

#### Introduction

I started collecting Gilbert Erector sets in calendar year 2000 and have accumulated over 350 different sets. I noticed early in my collecting that parts were different in what on a quick glance seemed to be the same set. After all, weren't all 'C' girders the same? Study of these sets and notes from Bill Bean's book *Greenberg's Guide to Gilbert Erector Sets 1933 - 1962* were the sources of information presented here.

The A. C. Gilbert company made many changes in parts finishes and parts designs through the years. This book should be considered as a general guide for which parts were used during the year(s) listed. Gilbert was famous for not throwing away anything so consistency was never the norm. As a result, there were multiple part variations used in a given year in the same set. For example, a 1951 set could have nickel-plated or cadmium-plated girders during that same year. Even though the plastic 'U' boiler cap was introduced in 1953, steel examples may show up in sets in 1953 and possibly 1954. Also, there are variations not presented here. For example, I have a 1940 No. 2 1/2 with all of the girders, pulleys and pierced disc painted red. There are also a few known examples of 'T' boilers painted blue. I considered these to be anomalies and chose to not list them here. You may find sets with other "oddball" parts which is part of the joy of collecting!

This book is organized by type of part. For example, all of the girders are listed in the same section. The last page has an index with parts listed in alphabetical order for quick reference. Parts are generally shown scaled half-size. The exceptions are smaller parts which are shown at actual size. One other exception is no Hudson locomotive and tender parts are shown (sets ran from 1933 - 1937). The Hudson parts were well illustrated in Gilbert's manuals and ran essentially unchanged through the years, hence they are not listed in this reference.

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Sound System Parts
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## A 21/2" Girder



1933 - 52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1941-47 1946-51 Aluminum

Yellow Painted Steel 1951-56 Cadmium Plated Steel 1956-62 Tin Plated Steel

#### Girders

#### B 5" Girder





1933 - 52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1941-47 Yellow Painted Steel 1946-51 Aluminum 1951-56 Cadmium Plated Steel 1956-62

Tin Plated Steel

1956-62 Tin Plated Steel - New Style

#### C 10" Girder

NOTE: Old style - curved first triangle (see top C girder). New style - straight edged first triangle (see lowest C girder)

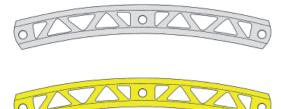
1933 - 52 Nickel Plated Steel - Old style 1941-42 Zinc Plated Steel - Old style 1941-47 Yellow Painted Steel - Old style 1947-51 Nickel Plated Steel - New style 1951-56 Cadmium Plated Steel - Old style 1951-56 Cadmium Plated Steel - New style

# D 21/2" Curved Girder



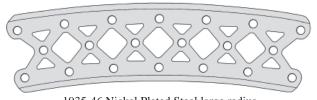
1933 - 52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1941-47 Yellow Painted Steel 1946-51 Aluminum 1951-56 Cadmium Plated Steel 1956-62 Tin Plated Steel

#### E 5" Curved Girder



1933 - 52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1941-47 Yellow Painted Steel 1946-51 Aluminum 1951-56 Cadmium Plated Steel 1956-62 Tin Plated Steel

