



Bicycle-Engines

406-586-5970 • www.Bicycle-Engines.com



Are You Still Pedaling?

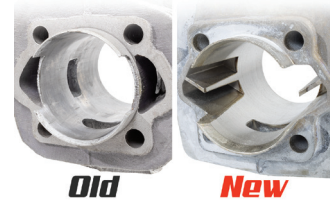
Motorize your bicycle - it's fun, safe, and economical!

FIRESTORM Zeda 80 Engine Kits

ZEDA80 New Cylinder Design!

- Open Transfer Ports - increases performance with reduced piston & ring drag with enhanced air flow while improving wear and lubrication!
- Redesigned Intake & Exhaust Ports - improved ports now have higher flow area which equals more power!
- Improved Magneto - extra coiling for a stronger more consistent spark!

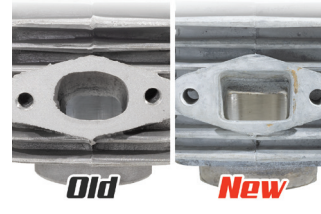
Open Transfer Ports



Old

New

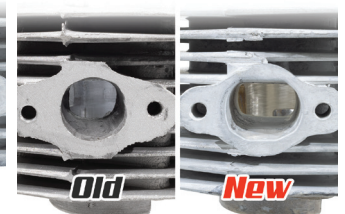
Improved Intake Port



Old

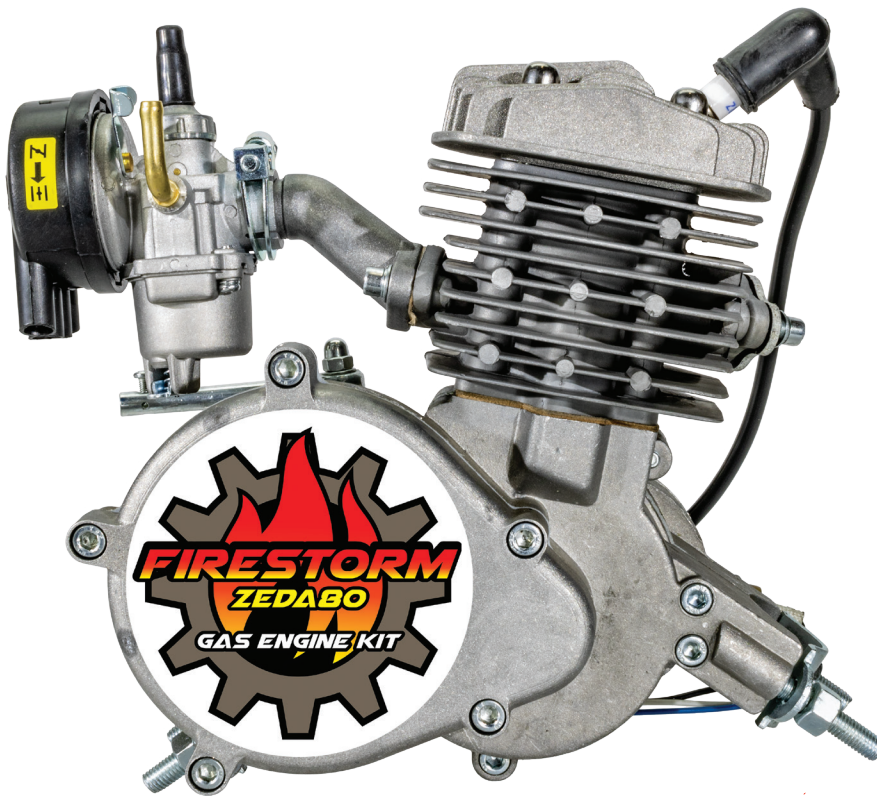
New

Improved Exhaust Port



Old

New



ZEDA Triple 40 Engine Features

- Long 89mm Rod - increases engine power density and saving efficiency!
- Long 40mm Stroke Crank - improved power density, efficiency and reliability!
- Wide 40mm Intake Port & Circle Shaped Exhaust Port -
- Higher flow area equals more power!
- 60% Thicker Main Bearing Case - Improves performance, reduces engine vibration, and improves reliability!

