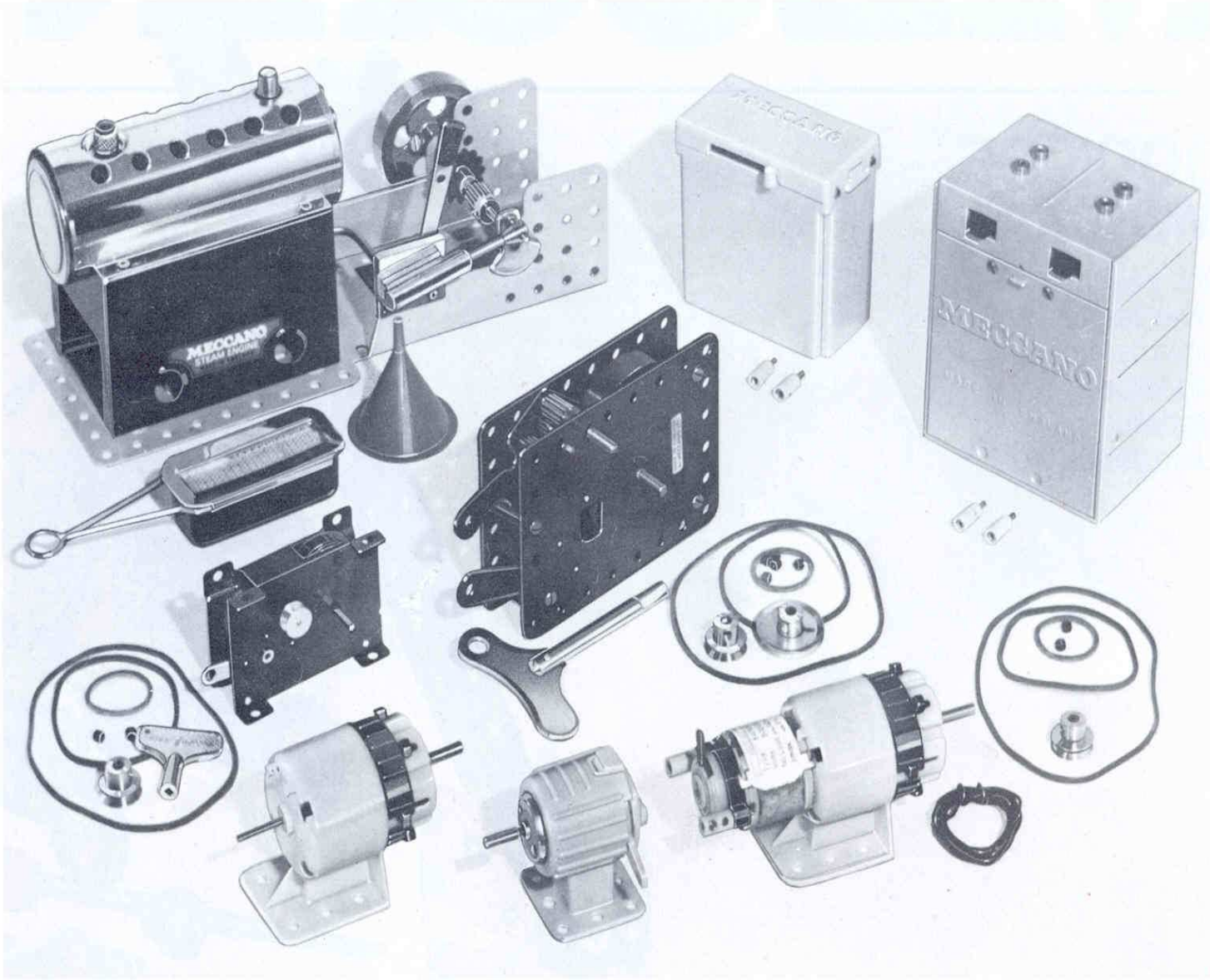
MECCANO® 2

BOOK OF MODELS

Voorbeeldenboek
Livre des modèles
Libro dei modelli
Modellbuch
Modellbok
Libro de modelos

The next step forward

When you have built all the models in this book, you will want to expand the scope of your Meccano set even further. There are lots of useful add-on extras that are specially designed to help you build even better models. Two extension packs are available. The addition of pack S will enable owners of Sets 1 or 2 to build all the models from set 3 and Pack L will enable Set 3 or 4 owners to build all the No. 5 set models. Owners of set 1 will also need a Meccano Power Pack to motorise their No. 3 models.
In addition to the Electric Motor already included in Sets 2, 3, 4 and 5, there's a whole range of different power units to drive models of every type and size.
Clockwork Motors, Electric Motors (one has a built-in 6 speed gearbox) Power Control Units and even a real Steam Engine!
Don't forget that there are hundreds of different parts in the Meccano System—they are detailed in Book 1, and are available from most Meccano dealers.



GB YOUR ELECTRIC MOTOR

This Meccano set includes a 1½-4½ volt DC motor (A), a forward and reverse motor control unit (B), a coil of connecting wire (C), and four plugs (D).

You will need to obtain two HP2 batteries or their equivalent.

1. Remove lid from control unit by squeezing the sides. **2.** Insert the batteries the correct way round as shown on the base, and refit the lid. **3.** Cut the wire into two equal lengths and remove about 1 cm of insulation from each end. **4.** Slide the plug body downwards to expose pin, thread bared end of wire through the eye, about 5 mm, slide body upwards to trap the wire. **5.** Insert the plugs from each wire into the motor end plate and the other plugs into one side only of control unit. **6.** To start motor, switch 'on' at both control unit and motor. Moving either switch in the opposite direction will reverse the drive.

F VOTRE MOTEUR ELECTRIQUE

Ce jeu de Mécano comprend un Moteur DC de 1,5-4,5 voltes (A), un groupe de commande avant et arrière (B), une bobine de fil de connexion (C) et quatre fiches (D).

Vous aurez besoin de deux piles HP2 ou équivalentes.

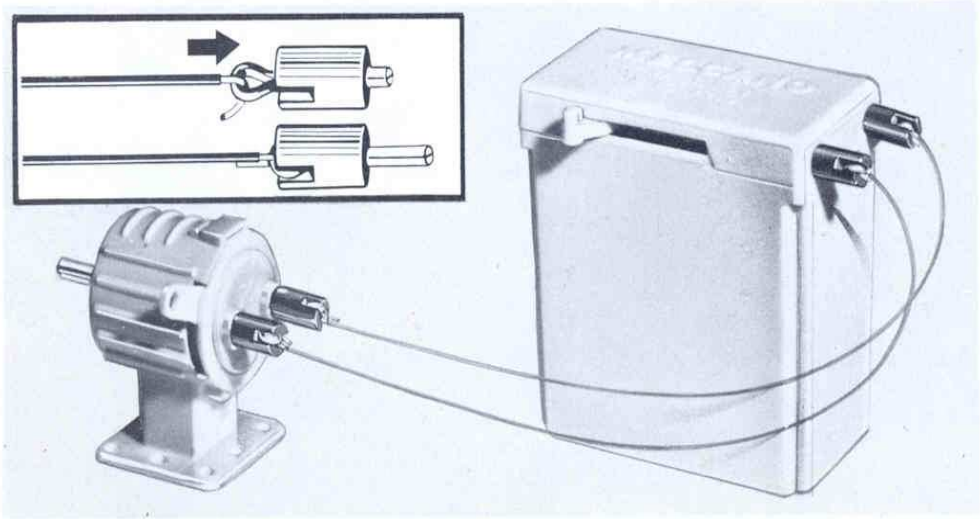
1. Enlever le couvercle du groupe de commande en appuyant sur les côtés. **2.** Placer les piles, la position correcte est illustrée sur le fond, et replacer le couvercle. **3.** Couper le fil en deux longueurs égales et enlever environ 1 cm d'isolant à chaque bout. **4.** Glisser le corps de la fiche vers le bas pour faire sortir la pointe, passer le fil nu dans le trou, environ 5 mm, retirer le corps vers le haut pour coincer le fil. **5.** Introduire les fiches provenant de chaque fil dans la plaque du moteur et les autres fiches sur un seul côté du groupe de commande. **6.** Pour mettre le moteur en marche, placer le switch sur 'on' au groupe de commande ainsi que sur le moteur. Le déplacement du switch dans la direction opposée renversera la transmission.

N DIN ELEKTRISKE MOTOR

Dette Meccano-settet inneholder en 1½-4½ volt likestrømsmotor (A), en kontrollenhet (B) som regulerer motorens rotasjonsretning, en spole med ledning (C) og fire plugger (D).

Du trenger to HP2 batterier eller tilsvarende for å drive motoren.

1. Ta lokket av kontollenheten ved å trykke sidene sammen. **2.** Legg batteriene på plass, pass på at de ligger riktig vei, se skissen på bunnen av enheten, legg lokket tilbake. **3.** Del ledningen opp i to like store lengder og skrap ca. 1 cm av isolasjonen av hver ende. **4.** Skyv pluggen ned slik at selve pinnen blir blottlagt, stikk den uisolerte enden av ledningen gjennom øyet, ca. 5 mm, skyv selve pluggen opp slik at ledningen holdes fast. **5.** Før pluggene fra hver ledning inn i motorens endeplate og de andre pluggene bare inn i den ene siden av kontrollenheten. **6.** For å starte motoren slår du både kontrollenheten og motoren på. Om du nå vrir på en av bryterne vil motoren dreie i motsatt retning.



D IHR ELEKTROMOTOR

Dieser Meccanosatz schliesst einen 1½-4½ Volt Gleichstrommotor (A), eine Vorwärts- und Rückwärtskontrolleinheit (B), eine Spule Verbindungsdraht (C), und vier Stecker (D), ein.

Sie müssen zwei HP 2 Batterien oder ihr Äquivalent verschaffen.

1. Entfernen Sie den Deckel der Kontrolleinheit durch Drücken der Seiten. **2.** Setzen Sie die Batterien ein; die genaue Lage ist auf der Basis angegeben, und schliessen Sie den Deckel wieder. **3.** Schneiden Sie den Draht in zwei gleichmässige Längen und entfernen Sie ungefähr 1 cm der Isolierung von jedem Ende. **4.** Lassen Sie den Steckerkörper heruntergleiten, um die Nadel frei werden zu lassen, fädeln Sie das blosse Drahtende durch das Öhr, ungefähr 5 mm, schieben Sie den Körper nach oben, um den Draht festzuhalten. **5.** Setzen Sie die Stecker jedes Drahtes in die Motorkopfplatte ein und die anderen Stecker in nur eine Seite der Kontrolleinheit. **6.** Um den Motor zu starten, stellen Sie auf "an", sowohl bei der Kontrolleinheit, wie beim Motor. Wenn einer der beiden Schalter in entgegengesetzter Richtung bewegt wird, wird die Antriebsrichtung umgekehrt.

E MOTOR ELECTRICO

Este equipo de Meccano incluye un Motor DC de 1½-4½ voltios (A), una unidad de control hacia adelante y hacia atráz (B), un rollo de alambre de conección (C), y cuatro enchufes (D).

Necesitas dos HP2 Pilas o su equivalente.

1. Quita la tapa de control de unidad, presionando los lados. **2.** Coloca las pilas, la forma correcta la encuentras en la base, y vuelve a colocar la tapa. **3.** Corta el alambre en dos partes iguales y quita cerca de 1 cm del forro del alambre de cada extremo. **4.** Tira hacia atráz el cuerpo del enchufe dejando descubierto la parte interior. Pasa el alambre pelado por el ojo, más o menos 5 mm. Tira hacia adelante el cuerpo del enchufe para atrapar el alambre. **5.** Inserta los enchufes de cada alambre al final de la plataforma del motor y los otros enchufes en solamente un lado de la unidad de control. **6.** Para hacer funcionar el motor, enciende ambas unidades, la de control y la de motor. Moviendo cualquiera de los encendedores en dirección contraria cambiará la dirección de conducir.

I IL TUO MOTORE ELETTRICO

Questa collezione del Meccano include un motore con voltaggio DC1 ½-4½ (A), un motore reparto controllo avanti e indietro (B), una bobina di filo d'induzione (C), e quattro spine (D).

È necessario che tu ti provveda di due pile HP2, o equivalenti ad esse.

1. Rimuovi il coperchio dal reparto controllo premendo i lati. **2.** Inserisci le pile, la maniera corretta è mostrata sulla base, e rimetti il coperchio. **3.** Taglia il filo elettrico in due lunghezze eguali e rimuovi circa cm 1 d'isolante da ogni estremità. **4.** Tira in giù la cassetta della spina per esporre lo spillo, infila nell'occhio l'estremità scoperta del filo di circa 5 mm, tira in su las cassetta per tenere in trappola il filo. **5.** Inserisci le spine di ogni filo nell'estremità della piastra del motore, e le altre spine in un lato solo del reparto controllo. **6.** Per accendere il motore, accendi tutti e due il reparto controllo e il motore. Muovendo sia l'una che l'altra chiavetta nella direzione opposta si invertirà l'energia.

NL JE MOTOR

Deze Meccano set bevat een 1½-4½ volt gelijkstroom motor (A), een motorregelapparaat vooruit/achteruit (B), een spoel aansluitmgsdraad (C) en vier stekkertjes (D).

Je moet twee HP2 of soortgelijke batterijtjes erbij kopen.

1. Verwijder het dekseltje van het regelapparaat door de zijkanten in te drukken. **2.** Zet de batterijtjes in de juiste stand zoals op het voetstuk is aangegeven erin en zet het dekseltje weer terug. **3.** Knip het draad op twee stukken van gelijke lengte en verwijder ca. 1 cm isolatie van elk der einden. **4.** Schuif de huls van de stekker omlaag zodat de pen wordt blootgesteld, steek het blote draadeind ongeveer 5 mm door de oog, schuif de huls omhoog zodat de draad wordt vastgeklemd. **5.** Steek de stekkers aan beide draadstukken in de achterplaat van de motor en de stekkers aan de andere einden in slechts één zijde van het regelapparaat. **6.** Om de motor aan te zetten, moet zowel het regelapparaat als de motor worden ingeschakeld. Door een der beide schakelaars om te schakelen, loopt de motor in de andere richting.

