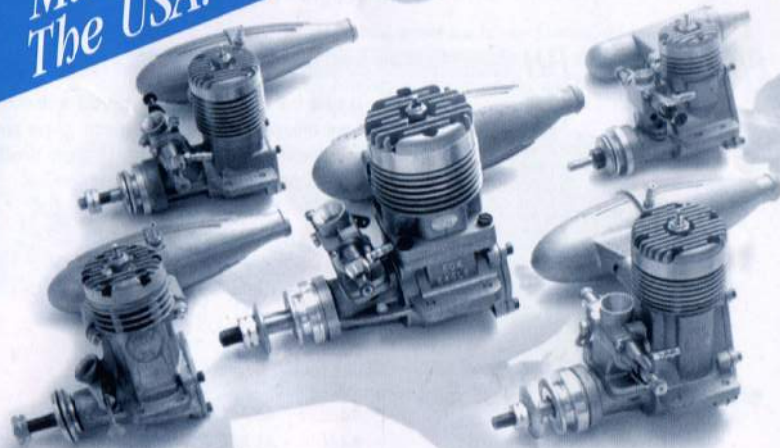




**MANUFACTURING COMPANY**

*Liftoff with the best  
model airplane parts...*

**Made In  
The USA!**



*...from Fox!*

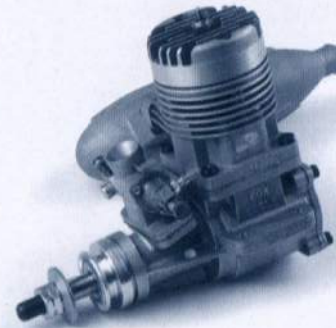
Since 1948 Fox Manufacturing Company has been building the world's finest model airplane motors. We still hand hone and hand lap all of our iron piston and ABC motors. Fox airplane motors are proudly made in America.

5305 Towson Avenue • Fort Smith, AR 72901  
Ph (479) 646-1656 • Fax (479) 646-1757  
www.foxmanufacturing.com e-mail: foxmotors@aol.com

# FOX MOTORS

## *Fox 60/74 BB Ring Motors* (60 available in ABC)

Double ball bearing, schnuerle ported, the Eagle 4 is offered with either a conventional ring type piston and cylinder, or with an ABC cylinder and piston. Cylinder casting can be turned to side or rear exhaust. Equipped with new EZ Single Needle carburetor.



60 Size:

74 Size:

Bore: .905

Bore: 1.000

Stroke: .937

Stroke: .937

Disp: .604 cu in

Disp: .736 cu in

13,000 RPM with 11-6 prop.

12,700 RPM with 11-8 prop.

Weight: 19 oz

Weight: 19 oz

#60026 - 60 ABC R/C

#74027 - 74 R/C Ring

#60016 - 60 ABC C/L

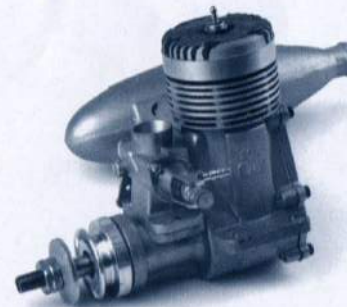
#74010 - 74 C/L Ring

#60027 - 60 R/C Ring

#60010 - 60 C/L Ring

## *Fox 46 ABC BB*

Double ball bearing, schnuerle ported, with chrome brass cylinder liner, aluminum piston. Super powerful, user friendly, equipped with new EZ Single Needle carburetor. Comes with polished spinner nut.