415 CHAIN DRIVE KIT

\$189.99 ITEM: ENGJL-CES(36/44/48)



CHAIN DRIVE OPTION:

- 36, 44, or 48 Tooth Rear Drive Sprocket
- 11 Tooth Drive Sprocket
- 415 Heavy Duty Chain with Chain Guard
- Standard Ball Bearing Chain Tensioner
- Standard Rag Joint Sprocket Attachment Kit

T-BELT DRIVE KIT

\$189.99 ITEM: ENGJL-CESTB



T-BELT DRIVE OPTION:

- 190mm CNC Aluminum Rear Drive Pulley (50T equiv.)
- 39mm CNC Aluminum Drive Pulley (11T equiv.)
- 5M-1350 T-Belt
- CNC Aluminum T-Belt Tensioner
- Standard Rag Joint Sprocket Attachment Kit

T-Belt Kit Features

- Reduced Noise: no noisy chain and sprockets!
- Less Maintenance: no rusting & no lube required!
- Improved Performance: lighter weight = more torque!

EACH KIT INCLUDES:

- ZEDA80 2-Stroke 80cc/66cc Engine
- 2.0+ HP @ 6000 RPM
- Pedal Start with CDI Ignition
- 0.5 Gallon Black Fuel Tank
- Twist Throttle With Engine Kill Switch
- Improved Gas Valve and Gas Filter
- Standard NT Carburetor
- Needle Bearings On Piston Wrist Pin
- Quick Release Clutch Lever
- All mounting brackets, gaskets, hardware
- Wide frame mounting for bikes with large down tubes
- 6 Month limited warranty

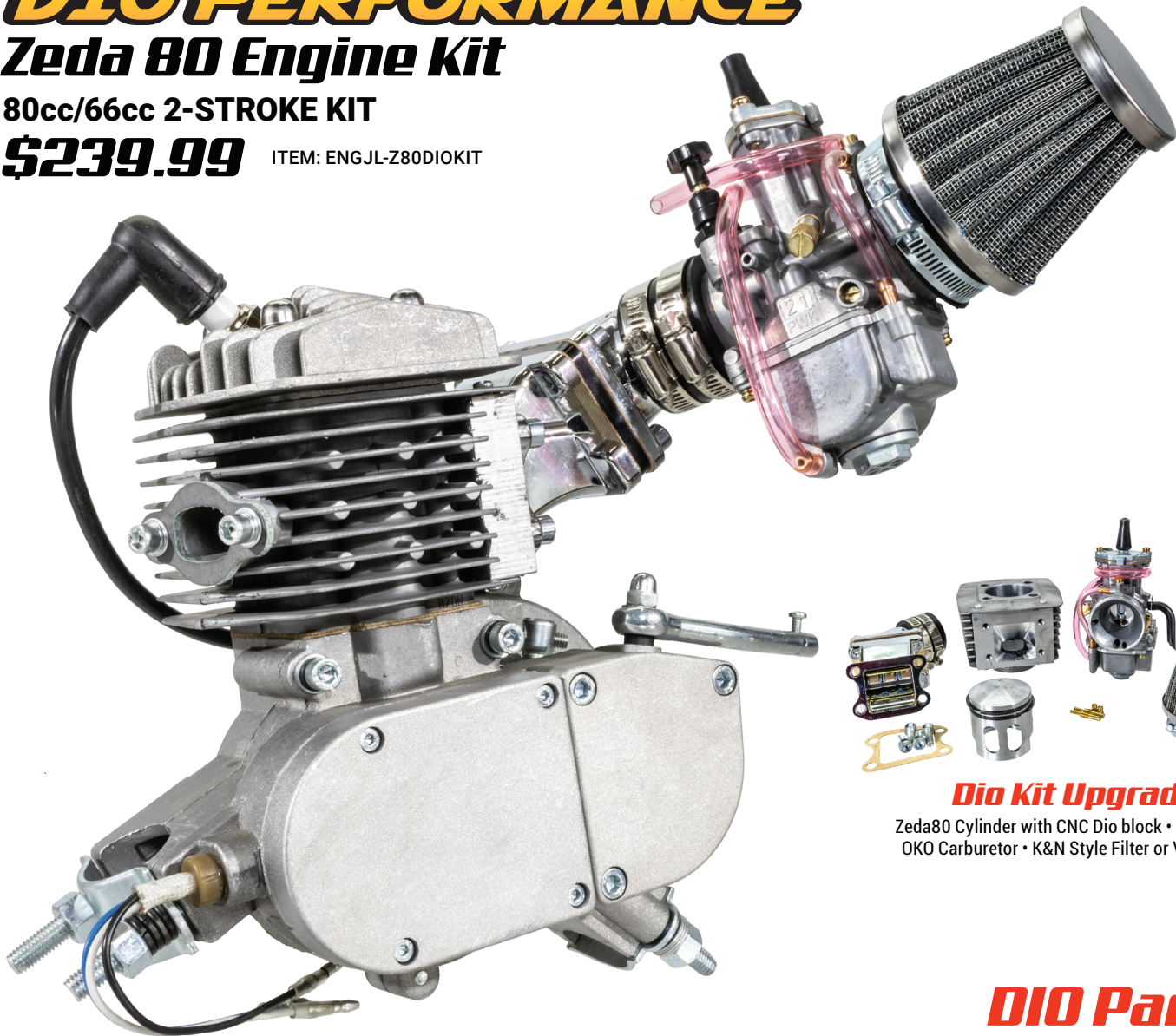
More parts & accessories available at www.Bicycle-Engines.com

