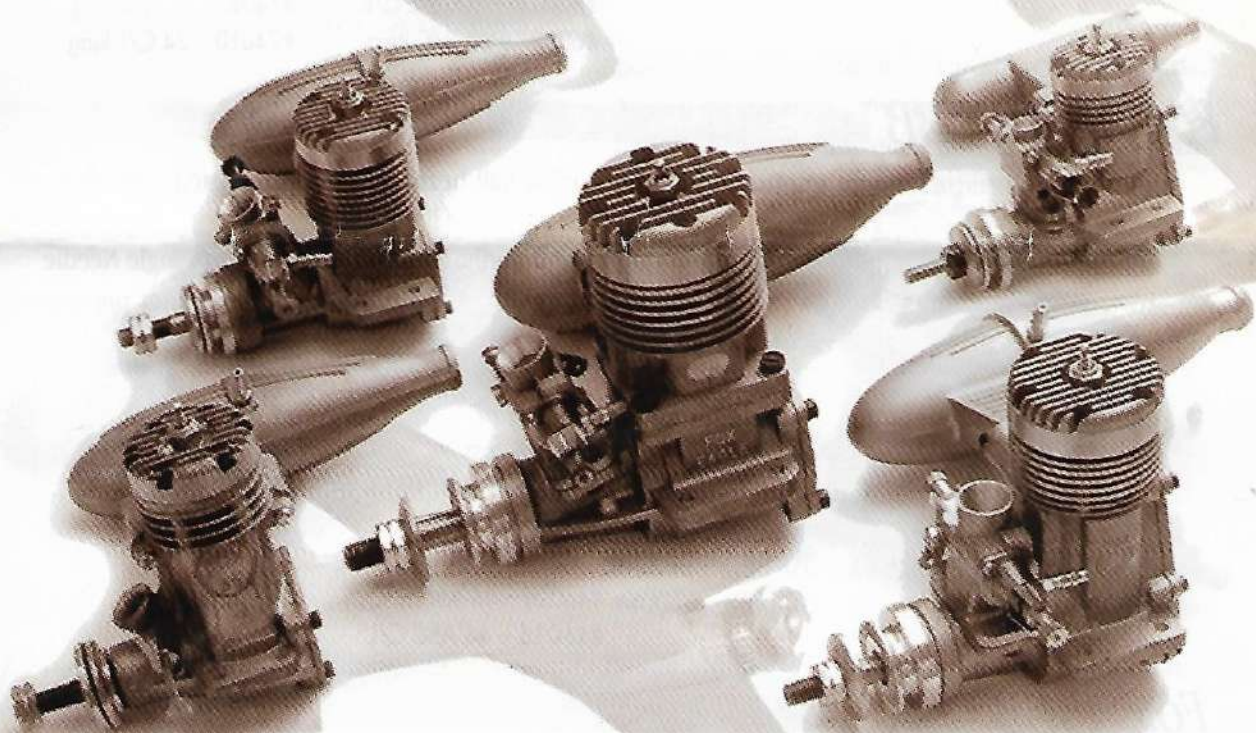


# FOX

## MANUFACTURING CO.



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



*...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.

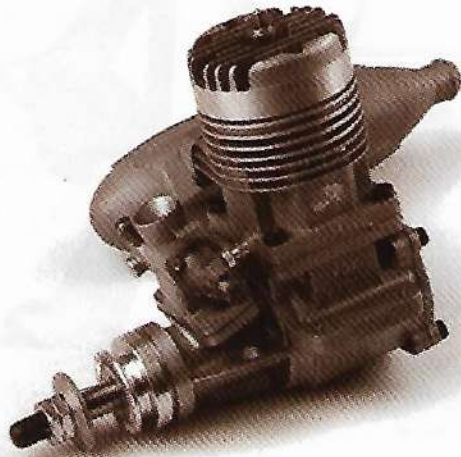
**Made In  
The USA!**

5305 Towson Avenue • Fort Smith, AR 72901 • Ph (501) 646-1656 • Fax (501) 646-1757  
www.foxmanufacturing.com e-mail: foxmotors@aol.com