Bore: .860

Stroke: .790

Disp.: .459 cu in

14,500 RPM with 10 - 6 prop

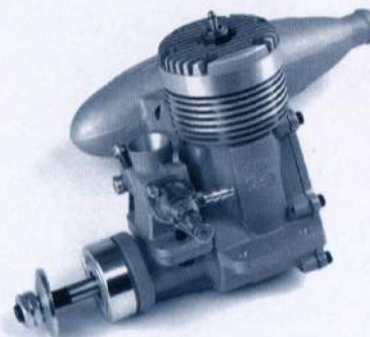
Weight: 13 oz

#46026 - 46 ABC R/C

#46016 - 46 ABC C/L

## *Fox 45BB*

Double ball bearing, schnuerle ported, will fly most 60 size kits. Piston has one ring. This motor has a long reputation of reliability and durability. Comes with polished spinner nut.



Bore: .850

Stroke: .790

Disp.: .449 cu in

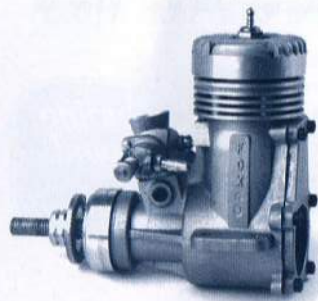
13,500 RPM with 10 - 6 prop

Weight: 12 oz

#45020 - 45BB R/C

#45010 - 45BB C/L

## Fox 40 ABC Deluxe



Double ball bearing, chrome brass cylinder liner, aluminum piston, makes this a durable, powerful motor. Schnuerle ported, and new EZ Single Needle carburetor. Comes with polished spinner nut.

Bore: .840  
Stroke: .715  
Disp.: .396 cu in  
12,800 RPM with 10-6 prop  
Weight: 9.5 oz

#40026 - 40 ABC R/C  
#40016 - 40 ABC C/L

## Fox 40

(Bushing and 40 Ball Bearing)

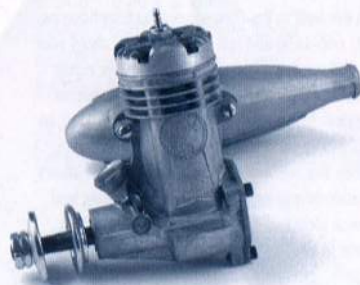


Bushing model has bronze bearing, schnuerle ported. A good inexpensive sport model. Ball Bearing model has two bearings, schnuerle ported, and both motors have new EZ Single Needle carburetor.

Bore: .840  
Stroke: .715  
Disp.: .396 cu in  
12,800 RPM with 10 - 6 prop  
Weight: 9.5 oz

#40024 - 40 Bushing R/C  
#40014 - 40 Bushing C/L  
#40020 - 40BB R/C  
#40010 - 40BB C/L

## Fox 35 Stunt

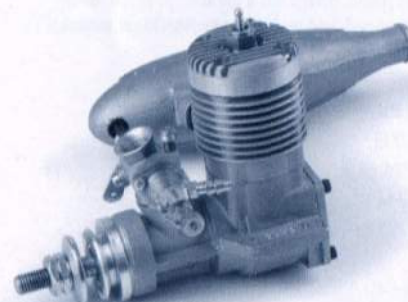


In production since 1948, current motor is near replica of 1951 model. Only in control line form. A million or more modelers have learned to fly with this motor.

Bore: .800  
Stroke: .700  
Disp.: .352 cu in  
10,200 RPM with 10-6 prop  
Weight: 7 oz

#35015 - Fox 35 Stunt

## Fox 25BB



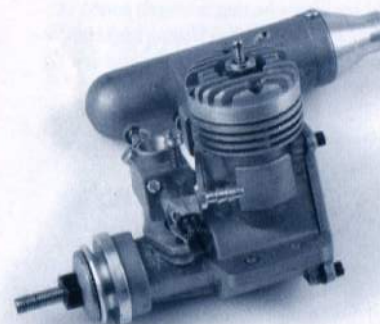
Double ball bearing, schnuerle ported, a real power house. Cylinder can be turned to exhaust from side or rear.