## EZ 6" Big Channel Curved Girder



1935-46 Nickel Plated Steel large radius 1941-42 Zinc Plated Steel large radius

# 1947-1952 Nickel Plated Steel small radius

1951-62 Cadmium Plated Steel small radius

#### EY 6" Big Channel Girder

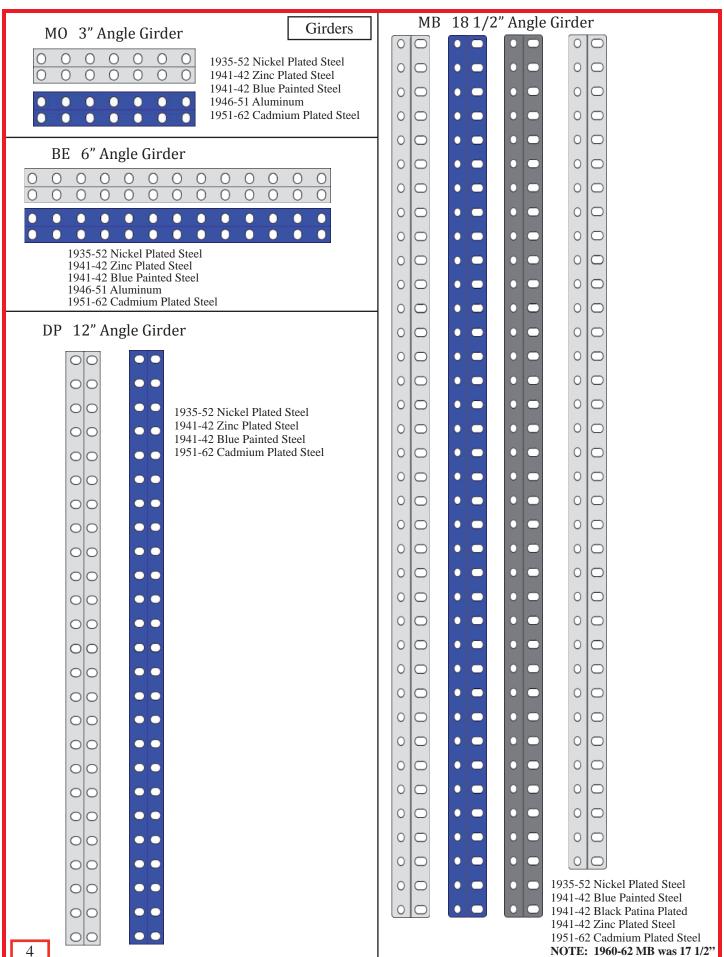


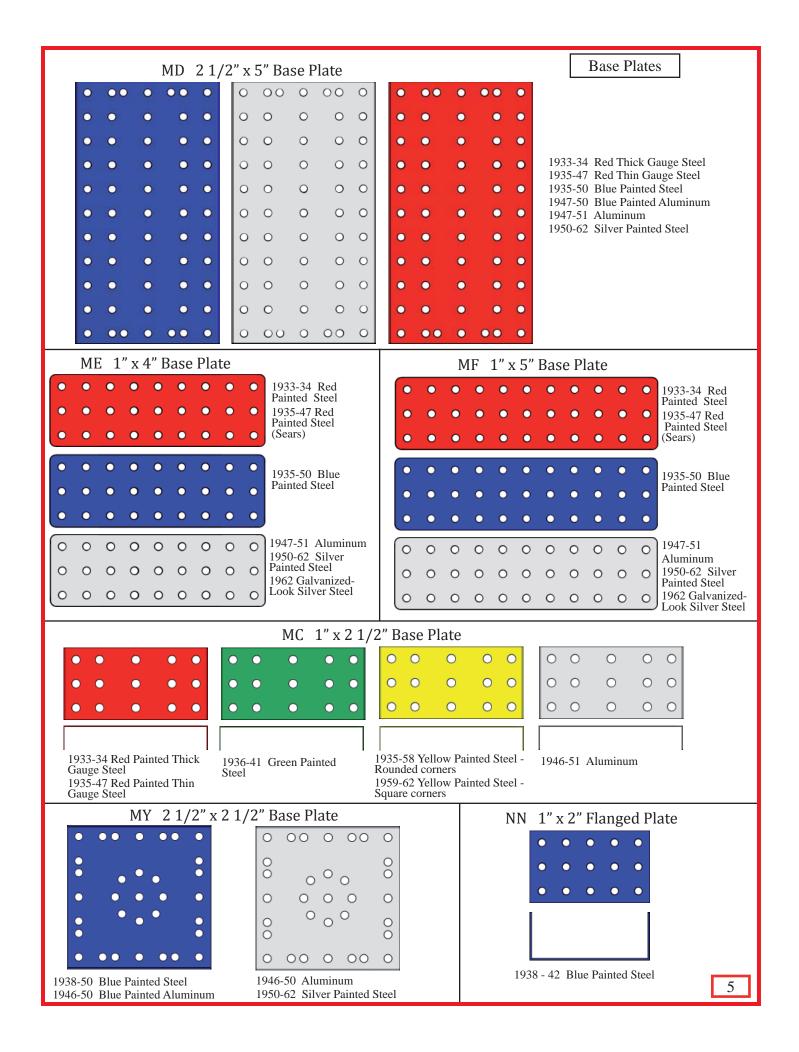
1935-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1951-62 Cadmium Plated Steel

## EX 12" Big Channel Girder



1935-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1951-62 Cadmium Plated Steel





## P79 Car Truck



1933-34 Nickel Plated Steel - 7 holes



1935-47 Nickel Plated Steel - 8 holes (Sears)



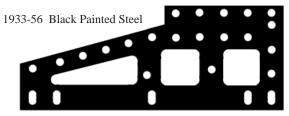
1935-61 Red Painted Steel 1946-51 Red Painted Aluminum



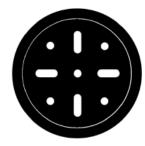
**Base Plates** 

1962 Yellow Painted Steel

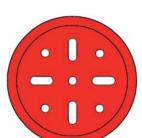
#### El Gear Box Side Plate



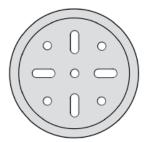
**BN** Turret Plate



1933-54 Black Painted Steel



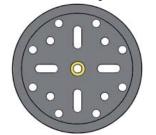
1941-47 Red Painted Steel (Sears)



1946-51 Aluminum 1953-62 Cadmium Plated Steel

1946-51 Aluminum 1956-62 Silver Painted Steel

CR Special Turret Plate w/ Hub



1935-47 Red Painted Steel (Sears)

