

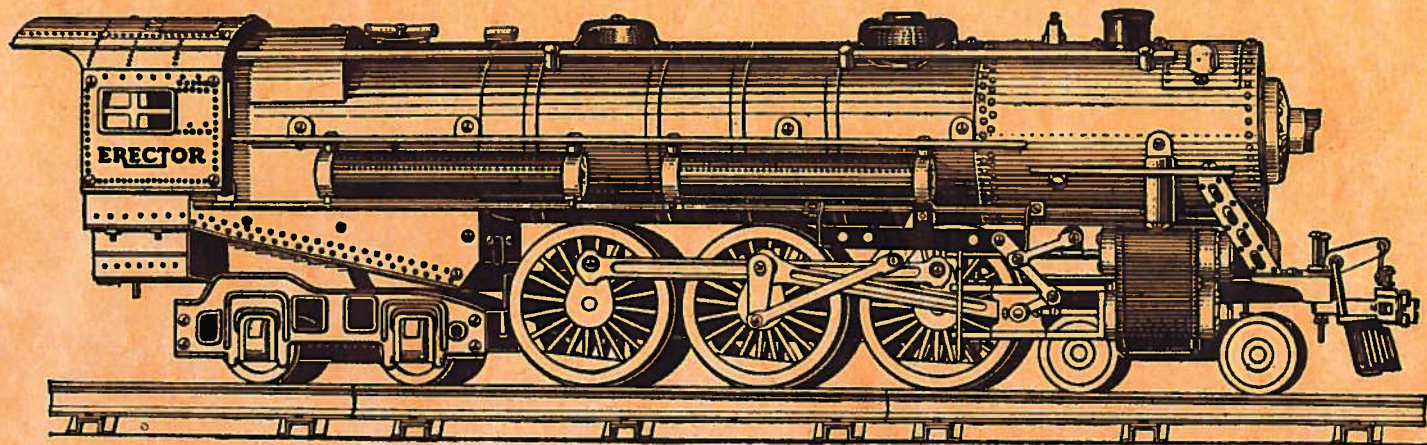
How To Make 'Em Book

ERECTOR™

HUDSON LOCOMOTIVE SET. NO. A

No. A

The Set that Builds
THE LOCOMOTIVE
and 12 other models



BY THE A. C. GILBERT COMPANY — New Haven, Conn. U. S. A.

THE ONLY CONSTRUCTION TOY WITH THE SQUARE GIRDER

Periscope Film LLC

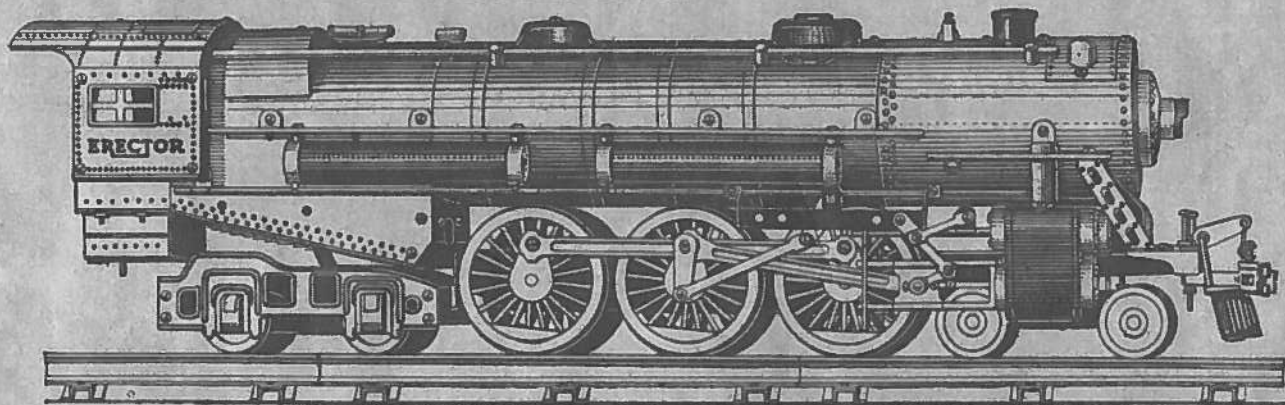
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Hello Boys!

I want to explain to you all about the Erector Family, the World's Standard in Construction Toys.

The Old Plan:—

The old type of Accessory Set merely converted one size construction toy set into the next higher-priced set. It mainly provided more parts of the same kind you already had.

The New Plan:—

Now when you obtain an Accessory Set, it will match with any standard Erector Set and in addition, the new Erector Family of Accessory Sets are complete units in themselves.

The Regular Erector Sets consist of:

- No. 1 Dandy Beginner's Set. Builds the square Girder and over 100 other models.....
- No. 3 The Set with the Long Girders. Builds over 200 models.
- No. 4 The Famous No. 4 with Powerful Electric Motor and gear box. Builds over 300 models
- No. 6 The Wonderful No. 6. The set that builds the Boiler Models and over 325 others
- No. 7 The new Big No. 7. The set that builds the Steam Shovel and over 350 other models.....
- No. 7½ The Sensational No. 7½ Erector. The set that builds the Chassis and over 400 other models..
- No. 8 The Twentieth Century No. 8. The set that builds the Super Locomotive and over 398 other sensational models
- No. 8½ The World's Champion No. 8½. The set that builds the Super Locomotive and Tender and 405 other sensational models.....
- No. 9 Mechanical Wonder Set with 110 volt Motor. The set that builds the Zepplin and over 450 other models
- No. 10 Deluxe Set. Builds all Erector Feature Models and over 500 others

The Erector family of Accessory sets consist of:—

- No. A The Set that builds the Locomotive and over 12 other models
- No. B Big Girder Set. The set that builds the Ferris Wheel and over 57 other models
- No. 3005 Electrical Set. The Set that Electrifies and Illuminates

These New Accessory Sets are for the purpose of featuring and specializing in certain types of Trumodel building, Construction Equipment, Electrification, Locomotive building, etc.

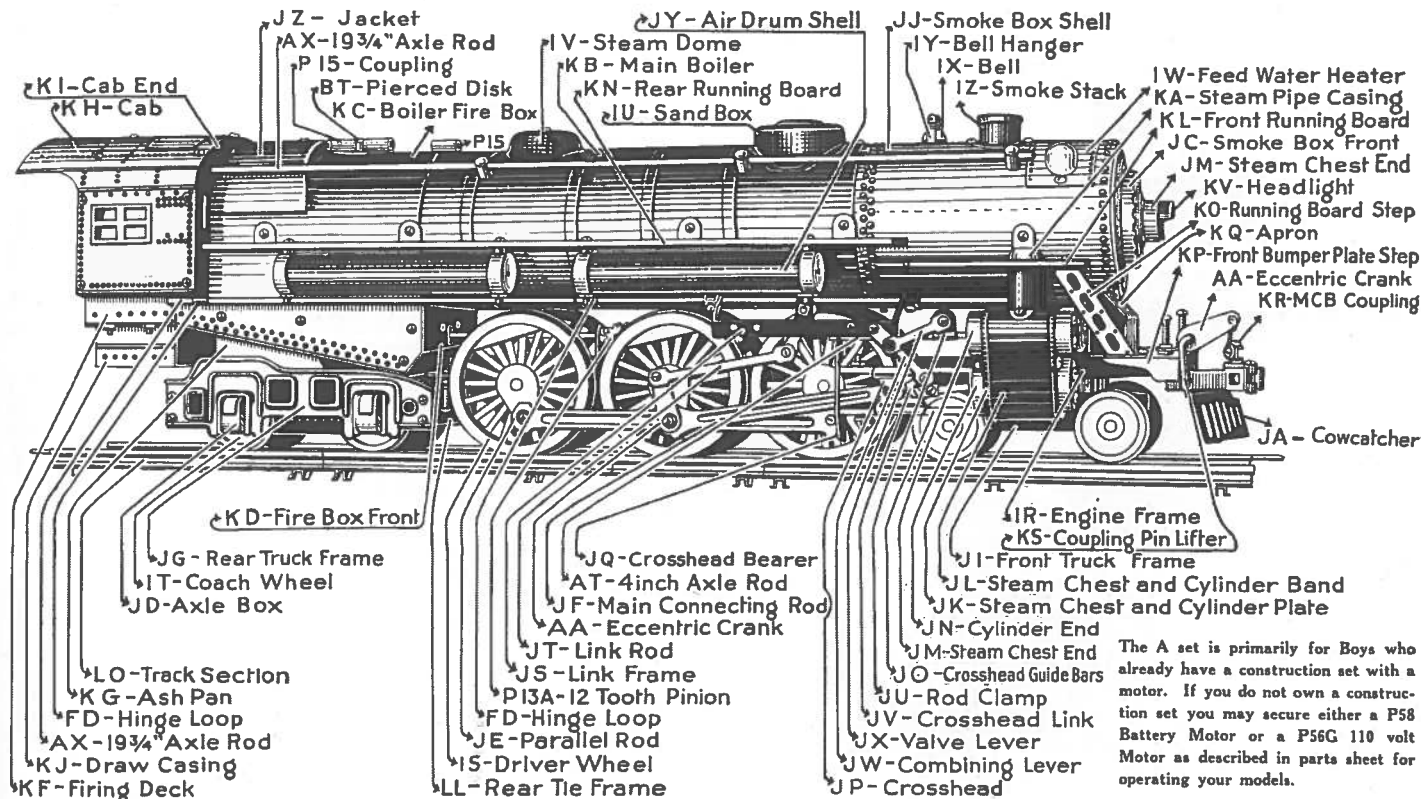
THERE IS WORLDS OF FUN IN ANY ERECTOR SET

Your Friend,

A.C. Gilbert

Models Built with No. A Set

SECTION A



The A set is primarily for Boys who already have a construction set with a motor. If you do not own a construction set you may secure either a P58 Battery Motor or a P56G 110 volt Motor as described in parts sheet for operating your models.

P50A

JN JM JP

IV

JQ JR

P52

KR HF

FD

IT

AC

P58G Universal Motor can be purchased separately

S 51 1/4 in.
S 52 1/2 in.
S 52 7/8 in.
S 57 13/8 in.
FA 13/4 in.

P58

P58 Battery Motor included with No. 8 and No. 8 Locomotive sets only

JC Z

AA KS

JY

KO KU KT LL

P57A 2" P57D 6" AT 4" P57E 8" AX 19 3/4"

KN KV

LH LU

P13A P13

LK IU

KL KM

KK

LC BT

KX

KG

KW

JK

IJ

IX

IY

JD KA

JA

KQ

KP

KJ

IS BH

N 21 JS

DT

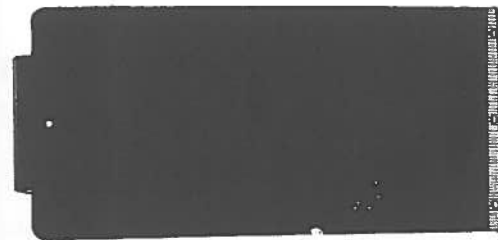
JO

LT

KF

IK

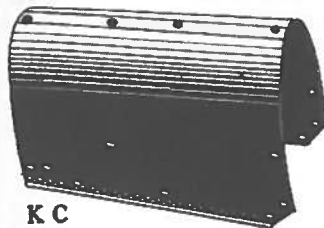
Locomotive and Tender Separate Parts



LG



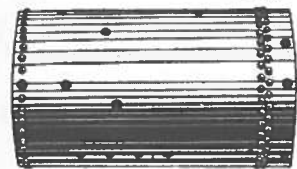
LA



KC



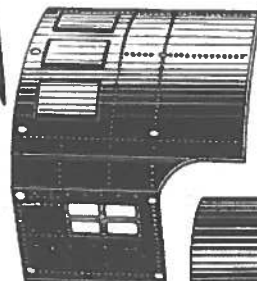
JZ



JJ



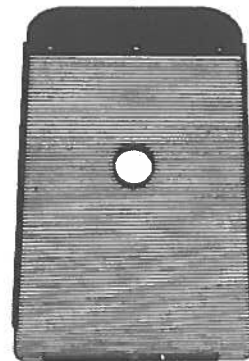
JL



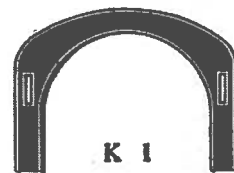
KH



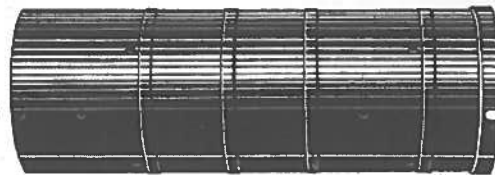
LS



LF



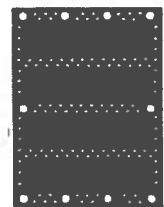
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KB

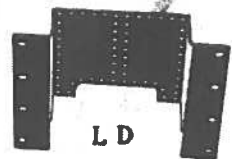


KE



LR

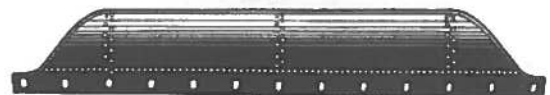
LB



LD



KZ



LE



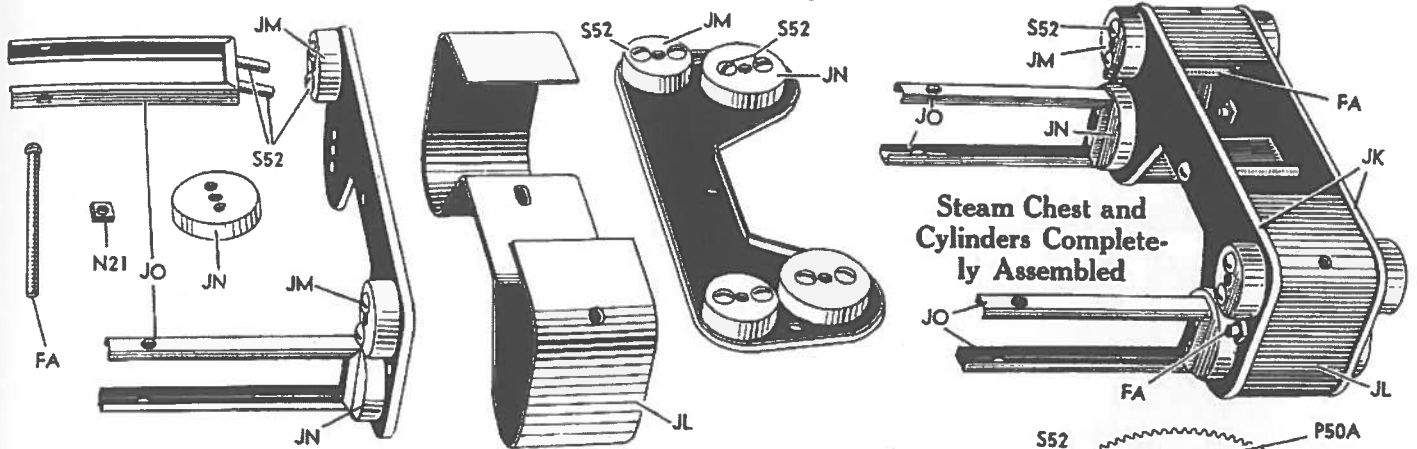
LOCOMOTIVE AND TENDER SEPARATE PARTS PRICES

Most all dealers carry Locomotive and Tender Separate Parts. If unable to obtain in your city, send us your check, money order or stamps for the parts you want and we will be glad to send your order direct from here if you will send us the name of your dealer.