Bore: .680  
Stroke: .680  
Disp.: .247 cu in  
15,000 RPM with 9 -4 prop  
Weight: 8 oz

#25022 - 25BB R/C  
#25012 - 25BB C/L

**Coming  
Soon!**  
25BB with  
ceramic liner

## Fox 15BB



Double ball bearing, schnuerle ported, this powerful little motor brings a new standard of performance to the sport modeler. Features easy starting, superb power, long life, reliability, and practically crash resistant.

Bore: .590  
Stroke: .540  
Disp.: .15 cu in  
15,000 RPM with 8-4 prop  
Weight: 6 oz

#15020 - 15BB R/C  
#15010 - 15BB C/L

**NEW!**

## Motor Repair and Trade-In Policy

Fox has made the highest quality engines for over 50 years. All the engines we produce are check run and must come up to and hold the required RPM before shipping. During this check run, the carburetor is adjusted and the engine is checked through the range from idle to full throttle. The motor is then shut off and a final compression check is made. The glow plug or spark plug is checked for continuity and is replaced if it burned out on the check run.

If your Fox engine does need a repair, however, we repair them in a timely fashion. Remember Fox

engines are built in the USA, so you can telephone us at (479) 646-1656 and talk to our experts about your engine. If the repair needed is Fox's fault, we repair the engine for free. If not, we charge a minimum of \$20 for glow fuel engines and \$50 for gas engines, or the price of the parts which ever is more. Also remember that Fox has a trade-in policy which allows you to trade-in *any engine regardless of make* and purchase a glow fuel engine at 50% off Retail Price. This trade-in does not apply to gas engines.

# FOX ACCESSORIES

(See Purchase Order List for all available Fox Accessories)

## Fox Glow Plugs



World famous with space age technology. Short reach fits most 15 size motors. Long reach fits most others. Standard plug is for control line use. Idle bar and Miracle plug for R/C use. Miracle plug also works extremely well in 4 cycle motors, and retains heat better than all other types. 2-volt plugs are mainly for lead acid battery use. All other plugs are 1.5 volts. Thread is 1/4-32.

### 1.5Volt Plugs

- #4101 - Std. Short Plug
- #4201 - Std. Long Plug
- #4502 - R/C Short Plug
- #4602 - R/C Long Plug
- #4702 - Miracle Plug

### 2-Volt Plugs

- #4103 - 2-Volt Std. Short
- #4203 - 2-Volt Std. Long
- #4503 - 2-Volt R/C Short
- #4603 - 2-Volt R/C Long

### Gold Series 1.5Volt

- #4204 - Gold Std. Long Plug
- #4604 - Gold R/C Long Plug

### Pro Series #8 (NEW!)

- #4301 - Std. Short
- #4302 - Std. R/C Long Plug

## NEW! Glow Plugs

### FOX 4 CYCLE PLUG

#4901 - 1.5 Volt 4 Cycle Plug



### FOX HOT PLUG

#4902 - 1.5 Volt Hot Plug



## Remote Needles



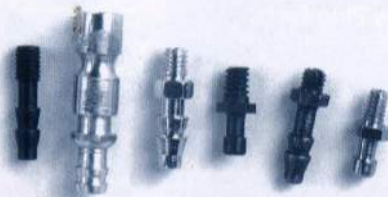
Remote Needle and Spray Bar.

#6229 - 35 Stunt

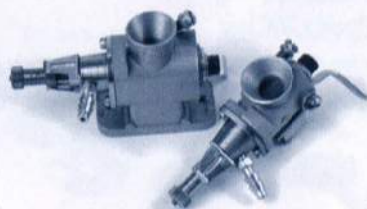
#6232 - (45 - 74) C/L

## Pressure Fittings

- #9510 - Self Tapping w/drill
- #9501 - 4-40 x 3/16 Hex
- #9502 - 6-32 x 3/16 Hex
- #1008 - 6-40 x 3/16 Hex
- #2008 - 6-40 For Medium Tubing
- #2009 - 6-40 For Large Tubing
- #6220 - Bladder Tank Fitting



## Carburetors



Carburetors are available for R/C and C/L.

