



Bicycle-Engines

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



Are You Still Pedaling?

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

80cc/66cc 2-Stroke Complete Kits



Upgraded ZEDA80 Engines!

- Long 89mm Rod - increases engine power density and scavenging 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!

FIRESTORM

415 CHAIN DRIVE KIT

\$139.99



KIT INCLUDES:

- ZEDA80 2-Stroke 80cc/66cc Engine
- 2.0+ HP @ 6000 RPM
- Pop Start with 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
- Standard NT Carburetor
- Needle Bearings On Piston Wrist Pin
- Upgraded 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 Included - FREE



All New T-Belt Drive!

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

FIRESTORM

T-BELT DRIVE KIT

\$219.99



KIT INCLUDES:

- ZEDA80 2-Stroke 80cc/66cc Engine
- 2.0+ HP @ 6000 RPM
- Pop Start with CDI Ignition
- 190mm Rear Pulley (50T equiv.)
- 39mm Drive Pulley (11T equiv.)
- 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
- 5M-1350 T-Belt
- Aluminum T-Belt Tensioner
- Quick Release Clutch Lever
- All mounting brackets, gaskets, hardware
- Wide frame mounting for bikes with large down tubes
- 6-Month Limited Warranty Included - FREE

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

2-Stroke Parts

ZEDA DIO UPGRADE KIT

\$99.99

Greatly enhance your existing Zeda80 engine with this performance Dio upgrade kit. Complete add on performance kit includes: Modified Dio cylinder, OKO flat side carb, 6 flap Dio reed valve, & K&N style air filter.

ITEM: ENGJL-DIOKIT

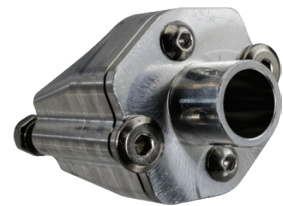


OZ REED VALVE

\$49.99

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

ITEM: ENGJL-OZRV



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: ENGJL-STN



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: ENGJL-VS



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



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: ENGJL-KCRB2



BLACK CAT MUFFLER

\$34.99

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

ITEM: 2S-FE-BLACKCAT



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



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

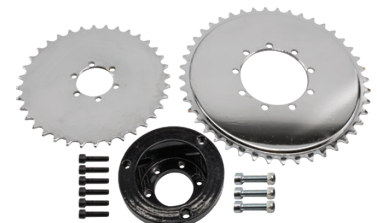


MAG WHEEL ADAPTER KIT

\$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: ENGJL-AK36/44T

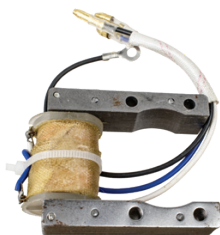


STANDARD MAGNETO STATOR COIL

\$11.99

Our standard replacement magnetos are built to last and are designed for our 2 stroke motors.

ITEM: ENGJL-MAG

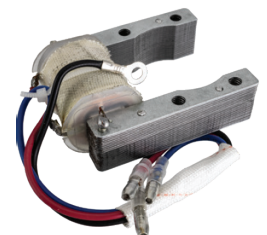


12 VOLT MAGNETO STATOR COIL

\$16.99

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

ITEM: ENGJL-12VMAG



DUAL BRAKE TWIST THROTTLE KIT

\$19.99

Twist throttle, dual brake lever, and kill switch all in one unit. Dual brake lever pulls both brake cables at the same time.