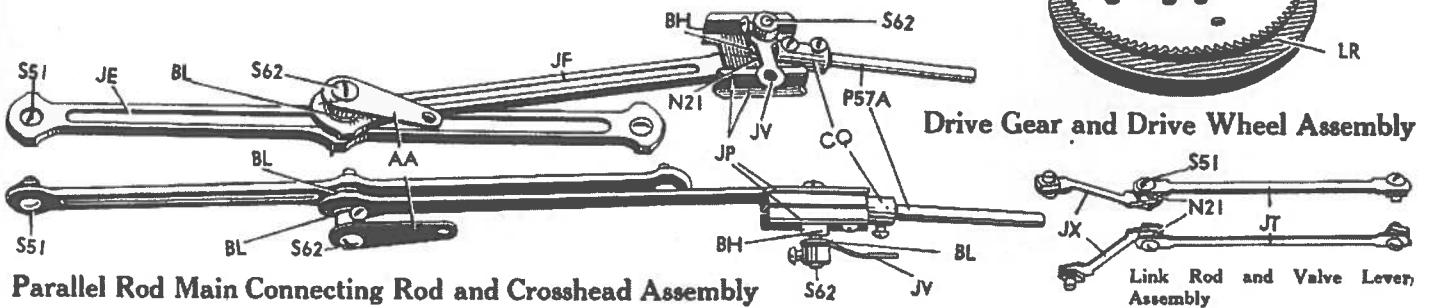
A. C. GILBERT COMPANY, NEW HAVEN, CONN., U. S. A.

Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price
IR	Engine Frame	3	25 ea.	JW	Combining Lever	2	2 for .05	IIF	Butt End Plate	2	10 ea.	FD	Hinge Loop	2	2 for .03
IS	Driver Wheels	2	.30 ea.	JX	Valve Lever	2	3 for .05	FA	1 1/2"x8-32 screw	2	.20 doz.	CH	Right Angle	2	.10 doz.
IT	Coach Wheel	2	.15 ea.	JY	Air Drum Shell	2	.05 ea.	I.L.	Rear Tie Frame	2	.05 ea.	AA	Eccentric Crank	2	.10 ea.
IU	Sand Box	3	.10 ea.	JZ	Jacket	3	.10 ea.	KW	Truck Frames	2	.10 ea.	H	11 Hole Strip	2	.15 doz.
IV	Steam Dome	2	.05 ea.	KA	Steam Pipe Casing	3	.05 ea.	KX	Truck Bolster	2	.05 ea.	W	Stack	2	.05 ea.
IW	Feed Water Heater	2	.05 ea.	KB	Main Boiler	3	.25 ea.	KZ	Tender Base Plate	3	.50 ea.	Z	Flanged Wheel	2	.15 ea.
IX	Bell	2	.15 ea.	KC	Boiler Fire Box	3	.10 ea.	LB	Tender Back Plate	3	.10 ea.	P36	Motor, 6 to 24 volts	2	.05 ea.
IY	Bell Hanger	2	.05 ea.	KD	Fire Box Front	2	.05 ea.	LC	Corner Plate	2	.05 ea.	P36D	Motor, 110 volts	2	3 25 ea.
IZ	Smoke Stack	2	.10 ea.	KE	Boiler Backhead	3	.10 ea.	LD	Front Fuel Board	3	.10 ea.	P32	Ladder Chain 11 in. long	2	.15 ea.
JA	Cow Catcher	2	.15 ea.	KF	Firing Deck	2	.10 ea.	LE	Side Fuel Board	3	.20 ea.	P5TA	2 in. Axle Rod	2	.02 ea.
JC	Smoke Box Front	2	.15 ea.	KG	Ash Pan	2	.10 ea.	LA	Tender Side Plate	3	.45 ea.	AT	4 in. Axle Rod	2	.04 ea.
JD	Axle Box	2	.05 ea.	KH	Cab	3	.50 ea.	LF	Back Fuel Bd with Deck	3	.30 ea.	P5TD	6 in. Axle Rod	2	.06 ea.
JE	Parallel Rods	2	.05 ea.	KI	Cab Ends	3	.50 ea.	LG	Fuel Slide	3	.20 ea.	P5TE	8 in. Axle Rod	2	.08 ea.
JF	Main Connecting Rods	2	.05 ea.	KJ	Draw Casing	2	.10 ea.	LH	Tender Step	2	.05 ea.	AX	19 1/4 in. Axle Rod	2	.20 ea.
JG	Rear Truck Frame, right	2	.10 ea.	KL	Front Running Board, right	2	.10 ea.	LI	Coupling Yoke	2	.05 ea.	DT	One set screw coupling	2	2 for .15
JH	Rear Truck Frame, left	2	.10 ea.	KM	Front Running Board, left	2	.10 ea.	IJ	Tank Handle	2	.05 ea.	P50A	72 Tooth Gear	2	.30 ea.
JI	Front Truck Frame	2	.10 ea.	KK	Firing Deck Plate	2	.05 ea.	LK	Tender Step Angle	2	.05 ea.	Not Illustrated			
JJ	Smoke Box Shell	3	.20 ea.	KN	Rear Running Board	2	.10 ea.	S51	1/4 x 8-32 Screws	2	.10 doz.	Trade No.	Name of Part	Price	
JK	Steam Chest & Cyl. Plates	2	.10 ea.	KO	Running Board Step	2	.10 ea.	S62	1/4 x 8-32 Screws	2	.15 doz.	G	7 hole strip	10 doz.	
JL	Steam Chest & Cyl. Band	3	.10 ea.	KP	Rear Bumper Plate Step	2	.10 ea.	S57	1-1/4 x 8-32 Screws	2	.20 doz.	I	41 hole strip	.50 doz.	
JM	Steam Chest End	2	.05 ea.	KQ	Apron	2	.05 ea.	S52	1/4 x 8-32 Screws	2	.12 doz.	S	Large Base Plate — 21 holes	.40 ea.	
JN	Cylinder End	2	.05 ea.	KR	M.C.B. Coupling	2	.45 ea.	N21	8-32 Square Nut	2	.15 doz.	AF	Small Hook	.15 doz.	
JO	Crosshead Guide Bars	2	.05 ea.	KS	Coupling Pin Lifter	2	.01 ea.	RH	Solid Collar	2	2 for .05	IO	Wood Screw	.15 doz.	
JP	Crossheads	2	.05 ea.	KT	1/4" Axle Rod 3 1/4" long	2	.05 ea.	P37	Formed Collar	2	.25 doz.	BN	Regular Turret Plate	.15 ea.	
JQ	Crosshead Bearer, right	2	.05 ea.	KU	1/4" Axle Rod 3 1/4" long	2	.06 ea.	P15	Coupling	2	.10 ea.	BL	Small Washer	.05 doz.	
JR	Crosshead Bearer, left	2	.05 ea.	KV	Headlight	2	.05 ea.	BT	Pierced Disc	2	.10 ea.	DF	12 in. Slotted Angle Strips	0 for \$.50	
JS	Link Frame	2	.05 ea.	LO	Track Section	2	.45 ea.	P13	12 Tooth Pinion	2	.10 ea.	LOCOMOTIVE MANUALS			
JT	Link Rod	2	2 for .05	LS	Jack	3	.05 ea.	P13A	12 Tooth Pinion (Special)	2	.10 ea.	No. A	Locomotive Manual	\$.25 ea.	
JU	Rod Clamp	2	.05 ea.	LT	Motor Support Bracket	2	2 for .05	CJ	36 Tooth Gear	2	.20 ea.	No. 8	Locomotive Manual	\$.25 ea.	
JV	Crosshead Link	2	2 for .05	LU	Offset Wrench	2	.05 ea.	AC	Universal Bracket	2	.10 ea.	No. 8 1/2	Locomotive Manual	\$.50 ea.	