DIO PERFORMANCE

Zeda 80 Engine Kit

80cc/66cc 2-STROKE KIT

\$239.99 ITEM: ENGJL-Z80DIOKIT



Dio Kit Upgrades!

Zeda80 Cylinder with CNC Dio block • Dio Reed Valve
OKO Carburetor • K&N Style Filter or Velocity Stack



KIT INCLUDES:

- ZEDA80 2-Stroke 80cc/66cc Engine
- 2.5+ HP @ 6000 RPM
- DIO Cylinder with Piston
- Spark Plug and CDI
- 6 Flap DIO Reed Valve
- OKO Carburetor with K&N Style Filter or V-Stack
- Standard Chrome Muffler
- Quick Release Clutch Lever
- Twist Throttle with Engine Kill Switch
- 0.5 Gal. Fuel Tank with Valve, Filter, and Line
- 36/44/48 Tooth Drive Sprocket with Standard Installation Kit
- Chain Guard, 415 Chain, and Ball Bearing Tensioner
- Front Mount Adapter for Large Down Tubes
- All mounting brackets, gaskets, hardware
- Spark Plug Wrench and Sprocket Removal Tool
- 6 Month Limited Warranty

DIO Parts

ANGLED OFFSET DIO KIT INTAKE **\$29.99**

This custom intake moves the carb & air filter more in-line with your bike reducing interference. Compatible with our DIO kit OKO carburetor.

ITEM: ENG2S-DIOINT



ZEDA88 PERFORMANCE PIPE **\$89.99**

Performance expansion chamber pipe for Zeda80 2-stroke engine kits. Enhances power output. Includes mounting hardware and exhaust gasket.

ITEM: ENGJL-EXP



WINDOW PISTON KIT **\$29.99**

The windowed piston creates more intake flow & volume allowing trapped fuel to escape from underneath the piston.

ITEM: ENGJL-PKWDW



For more information call 406-586-5970 or live chat at www.Bicycle-Engines.com

FIRESTORM **Zeda 100 Engine Kit**

100cc/80cc 2-STROKE KIT

\$249.99 ITEM: ENGJL-Z100CES



ZEDA100 Upgrades!

- 50 mm Bore Diameter
- One-Piece Cylinder
- Grade 8.8 hardware
- Upgraded CDI & Magneto
- High Airflow Carburetor

KIT INCLUDES:

- ZEDA100 2-Stroke 100cc/80cc Engine
- 3.0+ HP @ 8,000 RPM
- Pedal Start with Upgraded CDI Ignition
- 36, 44 or 48 Tooth, Rear Drive Sprocket
- 2 Plate Sprocket Attachment Kit
- 0.5 Gallon Black Fuel Tank
- Twist Throttle With Engine Kill Switch
- Improved Gas Valve and Gas Filter
- Standard Ball Bearing Chain Tensioner
- Upgraded Speed Carburetor
- Needle Bearings On Piston Wrist Pin
- 415 Heavy Duty Chain with Chain Guard
- Quick Release Clutch Lever
- All mounting brackets, gaskets, hardware
- Wide frame mounting for bikes with large down tubes
- 6-Month Limited Warranty