- #2400 - E-Z Carb (40)
- #2500 - E-Z Carb (45-74)
- #2600 - 2-needle R/C Carb (40)
- #2700 - 2-needle R/C Carb (45-74)

www.foxmanufacturing.com

## Fox Bell Cranks

Available in both small and large size. An extremely strong and smooth operating crank.



#8678 - Small Bell Crank - 2" long

#8679 - Large Bell Crank - 3" long

## 35 Hemi Kit

This kit includes: Hemi Head, Head Button, Gaskets, Rear cover and bolts.



#35066 - 35 Hemi Kit

## Fox Mufflers

Available in either 15 degree downtilt or 15 degree uptilt style. Exception is for the Fox 15BB motor, available only in straight out style.



(See order form for proper number to order)

## Fox Muffler Extension

Extends muffler mounting 3/4" straight out from the motor.



#9240 - 40 size

#9250 - 45/46 size

#9260 - 60/74 size

## Fox 4-Way Wrench

Machined and chromed (not cast), will fit glowing plug, 5/16", 3/8", 7/16" or 1/2" shaft nuts.



#7104

## Fox Prop Reamer

4-step will ream props 3/16", 1/4", 5/16", and 3/8". Metric reamer will ream 7mm and 8mm.



#7201 - 4-Step Reamer

#7203 - 6, 7, & 8mm Reamer

#7207 - 10 & 12mm Reamer

AVAILABLE IN LONG & SHORT

## Blaster Plugs

by FOX  
Designed for  
Cars and Trucks

### Glow Plug Facts:

Fox Glow Plugs use a platinum alloy core. Platinum, when it comes in contact with alcohol, becomes hot (catalytic effect).

Nitromethane contains extra oxygen and assists alcohol based fuels to burn better.

Fox has been using Nitro since the mid 1950's, and we have been designing glow plugs to accommodate various nitro levels since the mid 1950's.

FOX HOT PLUG for fuel with 0% - 20% Nitro (for muffled engines only)

FOX MEDIUM PLUG for fuel with 5% - 40% Nitro (for use with all engines)

FOX COLD PLUG for fuel with 20% - 70% Nitro (for racing engines & boats)

## ABC Piston/Liner Assembly



#35051 - ABC Piston/Liner Assy. (35 Stunt)

#35052 - Ceramic Piston/Liner Assy. (35 Stunt)

## Fox Prop Shaft Extension

For those who need to put the propeller a little farther away from the motor.

#6520 - 10-32 Thread x 1/2" long

#6525 - 10-32 Thread x 3/4" long

#6530 - 1/4-28 Thread x 1/2" long

#6535 - 1/4 - 28 Thread x 3/4" long

#6540 - 5/16 - 24 Thread x 1/2" long

#6545 - 5/16-24 Thread x 3/4" long



## Fox Spinner Nuts

Turned from solid aluminum bar stock. Lets you use an electric starter without a lot of cost.

- #6503 - Spinner Nut 10-32
- #6504 - Spinner Nut 1/4-28
- #6508 - Spinner Nut 5/16-24
- #6510 - Spinner Nut 6mm
- #6511 - Spinner Nut 7mm
- #6512 - Spinner Nut 8mm
- #6513 - 1/4-28 Heavy Hub Spinner Nut (Brass)
- #6514 - 1/4-28 Safety Spinner
- #6515 - 5/16-24 Safety Spinner
- #6516 - 8mm x 1 Safety Spinner
- #6517 - 8mm x 1 1/4 Safety Spinner



## Miscellaneous Parts

See Purchase Order list for all available Parts and Accessories.



## Fox Fuels

Bakers Castor Oil

Available in 4 different formulas. Pure castor oil only used. (Contains no synthetics) Available in Quart or 4 Gallon Cartons. Cartons may be mixed formulas, if desired.