Steps of Progress in Assembly of Locomotive

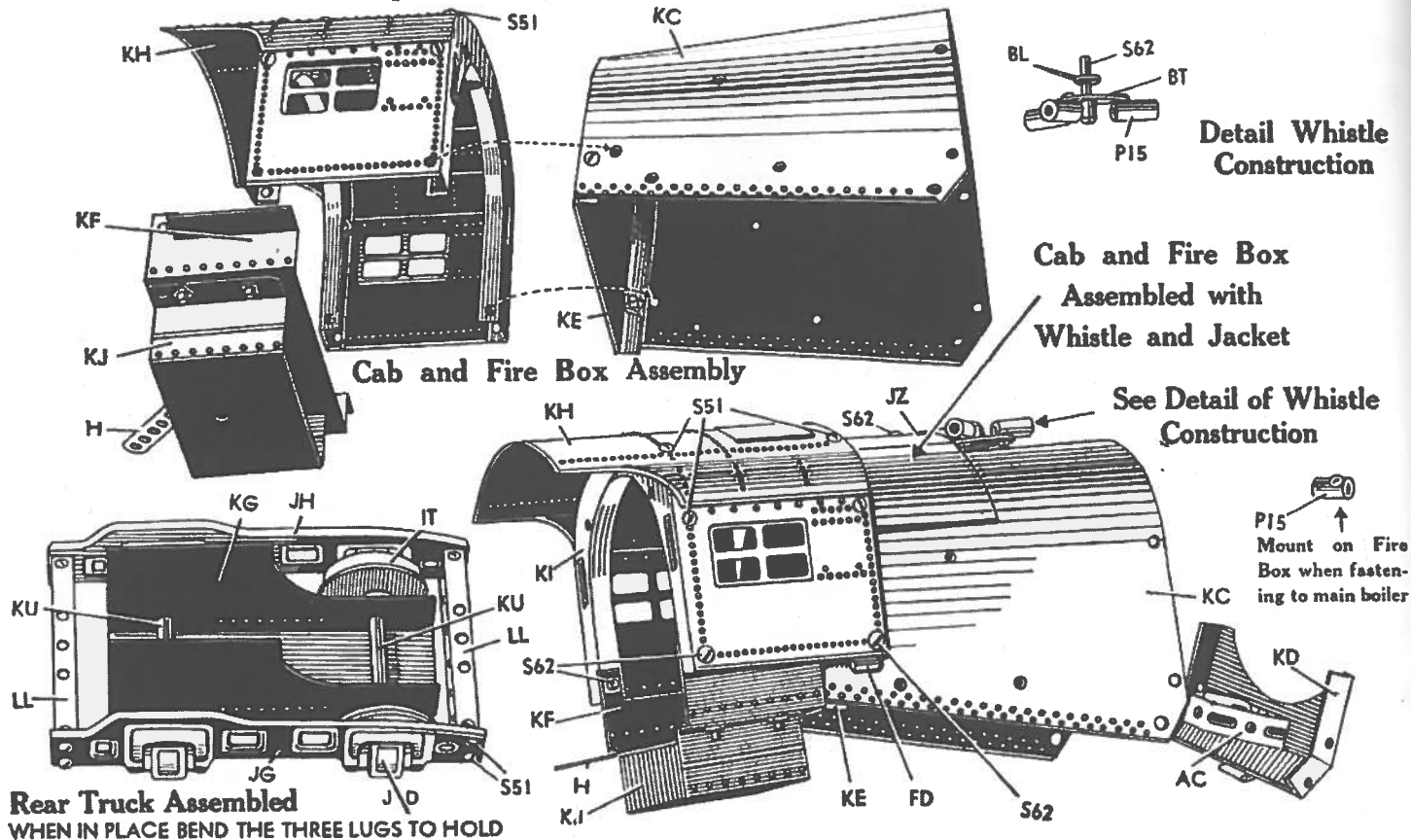


Steam Chest and Cylinders Assembly

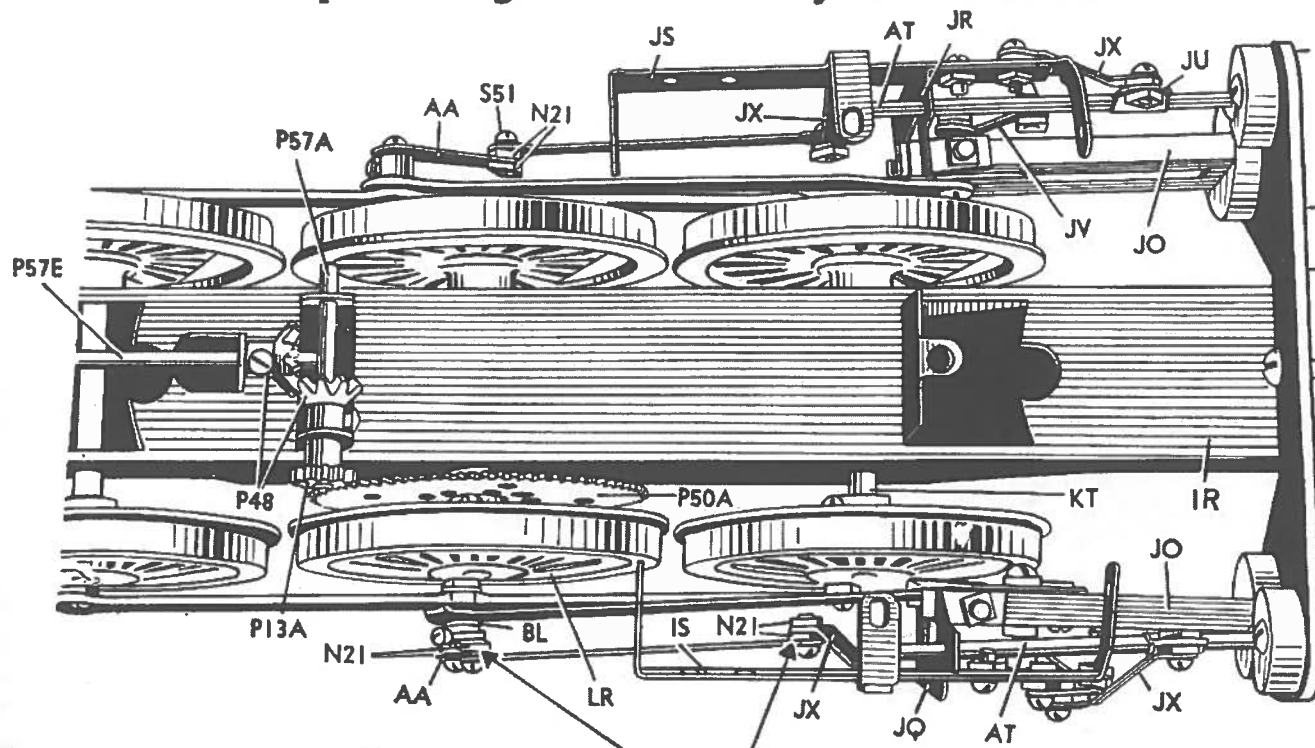


Parallel Rod Main Connecting Rod and Crosshead Assembly

Steps of Progress in Assembly of Locomotive



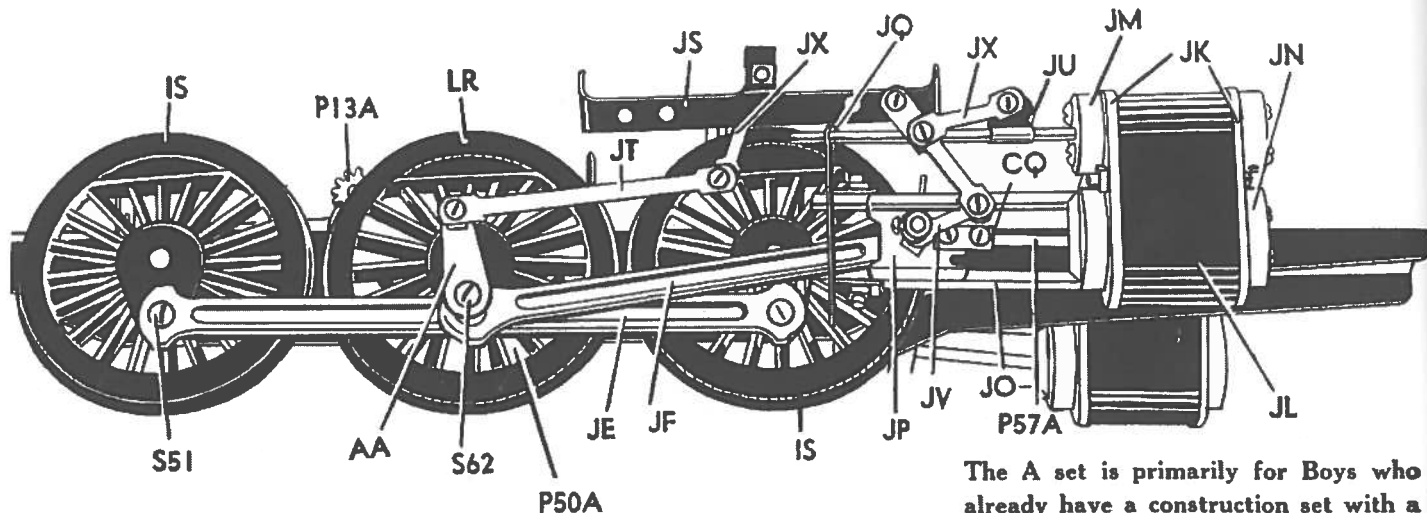
Steps of Progress in Assembly of Locomotive



Top view Engine Frame Assembly showing Gearing, Rod and Lever Construction

Lock all Jam nuts tightly

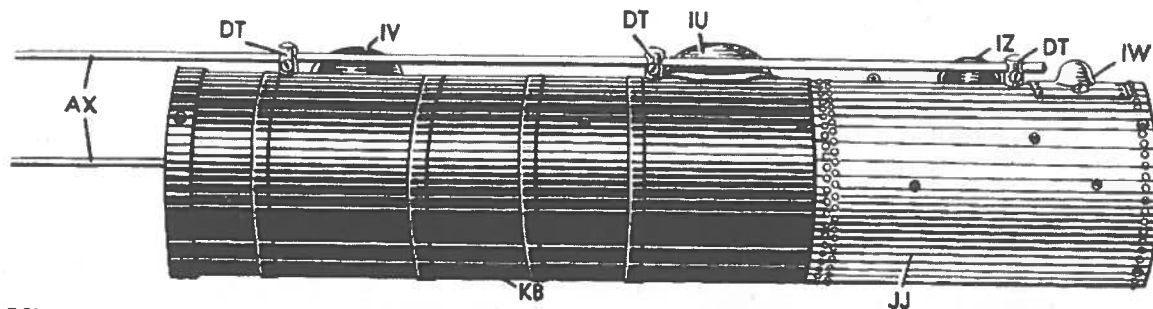
Steps of Progress in Assembly of Locomotive



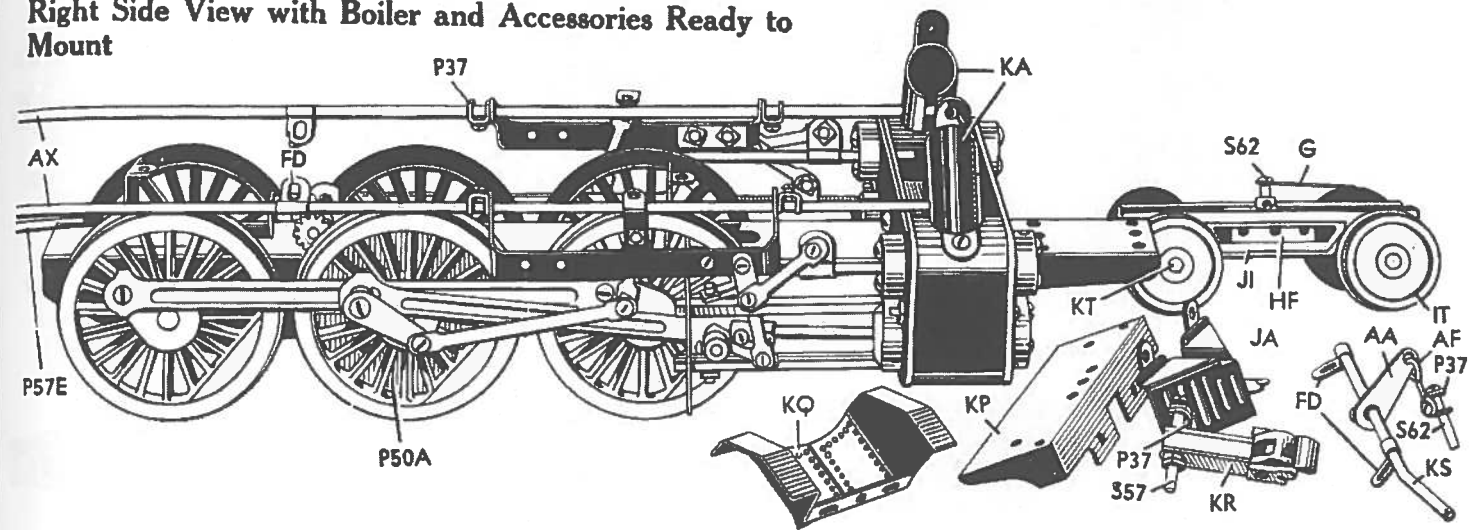
Right side view Driver and Lever constructions

The A set is primarily for Boys who already have a construction set with a motor. If you do not own a construction set you may secure either a P58 Battery Motor or a P56G 110 volt Motor as described in parts sheet for operating your models.

Steps of Progress in Assembly of Locomotive

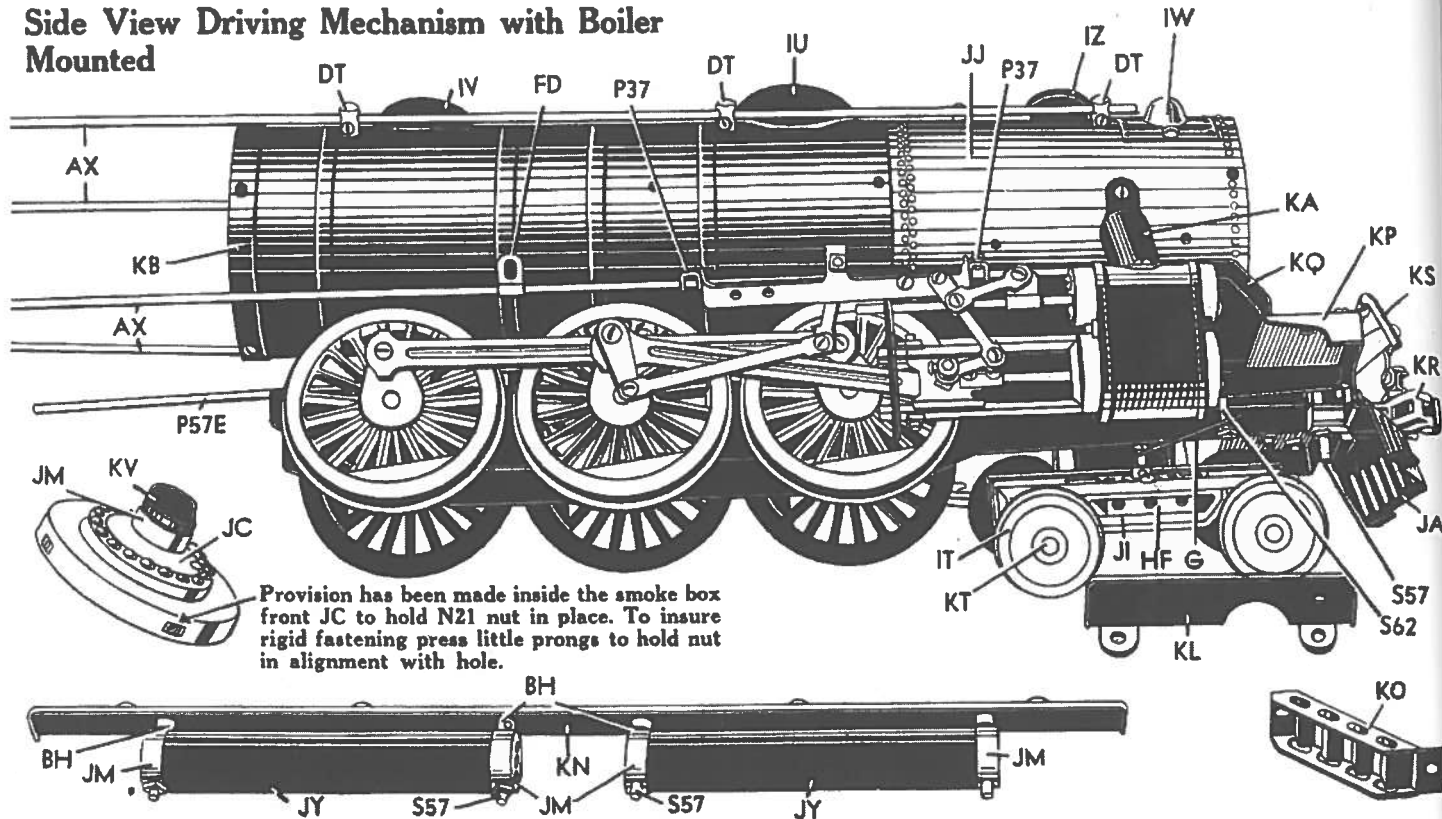


Right Side View with Boiler and Accessories Ready to Mount

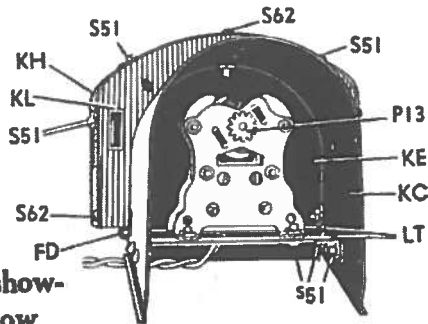


Steps of Progress in Assembly of Locomotive

Side View Driving Mechanism with Boiler Mounted



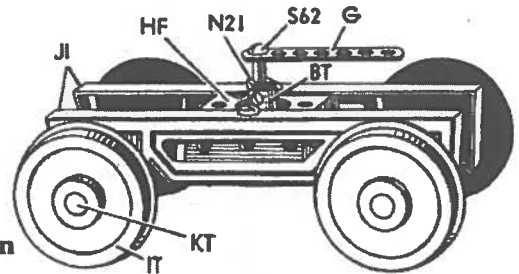
Steps of Progress in Assembly of Locomotive