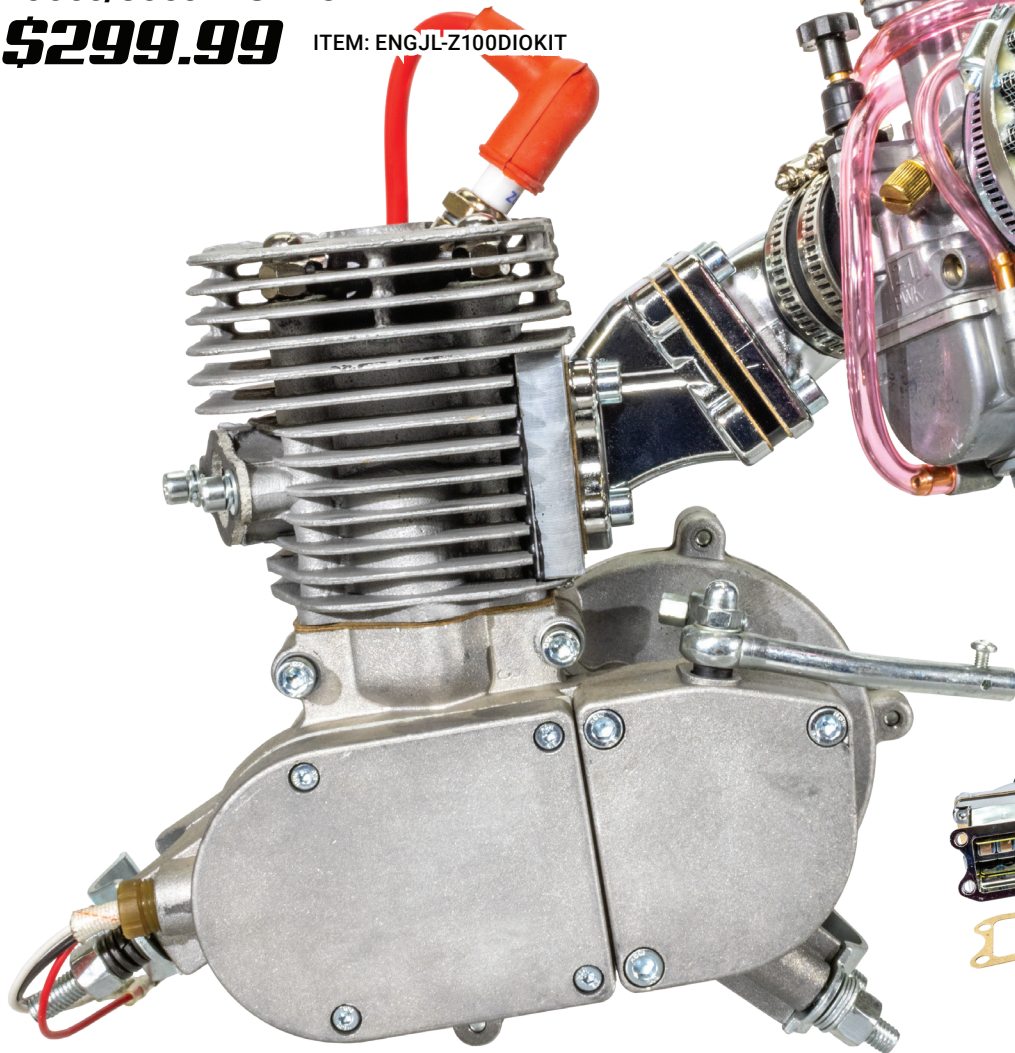
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DIO PERFORMANCE

Zeda 100 Engine Kit

100cc/80cc 2-STROKE KIT

\$299.99 ITEM: ENGL-Z100DIOKIT



DIO Kit Upgrades!

Zeda100 Cylinder with CNC Dio block • Dio Reed Valve
OKO Carburetor • K&N Style Filter or Velocity Stack



DIO Parts

ANGLED OFFSET DIO KIT INTAKE **\$29.99**

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ITEM: ENG2S-DIOINT



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Performance expansion chamber pipe for Zeda80 2-stroke engine kits. Enhances power output. Includes mounting hardware and exhaust gasket.