# FOX MOTORS

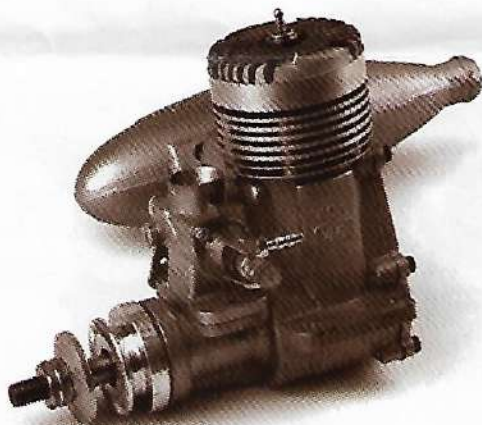
## *Fox 60/74 BB Ring Motors* (60 available in ABC)



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:	#60010 - 60 C/L Ring
Bore: .905	74 Size:
Stroke: .937	Bore: 1.000
Disp: .604 cu in	Stroke: .937
13,000 RPM with 11-6 prop.	Disp: .736 cu in
Weight: 19 oz	12,700 RPM with 11-8 prop.
	Weight: 19 oz
#60026 - 60 ABC R/C	
#60016 - 60 ABC C/L	#74027 - 74 R/C Ring
#60027 - 60 R/C Ring	#74010 - 74 C/L Ring

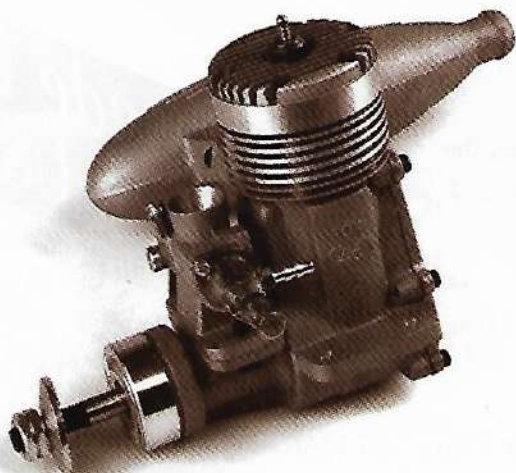
## *Fox 46 ABC BB*



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*

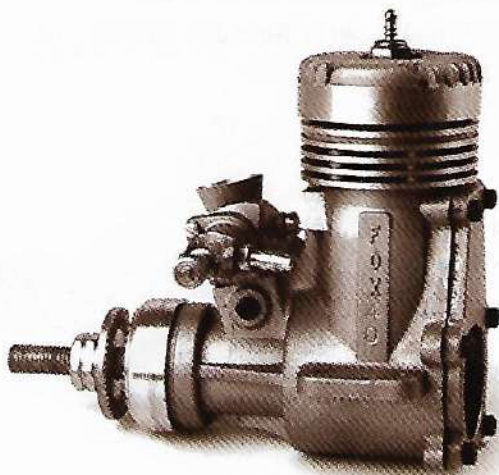


Double ball bearing, schnuerle ported, will fly most 60 size kits. Piston has one ring. This motor has a long reputation of reliability and durability. Comes with polished spinner nut.

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*

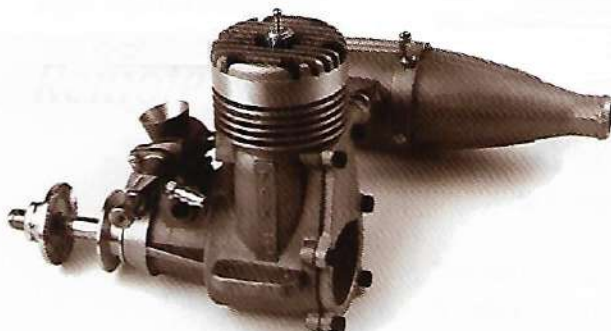


Double ball bearing, chrome brass cylinder liner, aluminum piston, makes this a durable, powerful motor. Schnuerle ported, and new EZ Single Needle carburetor. Comes with polished spinner nut.