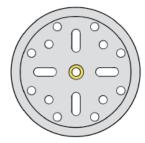
1941-42, 1946-49 Black Painted Steel



1951-56 Red Painted Steel



1935-52 Blue Painted Steel 1946-51 Blue Painted Aluminum



1951-53 Silver Painted Steel 1954-62 Cadmium Plated Steel

#### MV Flat Car Truck



1935-48 Red Painted Steel 1946-51 Red Painted Aluminum

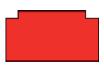


1949-61 Red Painted Steel w/ Notches

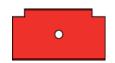


1962 Yellow Painted Steel

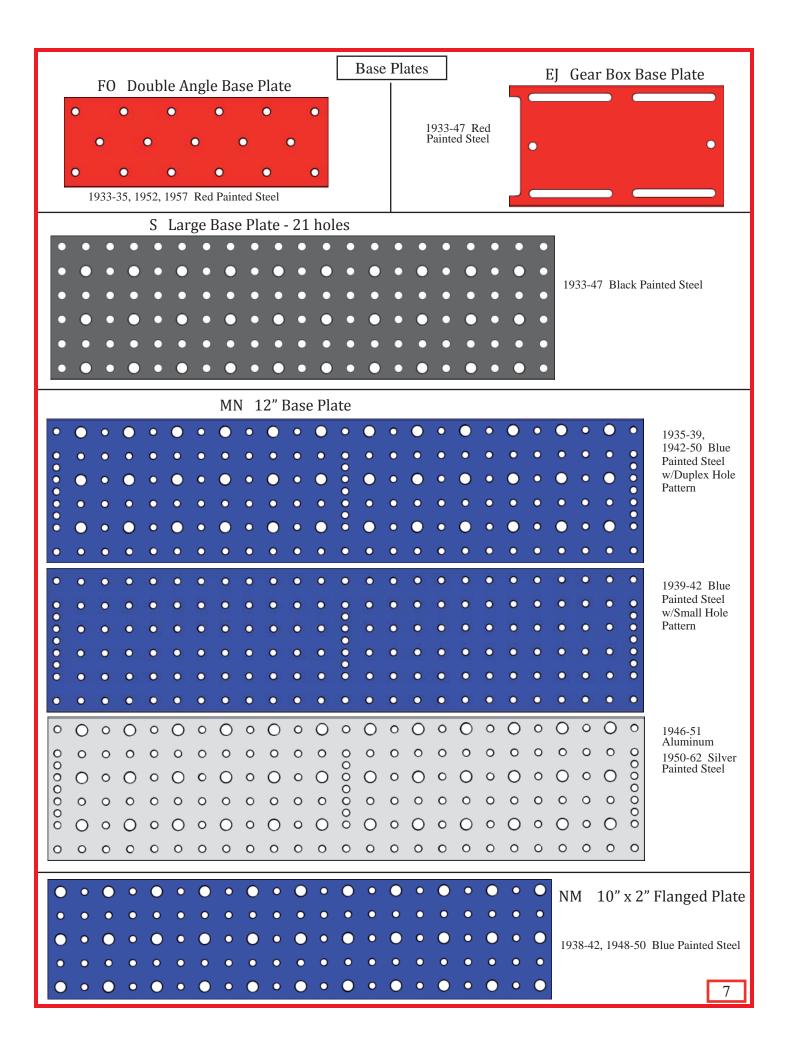
## MZ Bearing Block



1938-46 Red Painted Steel (no center hole)



1946-62 Red Painted Steel (with center hole)





#### P12 Crown Gear



1933-62 Brass Plated Steel



1937-52 Brass Plated Steel 1953-54 Brass Sintered metal w/5/16" hub

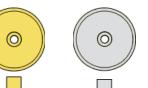


1941-42 Zinc Plated Steel w/5/16" hub



1955-62 Brass Sintered metal w/3/8" hub

## P7A 11/8" Pulley



1941-42 Zinc Plated Steel w/5/16" hub



1955-62 Brass Sintered metal w/3/8" hub

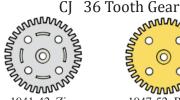
**NOTE: Large Pulley was** number P7 from 1933-36



1933-34 Brass Plated Steel w/5/16" hub



1935-47 Brass Plated Steel w/5/16" hub



1941-42 Zinc Plated Steel w/5/16" hub



1947-52 Brass Plated Steel w/5/16" hub



1953-54 Brass Sintered metal w/5/16" hub



1955-62 Brass Sintered metal w/3/8" hub

MQ 27 Tooth

Worm Wheel

#### P48 Mitre Gear



1933-49 Cast white metal w/open sides



1950-62 Cast white metal w/ closed bottom

## AQ Sheave Pulley



1942-49 Brass



1950-52 Nickel plated Steel 1951-58 Cadmium plated Steel



1959-62 Black plastic

## MP 24 Tooth Gear

1933-52 Brass

Plated Steel

1953-54 Brass

Sintered metal w/5/16" hub

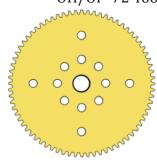


1935-37 Solid brass (used w/ A52 motor)

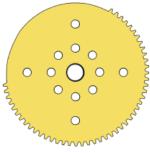


1935-36 Solid brass hub with fibre gear. NOTE: Gear w/o the hub was pressed on an axle in 1937. Part used with the P51 motor.

## OH/OI 72 Tooth Gear/Segment



1949-62 Brass plated Steel



1949-62 Brass plated Steel

1933-52 Brass plated Steel w/5/16" hub 1953-54 Brass plated Sintered Metal w/5/16" hub

# Z Flanged Wheel



1941-42 Zinc plated Steel w/5/16" hub



1955-62 Brass plated Sintered metal w/3/8" hub

## P13 12-Tooth Gear 1/8" Face



Brass 1953-62 Brass plated Sintered

metal w/

tapered

teeth



Metal

P13B 12-Tooth Gear 7/32" Face 1933-41



Brass 1953-62 Brass plated Sintered metal w/ tapered

teeth

Solid



1941-53 Cast White Metal

#### BT Pierced Disc



1933-52 Brass plated Steel w/5/16" hub 1941-42 Zinc plated Steel w/5/16" hub 1953-54 Brass plated Sintered metal w/5/16"hub





1955-62 Brass plated Sintered metal w/3/8" hub

## NO Flanged Wheel, 3/4" diam.





1938-42 Brass Plated Steel

## P49 18-Tooth Gear

1933-47 Brass Plated Steel



#### P14 Worm Gear



1933-47 Solid Brass

#### DB Motor Pulley



1933-62 Solid Brass 1950-62 Brass Plated Steel

## AM Special Pulley



1933-41 Nickel Plated Steel



## NX Tread Pulley



1948-50, 1956-62 Brass Plated Steel

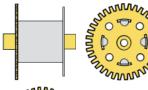
#### EK Plain Drum



1933-47 Nickel Plated Steel w/Brass Hubs



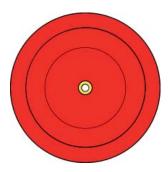
## MR Drum w/Gear





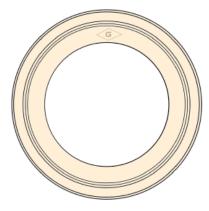
1935-37 Nickel Plated Steel Drum and Side Plate with Brass Plated Steel Gear and Brass Hub

LV 3" Disc Wheel



1933-42 Red Painted Steel w/5/16" or 3/8" hub

## LW Rubber Tire



1933-35 Rubber Tire fit over LV Wheel

#### NPN Plastic Wheel



1952, 1957 Black Plastic Wheel (1952 No. 0, 1957 No. 100)



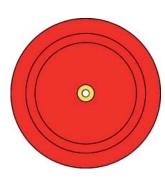
1957 Blue Plastic Wheel (1957 No. 100 Set)

## FP Small Disc Wheel



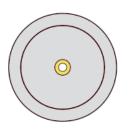
1933 Red Painted Steel w/5/16" or 3/8" Brass Hub