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2.4
2.9
2.6
2.2
INTERNATIONAL CONSTRUCTORS
DANGER!
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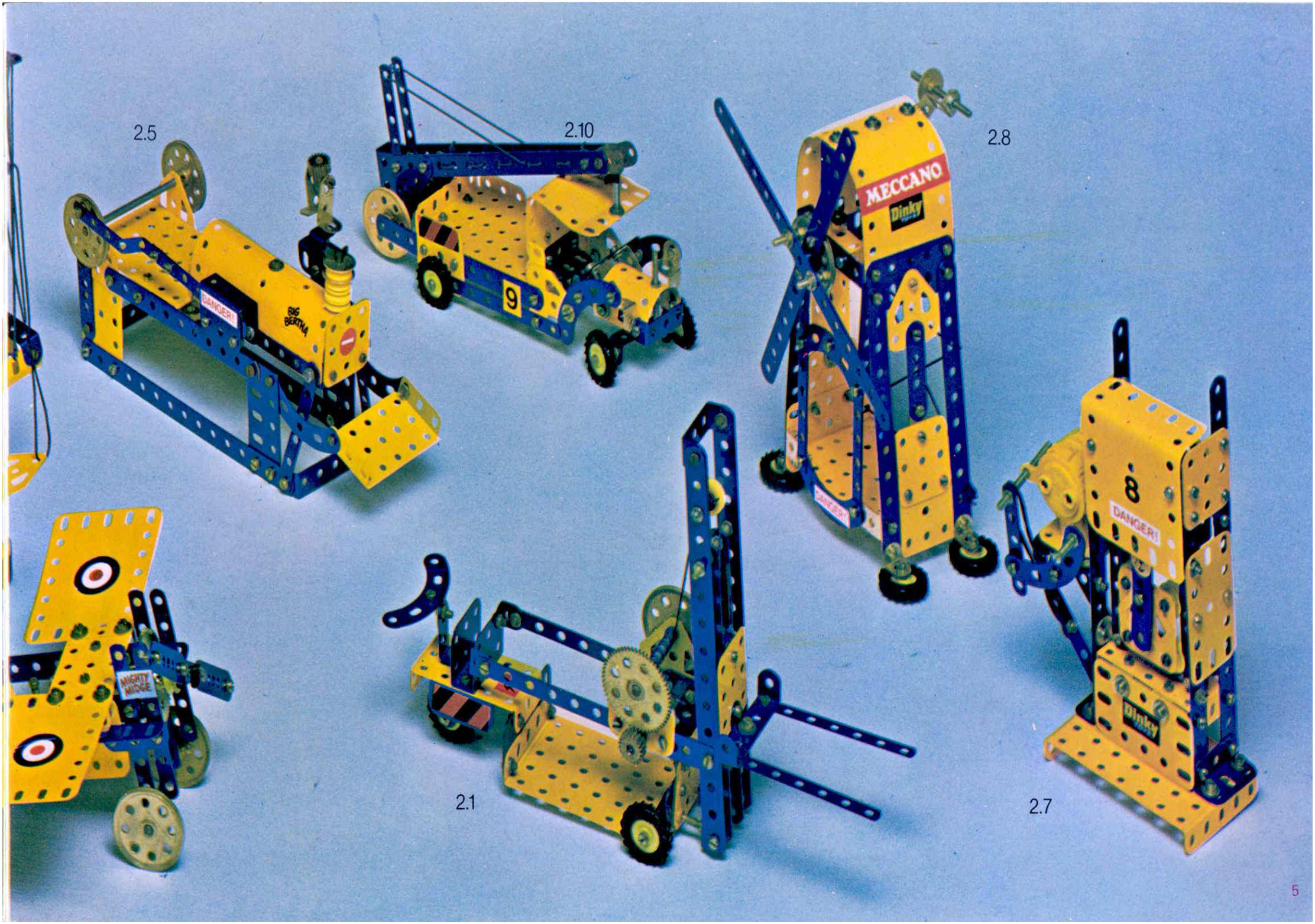
89
MECCANO
7


2.5
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BIG BERTHA
MIGHTY MIDGE
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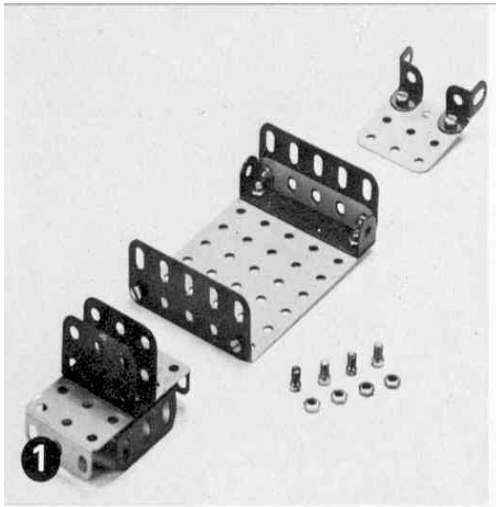
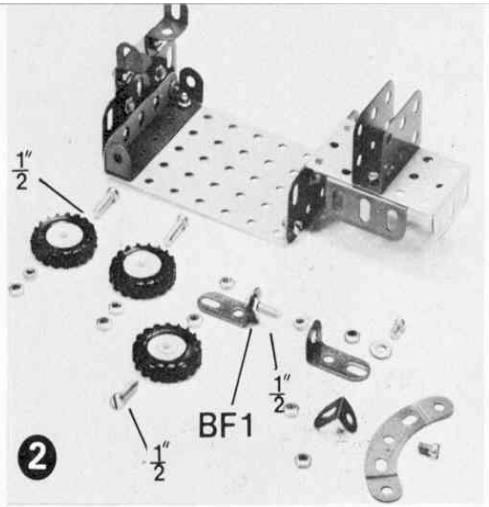
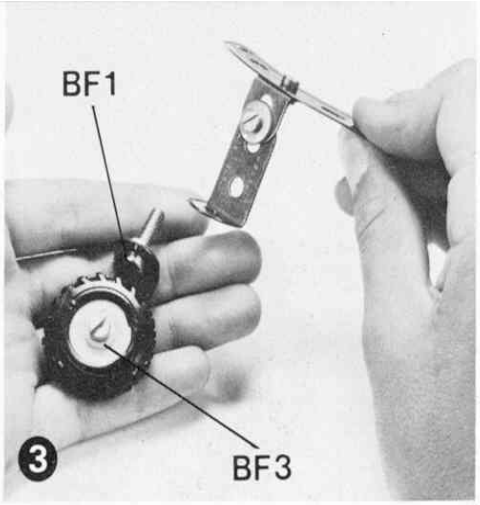
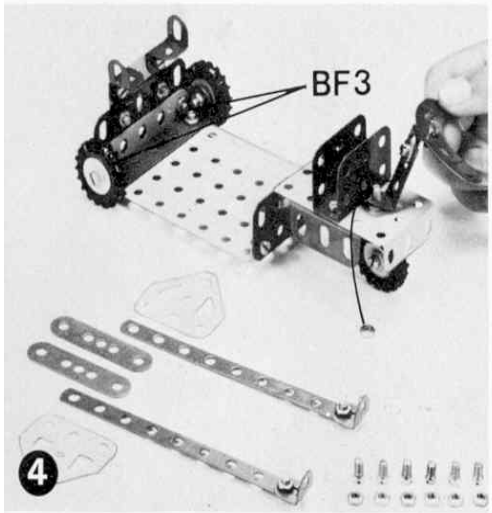
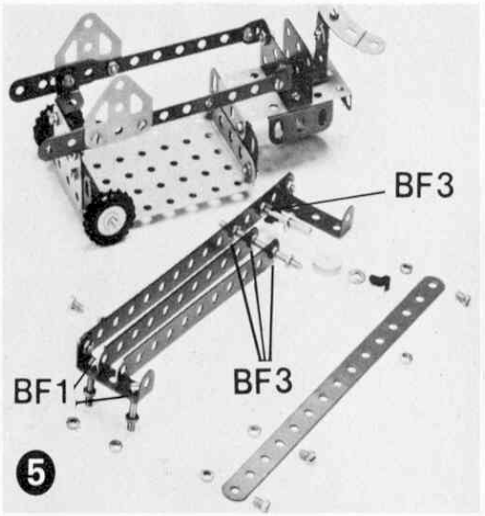
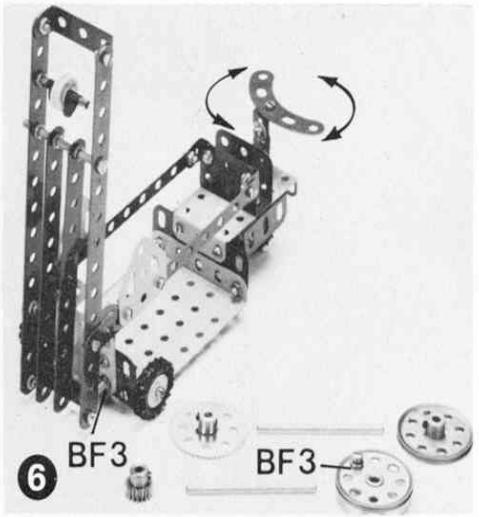


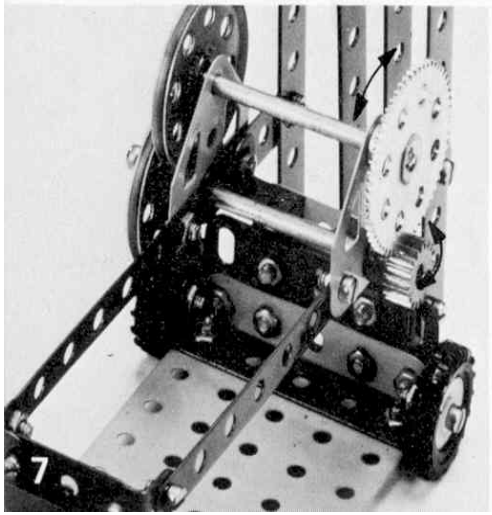


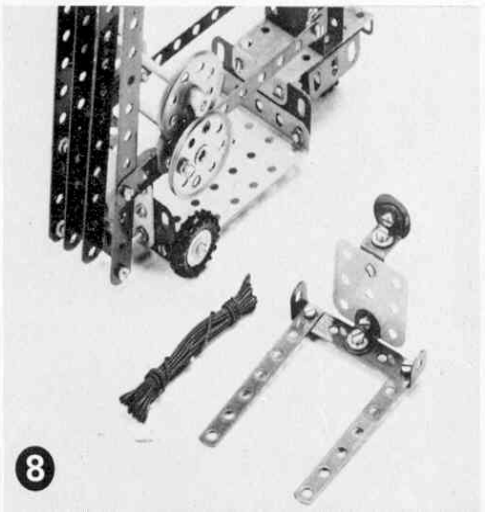


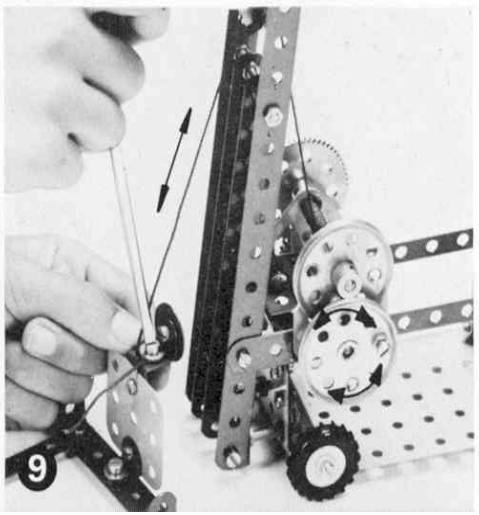


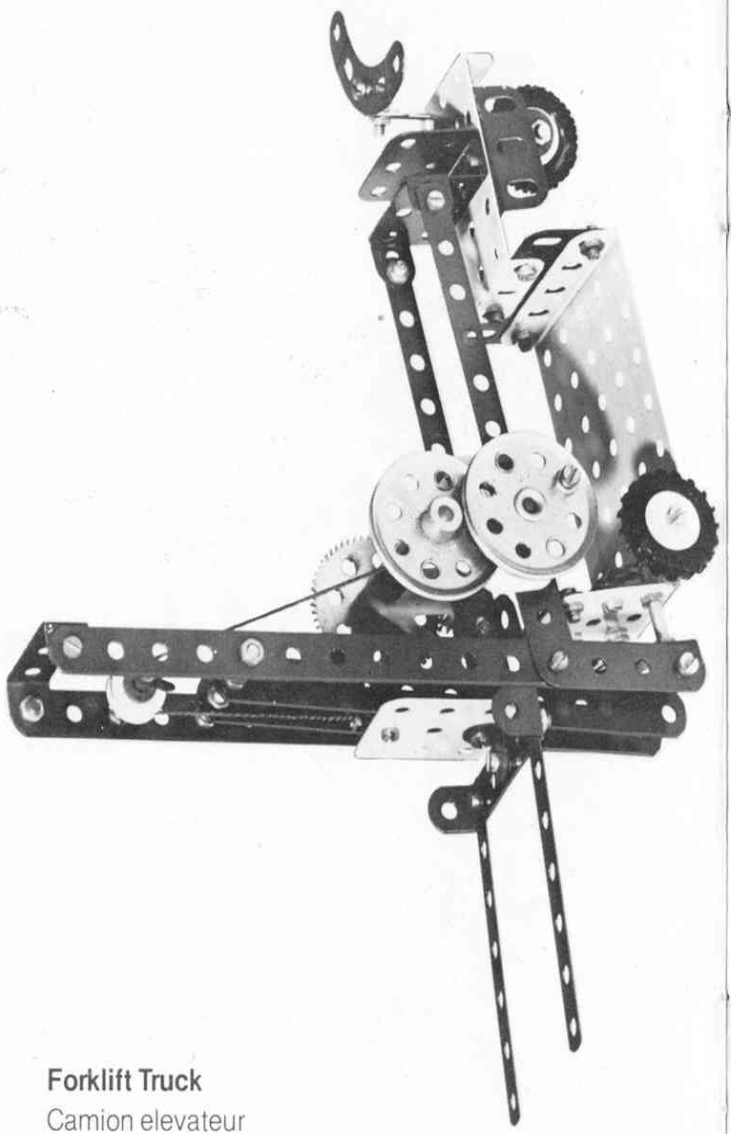






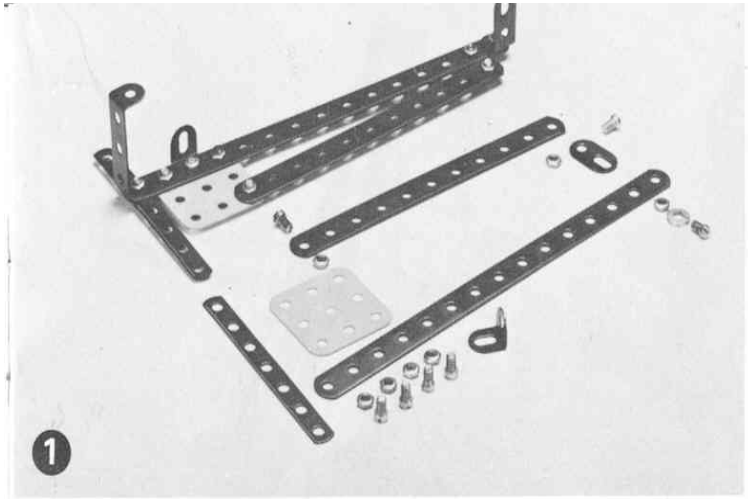






Forklift Truck
Camion elevateur
vorkhef-truck
Gabelstabler
Gaffeltruck
Carretilla elevadora
Carrello elevatore a forca

