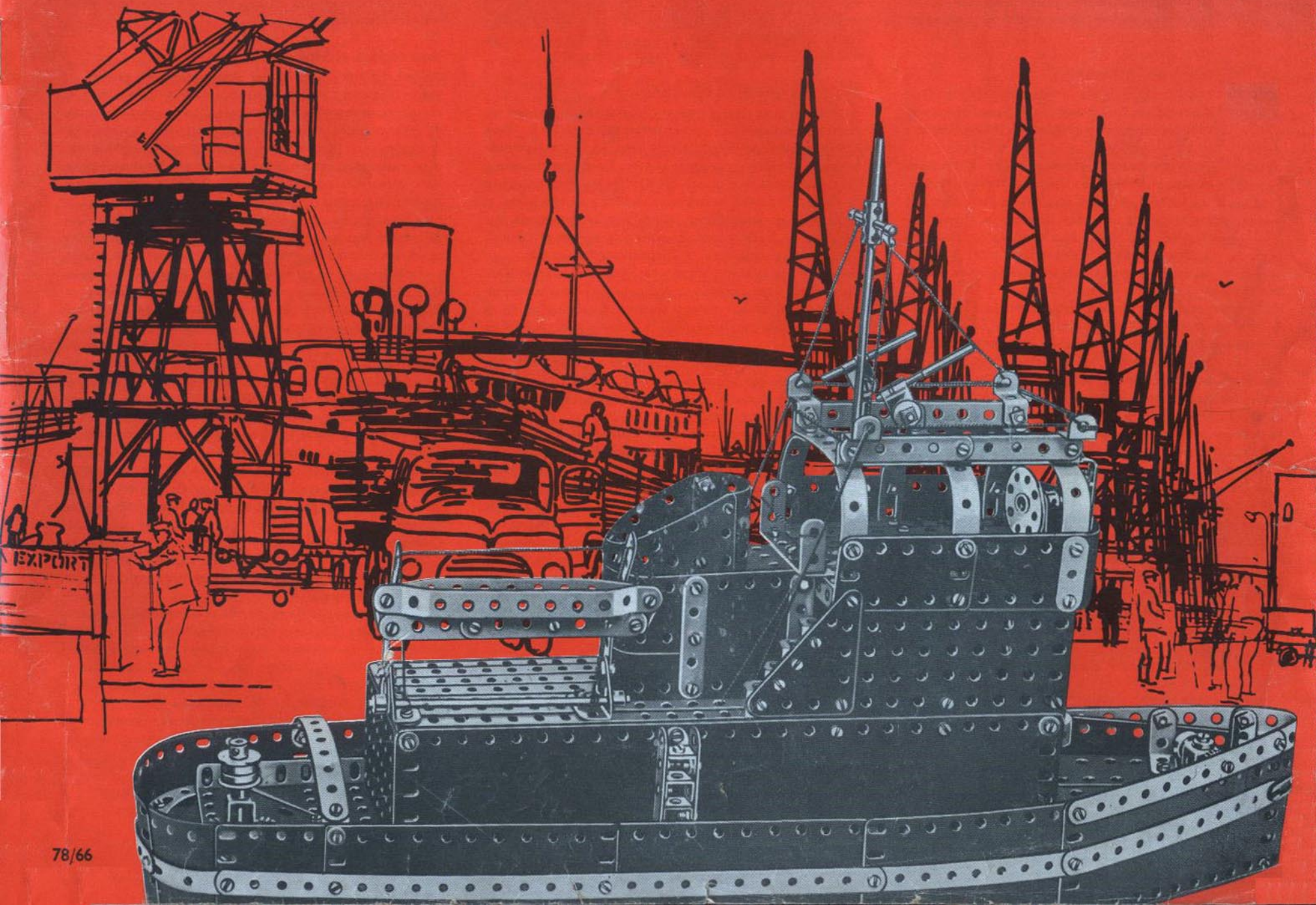


MECCANO®

Voorbeeldenboek
voor uitrustingen **7-8**

© Meccano Limited Binns Road Liverpool 13 England

English/Español/Portugues/Svensk/Norsk



How to use this Book

We ask you to do us a special favour by reading carefully everything on this page, page 84, and back cover before starting to build your first model.

We know you will be anxious to build the biggest and most attractive models right away, but that is the worst mistake you can make. Please take our advice and start with one of the more simple models. You will find one of these very easy to put together and then you can go on to the more elaborate models.

Get to know your Meccano

On opening your Outfit study the various parts carefully. Then turn to page 84 and the back cover of this Book. There you will find pictures of the parts, together with their names and part numbers.

The parts used in the assembly of models shown in this Book usually can be identified simply by looking at the illustrations, but where the identity of a part may not be quite clear, its part number is printed in the model illustrations in Red.

To help you further, each model is accompanied by a list of all the parts required to build it. In this list, the catalogue numbers of the parts are printed in Red and the quantity of each part in Black.

Some simple assemblies of parts are used time and time again in all kinds of models. These are called *Basic Meccano Constructions* and some of them are shown on pages 2 & 3 of this Book. Each of these assemblies has been given a special identity code mark, such as BC1, BC2, etc. When any of these methods of construction are used in a model they are indicated in the drawings by their code mark. For example, when you see BC1 in an illustration you will know that the construction of that section of the model is similar to BC1 shown on page 2.

Some models are most easily illustrated and constructed in separate units. The points at which these units are bolted together to form the complete model are indicated in the drawings by red dots. In cases where red indicating lines pass behind Plates or other parts of a model, they are shown dotted.

Models for Outfit No. 7 are shown on pages 4 to 36 and models for Outfit No. 8 on pages 37 to 83.

Some of the models in this Book are fitted with a Meccano Motor. In these models the particular type of Motor used is indicated on the drawings by one of the following code marks: M1 = Meccano *Magic* Motor; M2 = Meccano No. 1 Clockwork Motor; M3 = Meccano E15R Electric Motor; M4 = Meccano *Emebo* Electric Motor.

Please note that Motors are not included in the Outfits, but are obtainable separately from your Meccano dealer.



Modo de Empleo de este Libro

Antes de todo deseamos solicitar un favor, o sea; que leais con gran atención toda esta página y la cubierta posterior, antes de empezar a construir vuestro primer modelo.

Desde luego, ya sabemos que tenéis gran interés y anhelo de construir inmediatamente los modelos más grandes y más atractivos, sin embargo, eso sería un gran error. Por lo tanto, seguid nuestro consejo, el cual es de que empezéis con los modelos más sencillos y fáciles de construir. Estos modelos son los primeros pasos hacia la meta de vuestra aspiración, la cual es la de construir modelos grandes y elaborados.