ITEM: 24S-TA-DBTTK



THUMB CLUTCH LEVER W/BRAKE

\$19.99

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

ITEM: ENG2S66-CBL



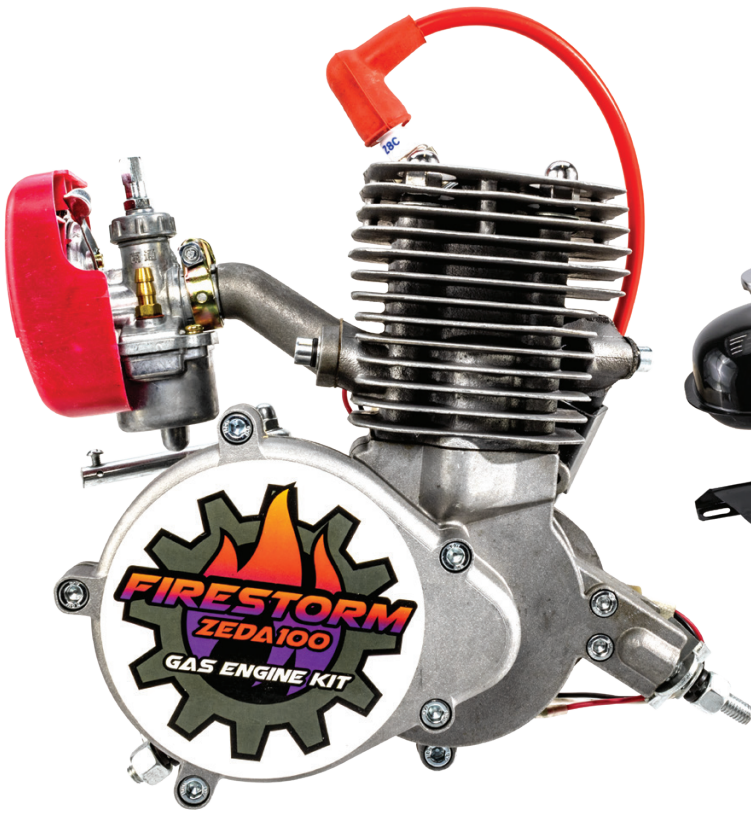
For more information call 406-586-5970 or live chat at www.Bicycle-Engines.com

Coming Soon!

FIRESTORM ZEDA100

100cc/80cc 2-STROKE KIT

\$189.99



ZEDA100 Upgrades!

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

KIT INCLUDES:

- ZEDA80 2-Stroke 100cc/80cc* Engine
- 3.0+ HP @ 8,000 RPM
- Kick 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 Included - FREE

* Actual U.S. displacement 78.6cc

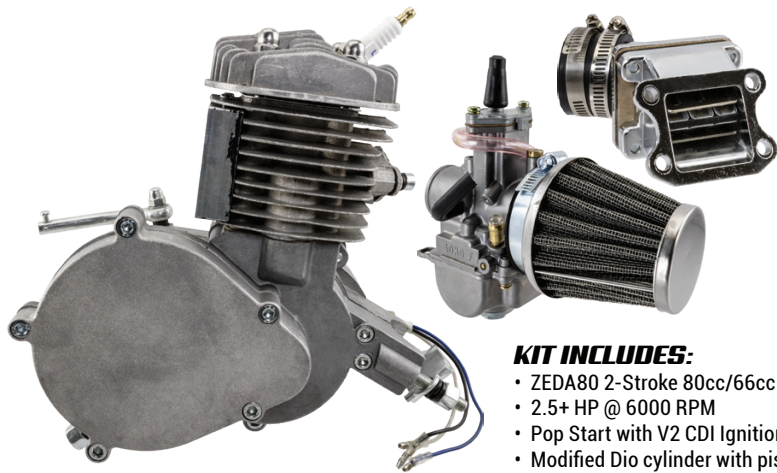


More parts & accessories available at www.Bicycle-Engines.com

Performance 2-Stroke Complete Kit

ZEDA80 DIO

80cc/66cc 2-STROKE PERFORMANCE KIT
\$199.99



KIT INCLUDES:

- ZEDA80 2-Stroke 80cc/66cc Engine
- 2.5+ HP @ 6000 RPM
- Pop Start with V2 CDI Ignition
- Modified Dio cylinder with piston
- Enhanced balanced crank with stuffed crankcase
- Upgraded bearings + 60% thicker crankcase support
- Large intake port and round exhaust port
- Long rod with 40mm crank stroke
- High wrist pin piston
- 6 flap Dio reed valve
- 21mm OKO flat side carb with 3 jets
- K&N style mesh air filter
- ½ Gal. Fuel tank w/fuel cap, fuel valve, fuel filter, and fuel line
- 36 or 44 Tooth, rear drive sprocket
- 2 Plate rear sprocket attachment kit
- Chain guard, 415 heavy duty chain, and ball bearing chain idler
- Standard chrome muffler
- Twist throttle with engine kill switch
- New quick release clutch handle
- Large front mount for bicycles that have large down tubes
- Spark plug socket tool and gear removal tool
- Standard ball bearing chain tensioner
- All mounting hardware and gaskets
- 6-Month limited warranty

Dio Upgrades!

- Dio Cylinder with CNC block
- Dio Reed Valve
- OKO Carburetor

Performance 2-Stroke Parts

HIGH PERFORMANCE CNC HEAD **\$49.99**

This performance upgrade part for Zeda80 2-stroke engine kits is CNC machined from billet aluminum and offers improved cooling which can improve performance 20-30% and extended engine life. Designed for use with the Firestorm Zeda 80 & PK80 but can be used on most 66-80cc 2 stroke bicycle engine.

ITEM: ENGL-CH



FLEX FIT MOTO-X PIPE **\$49.99**

This muffler was not only designed to enhance the looks of your motorized bike but to also increase your 2 stroke engines performance, giving you more torque at low revs while offering a mild amount of sound reduction. The stainless-steel flexible hose makes this exhaust quick and simple to install on most engine kits and versatile enough to fit in almost any configuration on your bicycle.

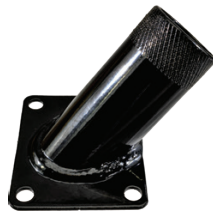
ITEM: ENGL-PPMC



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

This custom intake allows the carb and air filter to be positioned more in-line with your bike reducing pedal interference. Compatible with our DIO kit OKO carburetor.

ITEM: ENG2S-DIOINT



UPGRADED 2-STROKE CDI **\$19.99**

Maintain a consistent high-energy spark to the spark plug. Fuel burns more cleanly improving performance.

ITEM: ENGL-CDI



ZEDA88 PERFORMANCE PIPE **\$69.99**

Performance upgrade for Zeda80 2-stroke engine kits. Enhances power output. Includes mounting hardware.

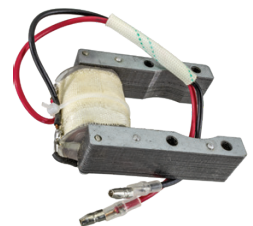
ITEM: ENGL-EXP



OZ SUPER MAGNETO **\$19.99**

This upgraded CDI will produce a more consistent spark allowing for quicker starts, stronger spark, and more power.

ITEM: ENGL-OZMAG



DUAL WINDOW PISTON KIT **\$24.99**

Windowed pistons allow trapped fuel to escape from underneath the piston changing the transfer sooner, providing more power and efficiency, and keeping your engine cooler and running longer.