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)*

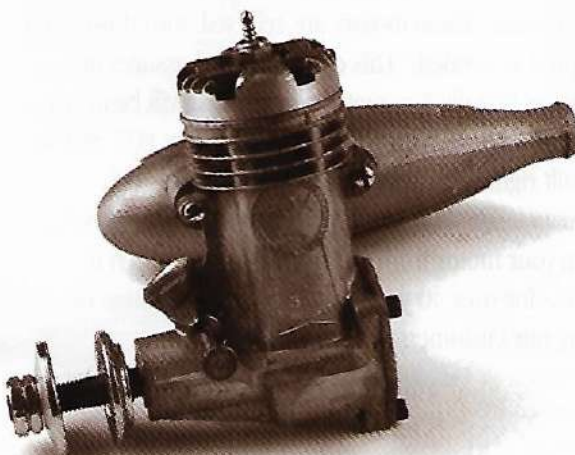


Bushing model has bronze bearing, schnuerle ported. A good inexpensive sport model. Ball Bearing model has two bearings, schnuerle ported, and both motors have new EZ Single Needle carburetor.

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*



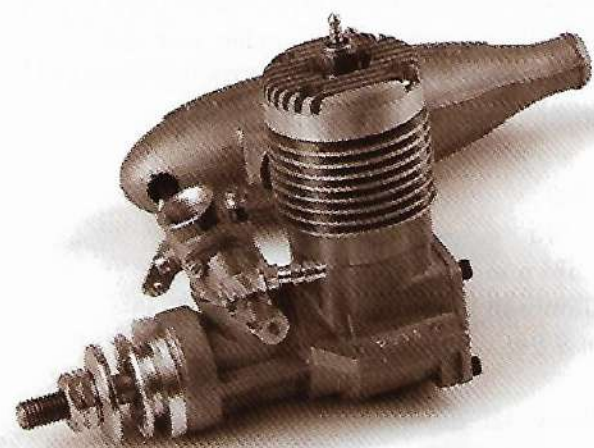
In production since 1948, current motor is near replica of 1951 model. Only in control line form. A million or more modelers have learned to fly with this motor.

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, schruerle 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

## Fox 15BB



Double ball bearing, schruerle 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

## Motor Repair Policy

Unlike most model engine manufacturers today, we still hand hone and hand lap all of our iron piston and ABC motors. All motors that we produce are check run and must come up to and hold the required RPM before shipping. During run in, the carburetor is adjusted, and the mixture is checked through the range from idle to full throttle. The motor is shut off, and a final compression check is made. The glow plug is checked for continuity and is replaced if burned out on the run in.

Even though we control our fits to much closer tolerance than in years past, we still occasionally get a motor that

just doesn't seem to run with much vigor, or has weak compression. These motors are rejected, torn down, and reworked as needed. This quality control assures our customers that the Fox motor they receive will be in A-1 condition. It is important, also, to know that FOX motors are built right here in the center of the U.S.A., with American labor. It is also good to know that you are buying your motor from a company that has been in business for over 40 years, and has every intention of serving our customers for another 40 years.



# 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.

### 1.5-Volt 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 1.5-Volt

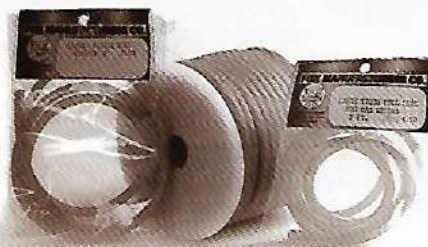
- #4204 - Gold Std. Long Plug
- #4604 - Gold R/C Long Plug

### Pro Series #8 (NEW!)

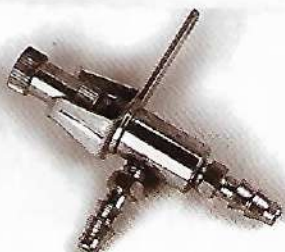
- #4301 - Std. Short
- #4302 - Std. R/C Long Plug

## Fox Fuel Line

- #8684 - Medium Silicone 3' Pkg.
- #8685 - Medium Silicone 50' Roll
- #8687 - Large Silicone 3' Pkg.
- #8688 - Large Silicone 50' Roll
- #8690 - Gas Fuel Tubing 3' Pkg.
- #8691 - Gas Fuel Tubing 30' Roll



## Remote Needles

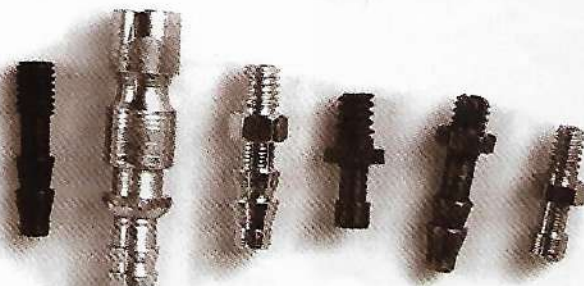


Remote Needle and Spray Bar.