Vamos a estudiar Meccanología

Primeramente se abre el Equipo y se examinan y estudian las piezas muy detenidamente. Luego se lee con atención la página 84 y la cubierta posterior de este libro, en el cual se hallen las piezas ilustradas junto con su nombre y respectivo número. Las piezas usadas en la construcción de los modelos que se ven en este libro pueden reconocerse seguida y sencillamente, si se estudian las ilustraciones. Ahora bien, en el caso de que una pieza no pueda reconocerse enseguida, se mira el número, el cual se ve en colorado en las ilustraciones de modelos.

Con el fin de ayudar a vuestra aspiración, cada modelo va acompañado de una lista de las piezas que se necesitan para su construcción. En esta lista el número de las piezas en el catálogo es colorado; la cantidad de piezas que se necesita va en número negro.

Algunos conjuntos sencillos de piezas se emplean una y más veces en toda clase de modelos. Estos se llaman "Construcciones Básicas Meccano", algunas de las cuales se ven en las páginas 2 y 3 de este libro.

Cada uno de estos conjuntos tiene la marca de una clave especial, por ejemplo: BC1, BC2, etc. Cuando estos métodos de construcción se emplean en un modelo, pueden reconocerse en los grabados por sus respectivas marcas de clave. Esto es, cuando veais BC1 en una ilustración, sabreis que la construcción de esa sección del modelo es igual que la BC1 vista en la página 2.

Algunos modelos son muy fácilmente ilustrados y contruidos en unidades separadas. Las marcas coloradas en los dibujos denotan los puntos en los cuales estas unidades se empernan juntas para formar el modelo completo.

Cuando las líneas indicadoras rojas pasen por detrás de las planchas u otras piezas del modelo, éstas se muestran por medio de puntos.

Los modelos del Equipo No. 7 se ven en las páginas 4 hasta 36 y los del No. 8 en las páginas 37 hasta 83.

Algunos de los modelos en este libro tienen un Motor Meccano. El tipo de motor usado en estos modelos se indica en los grabados con una de las marcas de clave siguientes: M1 = Motor Meccano *Magic*; M2 = Motor a Resorte Meccano No. 1; M3 = Motor Eléctrico Meccano E15R. M4 = Motor Eléctrico Meccano *Emebo*.

Los motores no se incluyen en el Equipo, pero pueden obtenerse en los comercios donde se venden los productos Meccano.

Modo de Utilização deste Livro

Antes de começar a construir o primeiro modelo pedimos o favor de ler cuidadosamente tudo aquilo que aqui se diz e no verso da capa detrás. Sabemos que ficará ansioso por construir imediatamente os maiores e mais atraentes modelos, mas é o peor erro que pode cometer. Siga o nosso conselho e começa com um dos modelos mais simples, os quais verificará são de mais fácil construção, e poderá continuar com os modelos mais complicados.

Aprenda a conhecer o seu Meccano

Ao abrir o estojo estude cuidadosamente todas as peças, e seguir olhe para a página 84 e a capa de trás deste livrete, aí encontrará o desenho de todas as peças com nomes e numeros de referencia. As peças usadas na construção dos modelos ilustrados neste livrete podem ser identificadas simplesmente pelas ilustrações, mas quando a identificação duma peça não é clara o seu número é indicado a vermelho no desenho do modelo em questão.

Para maior auxilio, cada modelo é acompanhado por uma lista de todas as peças necessárias para a sua construção. Nesta lista os números do catalogo das peças são imprimidos a vermelho e as quantidades de cada peça a preto. Algumas montagens simples são usadas muitas vezes em todas as especies de modelos. Chamam-se estas "Construções básicas do Meccano" e algumas de las são ilustradas nas páginas 2 e 3 deste livrete.

Cada uma destas construções basicas tem um código de identificação especial, tal como BC1, BC2, etc. Quando estas construções são usadas num modelo, são indicadas nos desenhos pelo código correspondente de identificação. Por exemplo, quando se vir BC1 num desenho sabe-se que a construção dessa parte de modelo é semelhante ao BC1 mostrado na pagina 2.

Alguns dos modelos são mais facilmente ilustrados e contruidos em unidades separadas. Os pontos nos quais estas unidades são colocadas e aparafusadas juntas para construir o modelo completo são indicados nos desenhos com pontos vermelhos.

Quando as linhas vermelhas indicadoras passam atrás de placas ou outras peças dum modelo, então são feitas a ponteados.

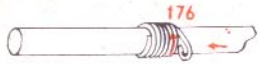
Os modelos do Estojo No. 7 são indicados nas paginas 4-36 e os No. 8 nas paginas 37-83.

Alguns dos modelos neste livrete são montados com um motor Meccano. Nestes modelos o tipo de motor é indicado nos desenhos por um dos seguintes códigos de identificação:

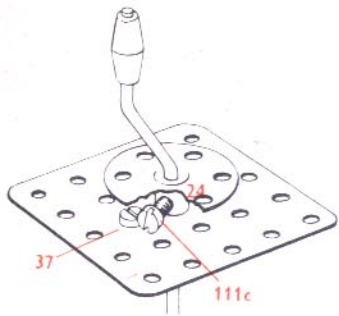
M1 = Motor *Mágico* Meccano; M2 = Motor Meccano No. 1 com mecanismo de corda; M3 = Motor Electrico Meccano E15R; M4 = Motor Electrico Meccano *Emebo*.

Agradecemos notar que os motores não são incluídos nos estojos mas podem ser adquiridos em separado em qualquer loja de vendas de Meccano.

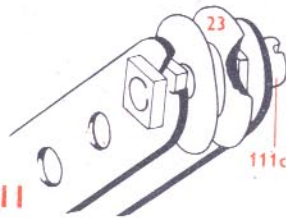




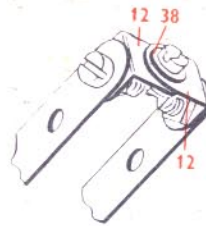
BC9



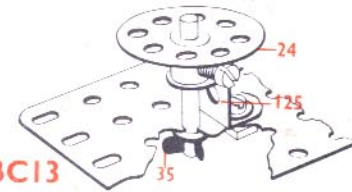
BC10



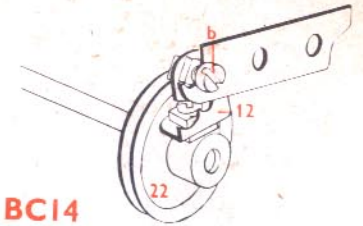
BC11



BC12



BC13



BC14

BC9 is a Cord Anchoring Spring (176) providing a non-slip method of attaching Cord to a Rod. The Spring is fitted to the Rod by pushing it while turning it clockwise. Turn in the same direction when pulling the Spring off the Rod.