Vintage Aeroplane
Avion d'origine
historische vliegtuigen
Flugzeugveteran
veteranfly
Avion Antiguo
Aereoplano antico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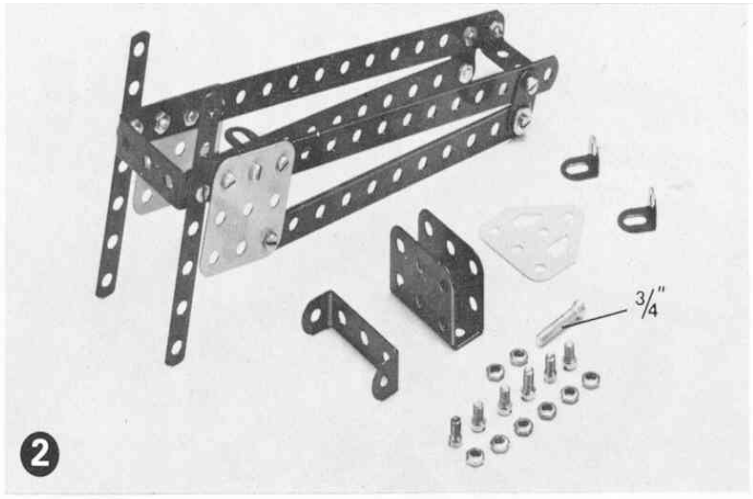

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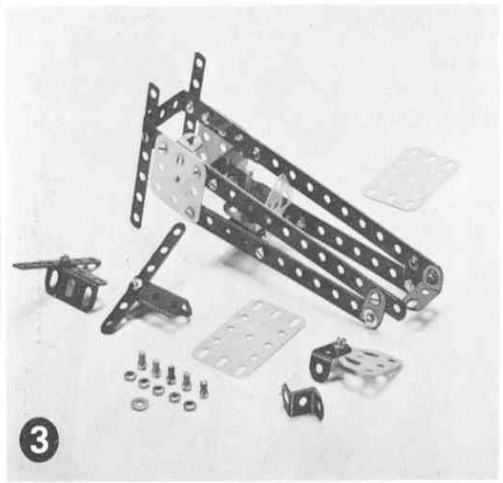
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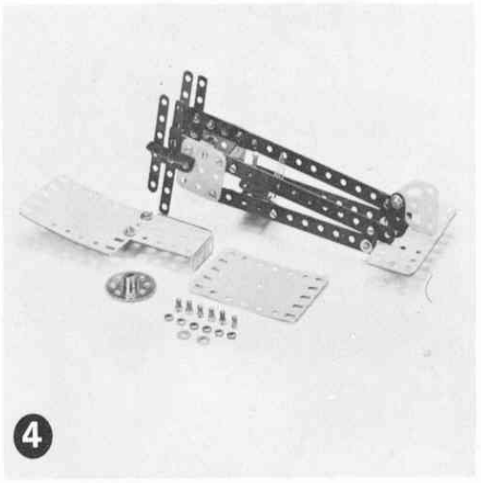
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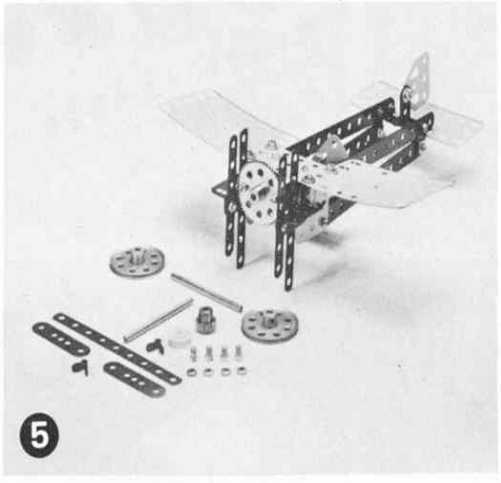
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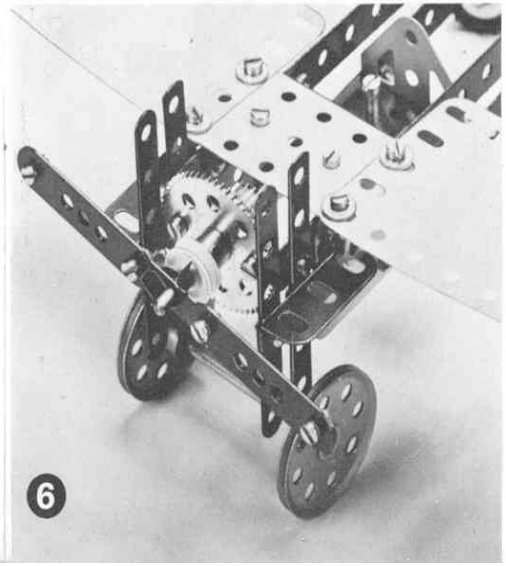
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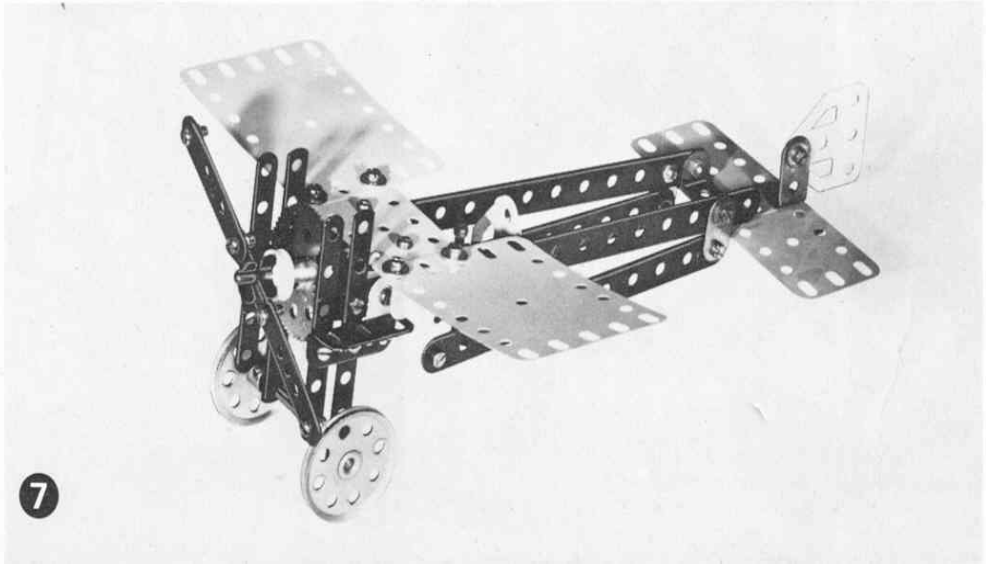
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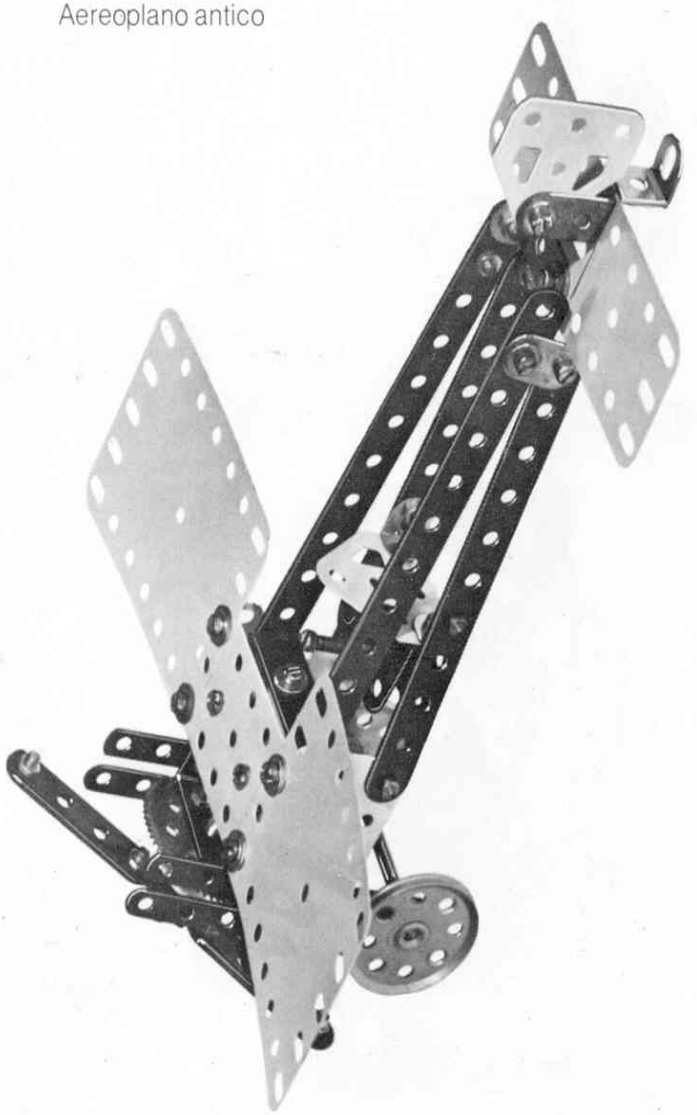

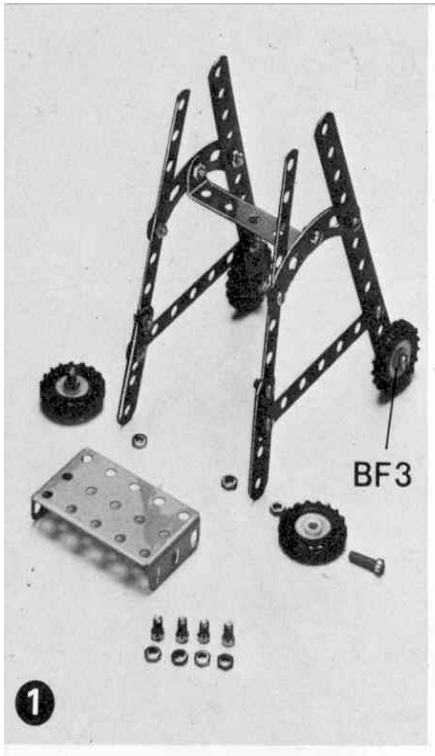
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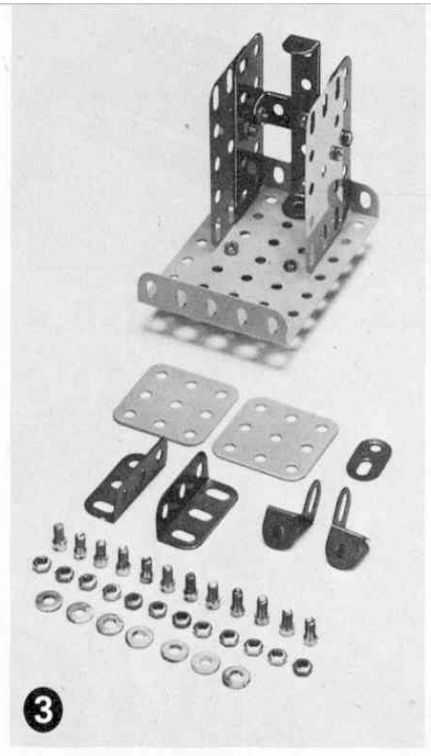
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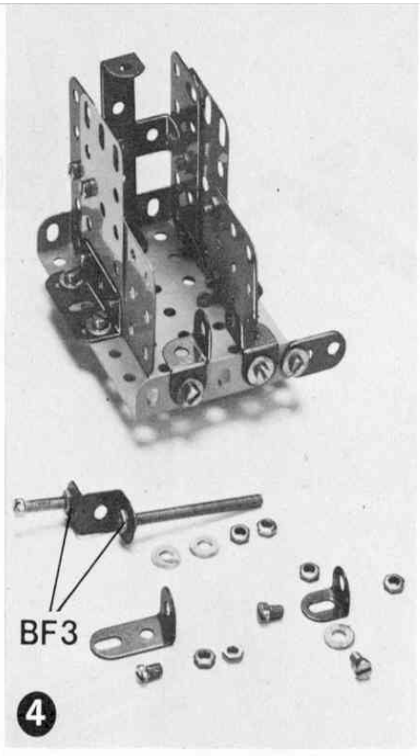
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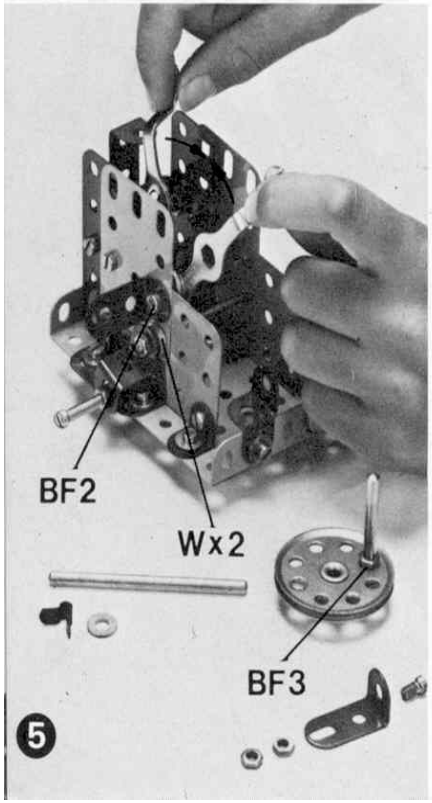
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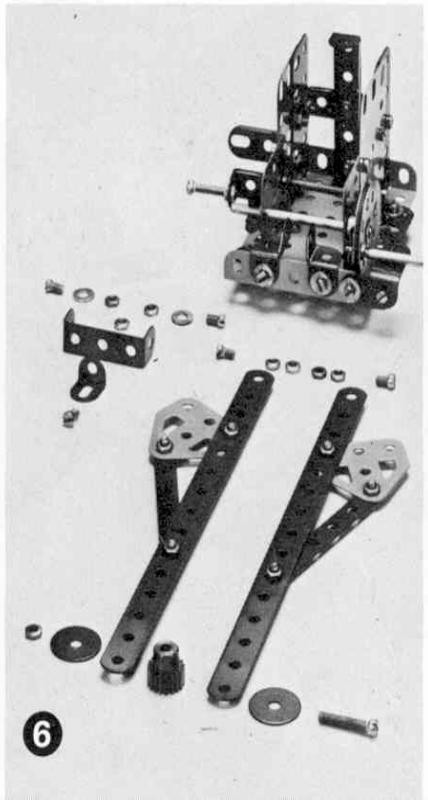
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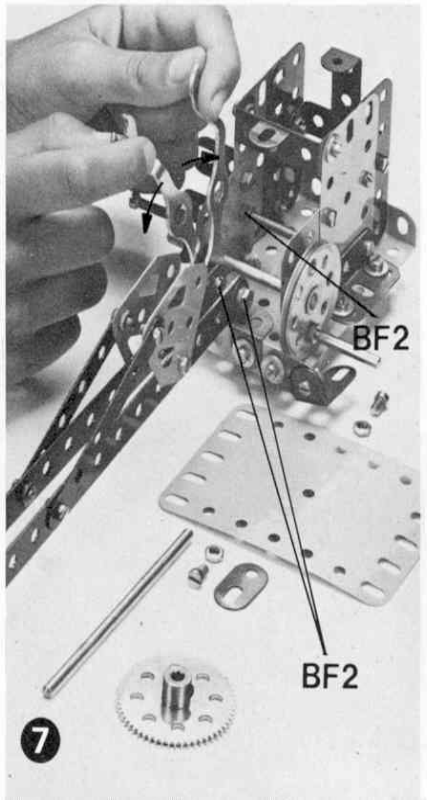
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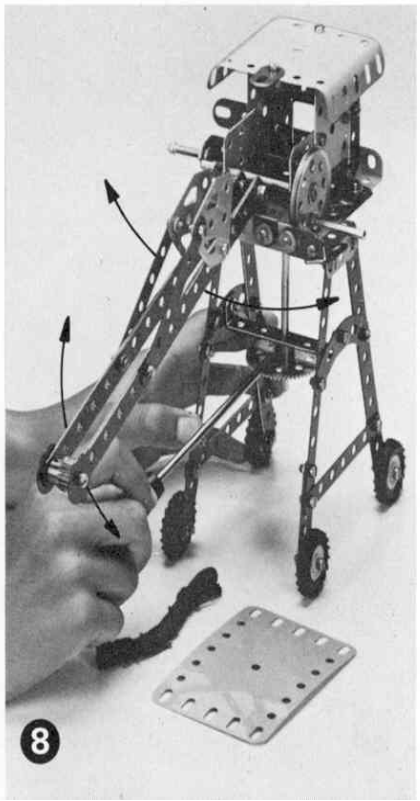
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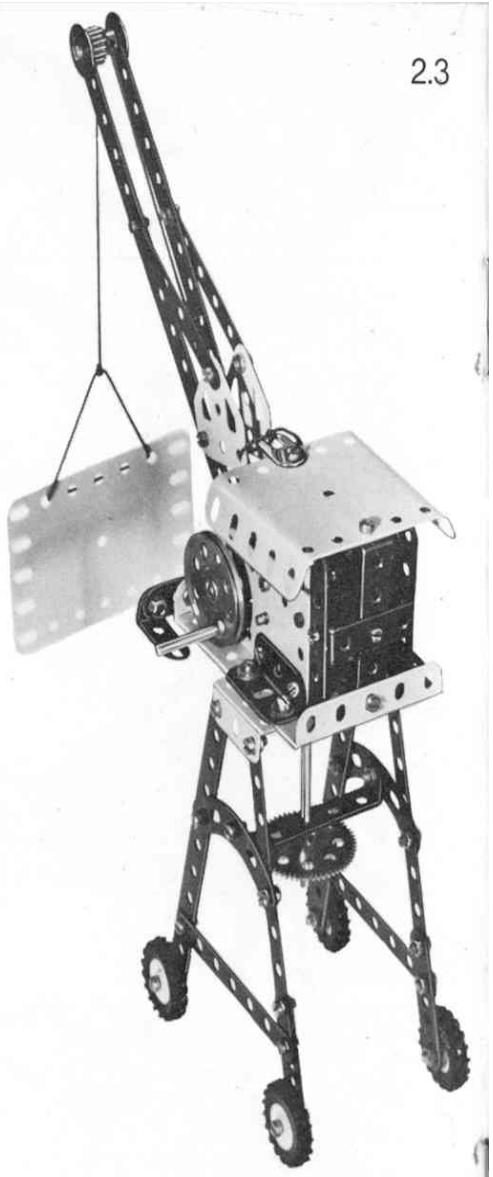

