Spinerger LX         | See Spinerger LX Page   | 116735                  | 100621                   | 100632              | 116735 / 100503                                    |                   |               | 102961           |                         |                      |                 |                        | 101475      |
| 24" Spinerger LX         |                         | 116736                  | 100622                   | 100633              | 116736 / 100504                                    | 102976            | 100894        | 102958           | 102982                  | 100864               | 103176          | 102920                 | 101476      |
| 25" Spinerger LX         |                         |                         |                          |                     |                                                    | 102977            | 101146        | 102959           |                         | 101357               | 103177          |                        | 100166      |
| 26" Spinerger LX         |                         | 100636                  |                          |                     | 100636 / 100505                                    | 102978            | 100895        | 102960           |                         | 100865               |                 |                        |             |

<sup>1</sup> 12" and 16" Mag Wheels are sold as a combination Wheel and Tire Assembly

See Page 2 for Discontinued Wheels

| Tire Compatibility Chart (Discontinued Wheels) |              |                         |                          |                     |                                                    |                   |               |                  |                         |                      |                 |                        |             |
|------------------------------------------------|--------------|-------------------------|--------------------------|---------------------|----------------------------------------------------|-------------------|---------------|------------------|-------------------------|----------------------|-----------------|------------------------|-------------|
| Wheel                                          |              | Tire                    |                          |                     |                                                    |                   |               |                  |                         |                      |                 |                        |             |
| Wheel                                          | Wheel Part # | 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                                   | 200529       | 101587                  | 101992                   | 100918              | 101587 / 101092                                    |                   |               |                  |                         |                      |                 |                        |             |
| 20" Ki Spoke                                   | 200530       | 100911                  | 100917                   | 102085              | 100911 / 100913                                    | 102974            | 102717        | 102957           |                         |                      |                 |                        |             |
| 22" Ki Spoke                                   | 200531       | 100634                  | 100621                   | 100632              | 100634 / 100503                                    | 103165            | 102718        | 102961           |                         |                      |                 |                        | 101475      |
| 24" Ki Spoke                                   | 200532       | 111818                  | 100622                   | 100633              | 111818 / 100504                                    | 102976            | 100640        | 102958           | 102982                  | 100864               | 103176          | 102920                 | 101476      |
| 25" Ki Spoke                                   | 200533       |                         |                          |                     |                                                    | 102977            | 101453        | 102959           |                         | 101357               | 103177          |                        | 100166      |
| 26" Ki Spoke                                   | 200534       | 100636                  |                          |                     | 100636 / 100505                                    | 102978            | 100884        | 102960           |                         | 100865               |                 |                        |             |
| 20" 5-Spoke X Core                             | 101961       | 100911                  | 100917                   | 102085              | 100911 / 100913                                    |                   | 102717        |                  |                         |                      |                 |                        |             |
| 22" 5-Spoke X Core                             | 101962       | 100634                  | 100621                   | 100632              | 100634 / 100503                                    |                   | 102718        |                  |                         |                      |                 |                        |             |
| 24" 5-Spoke X Core                             | 100960       | 111818                  | 100622                   | 100633              | 111818 / 100504                                    |                   | 100640        |                  | 102982                  |                      |                 | 102920                 |             |

Effective 2/27/2023

# 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             |