BC10 is a brake for a winding handle of a crane, etc. formed by the head of a $\frac{3}{8}$ " Bolt (111c) fixed in the boss of a Bush Wheel (24) engaging a Bolt (37) when the Handle is pushed inward. The Handle must be free to slide about $\frac{1}{4}$ " in its bearings so that when pulled outwards the bolt heads do not engage.

BC11 is a method of assembling a jib-head pulley for a crane. The Pulley (23) is placed on a long bolt.

BC12 is two Angle Brackets (12) used to form a 'U' shaped bridging piece.

BC13 is an alternative form of bearing to BC6.

BC14 is a crank formed by an Angle Bracket (12) fixed to a Pulley. A Strip is connected by a Bolt b, fitted with two nuts, to the other lug of the Bracket. The nuts are tightened together to grip the Angle Bracket but leave the Strip free to move on the Bolt.

BC9 es un Resorte de enganche para cuerda (176) con el cual se obtiene un método firme de agregar la Cuerda a la Varilla. El Resorte se agrega a la Varilla empujándolo mientras se le da vuelta de izquierda a derecha según indican las saetas. Cuando quiera tirarse el Resorte fuera de la Varilla se gira en la misma dirección.

BC10 es un freno útil para el mango de arrollamiento de una grúa, formado con la cabeza de un Perno de $9\frac{1}{2}$ mm (111c) fijo en el cubo de una Rueda con buje (24) que engrana un Perno 37 cuando se entromete el Mango de Ciguena. Este Mango ha de ser libre para deslizarse 6 mm en sus soportes, de manera que cuando se tira hacia fuera las cabezas de perno no engranan.

BC11 es un método de montar una polea de aguilón para una grúa. La Polea (23) se coloca en un perno largo.

BC12 se compone de dos Soportes Angulares (12) empernados juntos para formar una pieza de unión en forma de U.

BC13 es una forma alternativa de cojinetes para BC6.

BC14 es una cigüena hecha con un Soporte Angular (12) fijo a una Polea. Se empalma una Tira con un Perno b, que lleva dos tuercas, a la otra lengüeta del Soporte. Se aprietan las tuercas una a la otra para apretar el Soporte Angular pero se deja la Tira libre para que pueda moverse en el perno.

BC9 é o método para prender Cordela uma Mola para Fixar Cordel enfiada numa Vareta sem que o Cordel deslize Para tal, a Mola é fixada na Vareta girando-a no sentido dos ponteiros do relógio. Para retirar a Mola deverá proceder-se da mesma maneira.

BC10 é um freio útil para uma manivela de enrolamento dum guindaste etc., feita da cabeça dum Porca de 10 mm. (111c) fixada na bossa dum Roda de Bucha (24) engranando uma Porca (37) quando a Manivela é movida. A Manivela deve ficar com folga por forma a poder deslizar cerca de 6,5 mm. nos seus eixos para que quando for puxada para fora, as cabeças dos parafusos não empanquem.

BC11 é um método de montagem da polia na extremidade do braço de um guindaste A Polia (23) é colocada num parafuso.

BC12 é o processo de utilizar dois Soportes Angulares (12) aparafusados um ao outro em forma de "U", que por sua vez se ligam a duas tiras.

BC13 é uma alternativa de suporte de vareta ao BC6.

BC14 é uma roda de manivela formada por um Suporte Angular (12) fixo à bossa de uma Polia. A Tira é ligada pelo Parafuso (b) e fixada por duas porcas à parte vertical do Suporte Angular. As porcas são bem apertadas de encontro ao Suporte Angular deixando folga do lado da cabeça do parafuso para que a Tira possa mover facilmente no parafuso.

BC9 är en förankringsfjäder (176) för Meccanosnöre som ger en slir-säker metod att fästa ett snöre vid en axel. Fjädersnåren fästs på axeln genom att man vrider den medurs som framgår av pilarna varvid spiralens grepp om axeln lättas. Vrid i samma riktning när fjädern drages av axeln.

BC10 är en användbar broms för en kranvev o.s.v. Den består av en centerskiva (24) i vars nav fästs en $9\frac{1}{2}$ mm bult (111c), som stoppas av en bult (37) när veven vrides. Veven måste kunna glida c:a 6 mm i sitt lagerblock så att den, när veven drages utåt, obehindrat kan vridas utan att bultarnas huvuden stöter ihop.

BC11 är en metod att montera ett linhjul på en enkel kranarm. Linhjulet (23) sitter på en lång bult.

BC12 är två vinkelhållare (12) sammanskruvade till ett "U".

BC13 är ett annat sätt att göra ett axellager liknande BC6.

BC14 är en vevanordning gjord av en vinkelhållare (12) fastsatt med skruvar och muttrar i navet på en 25 mm centerskiva. En remsa är ansluten med en bult b, försedd med två muttrar, till den andra flänsen på hållaren. Muttrarna är fastskruvade i vinkelhållaren, men tillåter remsan att röra sig fritt runt bulten.

BC9 er en ankerfjær (176) som gir en glisikker metode til å feste et snöre til en aksel. Fjæren festes til akselen ved at man vrir den "med somen" som det fremgår av pilene. Vri i samme retning når fjæren trekkes av akselen.

BC10 er en bremse for en kranveiv o.l. Den består av en sentrumskive (24), og i navet på denne er festet en $9\frac{1}{2}$ mm bult, som stoppes av en skrue (37) når sveiven vrís. Sveiven må kunne gli c.a. 6 mm i sitt lager, slik at ikke hodene på skruene stöter sammen når sveiven dras utover.

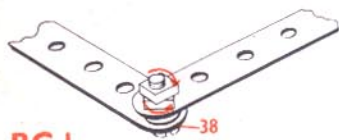
BC11 er en metode til å montere drivhjul på en kranarm. Drivhjulet sitter på en lang bolt.

BC12 er to vinkelbraketter (12) skrudd sammen for "U" formede konstruksjoner.

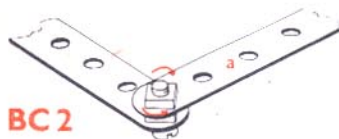
BC13 er en annen måte å lage et aksellager lik BC6.

BC14 er en sveivanordning laget av en vinkelbrakett (12) fastsatt med skruer og muttere i navet på en 25 mm sentrumskive. En skinne er satt sammen med en skrue b, forsynt med to muttere til den andre flaten på braketten. Mutterne er fastskrudd til vinkelbraketten, men tillater skinnen å bevege seg fritt rundt skruen.