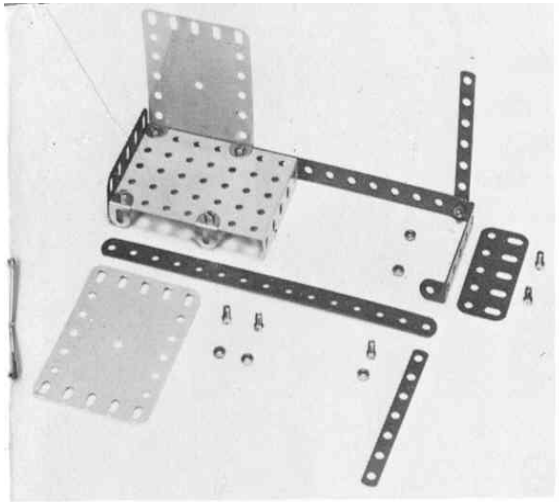

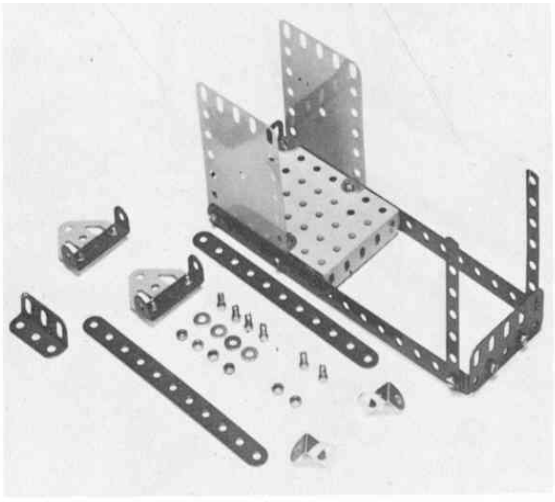

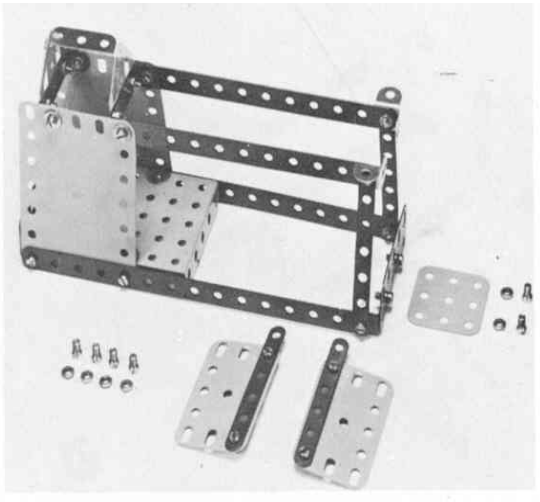

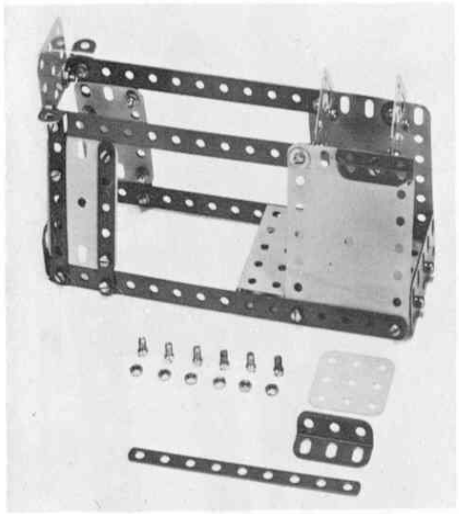

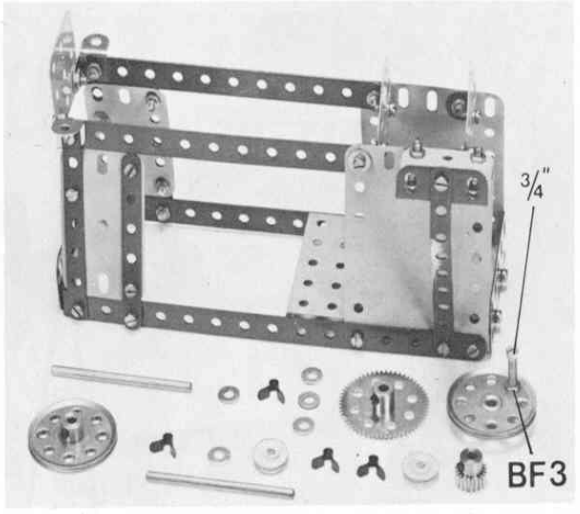
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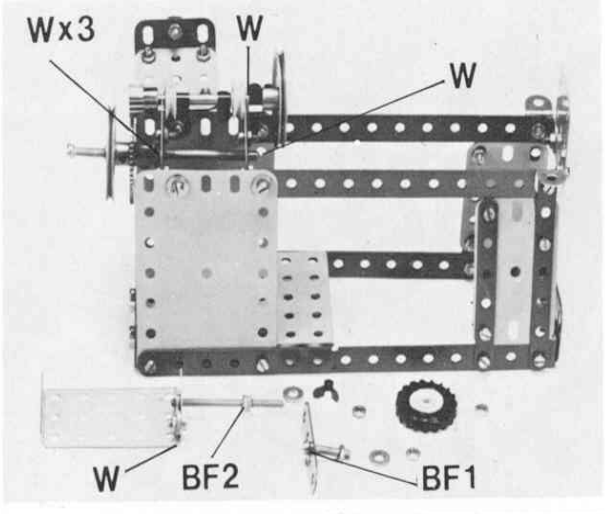
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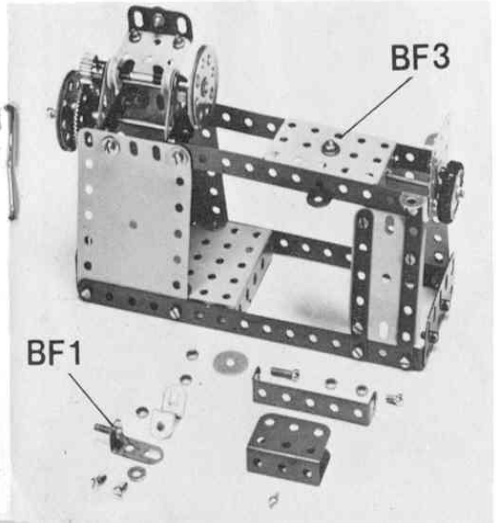
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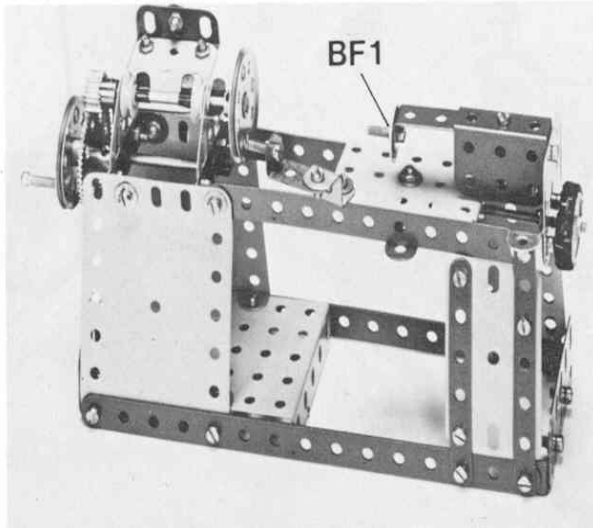
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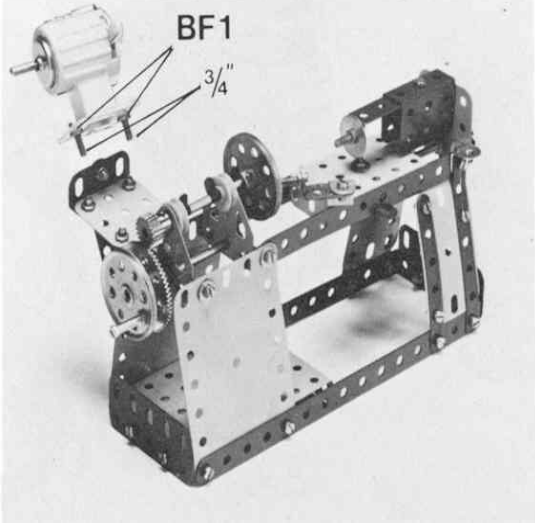
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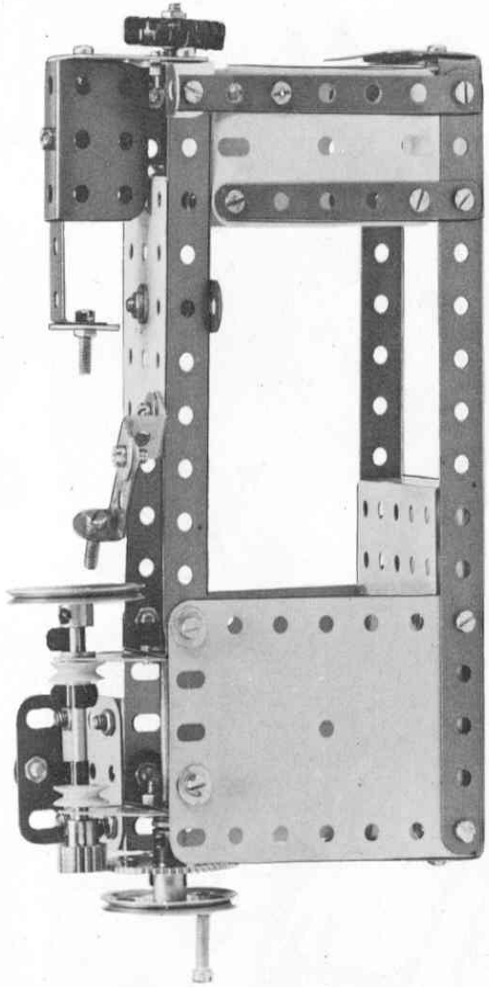
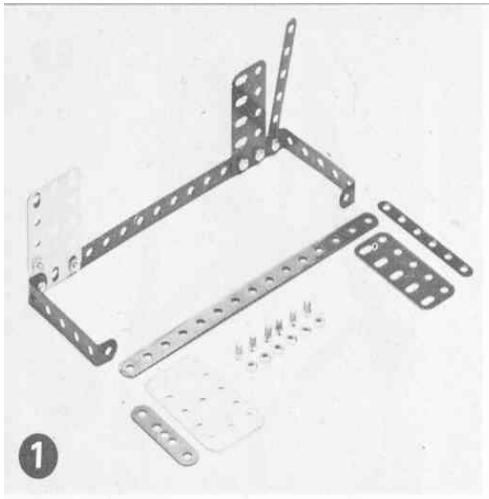
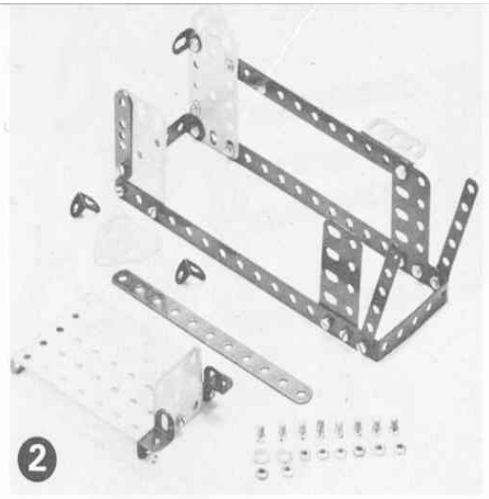
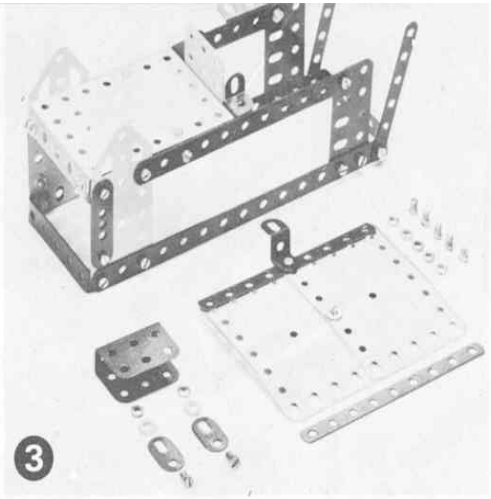