## GV 3" Disc Wheel



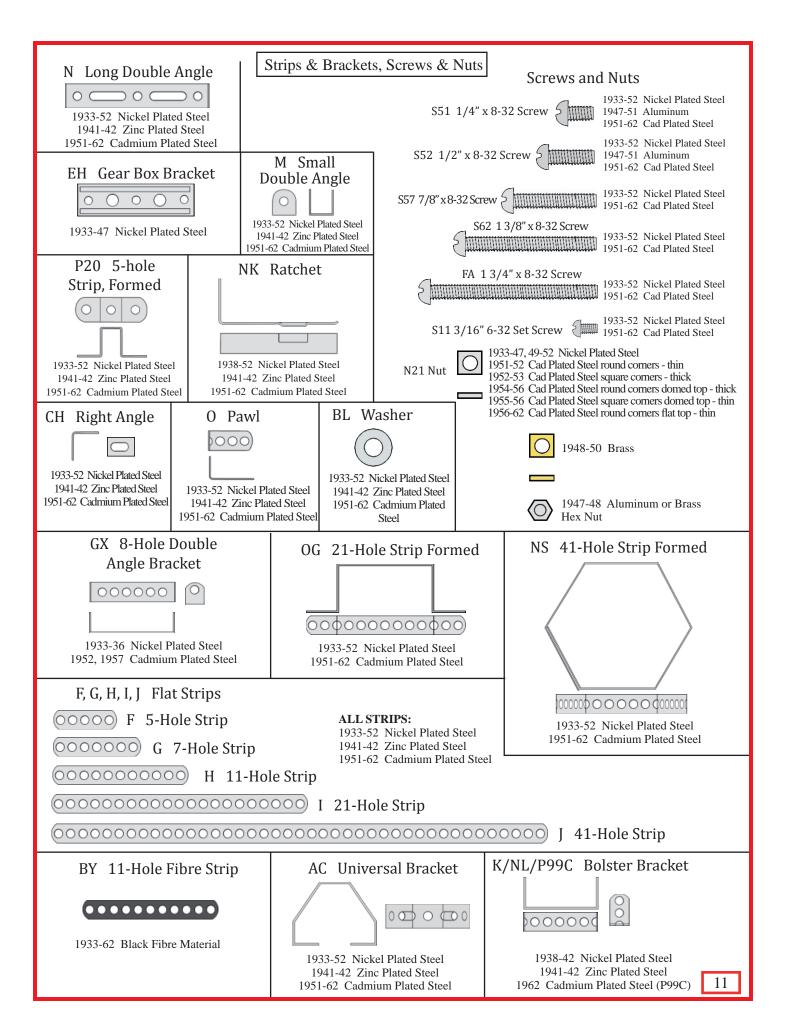
1933 - 47 Red Painted Steel w/5/16" or 3/8" hub. Examples with Nickel Plated Steel w/ and w/o Red Painted hub cap have surfaced

## X239 Small Disc Wheel

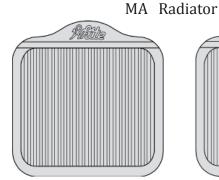


1958-62 Cadmium Plated Steel w/3/8" Brass Hub

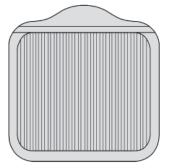
	Pulleys, Gears, Wheels  MH 3" Disc Wheel  1933-38 Nickel Plated Steel Wheel, Red Painted Hub Cap, 3/8" Brass Hub 1938-42 Nickel Plated Steel Wheel, Red Steel Plate Hub Cap, 3/8" Brass Hub 1946-51 Aluminum Wheel, Red Steel Plate Hub Cap, 3/8" Brass Hub 1951-52 Silver Painted Steel Wheel, Red Painted Hub Cap, 3/8" Brass Hub 1952-54 Cadmium Plated Steel Wheel, Red Steel Plate Hub Cap, 3/8" Brass Hub 1952-58 Cadmium Plated Steel Wheel, Red Painted Hub Cap, 3/8" Brass Hub 1958-62 Cadmium Plated Steel Wheel, Red Paper Hub Cap, 3/8" Brass Hub
	1938-50 Nickel Plated Steel Wheel, Red Steel Plate Hub Cap, 5/16" Brass Hub 1946-51 Aluminum Wheel, Red Steel Plate Hub Cap, 5/16" Brass Hub 1949-52 Nickel Plated Steel Wheel, Red Painted Hub Cap, 5/16" Brass Hub 1952-54 Cadmium Plated Steel Wheel, Red Steel Plate Hub Cap, 5/16" Brass Hub 1952-58 Cadmium Plated Steel Wheel, Red Painted Hub Cap, 5/16" Brass Hub
	1936-42 Red Painted Steel Wheel, Black Painted Steel Hub Cap, 3/8" Brass Hub
	1941-47 Black Painted Steel Wheel, Red Painted Steel Hub Cap, 3/8" Brass Hub
0	1941-42 Zinc Plated Steel Wheel, Black Painted Steel Hub Cap, 3/8" Brass Hub
10	1960-62 Cadmium Plated Steel Wheel, No Hub Cap (Cadmium Wheel), 3/8" Brass Hub



#### Truck Parts

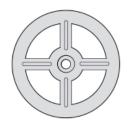


1933 Nickel Plated Steel



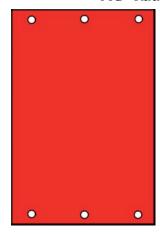
1933-46 Nickel Plated Steel - 7 holes 1941-42 Zinc Plated Steel - 7 holes 1947-52 Nickel Plated Steel - 9 holes 1947-51 Aluminum - 9 holes 1951-62 Cadmium Plated Steel - 9 holes

## DO Steering Wheel

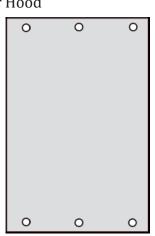


1933-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1951-62 Cadmium Plated Steel

#### MG Radiator Hood

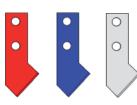


1933-62 Red Painted Steel



1947-50 Aluminum

## LX Steering Column Bracket



1933-42 Red Painted Steel1941-42 Blue Painted Steel1946-52 Nickel Plated Steel1951-62 Cadmium PlatedSteel