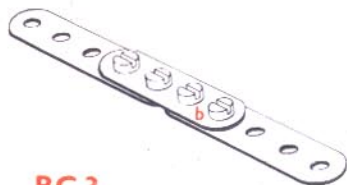
Meccano Basic Constructions/Construcciones básicas Meccano/Construções básicas Meccano
Meccano grundkonstruktjoner/Meccano grunnkonstruksjoner



BC 1



BC 2



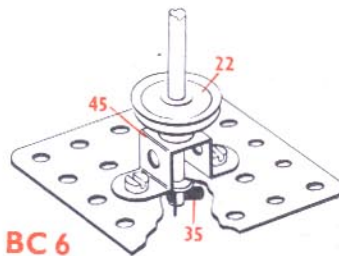
BC 3



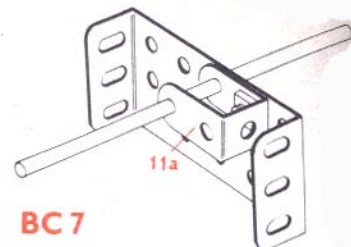
BC 4



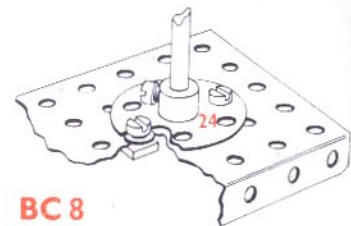
BC 5



BC 6



BC 7



BC 8

BC1 is a method of joining two Strips together so that they can move in relation to each other. It is known as 'lock-nutting' and makes use of two nuts tightened together on the bolt. *The nuts must not grip the Strips tightly.*

BC2 is another method of 'lock-nutting'. Two nuts, one above and one below Strip a, are tightened against it by turning them as indicated.

BC3 is two Strips joined end-to-end by a Strip b.

BC4 is two Strips joined together by two bolts and nuts.

BC5 is an Obtuse Angle Bracket (12c) used to join two Strips at an angle to each other.

BC6 is a bearing for a Rod made from a Double Bent Strip (45) bolted to a Plate. The Rod is pushed through the Double Bent Strip and Plate, fitted with a Washer, and held in place by a Spring Clip (35).

BC7 is a 1" x 1/2" Double Bracket (11a) used to provide an extended bearing for a Rod.

BC8 is a support for a fixed Rod, which is held in a Bush Wheel (24) bolted to a baseplate.

BC1 es un método de unir dos Tiras, de manera que puedan girar o moverse en mutua relación. Esto se llama en "contratuercas" y hace uso de dos tuercas para aguantar firme un perno. Las tuercas no han de apretar las Tiras muy firme.

BC2 es otro método de "contratuercas". Dos tuercas, una encima y otra debajo de la Tira a se aprietan contra ella girándolas según indican las saetas.

BC3 es dos Tiras unidas punta a punta por otra Tira más corta b.

BC4 es dos Tiras unidas con dos pernos y tuercas.

BC5 es un Soporte Obtusángulo (12c) que se usa para unir dos Tiras punta a punta en ángulo mutuo.

BC6 es un cojinete fuerte o soporte para una Varilla hecha con una Tira con doble encorvadura (45) empernada a una Placa. La Varilla se pasa por la Tira con doble encorvadura y la Placa, poniéndose una Arandela y se usa una Abrazadera de Resorte para aguantar la Varilla en posición.

BC7 es un Soporte Doble de 25 x 12 mm (11a) que se usa para facilitar un apoyo más extenso para una Varilla.

BC8 es un apoyo fuerte para una Varilla fija, apretada en una Rueda con buje (24) empernada a una placa de base.

BC1 é uma maneira de juntar duas Tiras por forma a poderem girar ou articular em relação uma à outra. Isto é chamado o sistema de contra-porca, fazendo uso de duas porcas no parafuso de segurança. As porcas não devem apertar as tiras firmemente.

BC2 é outra maneira de usar a "contra-porca" na junção de duas Tiras. Neste método duas porcas, a primeira por cima da Tira (a) e a segunda entre esta e a outra tira, são apertadas pela forma como é indicada pelas setas.

BC3 consiste em juntar as extremidades de duas Tiras, ligando-as com uma Tira mais curta (b) aparafusada a ambas.

BC4 juntam-se duas Tiras com dois parafusos com porcas.

BC5 é um Suporte em Angulo Obtuso (12c) utilizado para ligar as extremidades de duas Tiras formando angulo.

BC6 é um suporte forte para uma Vareta rotatória montada numa Tira Dobrada Dupla (45) e segura a uma Placa. A Vareta é passada através da Tira Dobrada Dupla, da Placa e de uma Arruela colocada a seguir, usando um Grampo de Mola (35) para manter a Vareta no lugar.

BC7 é um Suporte Duplo (11a) 25 x 12,5 mm. utilizado para prover melhor suporte para uma Vareta.

BC8 é um suporte forte para uma Vareta fixada, o qual se consegue segurando a Vareta a uma Roda de Bucha (24) aparafusada a uma placa de base.

BC1 är ett sätt att sammanfoga två remсор så att de kan röras fritt i förhållande till varandra. Detta kallas "låsmuttring". Här till behövs två muttrar på den hållande bulten. Muttrarna får inte dragas åt för hårt mot remsan.

BC2 är en annan metod av "låsmuttring". Två muttrar, en över och en under remsan a, används och skruvas mot remsan som framgår av pilarna.

BC3 är två remсор som är hopskavade genom en kortare remsa b.

BC4 är två remсор som är samman-satta med två bultar och muttrar.

BC5 är en vinkelhållare (12c) som används för att fästa samman två remсор i en vinkel.

BC6 är ett hållbart axellager gjort av en dubbelböckad remsa (45) fastskruvad vid en plåt. Axeln löper genom den dubbelböckade remsan och plåten och en bricka är påträdd varpå en fjäderklämma (35) användes till att hålla axeln i läge.

BC7 är en 25 x 12 mm dubbelhållare (11a) som används för att utgöra ett förlängt axellager.

BC8 är ett starkt fäste för en fast axel som skruvas fast i en centerskiva (24) fastsatt på en flänsplåt.

BC1 er en metode å sette sammen to skinner på, slik at de kan beveges i forhold til hverandre. Dette kalles "låsmuttring", og det trengs to muttere på den holdende skruen. Mutterne må ikke trekkes for hardt til mot skinnen.

BC2 er en annen metode av "låsmuttring", hvor to muttere, en over og en under skinnen a, skrur mot skinnen som pilen viser.

BC3 er to skinner som er satt sammen ved hjelp av en kortere skinn b.

BC4 er to skinner som er satt sammen ved to skruer og muttere.