ITEM: ENGL-PKWDW



T-BELT DRIVE CONVERSION KIT **\$119.99**

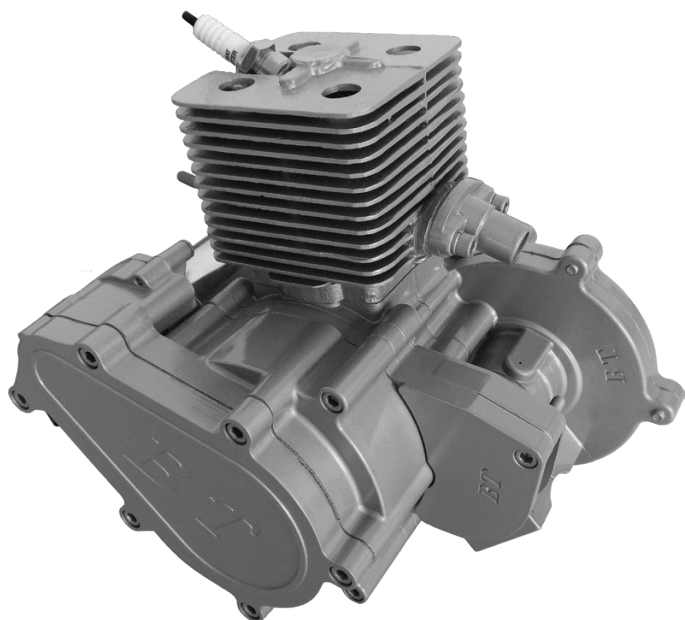
Easily convert your chain driven 2-stroke engine kit to a low maintenance, no mess, lightweight, nearly silent t-belt drive. The T belt has the advantage of putting down the torque of the engine much more smoothly and gradually than the chain drive counterpart.

ITEM: ENGL-TBELTKIT



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

Electric Start 2-Stroke Complete Kit



E-STORM V2

80cc 2-STROKE KIT
\$269.99

Electric Start!



KIT INCLUDES:

- BT80 2-Stroke 80cc/66cc Engine
- 2.0+ HP @ 6000 RPM
- Push Button Electric Start
- 44Tooth, 9 Hole Chrome 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
- Standard NT Carburetor
- Needle Bearings On Piston Wrist Pin
- Upgraded 415 Heavy Duty Chain
- Standard Chain Guard
- All mounting brackets, gaskets, hardware
- Wide frame mounting for bikes with large down tubes
- 6-Month Limited Warranty Included - FREE

Electric Start 2-Stroke Replacement Parts

THROTTLE SWITCH
\$14.99

Standard OEM replacement part.

ITEM: ENGJL-BT-TSWTCH



THROTTLE GRIP SET
\$19.99

Standard OEM replacement part.

ITEM: ENGJL-BT-THGRP



BT80 CDI
\$19.99

Standard OEM replacement part.

ITEM: ENGJL-BT-CDI



OUTER ROTOR
\$24.99

Standard OEM replacement part.

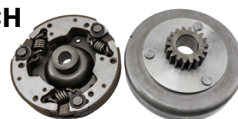
ITEM: ENGJL-BT-ORTR



AUTOMATIC CLUTCH
\$29.99

Standard OEM replacement part.

ITEM: ENGJL-BT-AC



VOLTAGE REGULATOR
\$14.99

Standard OEM replacement part.

ITEM: ENGJL-BT-VR



CYLINDER BODY
\$39.99

Standard OEM replacement part.

ITEM: ENGJL-BT-CYLB



MOUNTING BRACKETS
\$4.99

Standard OEM replacement part.

ITEM: ENGJL-BT-ENGMB



BT80 SPARK PLUG
\$4.99

Standard OEM replacement part.

ITEM: ENGJL-BT-SP



GENERATOR COIL
\$24.99

Standard OEM replacement part.

ITEM: ENGJL-BT-GC



STARTING MOTOR
\$39.99

Standard OEM replacement part.

ITEM: ENGJL-BT-STRTM



PISTON RING SET
\$4.99

Standard OEM replacement part.

ITEM: ENGJL-BT-PSTNR



CHROME MUFFLER
\$24.99

Standard OEM replacement part.

ITEM: ENGJL-BT-MUFF



STARTING RELAY
\$14.99

Standard OEM replacement part.

ITEM: ENGJL-BT-STRTR



BT80 PISTON
\$11.99

Standard OEM replacement part.