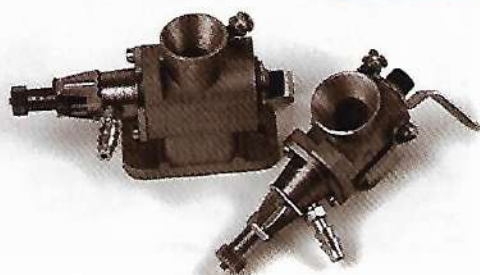
- #6229 - 35 Shunt
- #6232 - (45 - 74) C/L

## 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)



## 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

Chrome plated, 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.

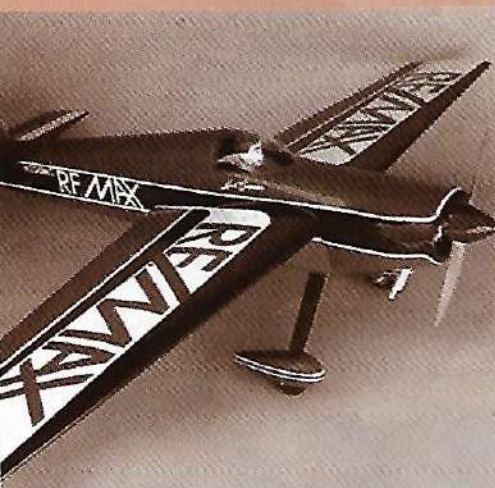


#7201 - 4-Step Reamer

#7203 - 7mm & 8mm Reamer

#7205 - 10mm Reamer

# LANIER RC



Technological Leaders of Plastic  
and Foam Model Aircraft.  
Call Fox for pricing.



## 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



## ABC Piston/Liner Assembly



#35051 - ABC 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

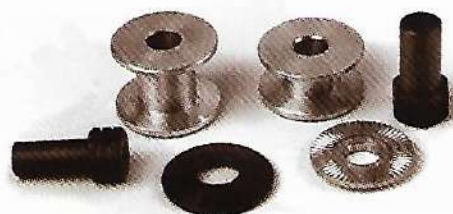
#6525 - 10-32 Thread x 3/4" long

#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





## Epoxies

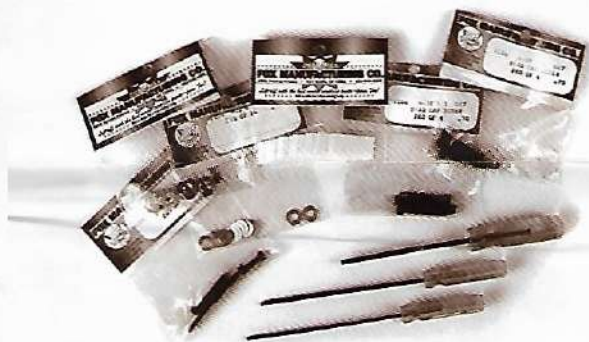


See Purchase Order list for all available Epoxies and Accessories.

- #6001 - Insta-Cure Super Thin Cyanoacrylate (1/2 oz. bottle)
- #6011 - Maxi-Cure Extra Thick Cyanoacrylate (1/2 oz. bottle)
- #6031 - Quick-Cure 5 Minute Epoxy (4-1/2 oz. package)
- #6039 - Finish-Cure 20 Minute Epoxy (4-1/2 oz. package)