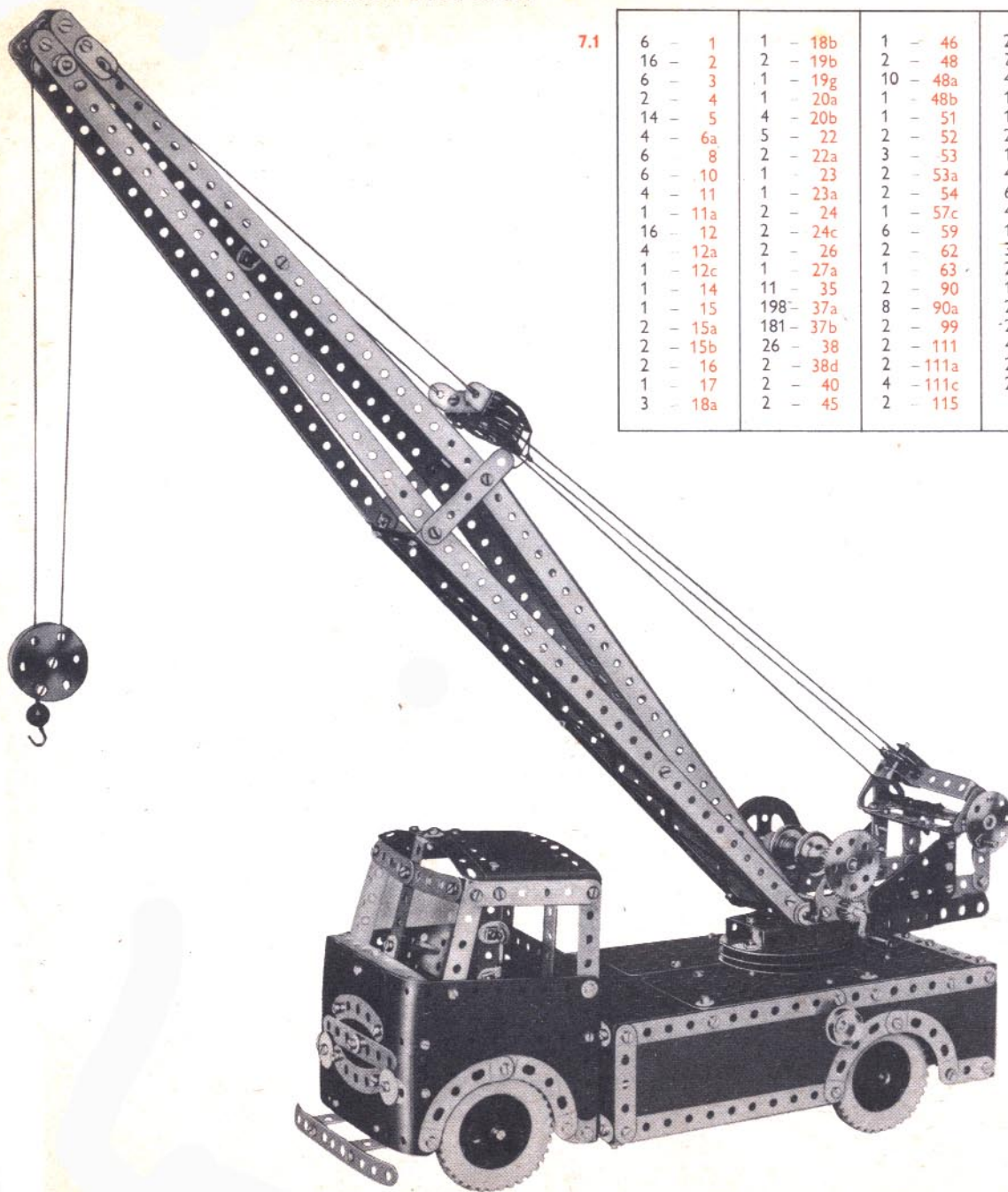
BC5 er en vinkelbrakett (12c) som benyttes til å sette sammen to skinner til en vinkel.

BC6 er et aksellager for en roterende aksel, laget av en böyle med ører (45), skrudd fast til en plate. Akselen løper gjennom skinnen og platen, en skive er tredd innpå og blir holdt på plass av en fjærklammer (35). En annen form for samme konstruksjon er vist i BC13.

BC7 er en 25 x 12 mm dobbelbrakett (11a), festet til en plate eller annen del, og utgjør et forlenget aksellager.

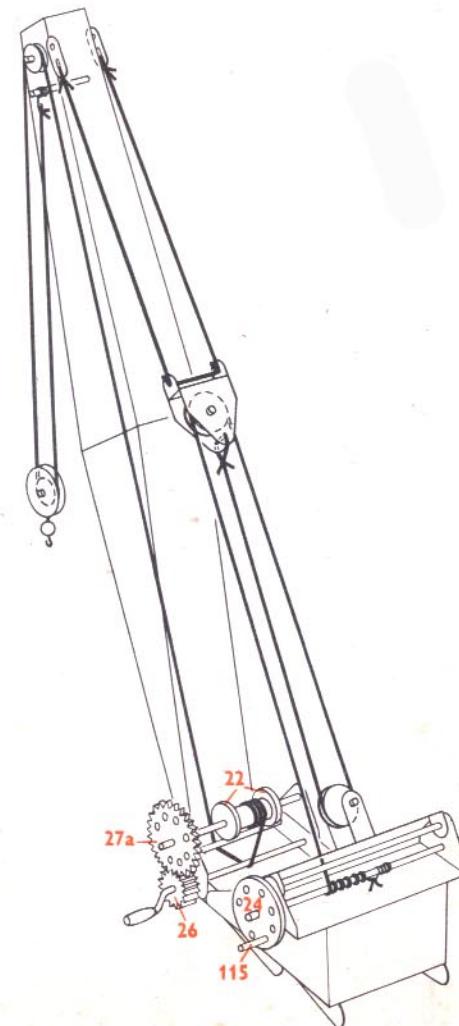
BC8 er et feste for en aksel, som er skrudd fast til en sentrumskive (24) festet til en plate.