- #3010 - Superfuel - 5% Nitro - 29% Castor Oil (C/L or Break-In)
- #3020 - Duke's Fuel - 10% Nitro - 20% Castor Oil (C/L or R/C)
- #3040 - Gold Star - 5% Nitro - 20% Castor Oil (C/L or R/C)
- #3050 - Missile Mist - 24% Nitro - 17% Castor Oil
- #3080 - Formula 15 - 15% Nitro - 18% Castor Oil (R/C or Winter)

A complete line of Klotz Synthetic products available upon request. Also available: Castor/Klotz Synthetic Blend.



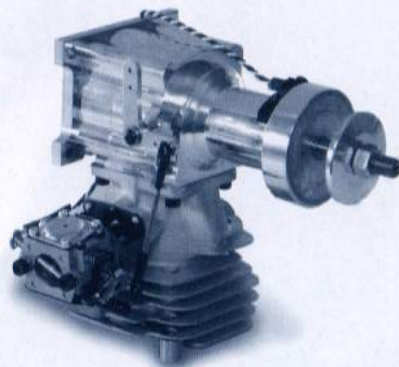
# FOX GAS ENGINES

## Fox 3.2 Engine

Gas engines are available in the following sizes: 2.4, 3.2, 4.2, 5.8, 4.8 twin and 6.4 twin.

Nikasil lined cylinder/Piston assembly by Makita/Dolmar, USA/Cantilever crankshaft with single bolt pro hub (3/8-24nf thread) Auto spark advance system with CH Electronic ignition. Walbro Carb., drilled and tapped for smoke.

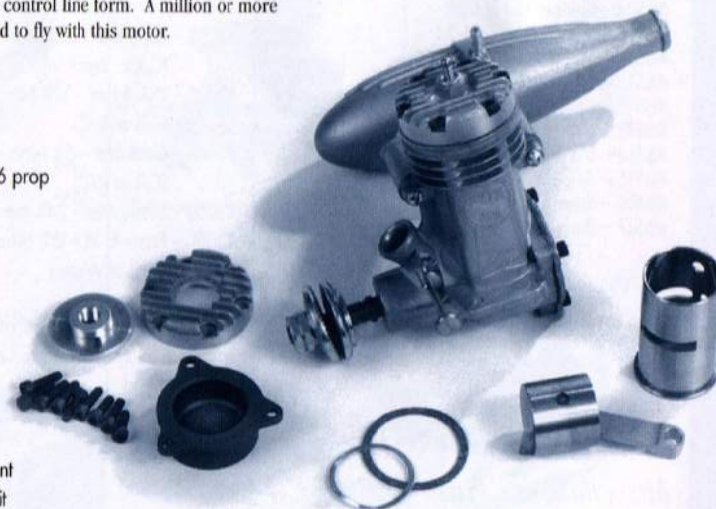
Fox has a complete line of products for your gas motor. From J&A Pitts style mufflers, to PK and Menz props even those hard to find Mejzlik props. View our complete line of large-scale items on our web site. If you can't find it there give us a call.



## Fox 35 Stunt with Accessories

In production since 1948, current motor is near replica of 1951 model. Only in control line form. A million or more modelers have learned to fly with this motor.

- Bore: .800
- Stroke: .700
- Disp.: .352 cu in
- 10,200 RPM with 10-6 prop
- Weight: 7 oz



- #35015 - Fox 35 Stunt
- #35066 - 35 Hemi Kit
- #35051 - ABC Piston/Liner Assy. (35 Stunt)
- #35052 - Ceramic Piston/Liner Assy. (35 Stunt)



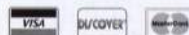
5305 Towson Avenue • Fort Smith, AR 72901  
Ph (479) 646-1656 • Fax (479) 646-1757

For ordering call:

**877-369-3883**

For technical information call:  
(479) 646-1656

www.foxmanufacturing.com  
e-mail: foxmotors@aol.com



*Look to Fox to Bring  
You New Products  
in the Near Future!*

## Fox 60 Stunt Control Line

**Now  
Available**