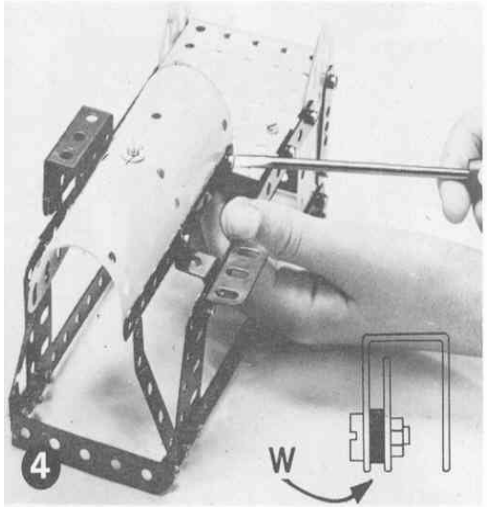
Steam Engine

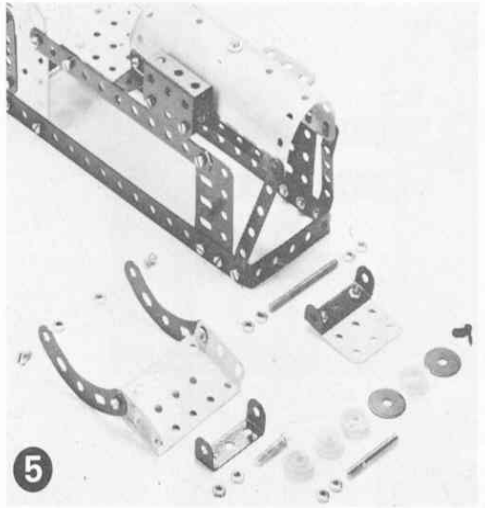
Machine à vapeur
stoomachine
Dampfmaschine
Dampmaskin
Motor a Vapor
Motrice a vapore