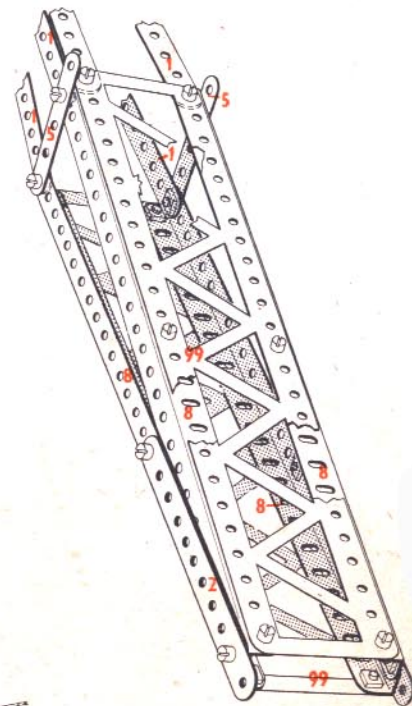
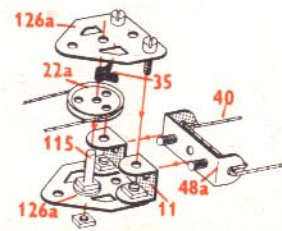
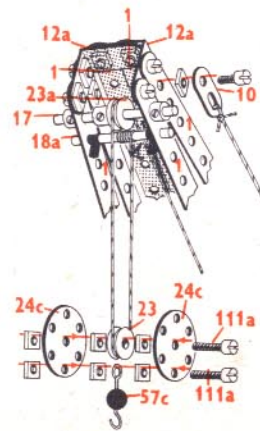
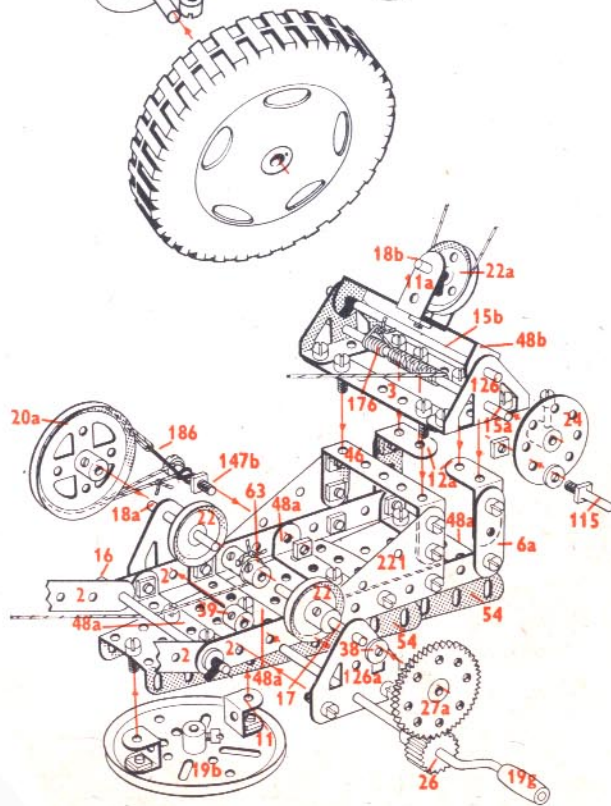
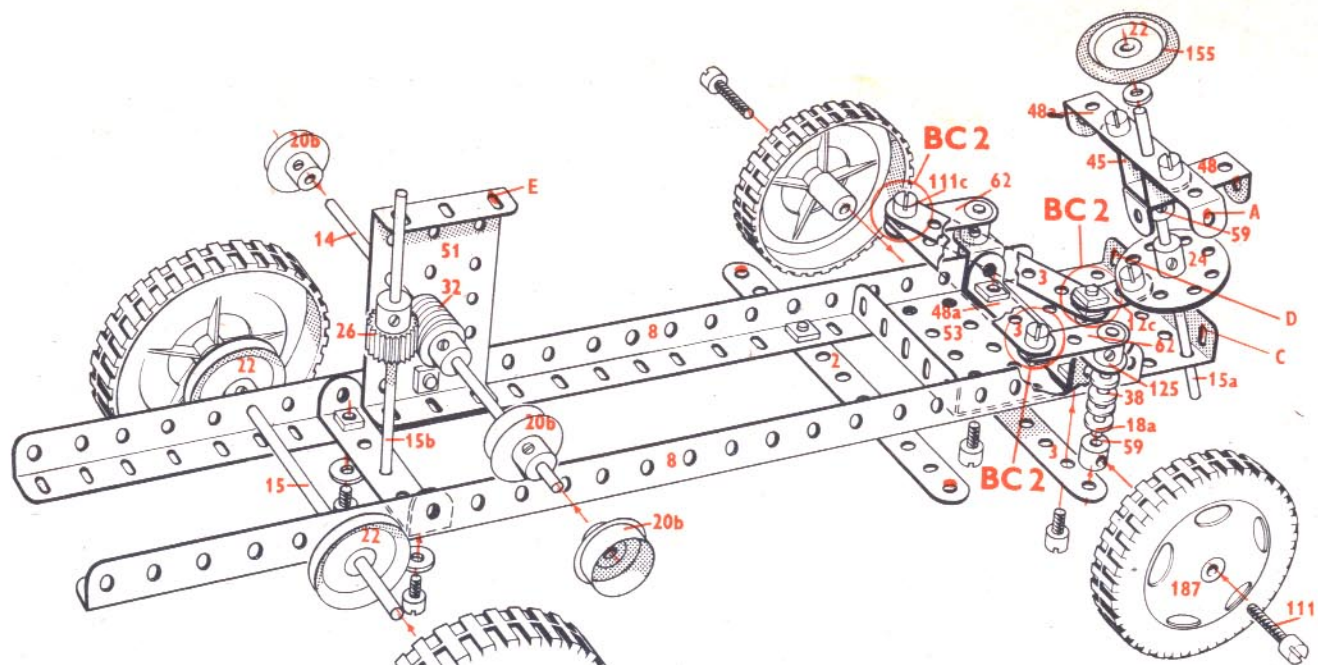
**7.1 Lorry Mounted Crane/Camión montado con Grúa/Camião com Guindaste/Bilburen lyftkran
Lastebil med kran**