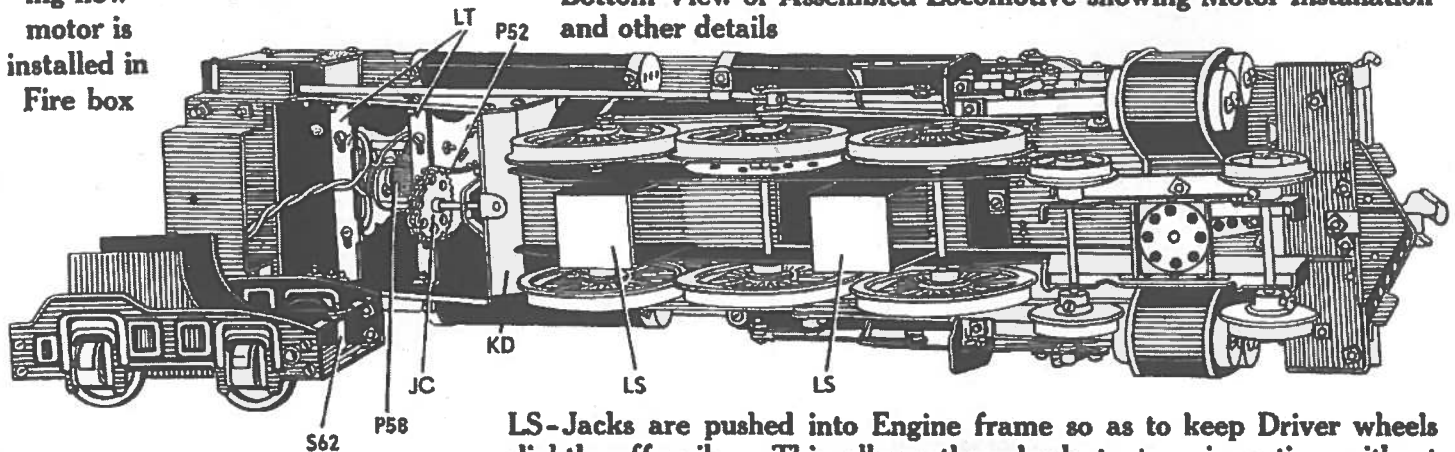
Detail showing how motor is installed in Fire box

The A set is primarily for Boys who already have a construction set with a motor. If you do not own a construction set you may secure either a P58 Battery Motor or a P56G 110 volt Motor as described in parts sheet for operating your models.

Front Truck Construction



Bottom View of Assembled Locomotive showing Motor Installation and other details

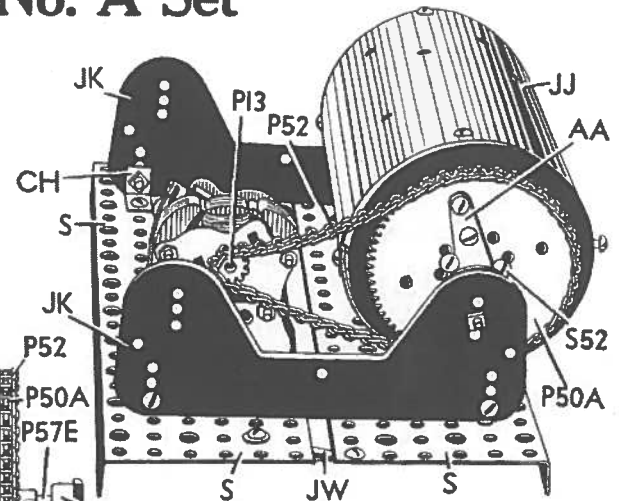
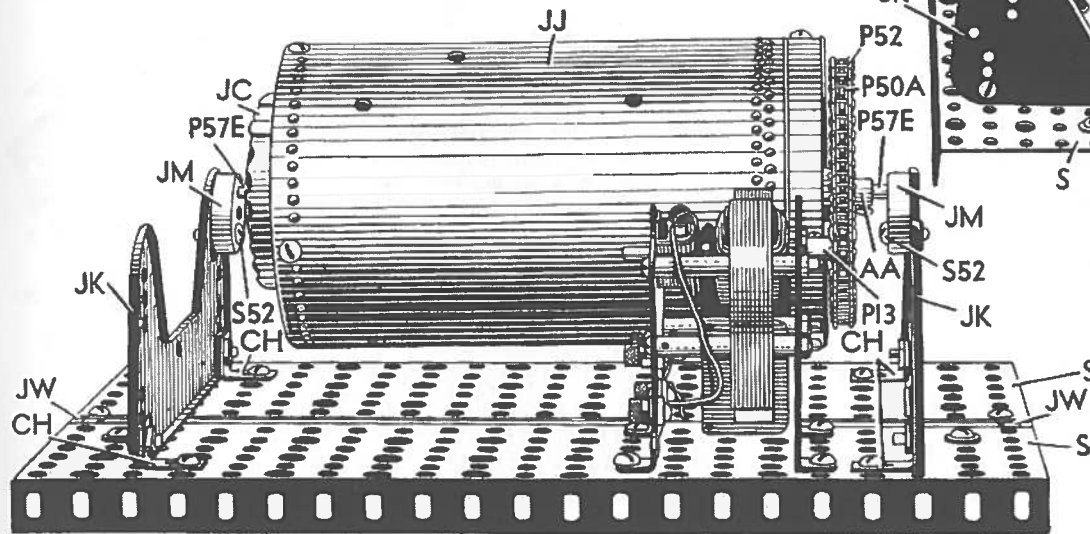


LS-Jacks are pushed into Engine frame so as to keep Driver wheels slightly off rails. This allows the wheels to turn in action without traveling. Jacks to be removed when traveling on rail.