## **DK** Truck Spring



1933-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1946-51 Aluminum 1951-62 Cadmium Plated Steel

## FD Hinged Loop



1933-52 Nickel Plated Steel1941-42 Zinc Plated Steel1951-62 Cadmium Plated Steel

## DE Steering Column



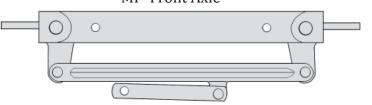
#### BH Solid Collar





1933-62 Brass

#### MI Front Axle



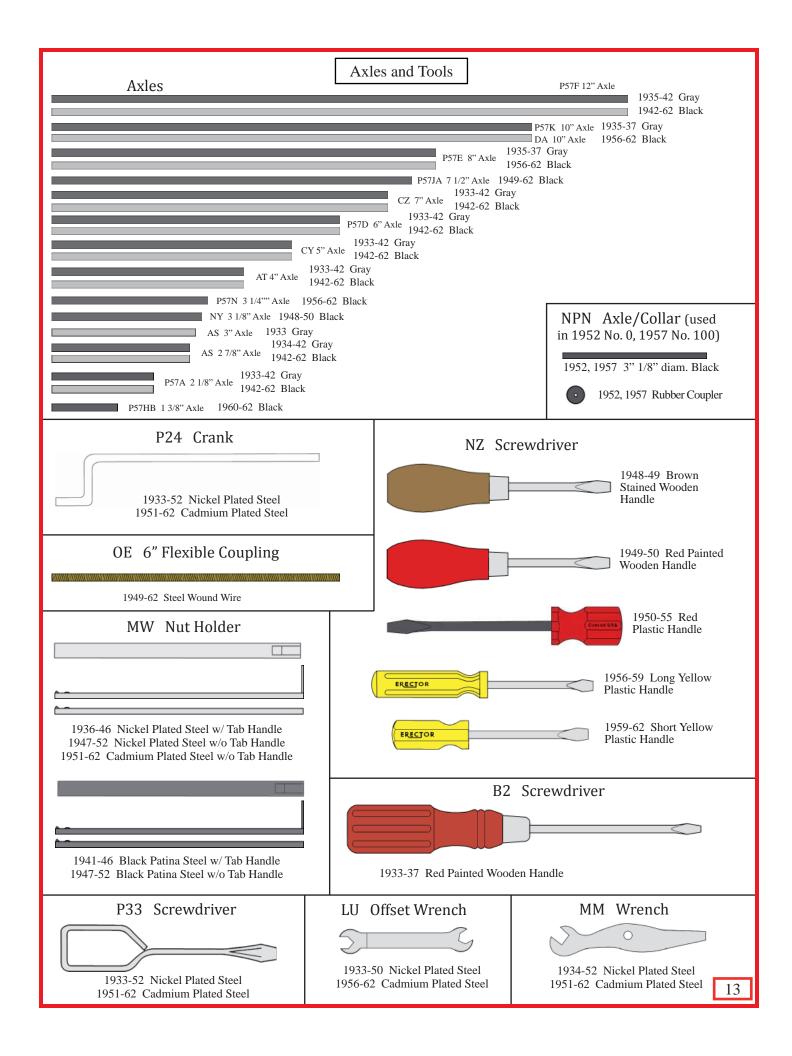
1933-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1951-62 Cadmium Plated Steel

## DS Cotter Pin



1933-52 Nickel Plated Steel 1951-62 Cadmium Plated Steel

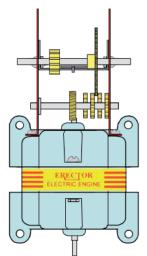
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#### K48 Key/ Motors and Electrical Parts A48 Mechanical Motor Mech. Motor 0 0 0 0 0 0 0 1938-46 0 Nickel Plated Steel 1947-52 Nickel Plated Steel 1951-56 Cadmium 0 Plated Steel 1949-50 Zinc 1951-56 Cadmium 1949-52 Nickel Plated 1938-49 Blue Painted 0 Dichromate Plated Plated (New Design) P58 Electric Motor A52 Induction 0 Motor 1933-47 Nickel Plated 1935-37 Nickel Steel Plated Steel NOTE: Open slot foot design as with all P58 motors from 1924 and later P56G 110V Motor 1935-47 Cylindrical Motor case 1933 Large GILBERT in Sears sets. 1933-34 Small NOTE: Color decal **GILBERT** Luggib variations exist decal A47 Electric Motor P55 7-15 Volt Electric Motor 1950-51 1952-53 Gear box Gear box w/ w/ "Finger" index feature index feature 0 in notches in the top motor guard 1948-50 ERECTOR ERECTOR 0

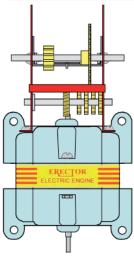
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#### A49 Electric Motor

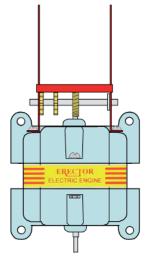


1938 No guard over the gearbox top. Circular holes in "feet"

## Motors and Electrical Parts

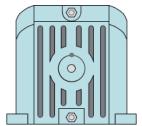


1938-49 Thin steel guard over the gearbox top. Circular holes in "feet" (slots also in 1948-49)

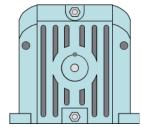


1938-47 No gearbox version included in No. 6 1/2 sets

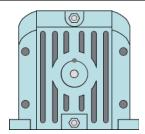




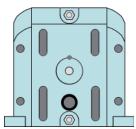
1938-39 No NV Whistle attachment holes on back - 6 vertical vents



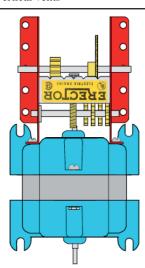
1940-47 Two holes for NV Whistle on back - 6 vertical vents