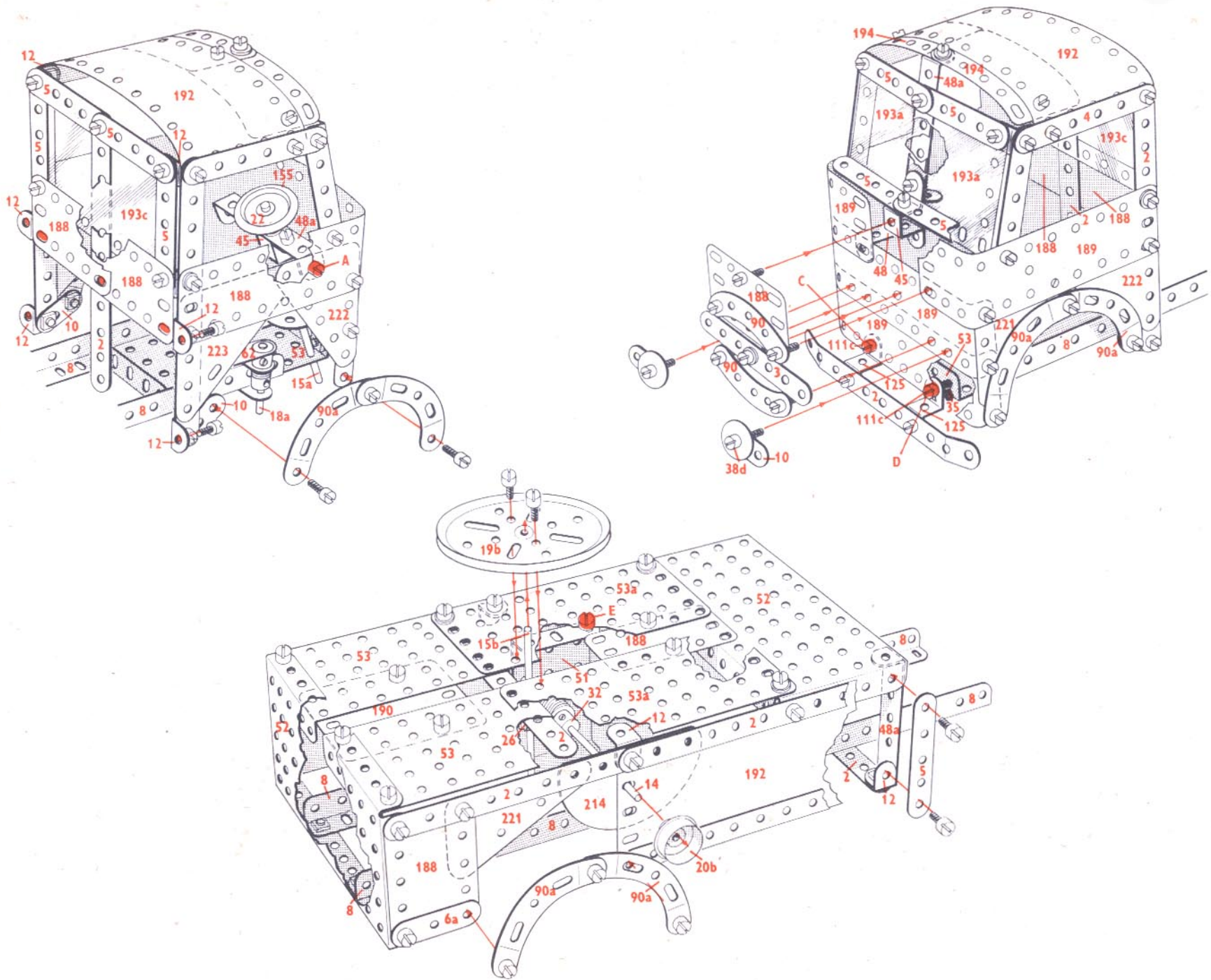


7.1

6 - 1	1 - 18b	1 - 46	2 - 125
16 - 2	2 - 19b	2 - 48	2 - 126
6 - 3	1 - 19g	10 - 48a	4 - 126a
2 - 4	1 - 20a	1 - 48b	1 - 147b
14 - 5	4 - 20b	1 - 51	1 - 155
4 - 6a	5 - 22	2 - 52	2 - 176
6 - 8	2 - 22a	3 - 53	1 - 186
6 - 10	1 - 23	2 - 53a	4 - 187
4 - 11	1 - 23a	2 - 54	6 - 188
1 - 11a	2 - 24	1 - 57c	4 - 189
16 - 12	2 - 24c	6 - 59	1 - 190
4 - 12a	2 - 26	2 - 62	3 - 192
1 - 12c	1 - 27a	1 - 63	2 - 193a
1 - 14	11 - 35	2 - 90	1 - 193c
1 - 15	198 - 37a	8 - 90a	2 - 194
2 - 15a	181 - 37b	2 - 99	2 - 214
2 - 15b	26 - 38	2 - 111	4 - 221
2 - 16	2 - 38d	2 - 111a	2 - 222
1 - 17	2 - 40	4 - 111c	2 - 223
3 - 18a	2 - 45	2 - 115	