不

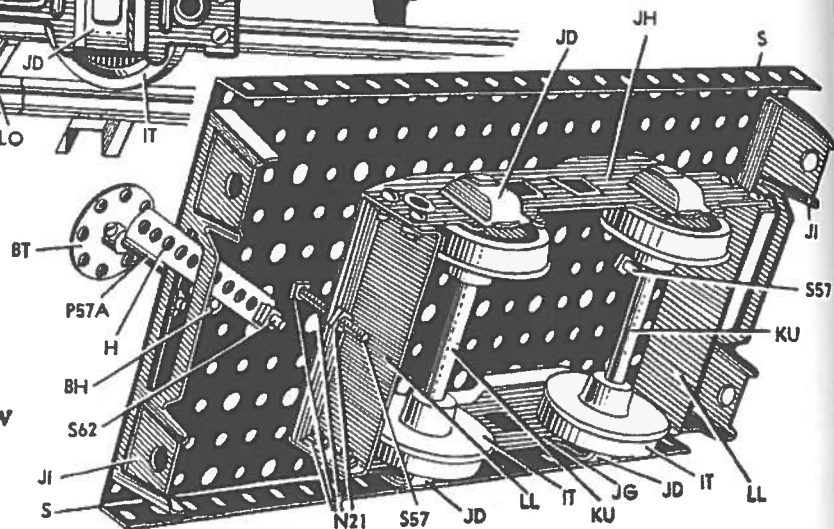
Models Built with No. A Set

Rolling Barrel – Front View



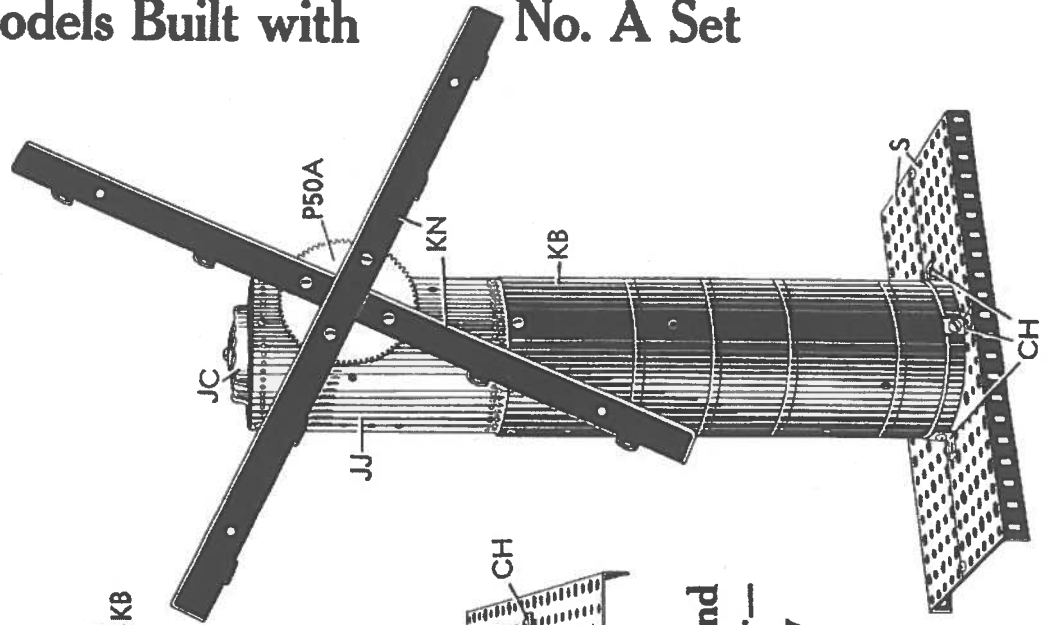
Rolling Barrel – Detail End View

Single Truck -- Flat Trailer - Underneath View

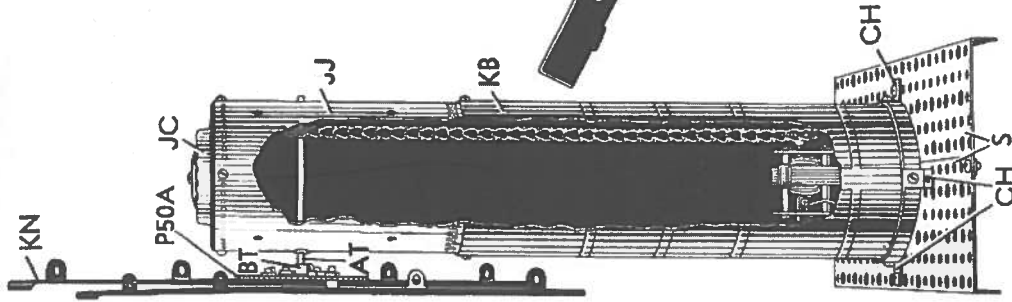


Models Built with No. A Set

Windmill and
Watertower—
General View

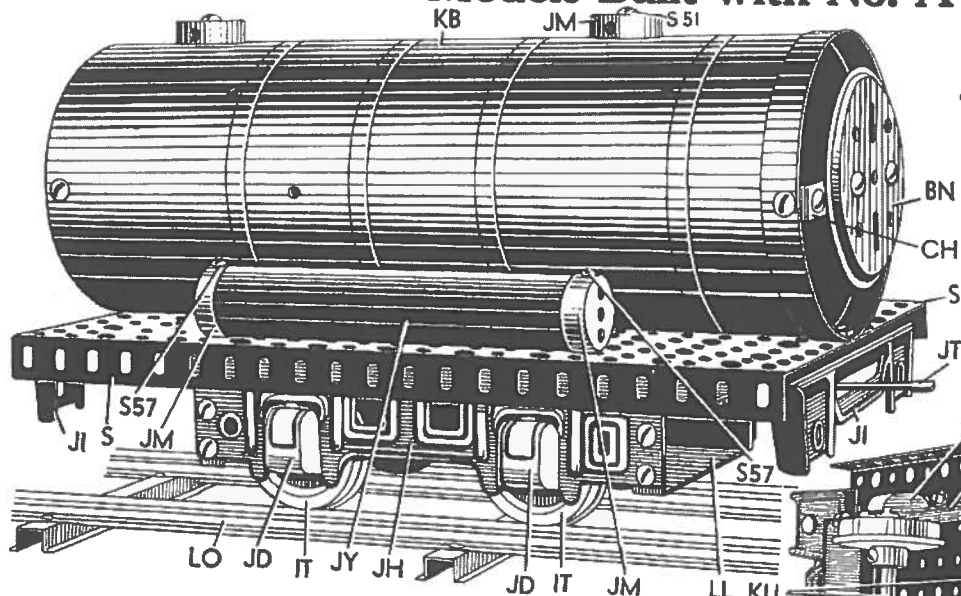


Windmill and
Watertower—
Side View

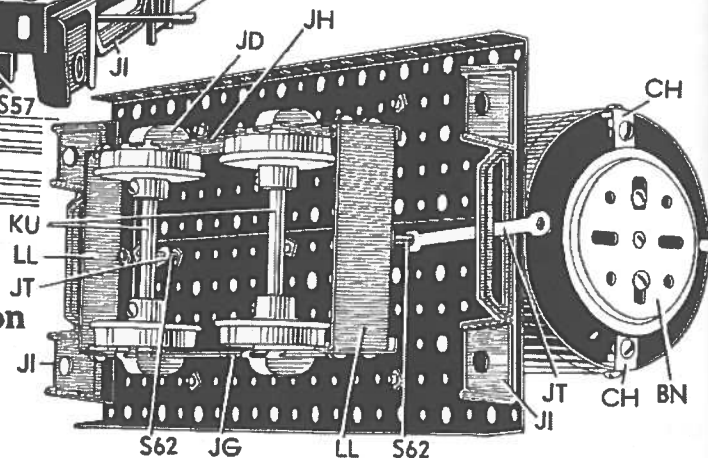


Models Built with No. A Set

Tank Car – General View

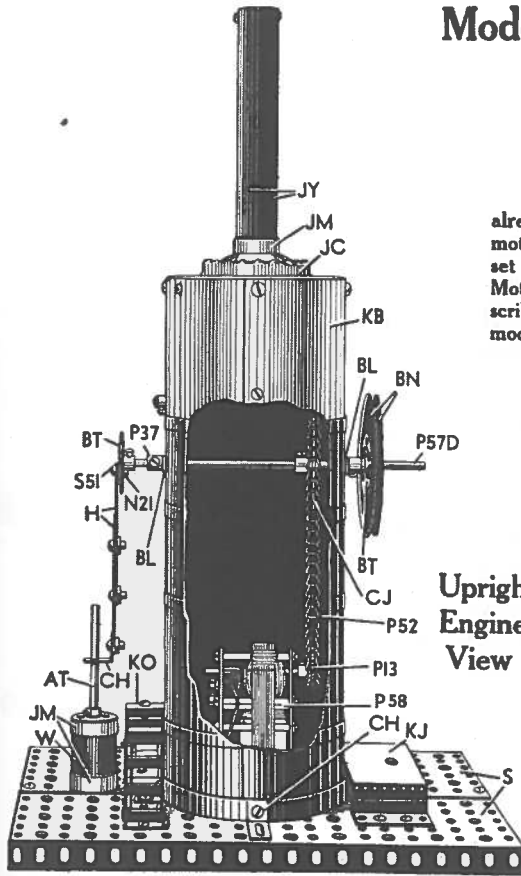


Tank Car – Bottom View – Under Construction

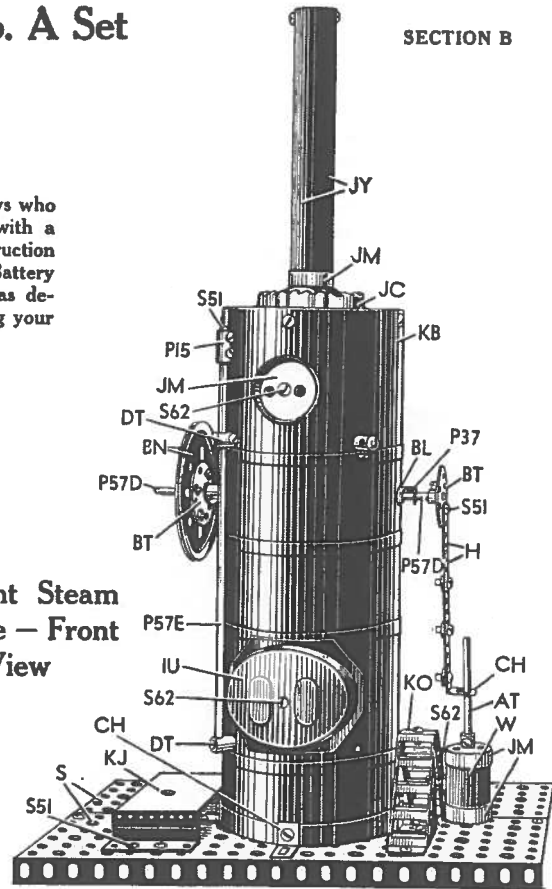


Models Built with No. A Set

The A set is primarily for Boys who already have a construction set with a motor. If you do not own a construction set you may secure either a P58 Battery Motor or a P56G 110 volt motor as described on parts sheet for operating your models.



**Upright Steam
Engine - Back
View - Open**

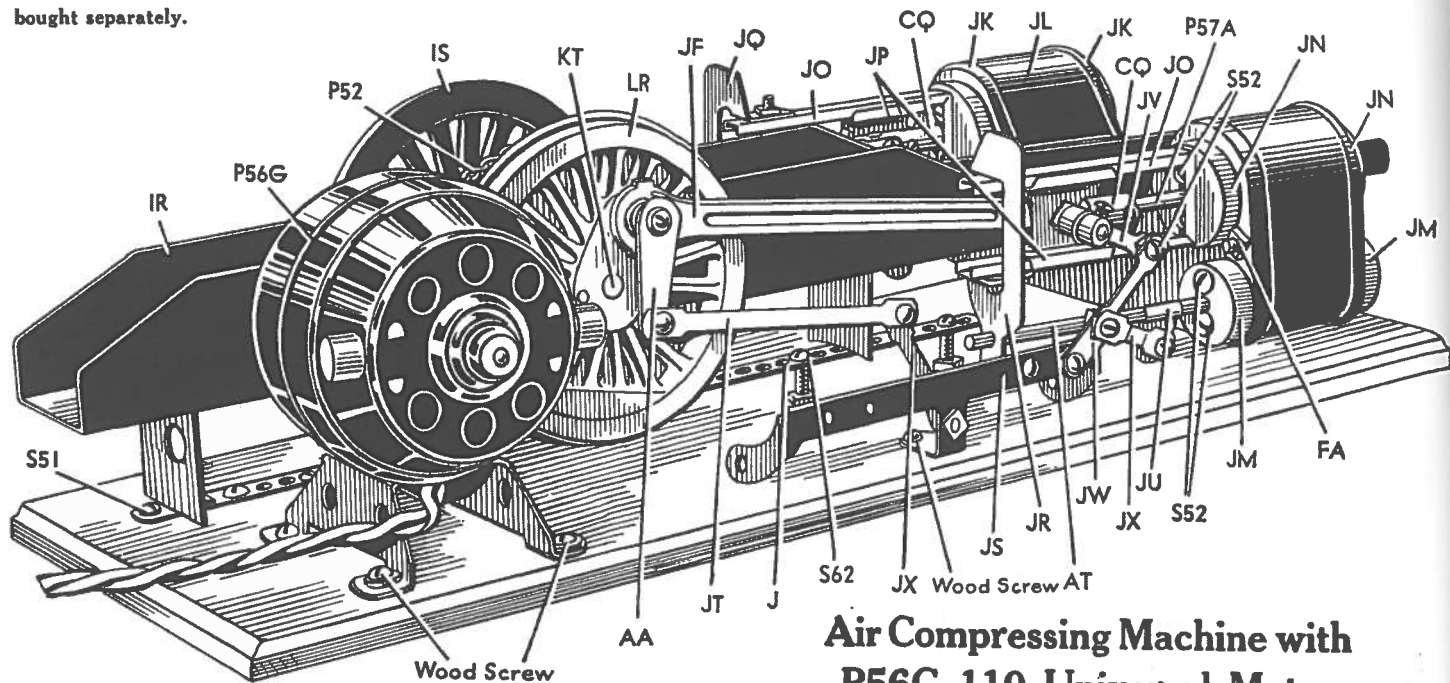


SECTION B

**Upright Steam
Engine - Front
View**

Models Built with No. A Set

P56G Motor not furnished in sets
A, No. 8 and No. 8½. Can be
bought separately.

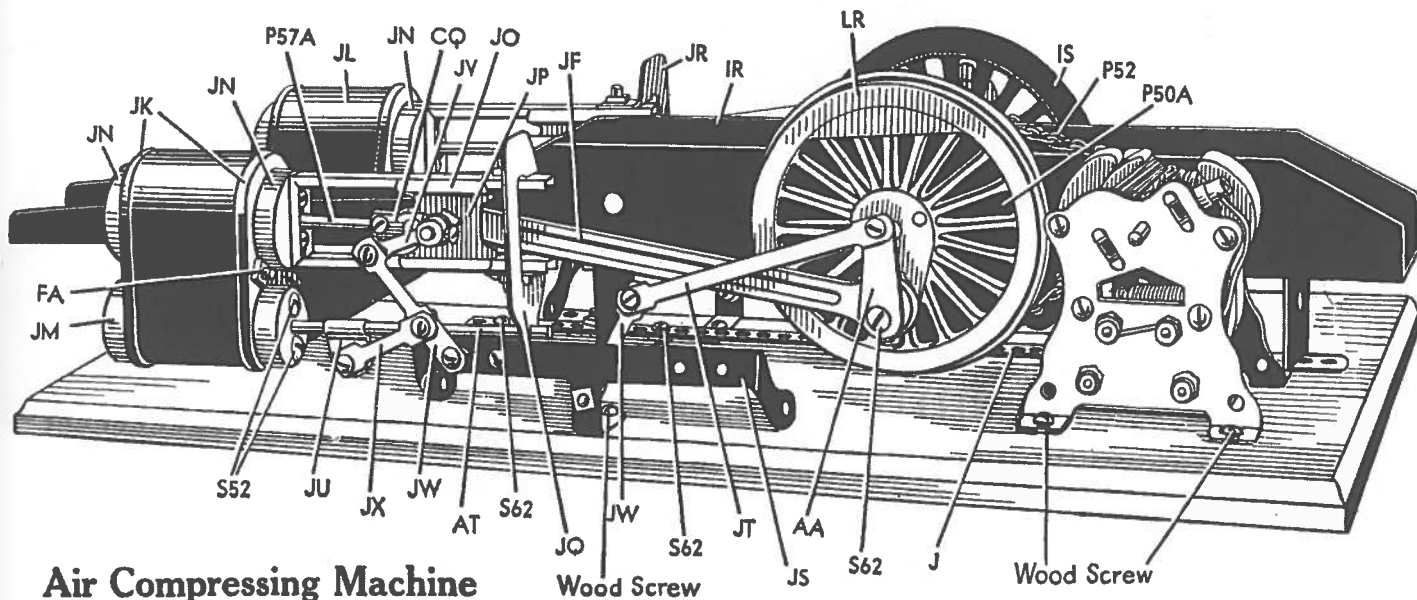


**Air Compressing Machine with
P56G 110 Universal Motor**

Models Built with No. A Set

Air Compressing Machine with P58 Battery Motor

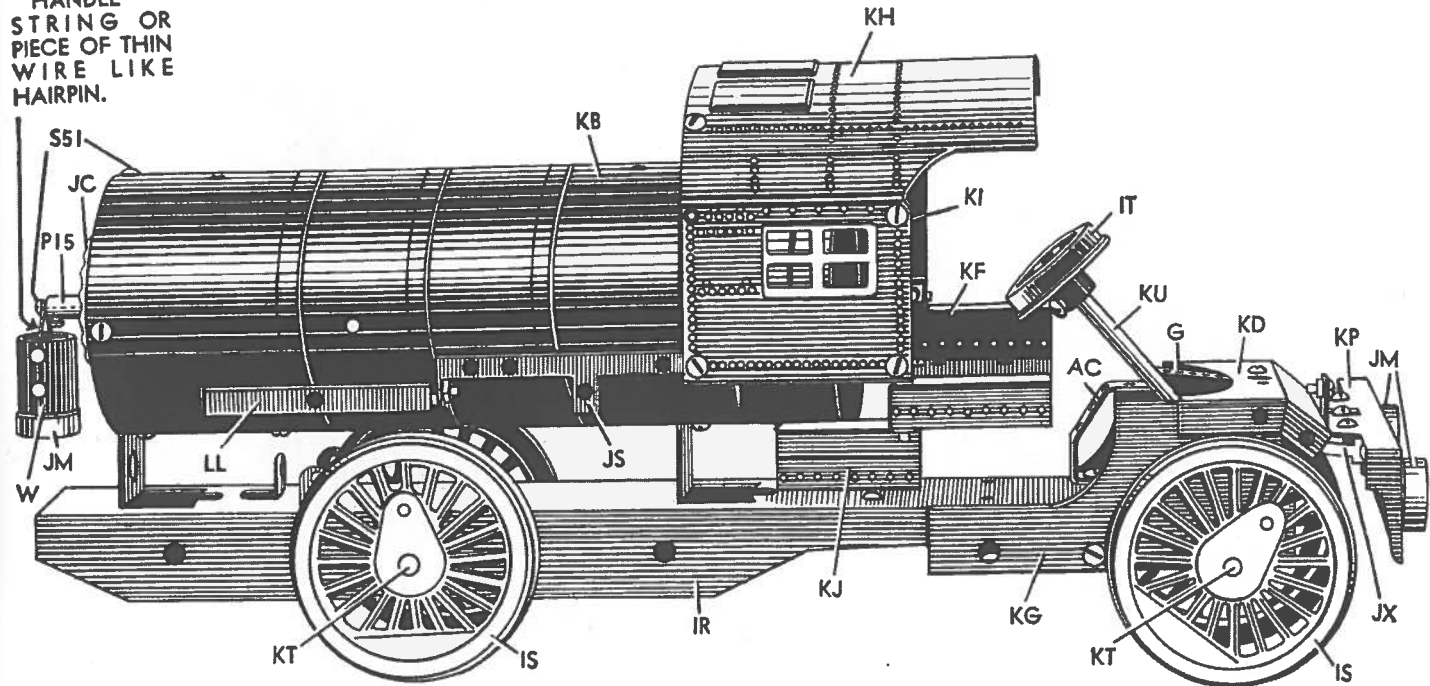
P58—8-24 Volt Motor not included in A set. Can be purchased separately. See note.