ITEM: ENGJL-BT-PSTN



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

Universal Accessories

ALUMINUM TWIST THROTTLE KIT \$19.99

Standard billet aluminum twist throttle with cable set and matching left hand grip. Mounts to any standard handlebar assembly. Includes built-in kill switch.

ITEM: ENG2S66-THKS



BLACK RUBBER HANDLEBAR GRIPS \$9.99

Increase your comfort and control with these grippy ridged pattern rubber bike grips. The rubber compound is lightweight, cushioned and super-durable. 4.75 inches long.

ITEM: ENGJL-TBBBL



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.

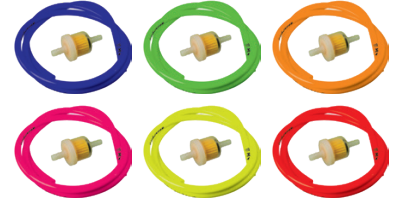
ITEM: ENGJL-RBGAS



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



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



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



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!

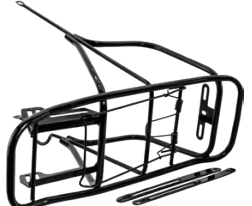
ITEM: ENGJL-SSB



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 50T



Complete Bikes, Frames, & Bike Parts



Available in 4 colors 

SCREAMING DEMON V2 26" ENGINE READY COMPLETE BICYCLE \$499.99

ITEM: ENGLJL-AB

BIKE FEATURES:

- 26" heavy duty frame designed specifically for gas engine applications.
- Built in 3.74L gas tank
- Pedestal mount for Zeda 2-stroke engines
- Single crown front fork with suspension
- 26 x 1.95" Kenda tires on 26" 6-spoke Mag wheels
- Front disc brake, with side pull caliper rear brake
- Dual drive rear wheel - 22T freewheel pedal side, 44T engine drive side
- 1-Piece crank with 44T chain ring
- Center kickstand, pedals, stem, flat handlebars, saddle and seat post included



26" BICYCLE ENGINE FRAME WITH REMOVABLE GAS TANK

\$229.99 ENGLJL-ZFRAMERT

FRAME FEATURES:

- 26" Aluminum frame designed specifically for 2 or 4-stroke gas engine applications.
- Removable gas tank.
- Pedestal mount for ZEDA80 2-stroke engines
- Bare aluminum finish - ready to paint or powder coat!
- Includes brass fuel valve with mesh filter.



2-Stroke Pedestal Mount
Rubber Ride Cushion



26" GTA BICYCLE ENGINE FRAME

\$119.99 FA150-26FRAME

FRAME FEATURES:

- 26" heavy duty frame designed specifically for 2 or 4-stroke gas engine applications.
- Featherweight 6069 aluminum construction with built in 2.4L gas tank - no rusting!
- Includes complete thread-less headset.
- Large bottom bracket for 1 piece cranks. 150mm rear drop out.
- Designed to allow mounting of V-caliper rear brakes and HD axle kits.
- Specially designed to align front and rear engine chain sprockets.
- Cool and clean brushed aluminum finish - ready to paint or clear coat as is!

TRIPLE TREE FRONT FORK \$49.99

Whether you need to replace a damaged fork or are looking for a stylish replacement, you will be satisfied with our non-suspension triple tree bicycle fork. Clamp for head tube and forks included. Built to fit a men's 26" bicycle frame.

ITEM: ENGLJL-SFRK



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

BIKE WHEEL & HD AXLE KIT

\$89.99

This heavy-duty axle and wheel kit allows the rear sprocket to attach directly to the hub so your spokes and wheel won't warp and features spacers to get the perfect chain alignment. The kit also includes a disc brake rotor and includes a pre-installed 6 speed cassette for the bicycle drivetrain. Use with our GT bicycle engine frames. Available in 150 mm widths.

ITEM: WH150-26WHDAX (150mm drop out)



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, & red.

ITEM: ENGLJL-SMAGSET

 Black Blue Red

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