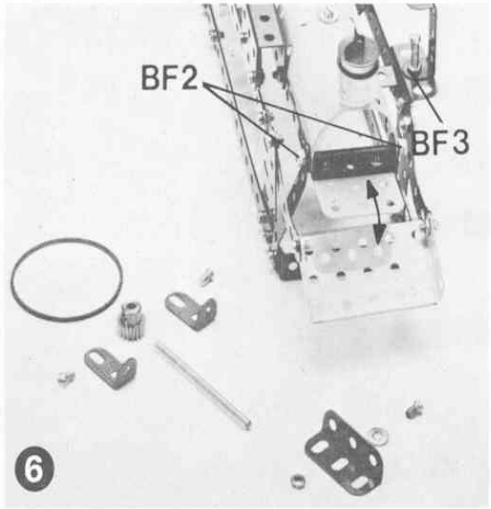


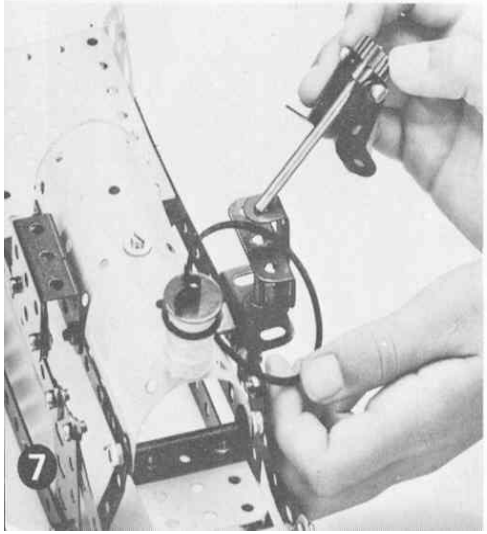


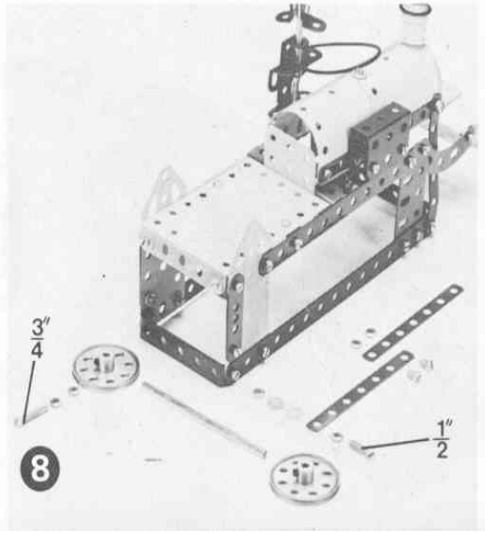


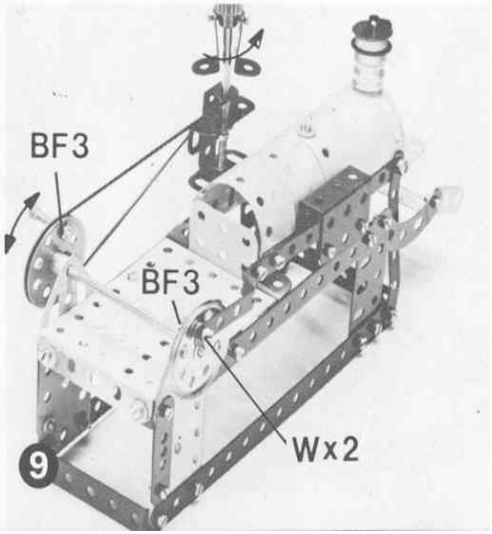


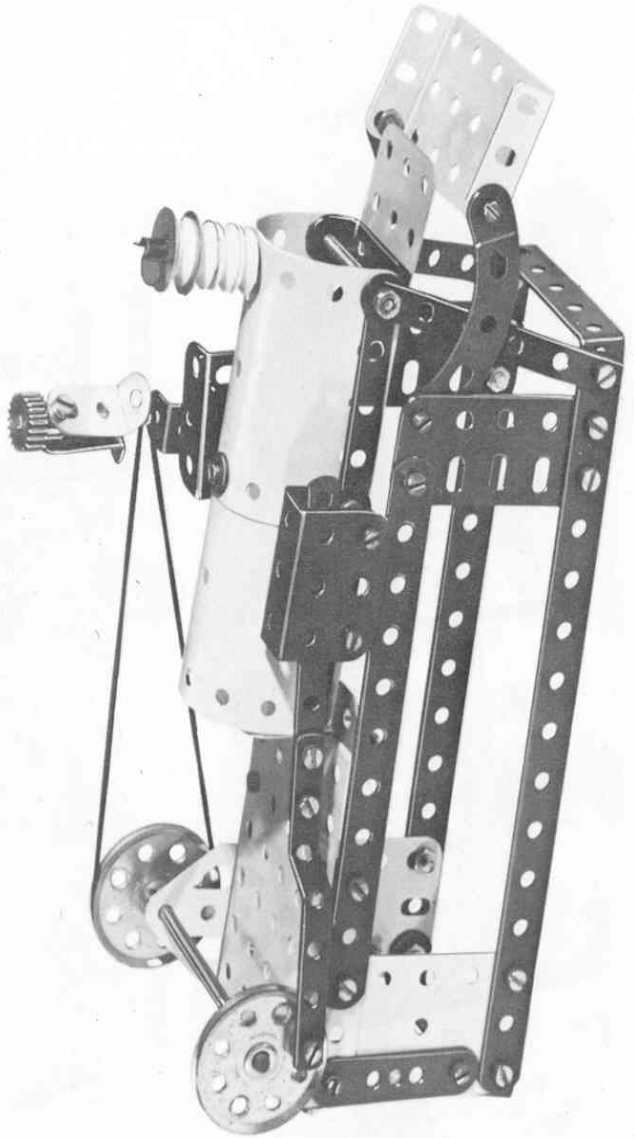


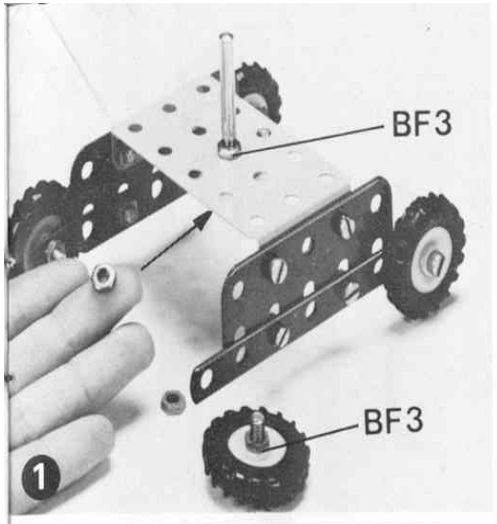


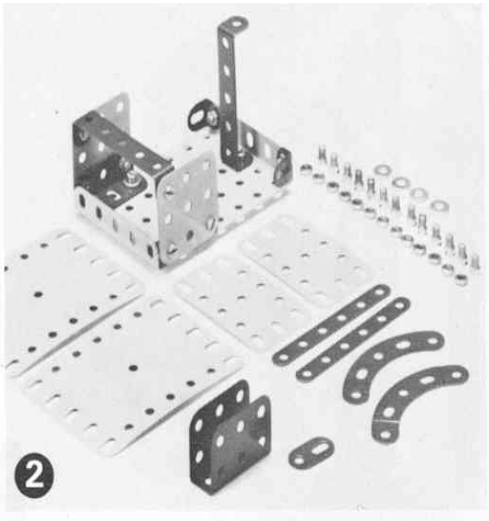


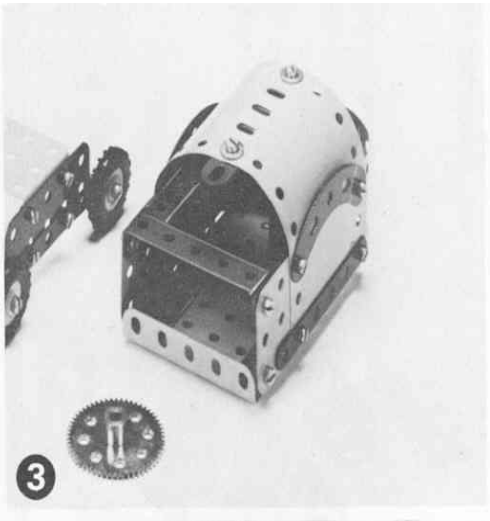


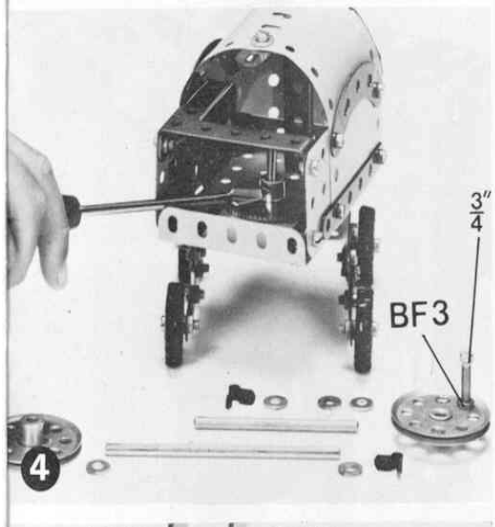


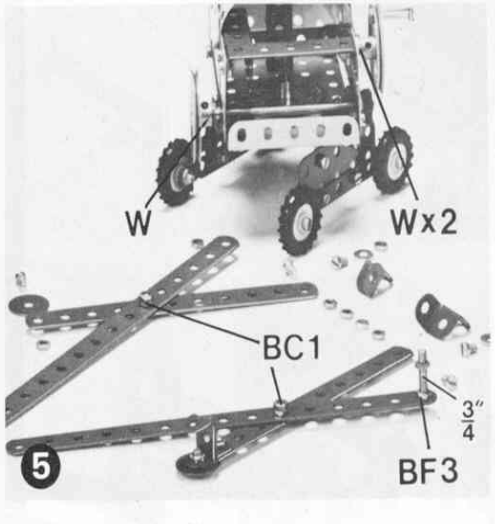


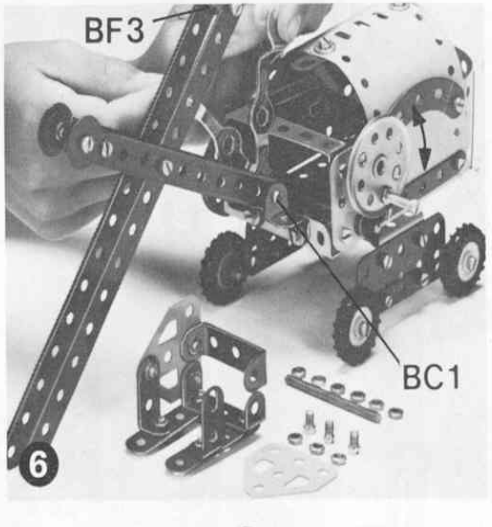


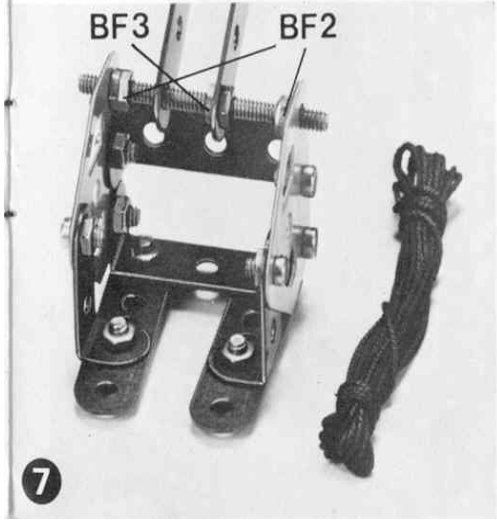


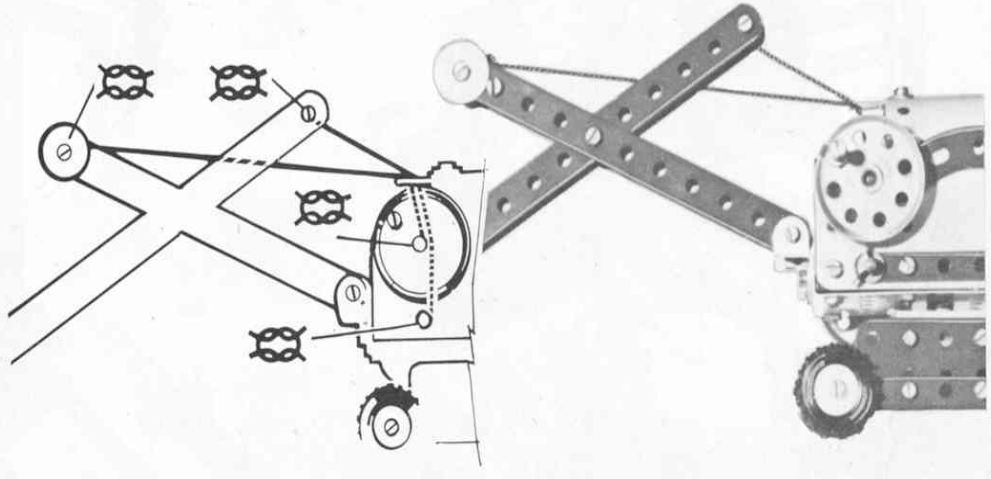


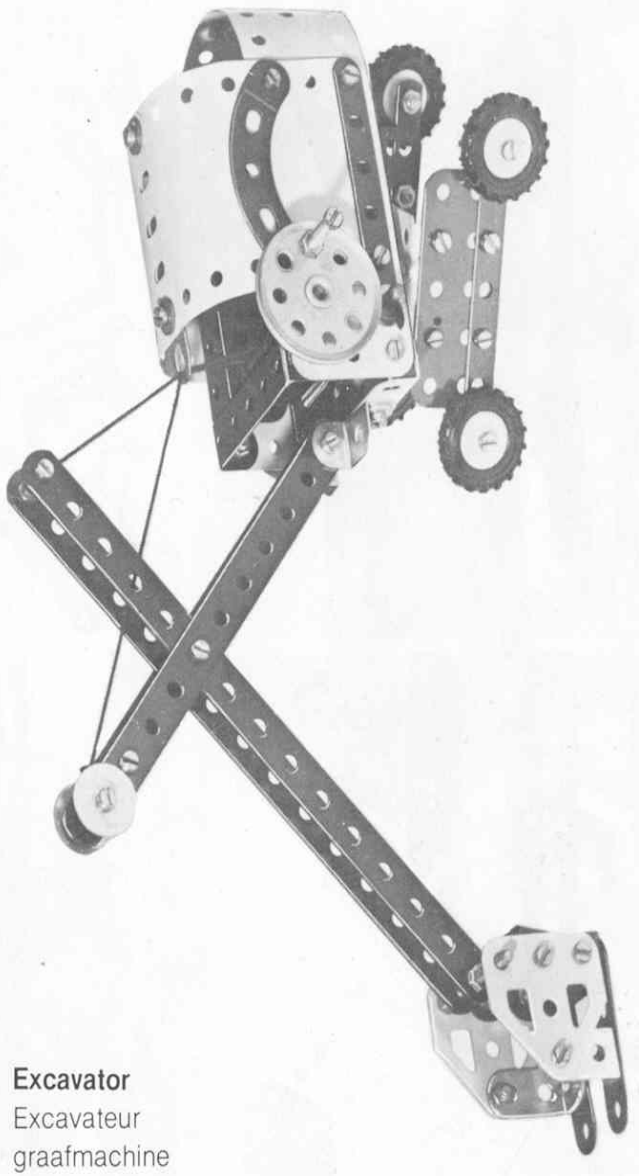




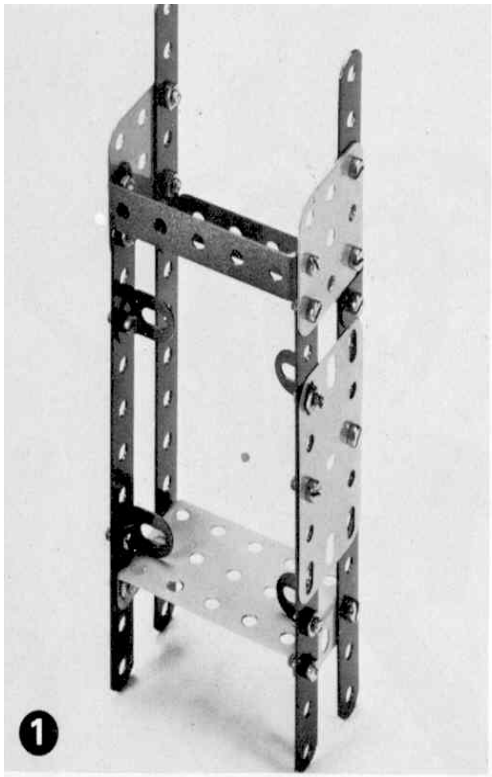








Excavator
Excavateur
graafmachine
Bagger
Gravemaskin
Escavadora
Scavatore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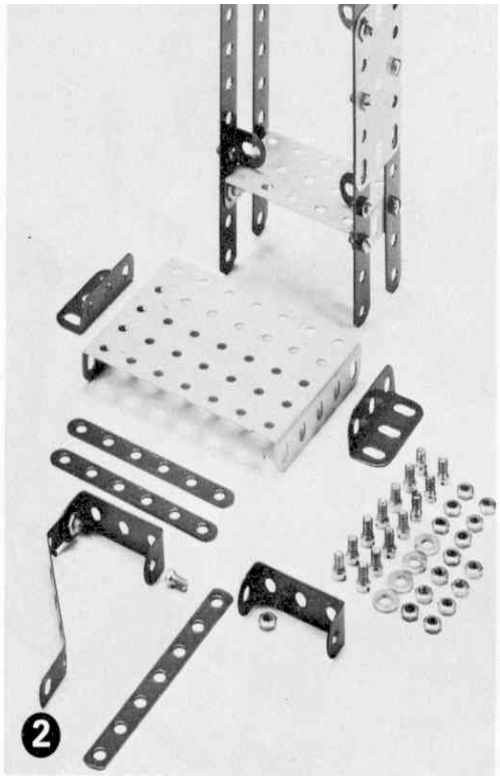
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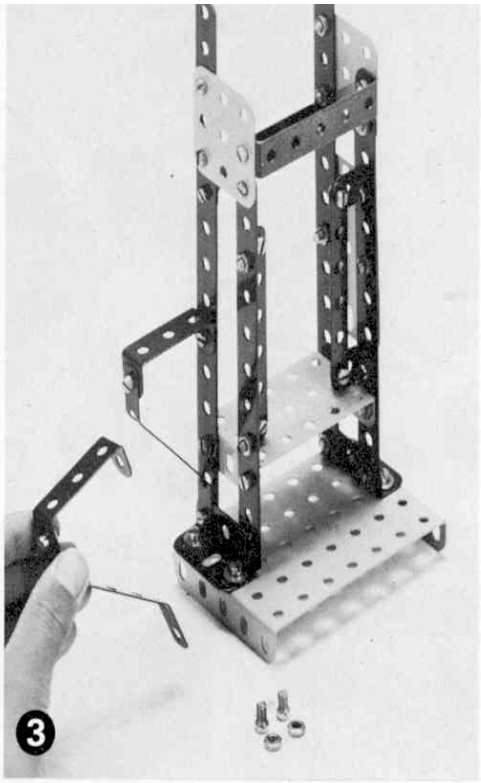
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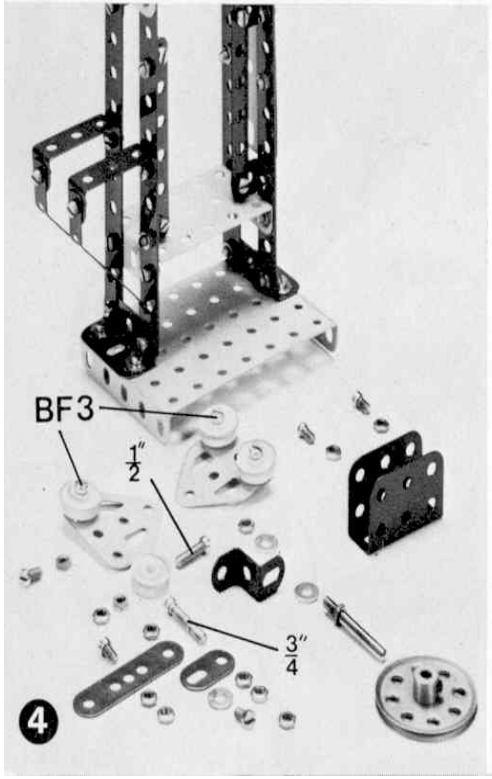
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3/4"
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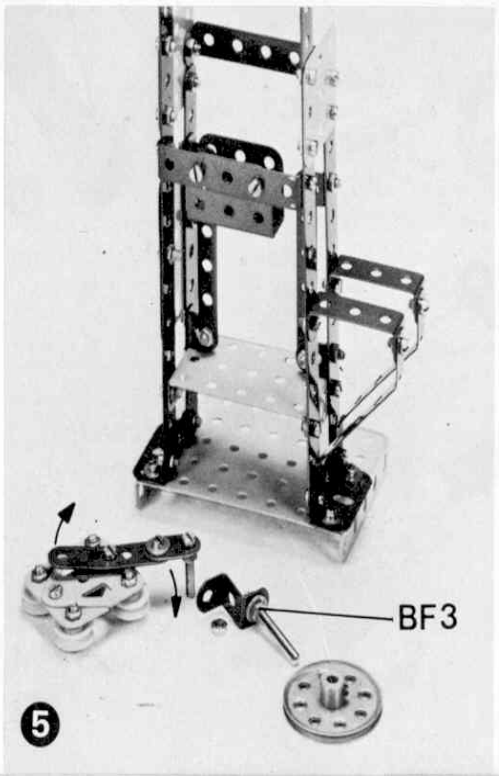
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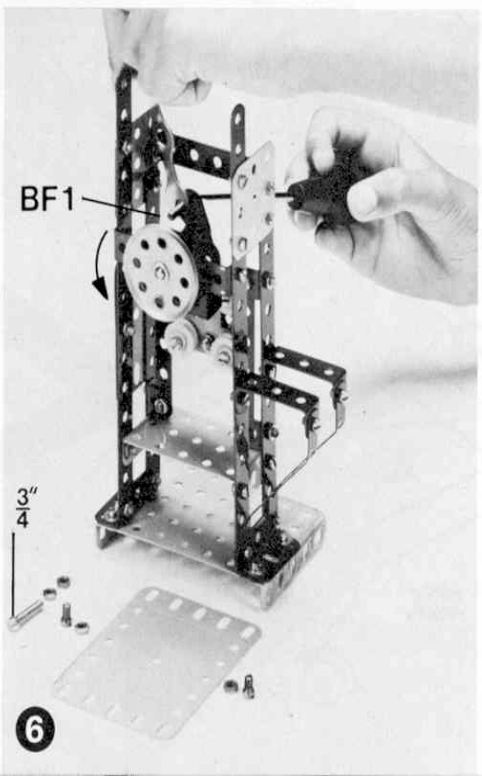
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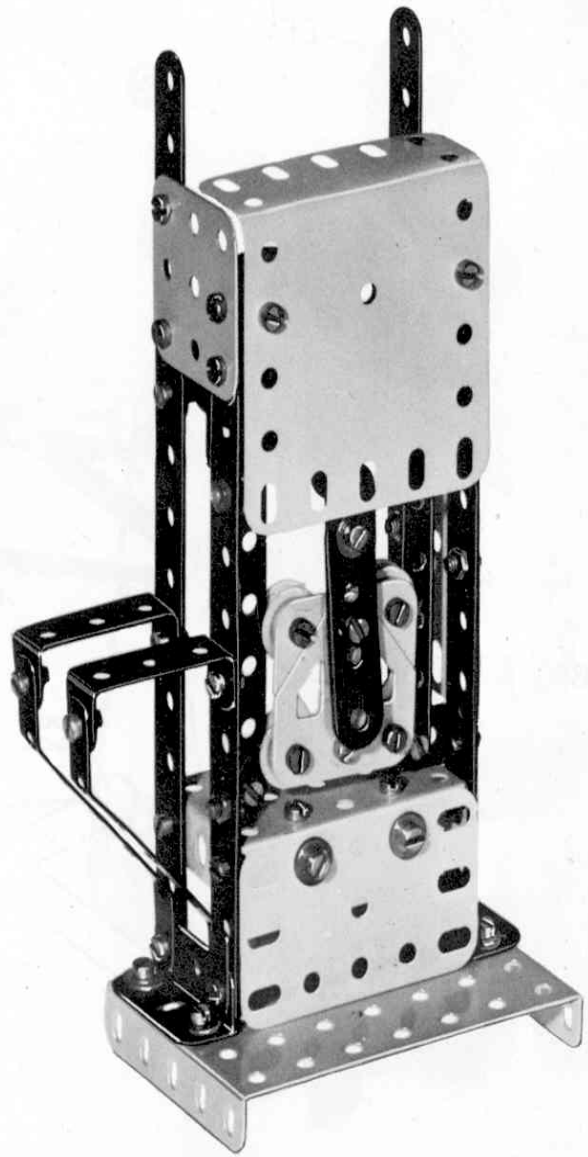