Industrial Locomotive

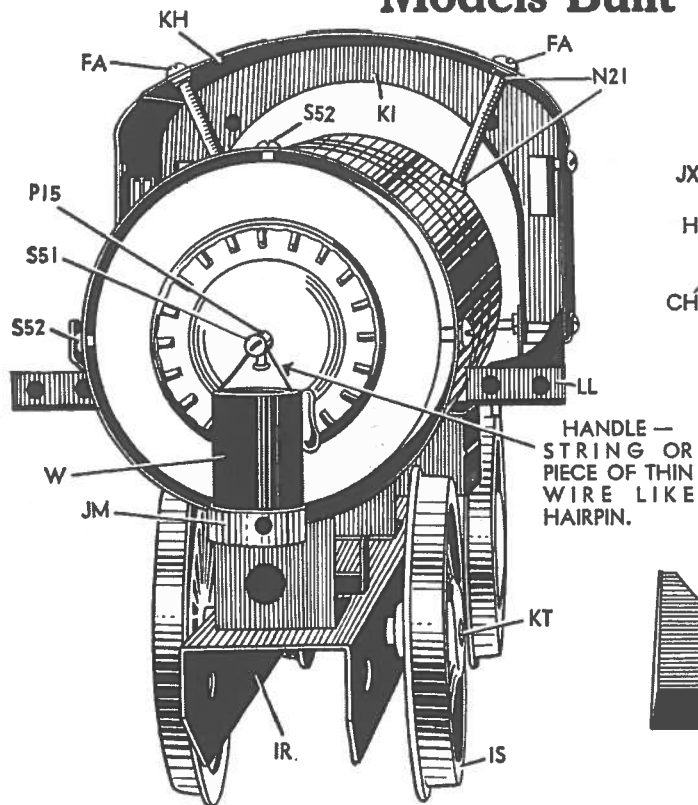
Models Built with No. A Set

HANDLE —
STRING OR
PIECE OF THIN
WIRE LIKE
HAIRPIN.

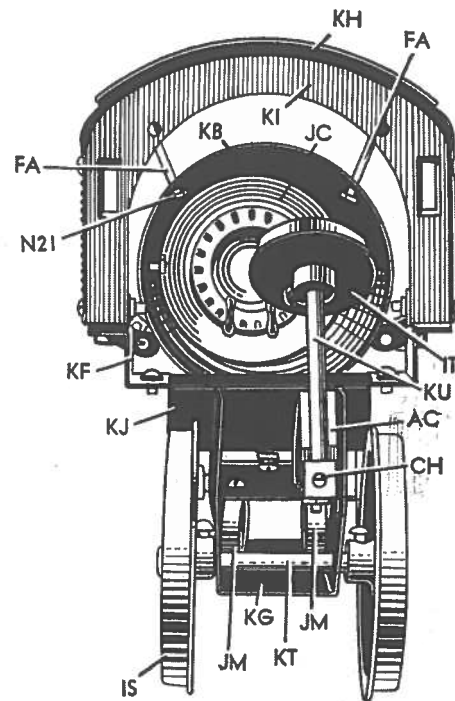
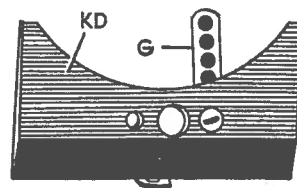
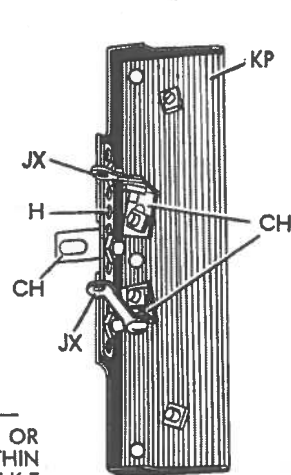


Oil Truck -- General View

Models Built with No. A Set



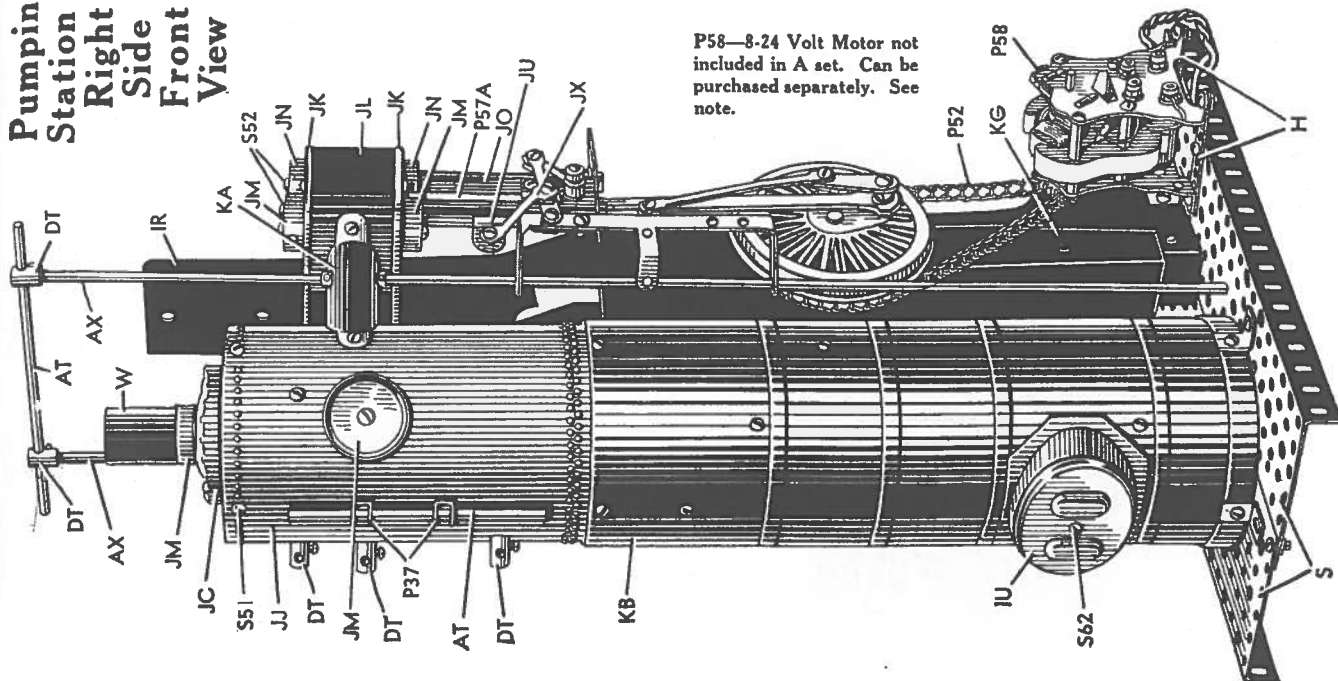
Oil Truck -- Detail Rear End Construction



Oil Truck -- Detail Front End Construction

Pumping
Station --
Right
Side
Front
View

Models Built with No. A Set



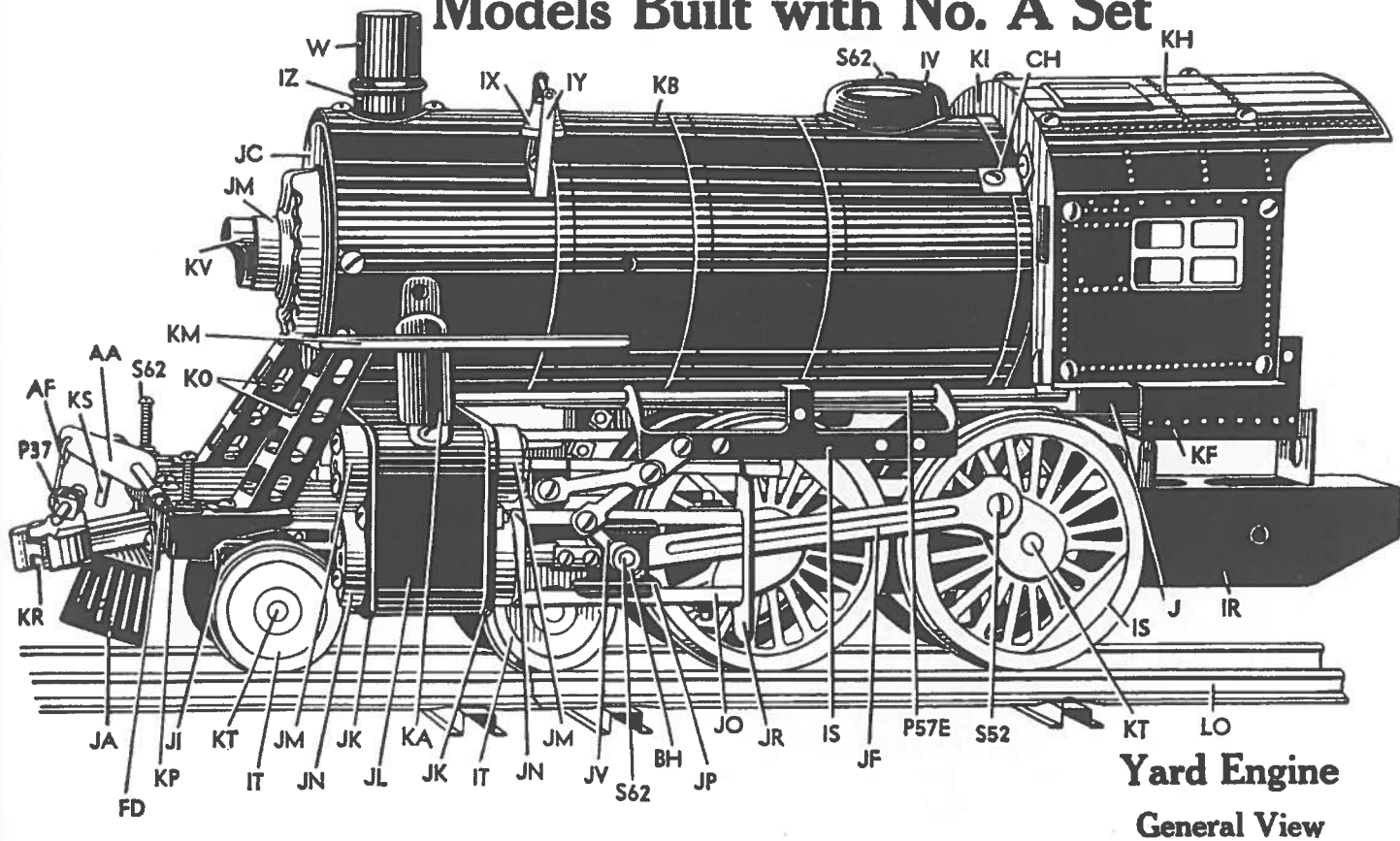
**Pumping
Station—
Left
Side
View**

Pumping
tation—
Left
Side
View

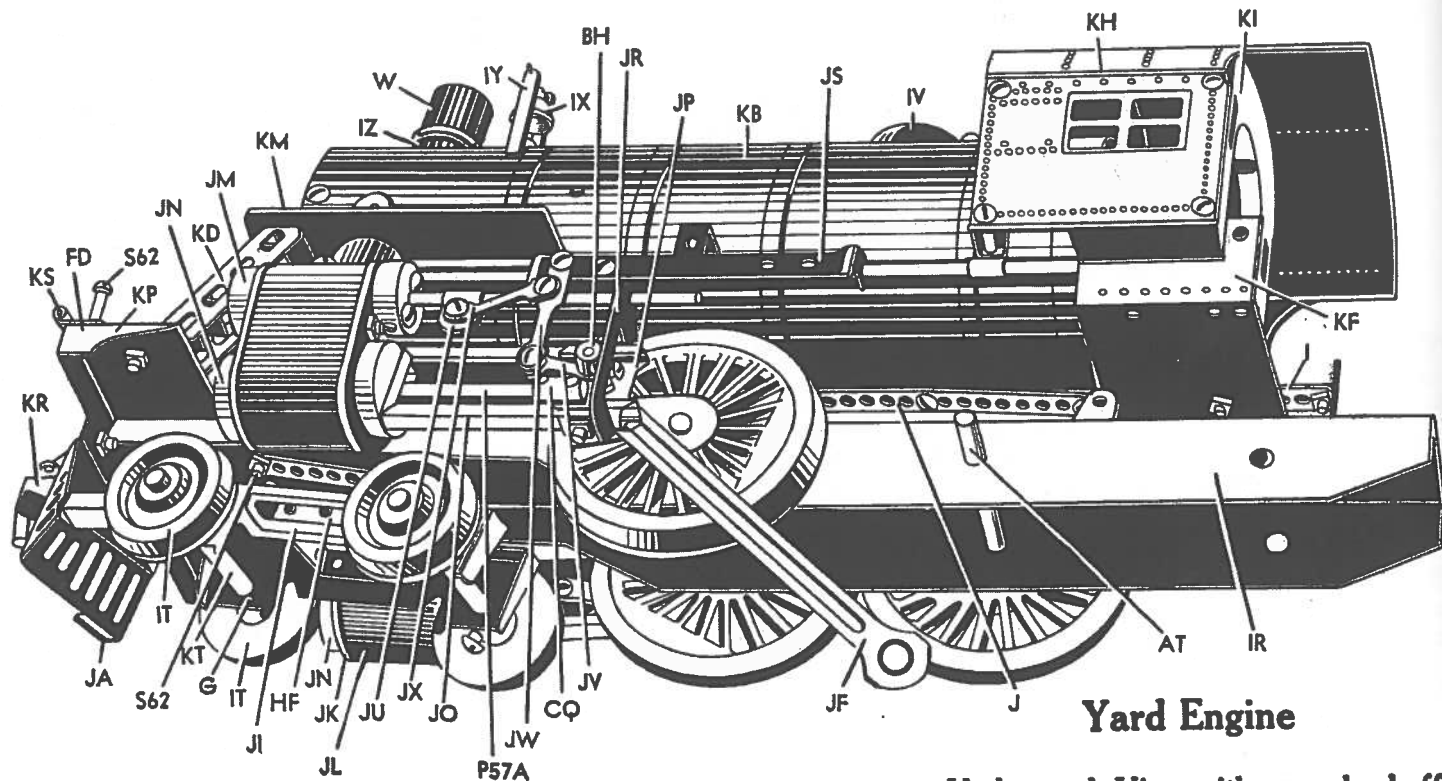
P58—8-24 Volt Motor not included in A set. Can be purchased separately. See note.