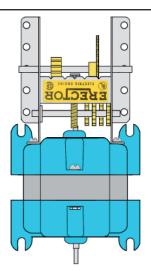
1938-47 Four holes on back - 6 vertical vents



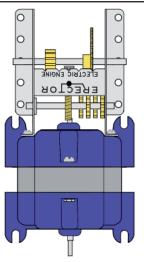
1948-49 Four holes on back - 4 vertical vents. NOTE: Came with open slotted feet and round holes



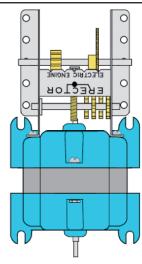
1953-56 New gear box with mounting holes in base, red painted gear box



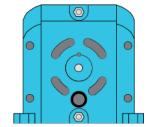
1957-58 Cadmium Plated gear box with ERECTOR label



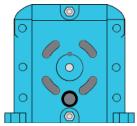
1958-59 Cadmium Plated gear box with ERECTOR label or engraved -Dark Blue paint on motor case



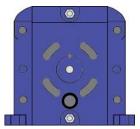
1958-62 Cadmium Plated gear box with ERECTOR engraved in motor guard



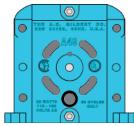
1953-56 Four circular vents, four screw holes on back



1955-60 Four circular vents, two "nubs", four dimples on back



1958-59 Dark Blue motor case



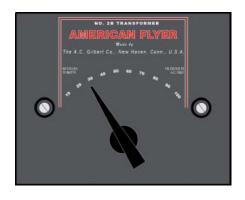
1961-62 Embossed verbiage on back of motor

#### **Transformers**



1938-42 No. 5 included in the No. 10 1/2 Electric Train Sets

## Motors and Electrical Parts

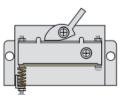


1948-early 1949 No. 2B included in the No. 12 1/2 Remote Control Sets



late 1949-1950 No. 1 included in the No. 12 1/2 Remote Control Sets

#### NV Whistle



1940-46 Nickel Plated Steel



1942-46 Black Patina Plated Steel

## MS Compression Spring



1935-37 Spring Steel -Used with P51 Motor

#### DC3 3V Motor



1957-62 Variations of the label or no label exist

## NJ Battery Holder



1938-52 Nickel Plated Steel 1941-42 Zinc Plated Steel 1951-62 Cadmium Plated Steel

## NH Lamp Socket



1938-46 Brass Two Piece Design (screw base loose piece)



1946-62 Brass One Piece Design (screw base soldered to housing)

## NI Bulb, 1 1/2 Volt



1938-62

## OD Control Box w/Wire



1948-early 1949



early 1949-50

#### OA Bulb - 18 Volt



1948-50

## P12N677 Bulb, Red 1 1/2 V



1955-62

## OC Single Wire/Plug Unit



1948-50

#### P15B528 Remote Control



1960-62

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#### Parts Cans

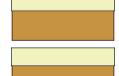


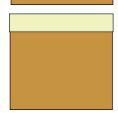




1938-42 Nickel Plated Lid with paper label. Cardboard bottom. Depths of 1", 1 3/8" and 1 5/8"



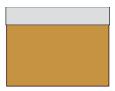




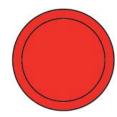
1946-59 Painted Lid with paper label (1946), Litho'd label in 1947-59. Steel bottom. Depths of 1", 1 5/8" and 2".

## Parts Cans & Boxes





1960-62 Tin Plated Lid w/ Embossed lettering. Steel bottom. Depth of 1 5/8".





1959-60 Red Painted Lid, no label. Steel bottom. Depth of 1 5/8".

#### Parts Can Lid

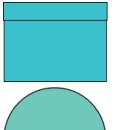


1956-57 Inverted regular parts can lid used for parts storage in 1956-57 No. 1 1/2 and early 1957 No. 100 sets.

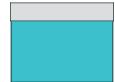


Late 1957 No. 100 sets (with blue plastic wheels) used an open cadmium plated parts can 1 7/16" diameter by 5/8" deep.

## **Metal Parts Cans**



1933-34 Turquoise Blue Painted Can w/ Painted Lid



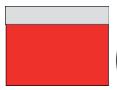
1934 Turquoise Blue Painted Can w/ Nickel Plated Lid



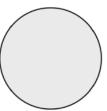
1934-36 Green Painted Can w/ Nickel Plated Lid



1934-37 Dark Blue Painted Can w/ Nickel Plated Lid



1935-37 Red Painted Can w/ Nickel Plated Lid



#### Parts Box



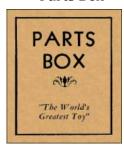
1935-37 Cardboard Box with Red or Blue Label.