ITEM: ENGL-EXP



KIT INCLUDES:

- ZEDA100 2-Stroke 100cc/80cc Engine
- 3.0+ HP @ 8,000 RPM
- DIO Cylinder with Piston
- Spark Plug and High Performance CDI
- 6 Flap DIO Reed Valve
- OKO Carburetor with K&N Style Filter or V-Stack
- Standard Chrome Muffler
- Quick Release Clutch Lever
- Twist Throttle with Engine Kill Switch
- 0.5 Gal. Fuel Tank with Valve, Filter, and Line
- 36/44/48 Tooth Drive Sprocket with Standard Installation Kit
- Chain Guard, 415 Chain, and Ball Bearing Tensioner
- Front Mount Adapter for Large Down Tubes
- All mounting brackets, gaskets, hardware
- Spark Plug Wrench and Sprocket Removal Tool
- 6 Month Limited Warranty

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Universal Accessories

CNC ALUMINUM RACING GRIPS

\$12.99

Made of CNC machined aluminum and non-slip gel rubber grips, these are sure to add optimum performance for your motorbike. Will work with any 7/8" diameter handlebar.

ITEM: ENGJL-CNCGRIP



ALUMINUM RACING GRIPS

\$14.99

Add some style to your ride with our colored racing throttle grips. These anodized aluminum racing grips have a sleek design and will work with any 7/8" dia. handlebar.

ITEM: ENGJL-TBA



REAR MOUNT GAS TANK

\$49.99

Available in black or chrome this gas tank easily clamps to your seat post! Designed with 25° rise so that it's always positioned to allow the best possible fuel flow and to also clear the rear tire. Fuel valve and extra long fuel line required, sold separately.

ITEM: ENGJL-RBGAS

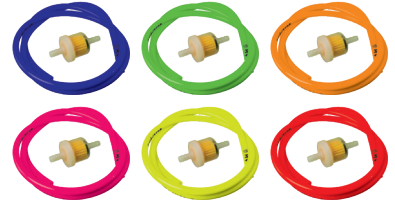


COLORED FUEL LINE

\$5.99

These brightly colored fuel lines are extra long - 40 inches - perfect for custom bike builds or rear mount gas tanks. Available in blue, green, orange, pink, red, and yellow. Includes magnetic fuel filter.

ITEM: ENGJL-CPWF(specify color)



HEADLIGHT & TAIL LIGHT KIT

\$19.99

Removable flashlight headlight and tail light with multiple settings. Includes headlight, tail light, and mounts. Requires 5x AAA batteries, not included.

ITEM: ENGJL-HDTLIGHT



RETRO LED HEADLAMP

\$29.99

This is one accessory that could save your life! Headlights are a must for protecting yourself, and look good doing it, with our Retro Black and Copper Headlamp. 2x AA batteries required.

ITEM: ENGJL-RLHLC



TURN SIGNAL & TAIL LIGHT KIT

\$14.99

Enhance your safety and let everyone else on the road know where you are going with this battery powered turn signal and brake light kit. Requires 2x AA batteries, sold separately.

ITEM: ENGJL-TL



DIGITAL SPEEDOMETER & ODOMETER

\$11.99

Digital Speedometer measures - in Miles or Km - your current speed, trip, distance, odometer, max speed, average speed, elapsed time. Also features a 12/24 hour clock.

ITEM: ENGJL-SPDMTR



COWHIDE SADDLE SEAT

\$39.99

Naturally, being a business that is based in Montana, we felt we should offer some down home comfort! You can be assured of a long life from this Saddle Seat as it has been made from real cowhide!

ITEM: ENGJL-SSB



REAR MOUNT BIKE RACK

\$24.99

Rear mounted lightweight, steel bicycle rack mounts above a 26" rear bicycle wheel to help easily transport bags, panniers, cargo baskets and more. Each rack features a reflector bracket and spring loaded flap to secure cargo.

ITEM: ENGJL-RR2



REAR VIEW MIRROR SET

\$11.99

Right and left rear view mirror set.

ITEM: ENGJL-RM



MID-FRAME KICKSTAND

\$24.99

Mid frame kickstand for 26" bikes.

ITEM: 24S-ACC-MFKS



COLORED VALVE STEM CAPS

\$1.99

Make your bicycle wheels stand out by replacing the old dreary black plastic tire valve caps with new durable anodized aluminum caps.