Labels include: P58, KT, P50A, LR, JF, JP, JQ, S62, CQ, JU, JN, JK, JL, JM, JN, IR, AX, DT, AT, W, JC, KA, DT, JU, JM, JO, IV, CQ, JX, BH, JP, JR, JF, JX, IS, BL, S62, AA, SS1, KB, IU, CH, S, H, PI3.

Models Built with No. A Set



Models Built with No. A Set

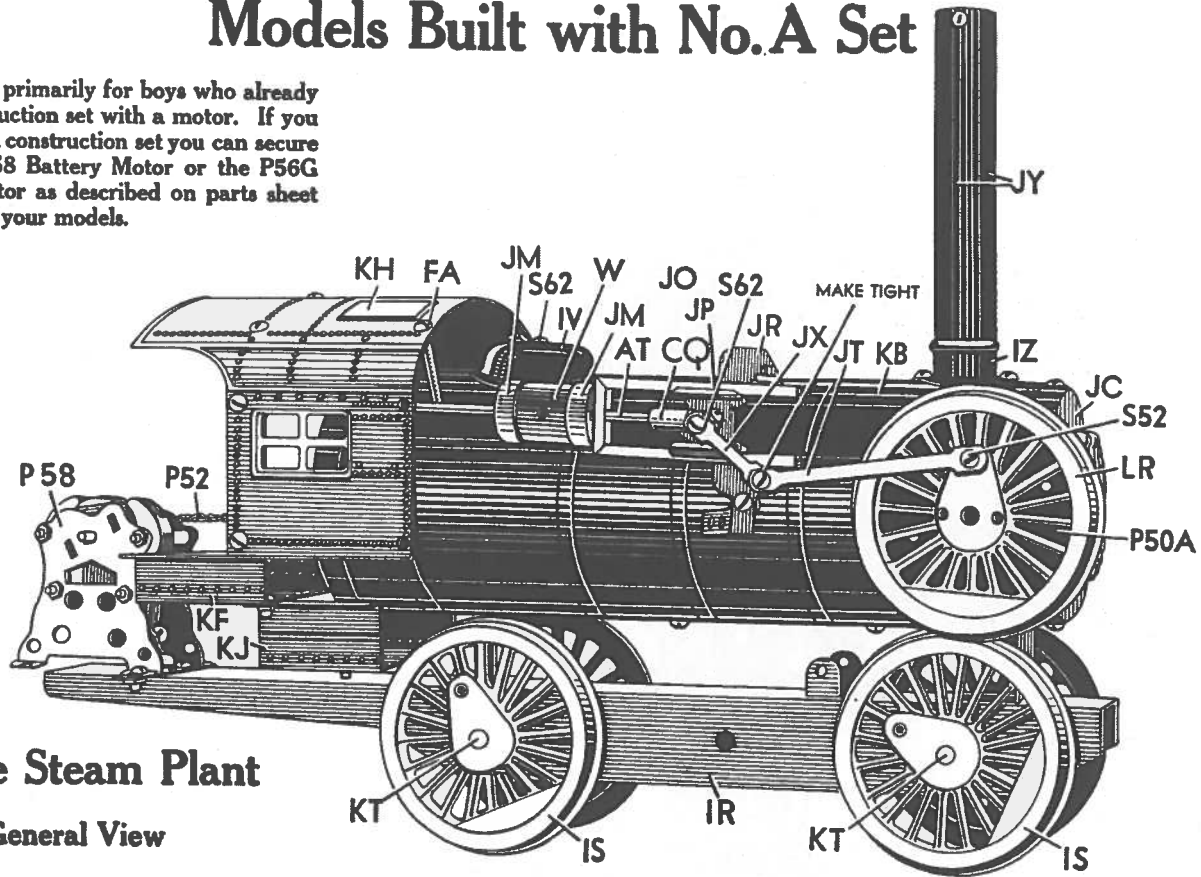


Yard Engine

Underneath View with one wheel off

Models Built with No.A Set

The A set is primarily for boys who already have a construction set with a motor. If you do not have a construction set you can secure either the P58 Battery Motor or the P56G 110 Volt Motor as described on parts sheet for operating your models.

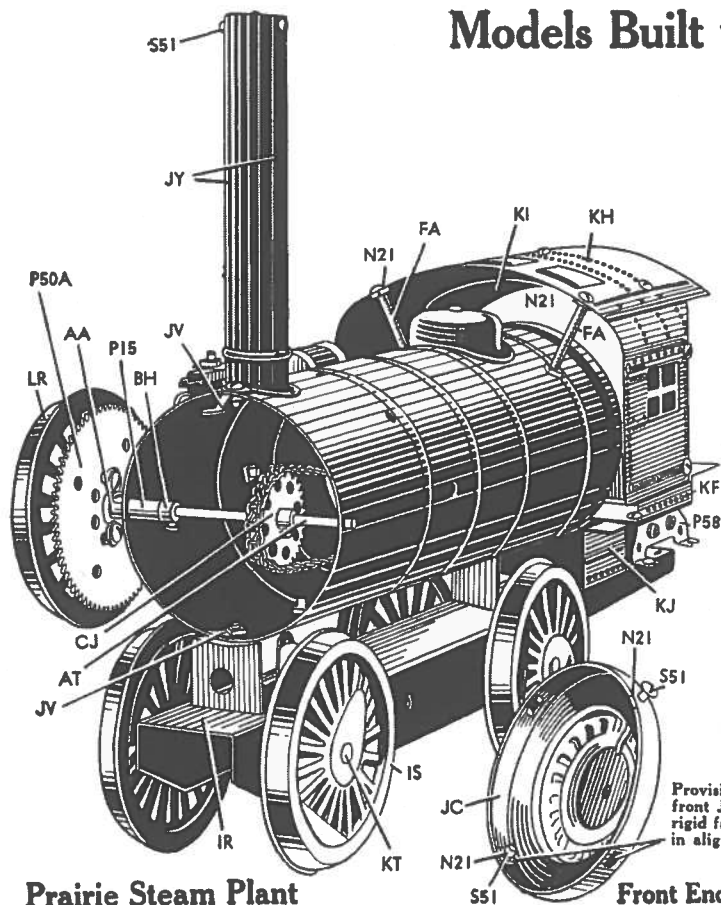


Prairie Steam Plant

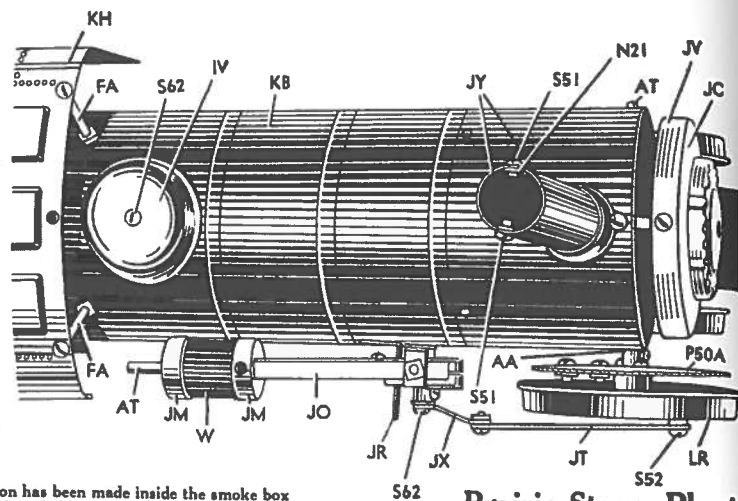
General View

Models Built with No. A Set

The A set is primarily for boys who already have a construction set with a motor. If you do not have a construction set you can secure either the P58 Battery Motor or the P56G 110 Volt Motor as described on parts sheet for operating your models.



Prairie Steam Plant

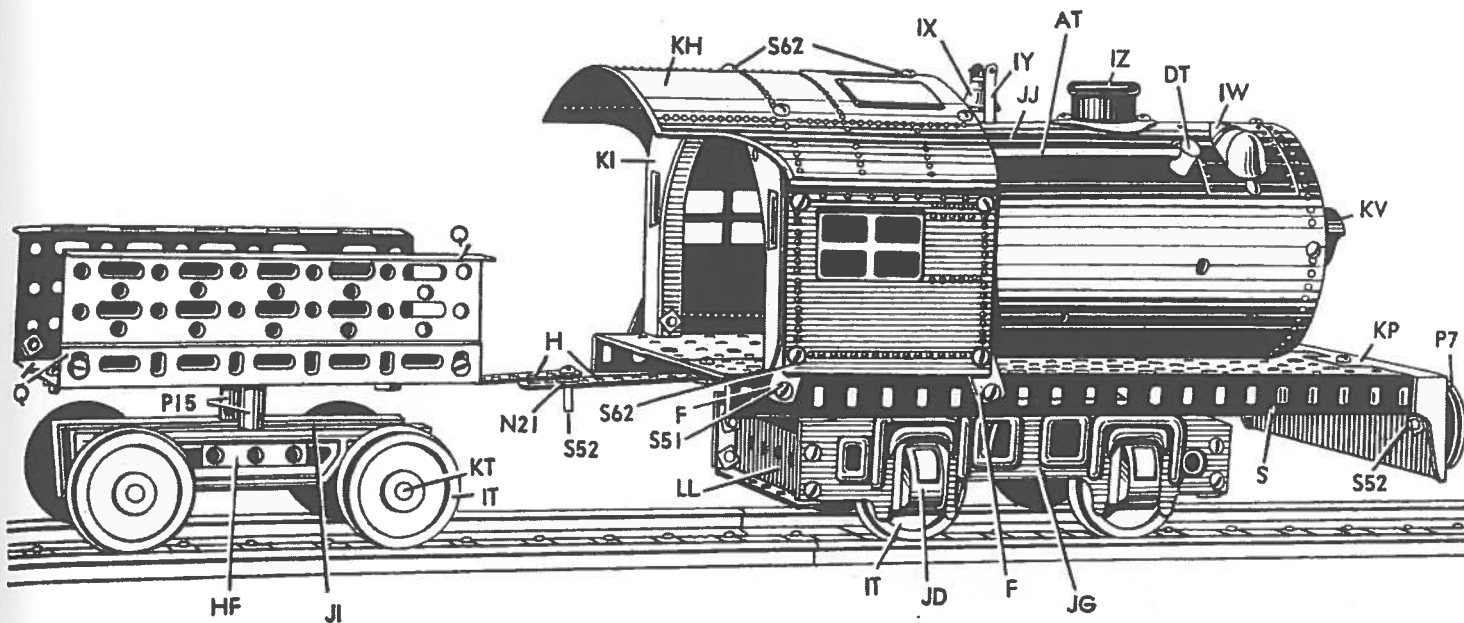


**Prairie Steam Plant
Top View**

Provision has been made inside the smoke box front JC to hold N21 nut in place. To insure rigid fastening press little prongs to hold nut in alignment with hole.