#### Parts Box

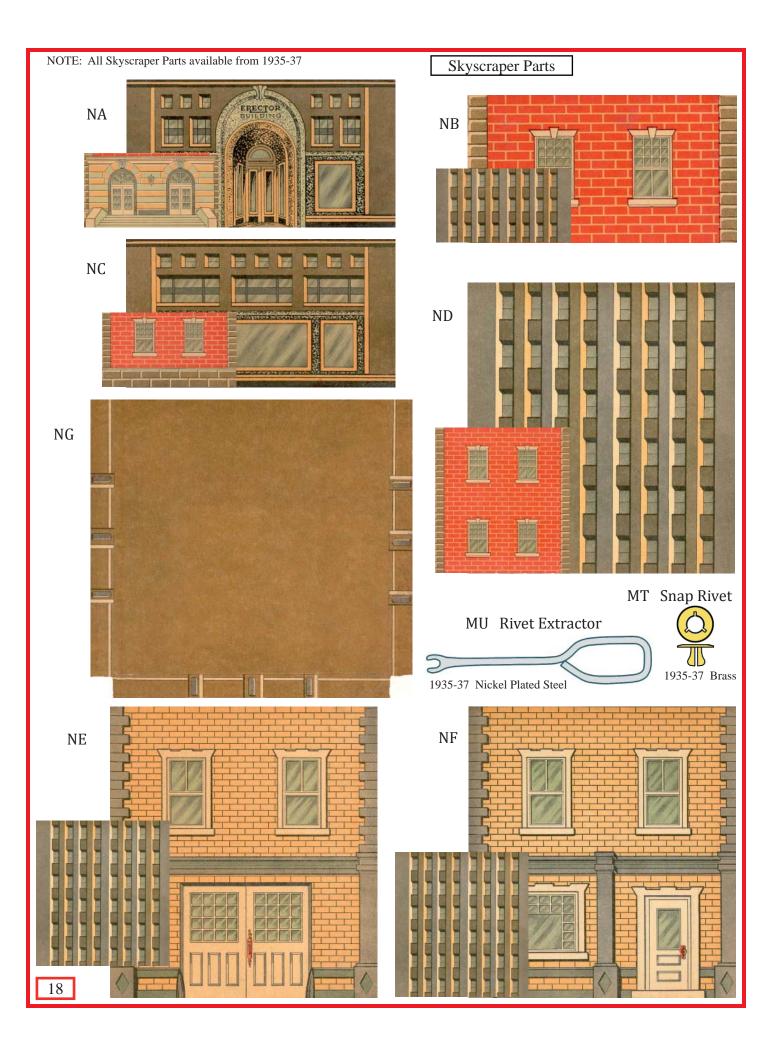


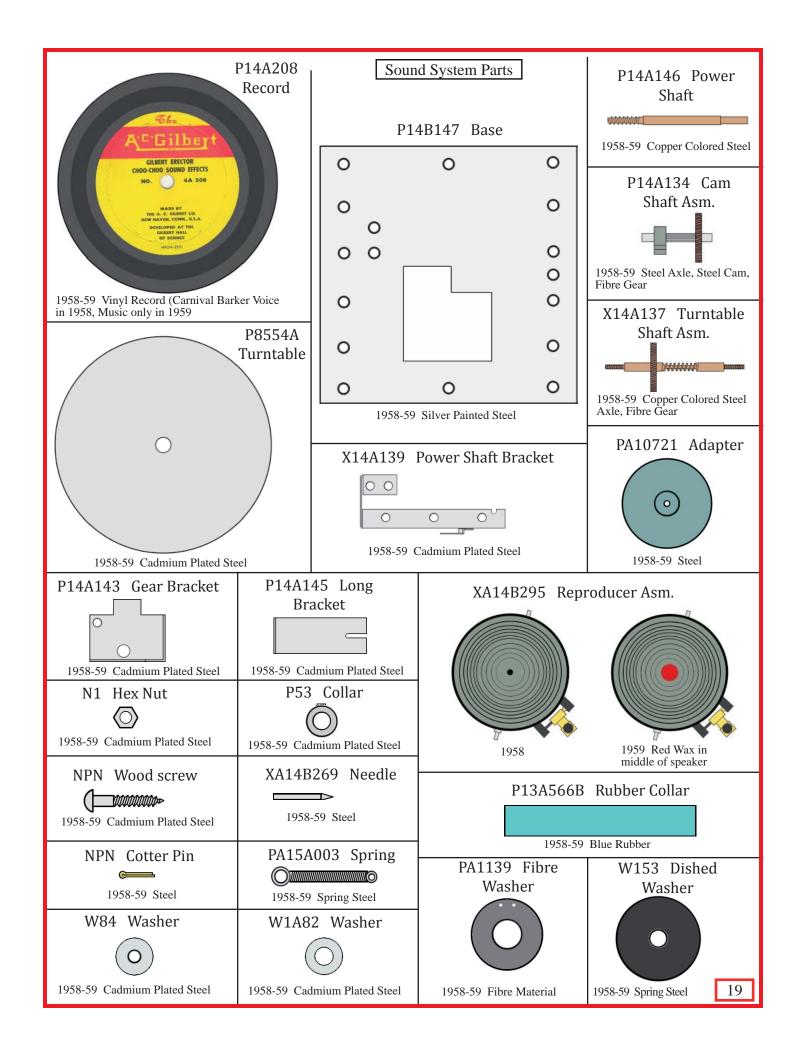
1933 Cardboard Box

#### Parts Box

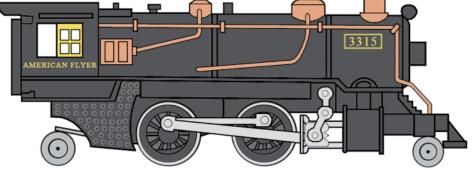


1934-37 Cardboard Box

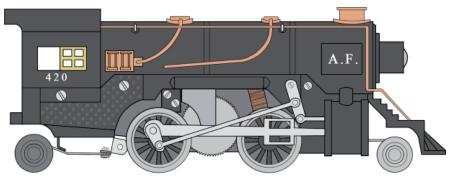




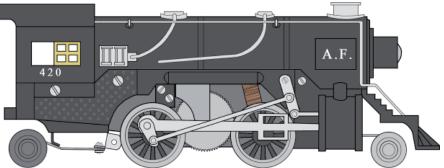




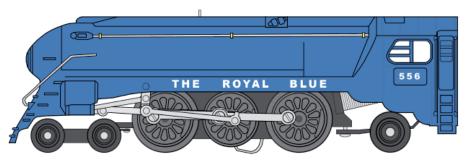
1938 American Flyer O-Gauge 3315 (variations likely exist)



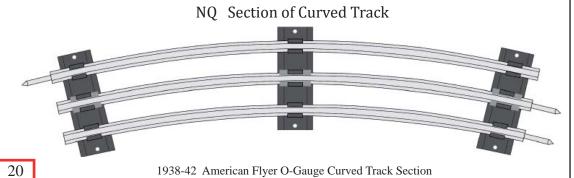
1939 American Flyer O-Gauge 420 with Copper Trim