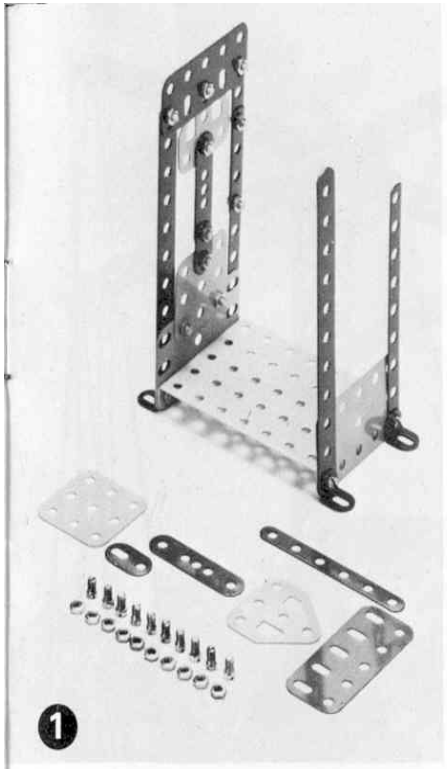
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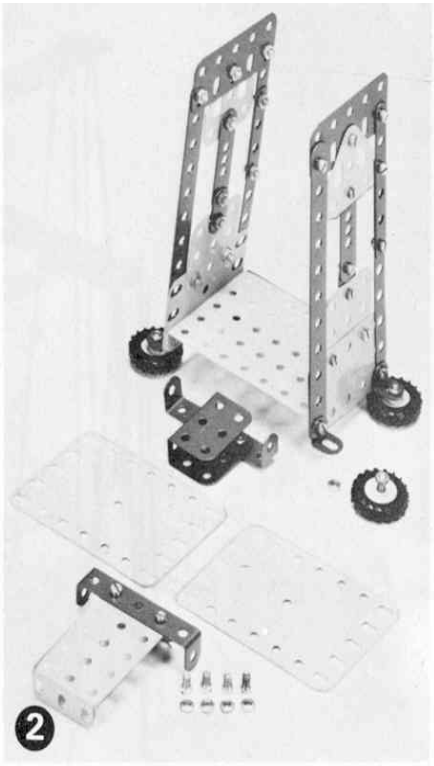
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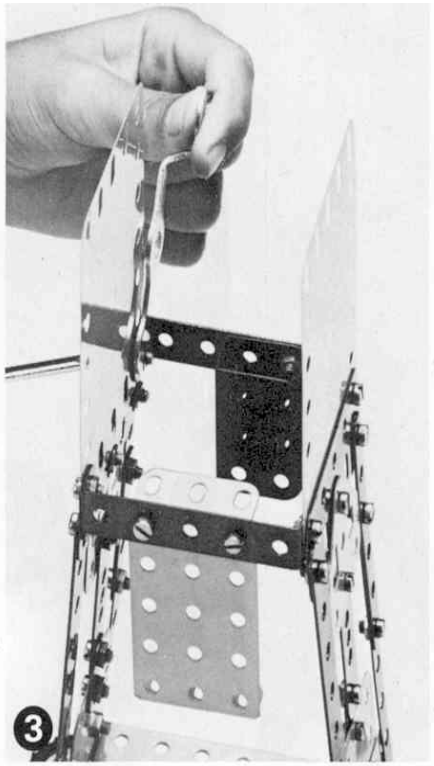
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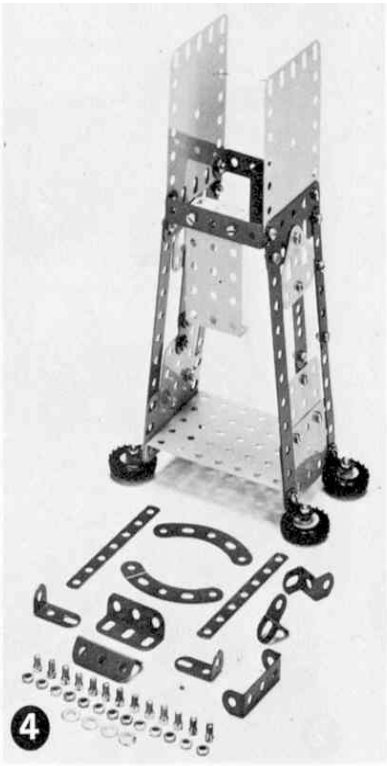
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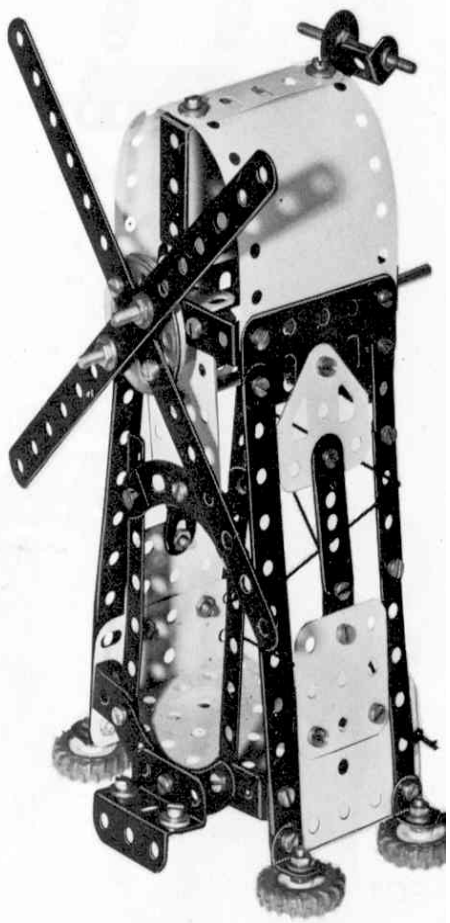

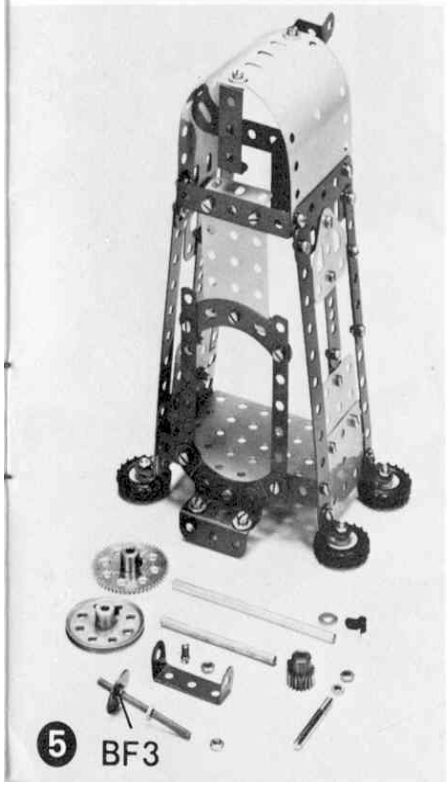
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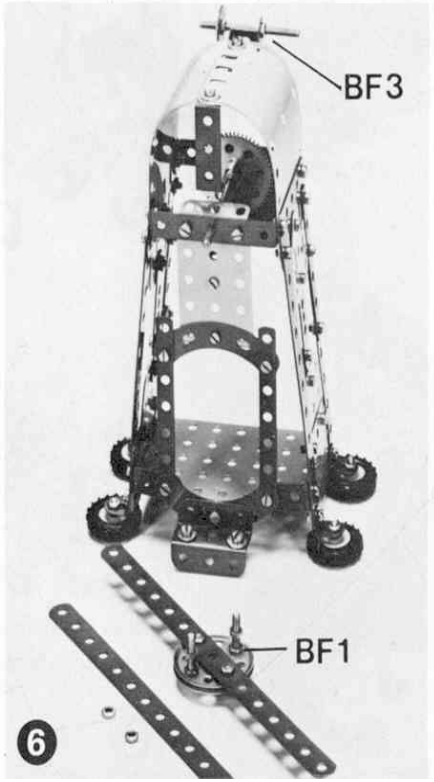
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BF1
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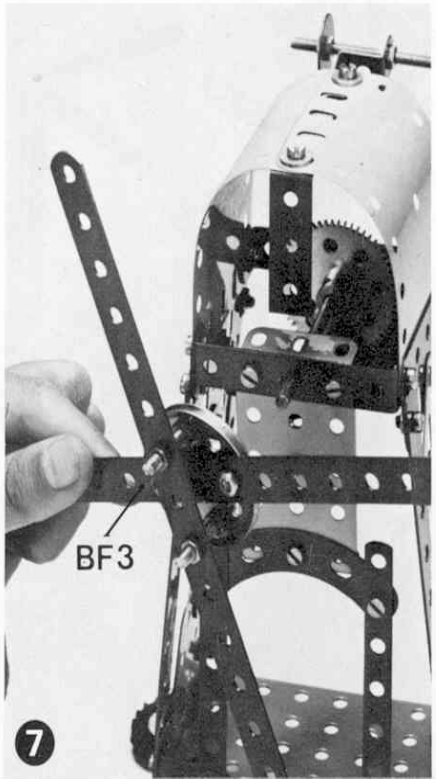
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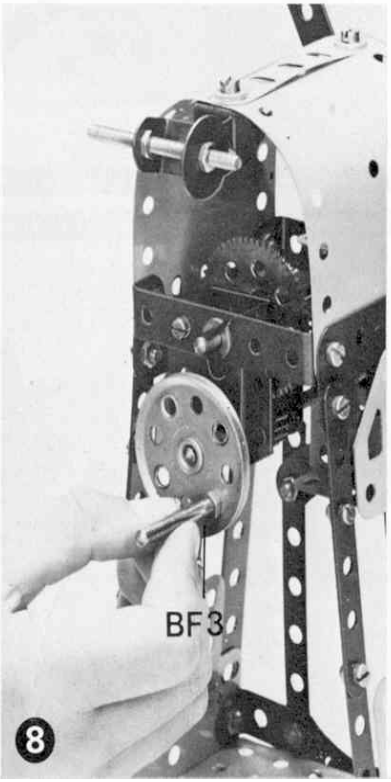
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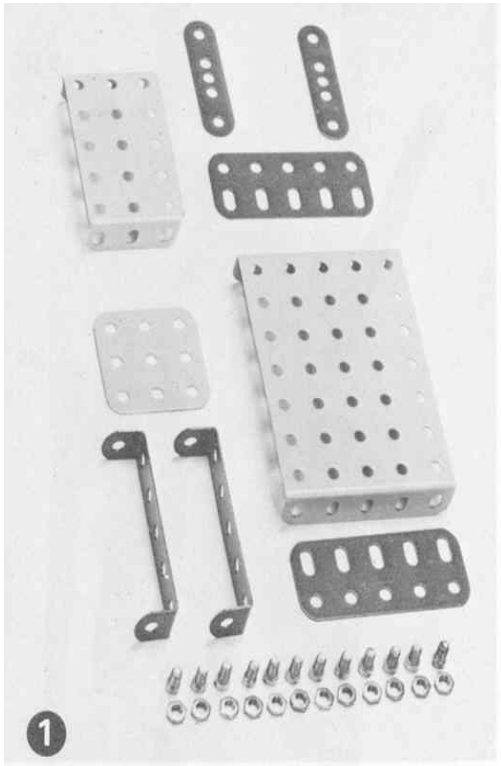

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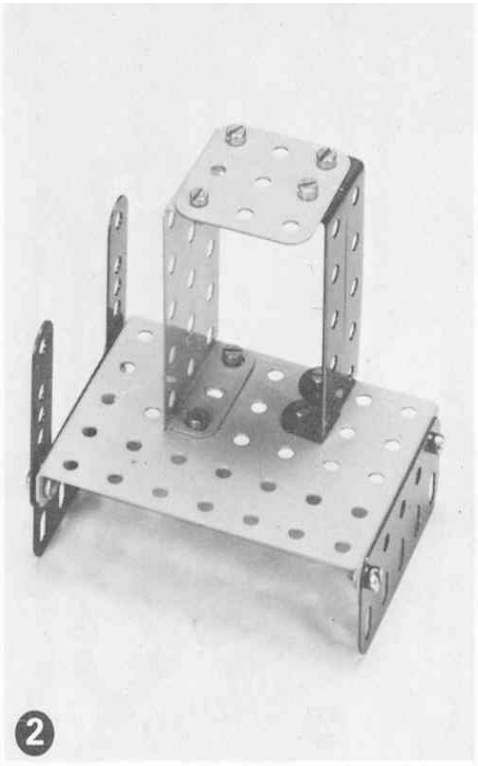

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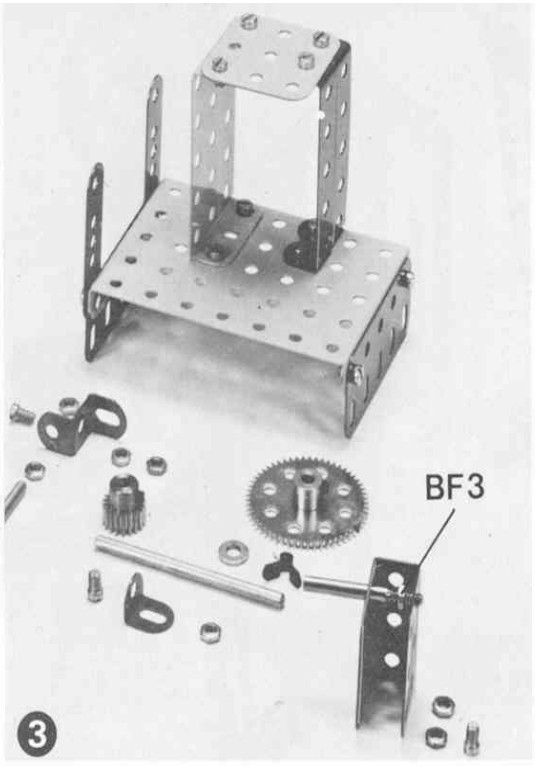

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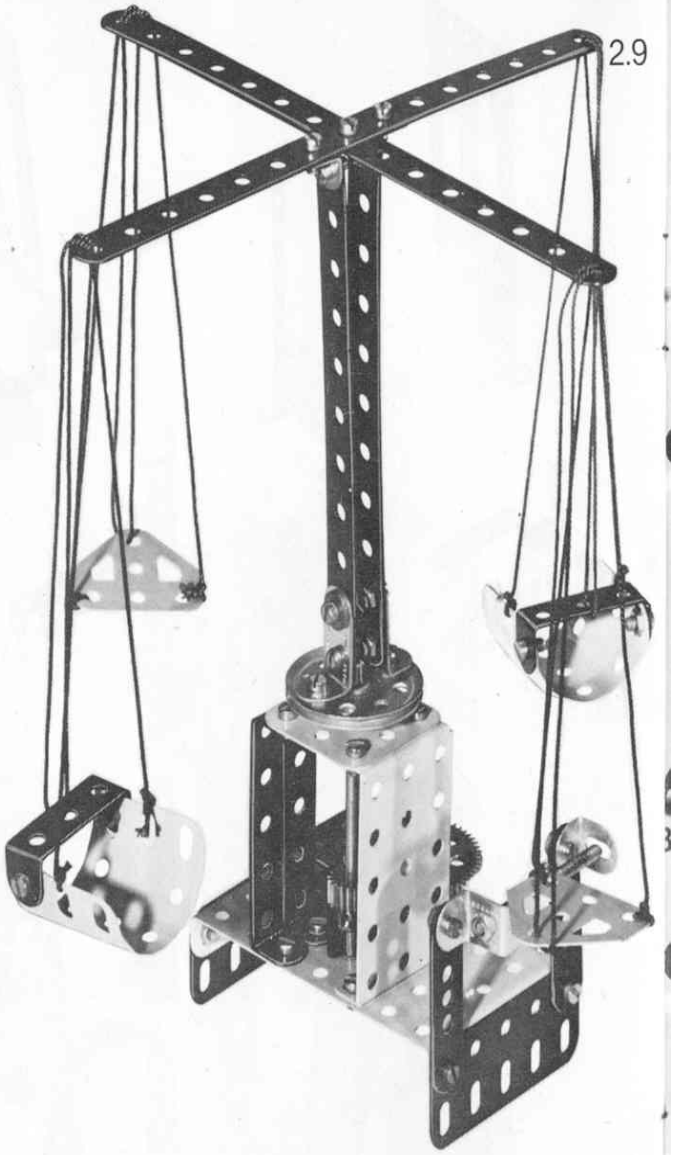