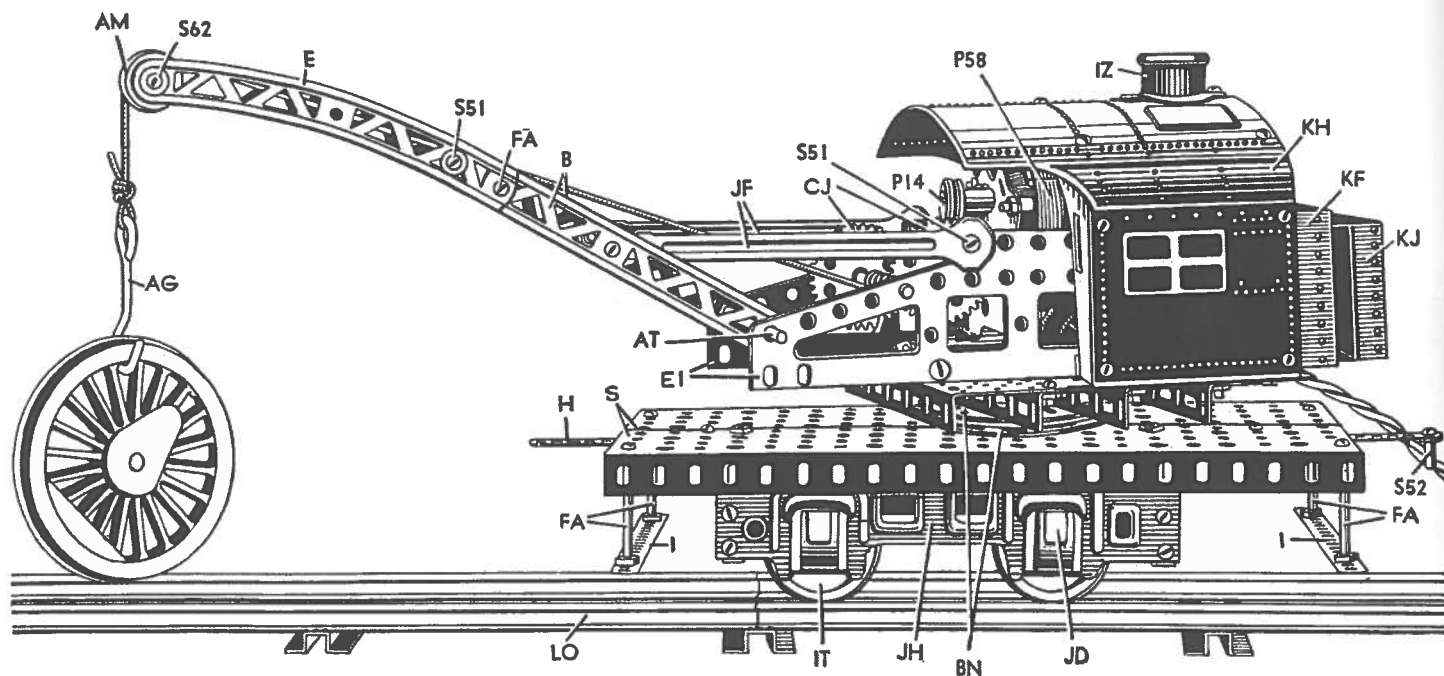
Front End taken off to show Gear Construction

Models Built with No. 8 Set



Industrial Locomotive with Trailer

Models Built with No. 8 Set

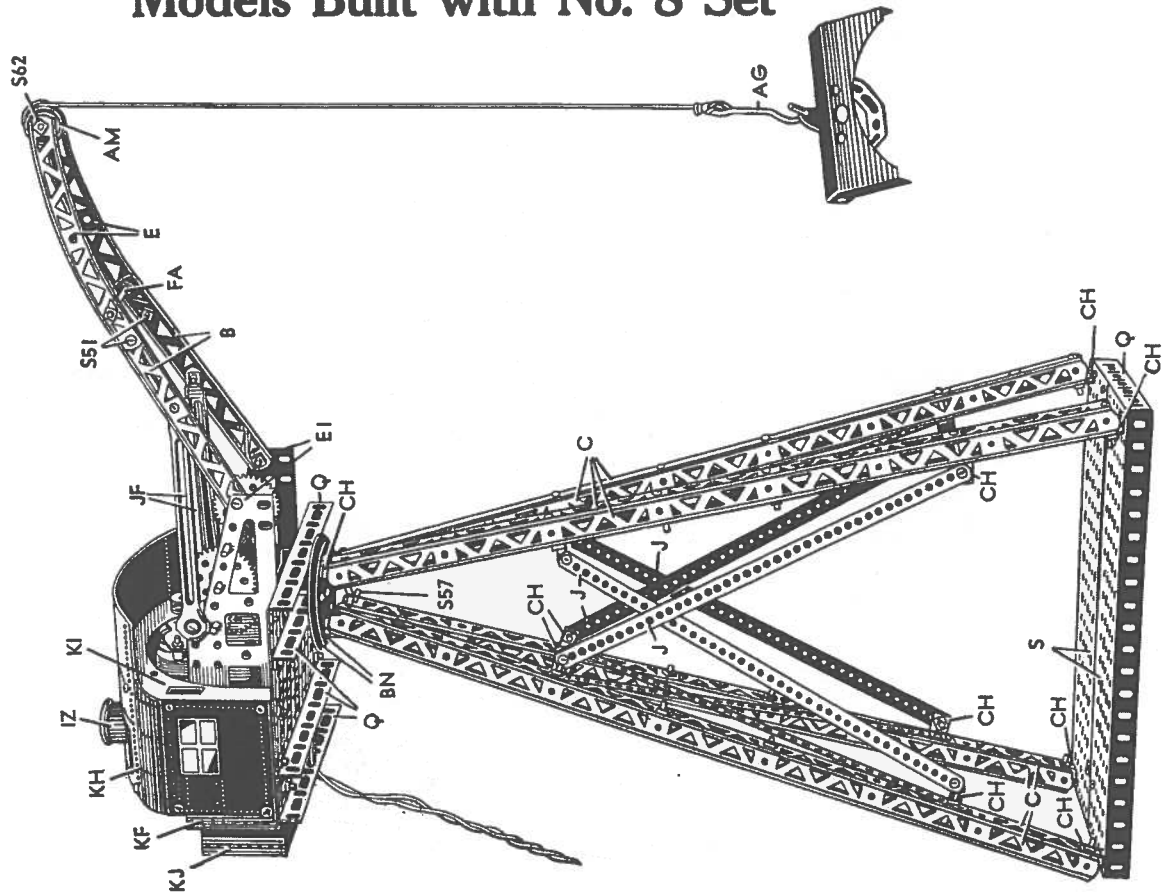


Wrecking Derrick

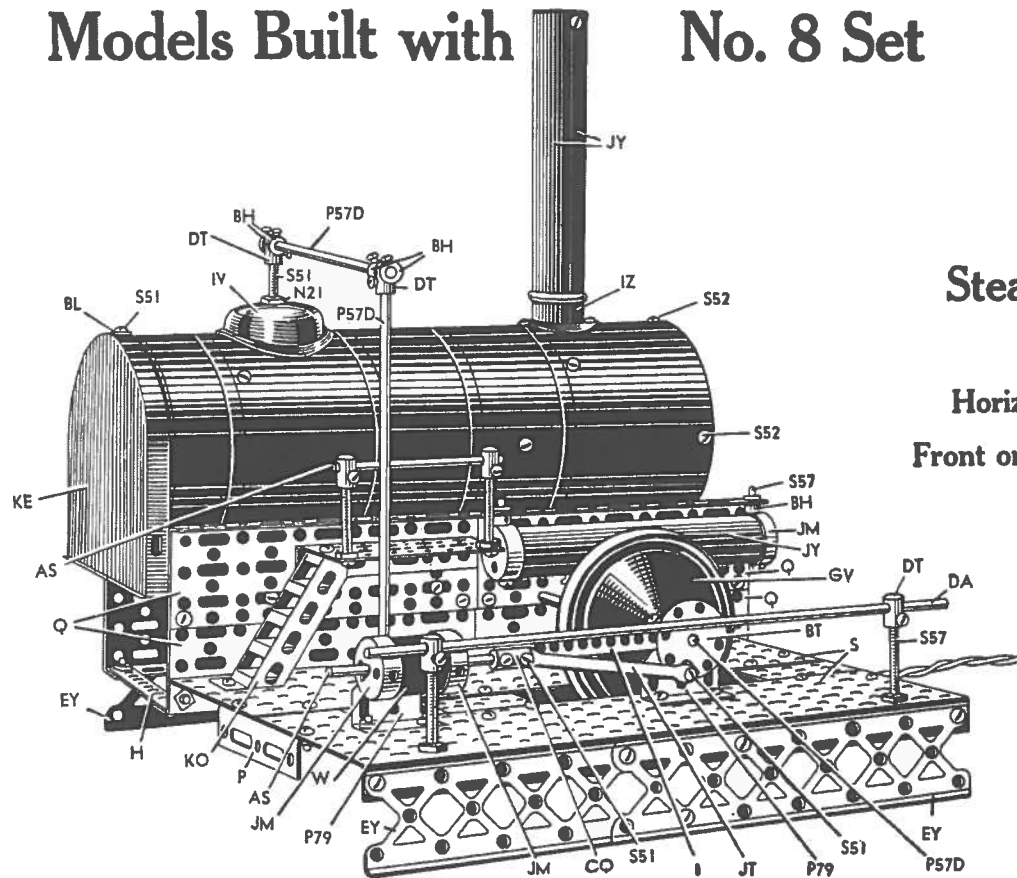
Electric Revolving Crane

Models Built with No. 8 Set

General View



Models Built with No. 8 Set

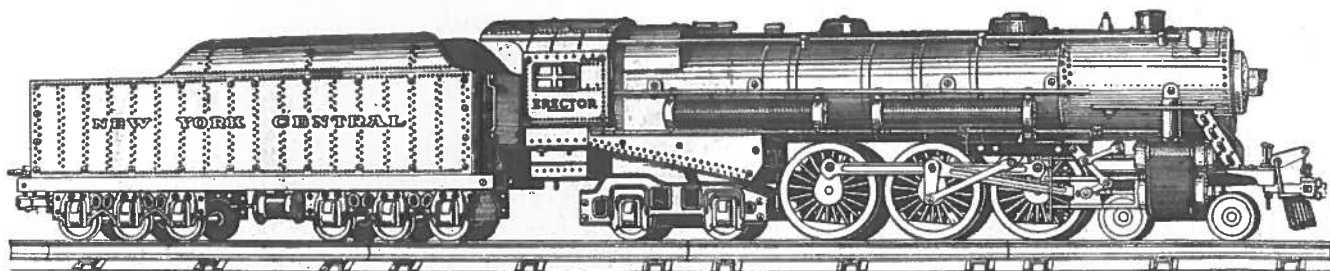


Steam Plant

**Horizontal Engine
Front or General View**

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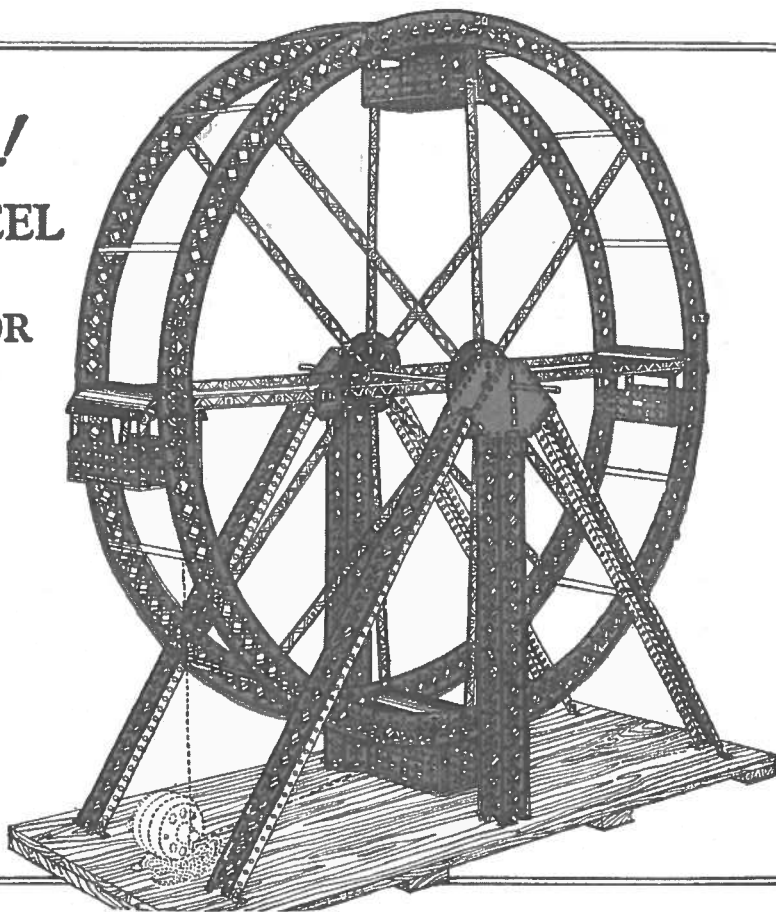


Hello boys! **FERRIS WHEEL**

Built from
No. B ERECTOR

The Ferris Wheel pictured herewith is built out of the B Erector Accessory Set. It stands 3 ft. 3½ in. high, circle is 2 ft. 11 in. in diameter. If you now own a regular Erector Set, the B Set will build this Ferris Wheel and many other interesting models out of the big channel straight and curved girders. There are over 100 big girders in this Set. If you do not own a regular Erector Set, the B Accessory Set is a complete set in itself, and will entertain you for days. There is no motor packed in this set. If you own a regular Erector Set, use the motor you have. If you do not own an Erector Set, you can give action to the models you build by securing the famous Polar Cub 110 volt motor, P56G, that operates on any house current. For those who do not have 110 vol^t current, the P58 standard Erector motor will operate the models in this set.

A.C. Gilbert
President.



• THE ERECTOR •

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MYSTO ERECTOR SET NO. 1
BUILDING AND CONSTRUCTION GUIDE



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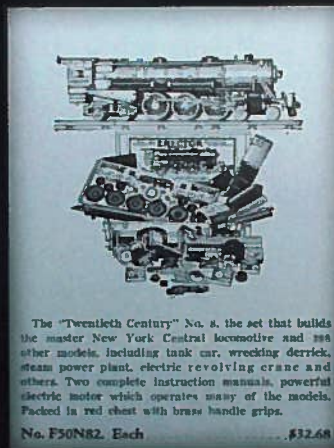


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A.C. Gilbert marketed his first construction set under the name "Erector" in 1913. The innovative toy became extremely popular. In 1931, the company released a set featuring over 100 new engineering parts. "Set A" and its sister sets #8, #8½ and #10 allowed the construction of a New York Central Hudson Locomotive and Tender. This static model could be outfitted with an electric motor capable of operating the driving wheels and valves. A much-desired toy in its day, the set eluded all but the luckiest children. Today it remains rare and highly collectible. This reproduction of the original instruction book from Set A shows all the Hudson's parts, and has complete assembly instructions for it and twelve other engine-type models.

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