ITEM: ENGM1-VC (Black, Blue, Red, or Silver)



REPLACEMENT BRAKE PADS

\$8.99

60mm High grade bicycle rim brake pads built with a durable, all-weather compound. Each kit includes 2 - brake pads with bushings and nut.

ITEM: ENGJL-BP



ALUMINUM HANDLEBAR

\$29.99

This handlebar is built for ultimate performance and is sturdy enough for any rider to enjoy. Available in 4 different color options. Bar clamp diameter: 1.125".

ITEM: ENGJL-CHB*

*Black, Blue, Red, Silver



HD AXLE KIT WITH BRAKE

\$49.99

This hub kit includes a 36T, 44T, or 50T solid sprocket, 36 spoke heavy duty hub, 195mm axle, mounting hardware, and drum brake.

ITEM: ENG2S66-HDRA*

*36T, 44T, or 56T



Complete Bikes, Frames, & Bike Parts

Screaming Demon V2

26" ENGINE READY COMPLETE BICYCLE

\$599.99

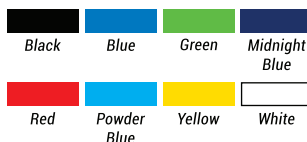
ITEM: ENGL-AB



BIKE FEATURES:

- 26" heavy duty frame designed specifically for gas engine applications.
- Built in 2.4L (0.6 gal) gas tank
- Pedestal mount for Zeda 2-stroke engines
- Single crown/single tree or double crown/triple tree front fork with suspension
- 26 x 1.95" Cross country tires on 26" 6-spoke Mag wheels
- Front disc brake, with side pull caliper rear brake
- Dual drive rear wheel - 22T freewheel pedal side, 36T engine drive side
- 1-Piece crank with 44T chain ring
- Center kickstand, pedals, stem, flat handlebars, saddle and seat post included

Available in 8 colors

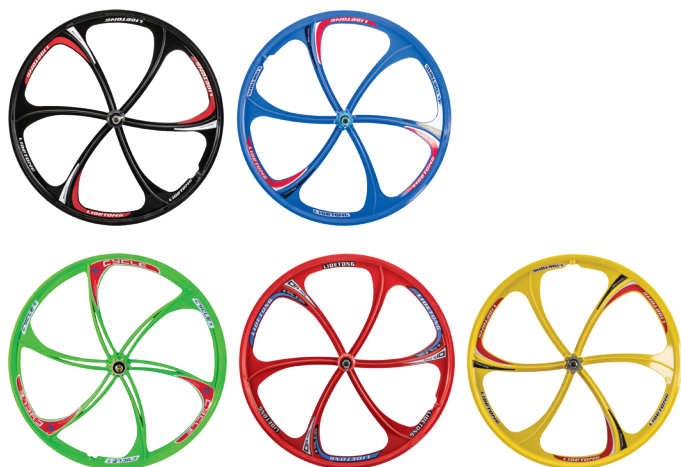


MAG WHEEL SET

\$129.99

Get your motorized bike looking sharp with a set of HY-27 style 26" CNC magnesium/aluminum alloy mags. Includes front and rear mag wheels. Suitable for use with motorized bicycles that have a 135 mm rear dropout. Available in 3 colors: black, blue, green, or red.

ITEM: ENGLJL-SMAGSET



ZEDA MONARCH FORK

\$89.99

Whether you need to replace a damaged fork or are looking to add some style and suspension to your custom ride, replace your fork with the sturdy and popular Monarch dual springer fork. Built to fit a men's 26" bicycle frame.

ITEM: ENGLJL-MF



SPRINGER FRONT FORK

\$89.99

This heavy-duty springer bicycle fork features a large front facing spring ready to absorb those hard bumps along with adding a slick vintage look for beach cruisers and chopper bicycles. Designed to fit most 26-inch cruiser or chopper style bikes that use a 1 inch threaded headset.

ITEM: ENGLJL-SF



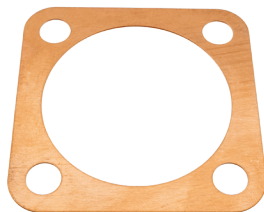
Upgrade Parts

COPPER HEAD GASKET

\$6.99

Helps prevent leaks that rob performance and offers higher durability which increases resistance to blowouts and minimizes warping.