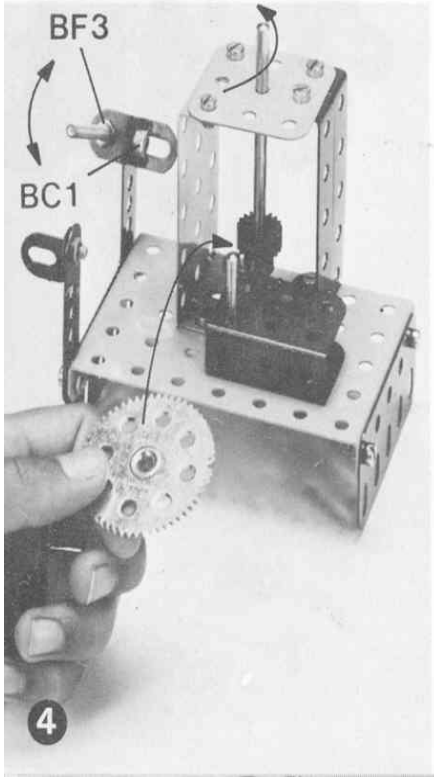

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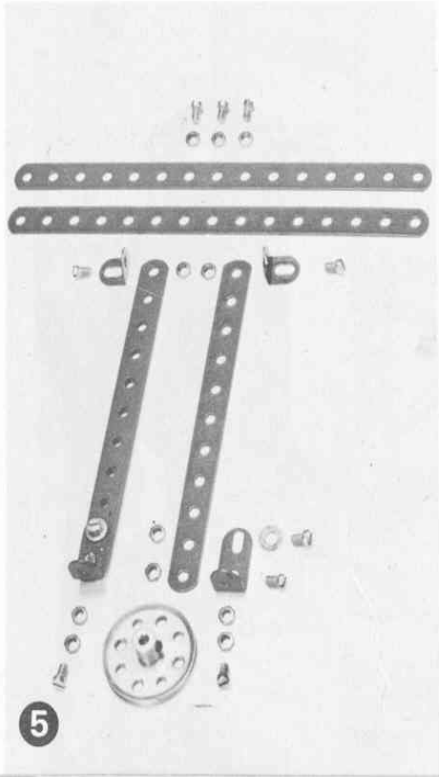

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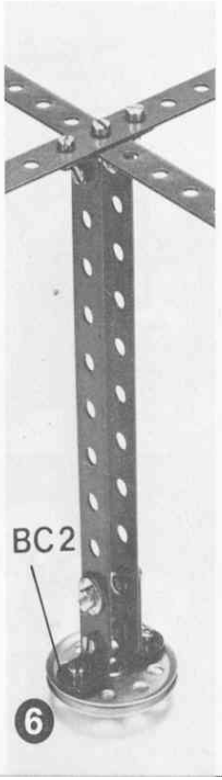

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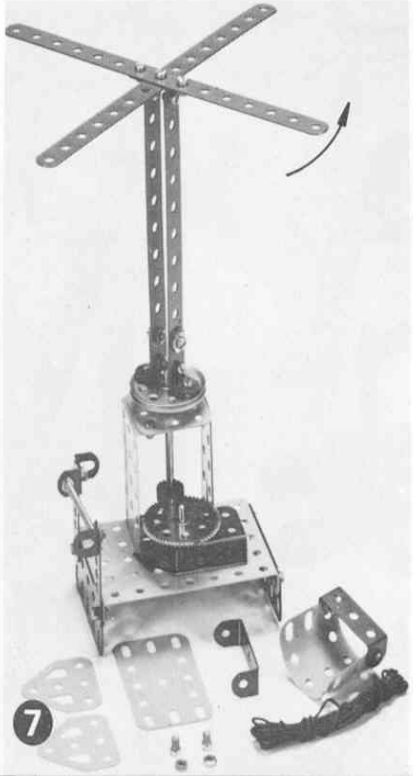
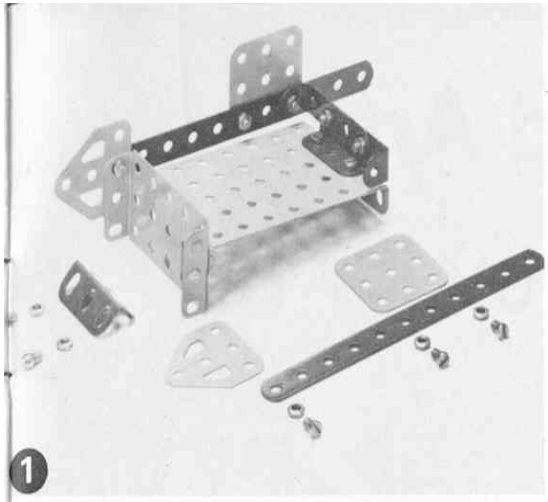


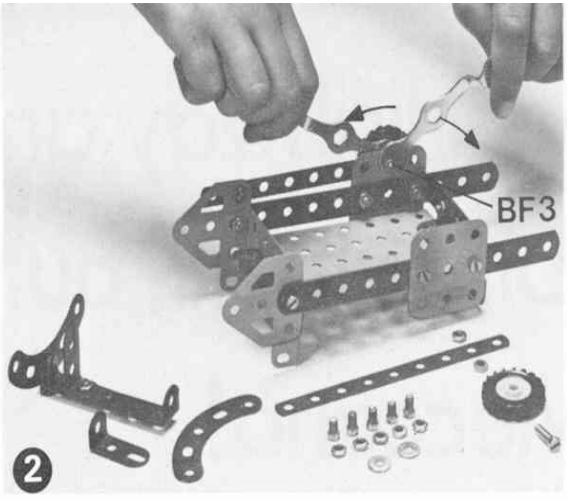
7

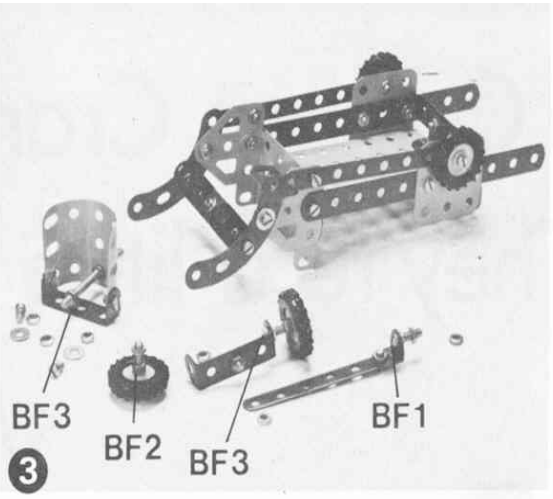
Flying Chairs
Carrousel
zweefmolen
Kettenflieger
Karusell
Sillas voladoras
Giostra a sedici volanti

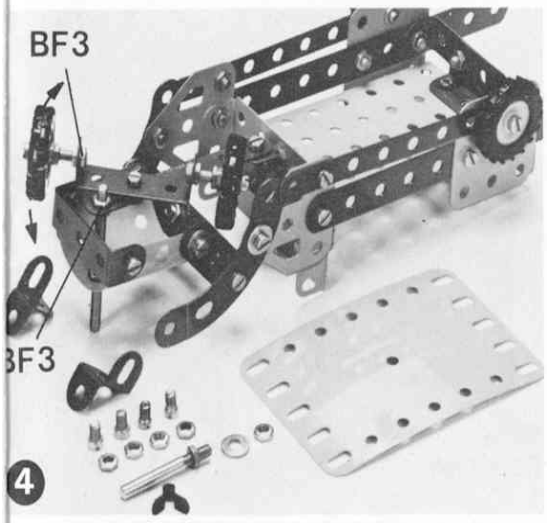
Fire Truck 2.10

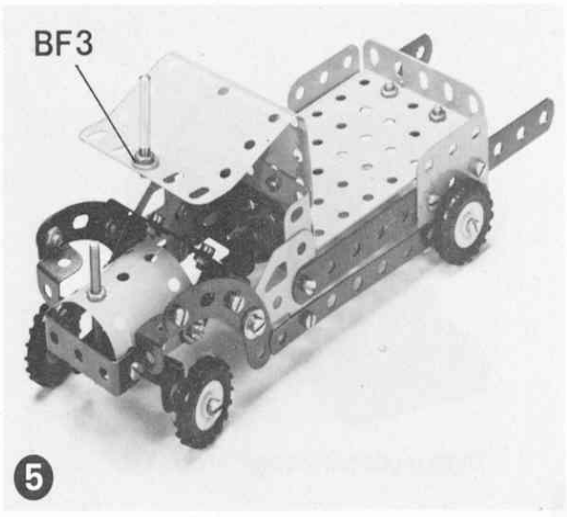
Voiture de pompier
brandweerauto
Feuerwehr
Brannbil
Camión de Bomberos
Autoscala da incendio

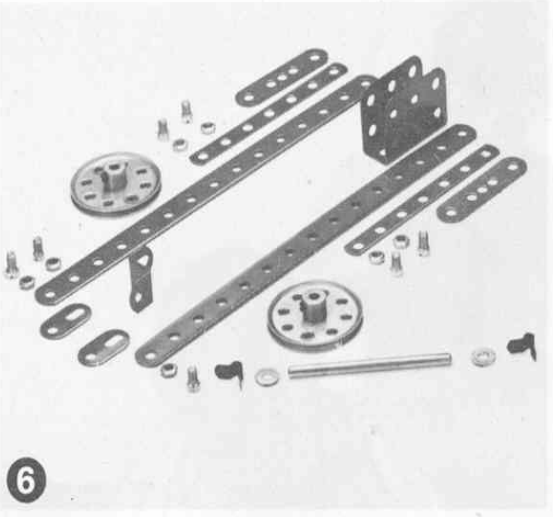


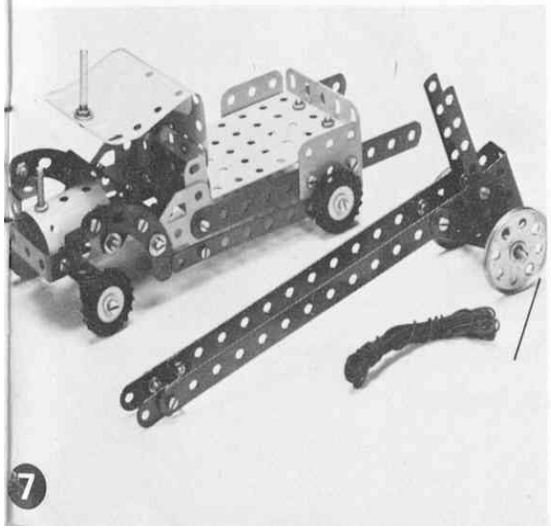


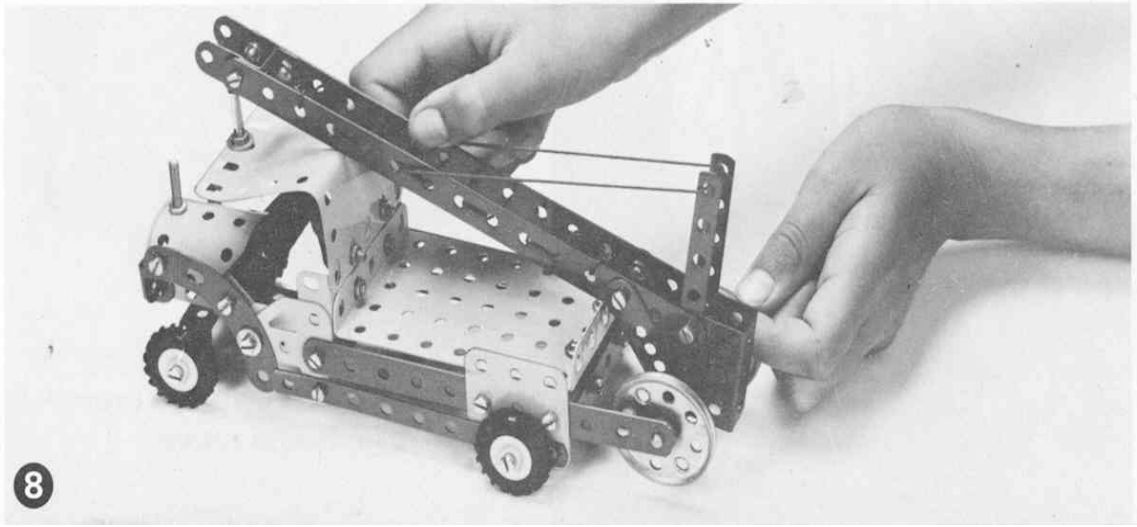


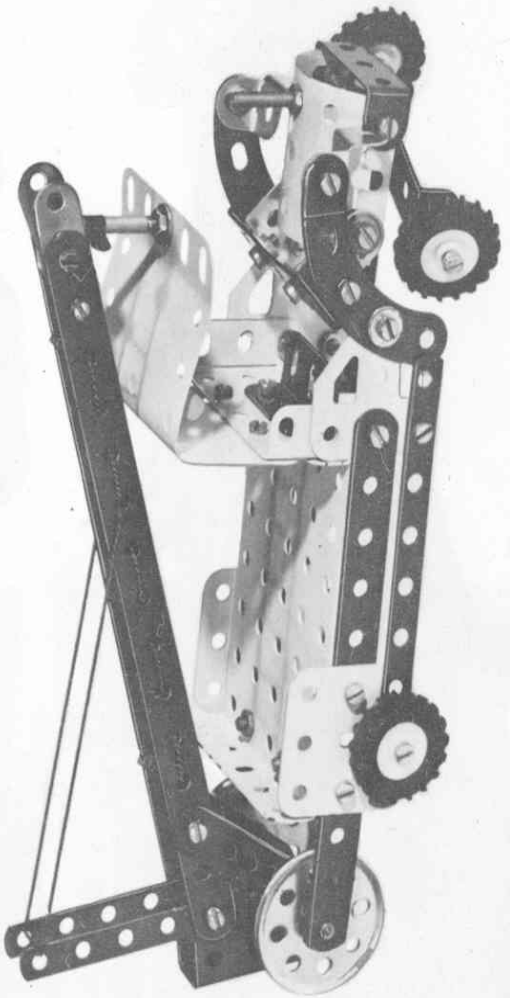






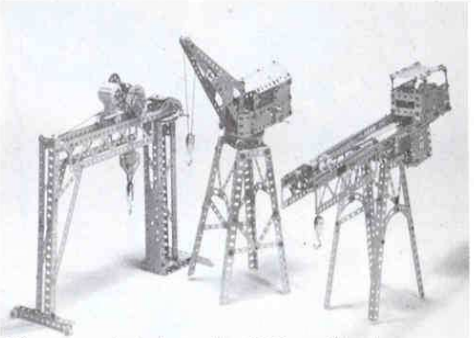






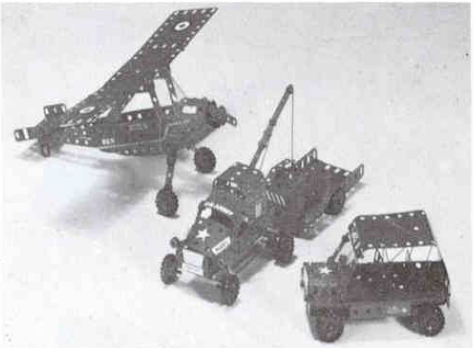
The Combat, Crane, Highway and Army sets. They're a little bit special, but every bit Meccano!

Three models from the "Army" set.



Three models from the "Crane" set.

Three models from the "Highway" set.



Three models from the "Combat" set.

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