## Miscellaneous Parts

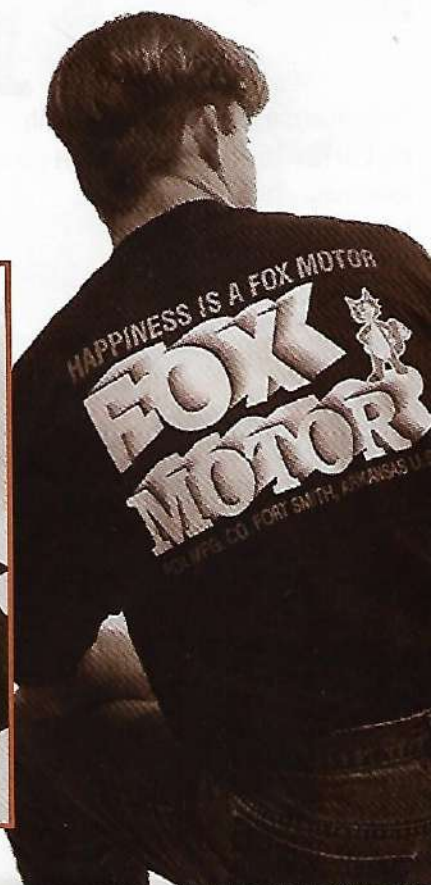
See Purchase Order list for all available Parts and Accessories.



## FOX APPAREL

Order your Fox apparel. Nylon jackets, hats and t-shirts available.

Please Specify Size: M, L, XL, XXL, or XXXL



## Fox Fuels

Bakers Castor Oil

Available in 4 different formulas. Pure castor oil only used.  
(Contains no synthetics) Available in 2 Gallon 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.

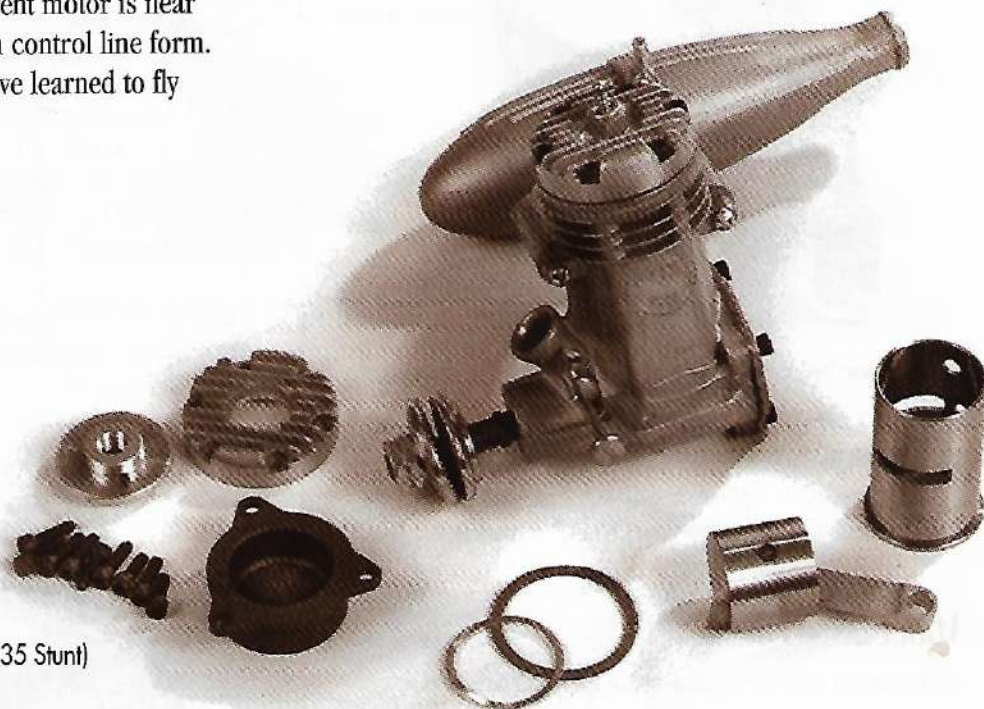




## *Fox 35 Stunt with Accessories*

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)



5305 Towson Avenue • Fort Smith, AR 72901  
Ph (501) 646-1656 • Fax (501) 646-1757  
[www.foxmanufacturing.com](http://www.foxmanufacturing.com)  
e-mail: [foxmotors@aol.com](mailto:foxmotors@aol.com)



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