ITEM: ENGL-CPHG



OKO CARB FOAM AIR FILTER

\$10.99

This foam air filter for the OKO Performance carb provides increased air flow improving the combustion process and increasing maximum power and peak torque output for your engine.

ITEM: ENGL-STN



TUNABLE CNS CARBURETOR V2

\$24.99

Redesigned CNS carburetor with improved angle for the fuel line. Features include a choke housing that utilizes a cable from the handle bars to engage/disengage (not included). Idle adjustment and air flow adjustment allow for optimal tuning - 47mm OD air filter intake.

ITEM: ENG2S-SKYC



ENGINE MOUNT CHAIN TENSIONER

\$26.99

This chain tensioner mounts directly over the clutch cover on your 2-stroke engine. Featuring an adjustable spring-loaded design, this tensioner will maintain constant pressure for your engine drive chain.

ITEM: ENGL-RCCT



Z INTAKE MANIFOLD

\$6.99

The Z Intake Manifold allows for an offset carburetor placement. Perfect for larger carburetors or for fitting on a bike frame that would be non-compatible with a normal manifold.

ITEM: ENG2S66-OSZI



BLACK CAT MUFFLER

\$34.99

Upgrade your muffler or switch to one with an aesthetic that matches your bike.

ITEM: 2S-FE-BLACKCAT



PULL START CONVERSION KIT

\$19.99

Replace your stock magneto cover with this kit to instantly convert your Zeda80 engine into a pull start motor.

ITEM: ENGL-Z80PS

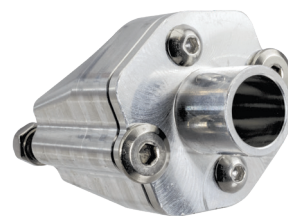


OZ REED VALVE

\$49.99

Performance upgrade for Firestorm Zeda80 2-stroke engine kits. 19mm intake manifold. Carbon fiber reeds. Aluminum housing.

ITEM: ENGL-OZRV

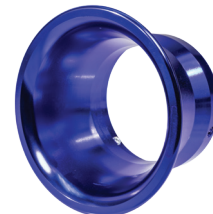


OKO CARB VELOCITY STACK

\$12.99

Velocity stacks allow smooth and even entry of air at high velocities into the intake, increasing power in the order of 2% to 4%. Choose from 5 colors: Silver, Blue, Grey, Red, and Yellow. Recommended for racing use only.

ITEM: ENGL-VS



TUNABLE CNS CARBURETOR

\$29.99

This adjustable carburetor features a choke that can be engaged from the handle bars. Redesigned with an optimized angle for the fuel line and will also accept after market 32mm OD air cleaners.

ITEM: ENGL-KCRB2



LOW HANG CHROME MUFFLER

\$19.99

With this low hand muffler a 2-stroke engine kit hangs tight under the bike for better clearance and has a removable baffle for more performance. Includes muffler gasket.

ITEM: ENG2S66-13LEM

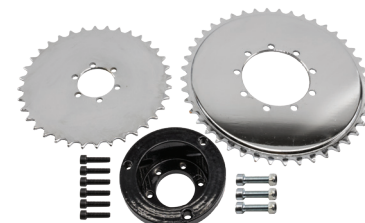


MAG WHEEL ADAPTER KIT

\$24.99

The Mag Wheel Adapter Kit makes installing and aligning the rear drive sprocket quick and easy. Choose from two rear sprocket sizes: 36 or 44 tooth.

ITEM: ENGL-AK36/44T

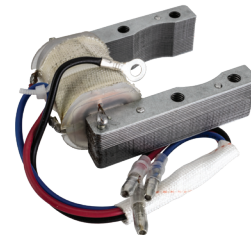


12 VOLT MAGNETO STATOR COIL

\$16.99

Standard magneto coil with additional 12V accessory wire allowing you to power headlights, blinkers, etc.

ITEM: ENGL-12VMAG



THUMB CLUTCH LEVER W/BRAKE

\$19.99

Deluxe integrated thumb clutch lever and brake lever with push button lock and release.

ITEM: ENG2S66-CBL



More parts & accessories available at www.Bicycle-Engines.com