1940 American Flyer O-Gauge 420 with Nickel Plated Trim



1941-42 American Flyer O-Gauge 556



NR Track Terminal

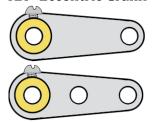


1938-42

1938-42 American Flyer O-Gauge Curved Track Section



## AA Eccentric Crank



1933-34 Nickel Plated Steel - 1 hole w/Brass Hub 1935-52 Nickel Plated Steel - 2 hole w/Brass Hub 1951-62 Cadmium Plated Steel - 2 hole w/Brass Hub

## P15 Coupling





1933-52 Brass 1951-62 Brass Plated Sintered Metal

## P37 Collar



1933-52 Nickel Plated Steel 1951-62 Cadmium Plated Steel

#### W Stack







1933-56 Black Painted Steel 1946-51 Aluminum 1957-62 Black Patina Plated Steel

## CS Wheel Segment



1946-50 Red Painted Aluminum



1946 Blue Painted Steel

#### P34 String



1933-34 White String

1935-62 Blue String

## **AE** Spiral Spring



1933-62 Spring Steel

#### AF Hook



1933-52 Nickel Plated Steel 1951-62 Cadmium Plated Steel

## CA Signal Arm



1933-62 Red Painted Steel 1948-50 Red Thin Plastic

1950-52 Red Painted Fibre Material

1933-34 Red Painted Steel - 2 3/4" diameter



1935-39 Nickel Plated Steel - 2 3/4" diameter

## MJ Electromagnet



1940-58 Red Painted Steel - 1 5/8" diameter



1940-46 1/2" core diameter 1947-62 5/8" core diameter



1958-62 Cadmium Plated Steel - 1 5/8" diameter

## **Erector Flag**



1933-55 Cut Out and Stapled



1956-62 Untrimmed

## T Boiler



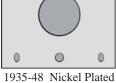
1933-34 Black Painted Steel, Gold Decal



1934 Black Painted Steel, Red ERECTOR Decal



Miscellaneous



Steel, Silver Oval

Label



1935-47 Black Painted Steel, Silver Oval Label (Primarily Sears Sets)



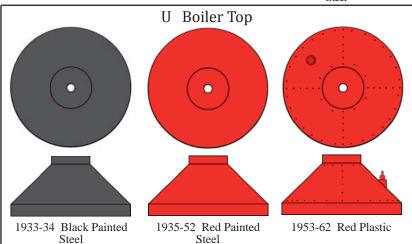
1949-52 Nickel Plated Steel, Rectangular Label 1951-52 Silver Painted 1951-55 Cadmium Plated Steel

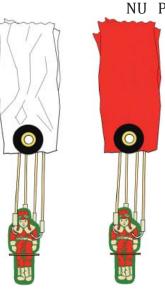


1956-60 Cadmium Plated Steel, New Rectangular Label

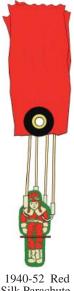


1960-62 Cadmium Plated Steel, Red Printed ERECTOR

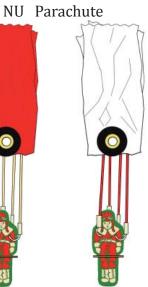




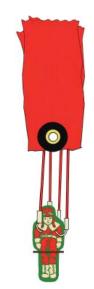




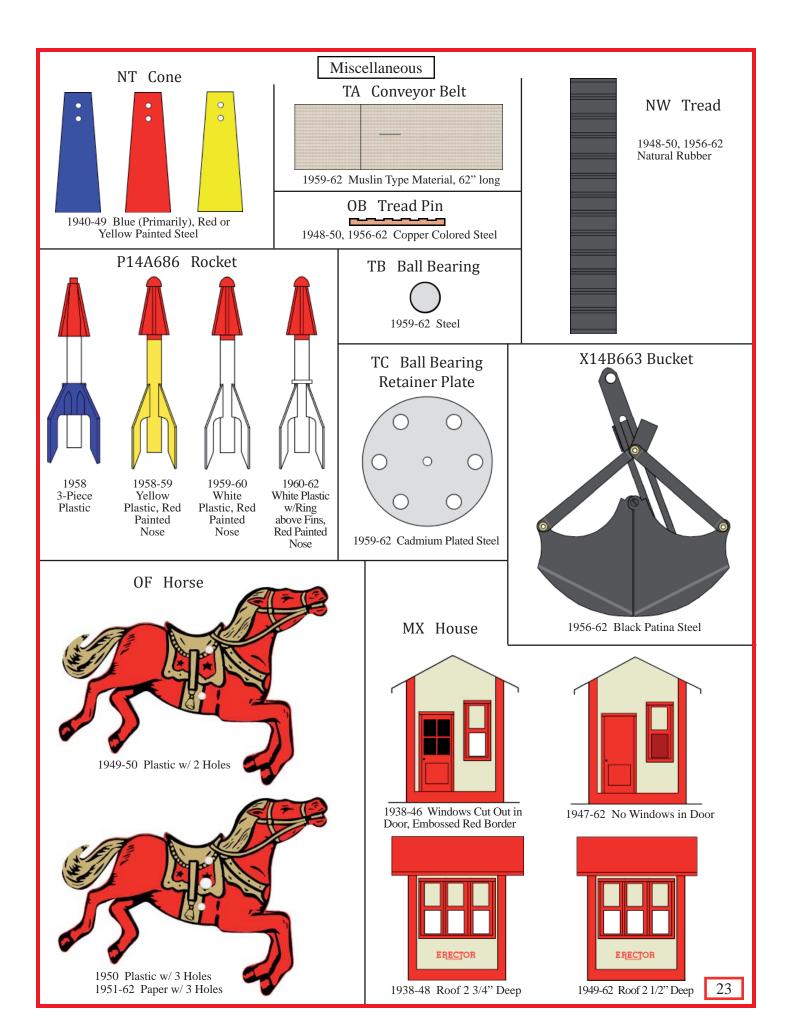
Silk Parachute, Bamboo Struts



1953-55 White Silk Parachute, Red Plastic Struts



1956-62 Red Silk Parachute, Red Plastic Struts



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