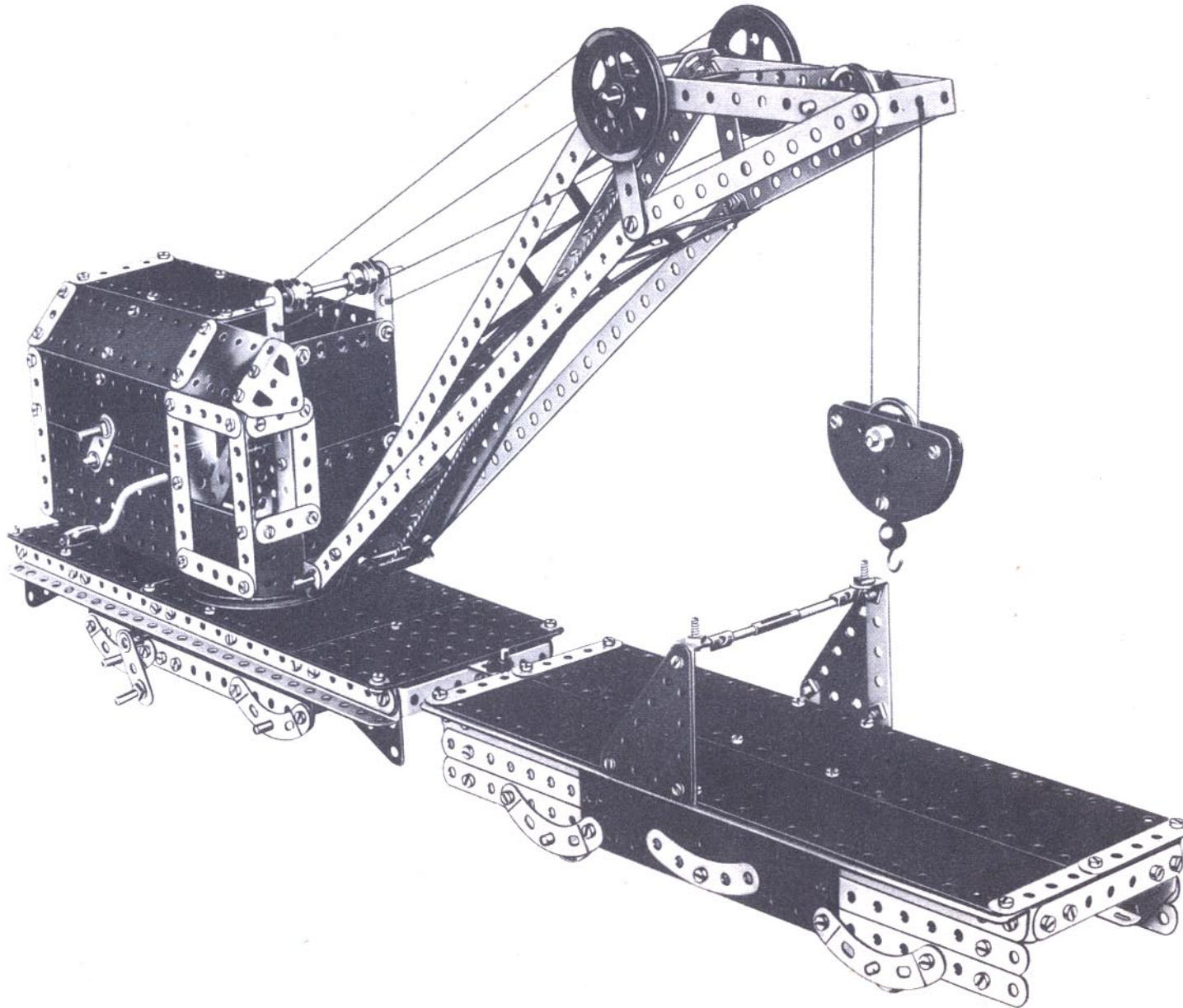




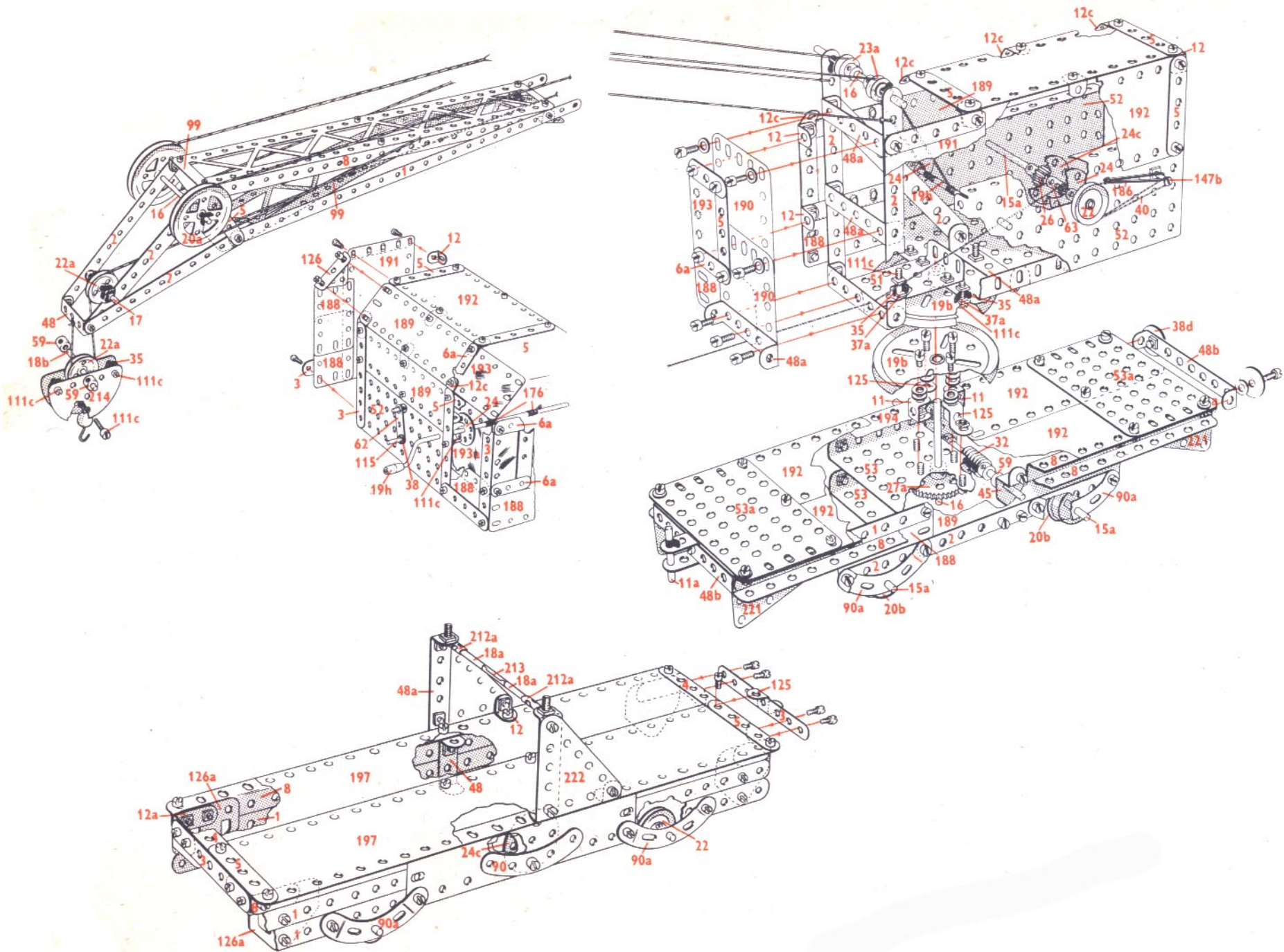


**7.2 Railway Service Crane/Grúa de Servicio Ferroviario/Guindaste Ferroviário
Bärningskran för järnvägen/Servicekran for jernbane**

7.2



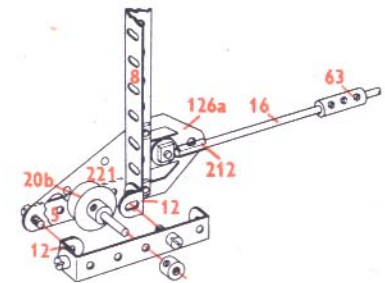
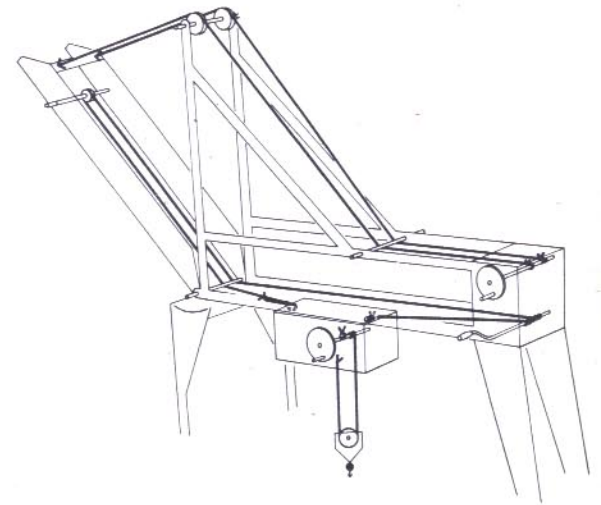
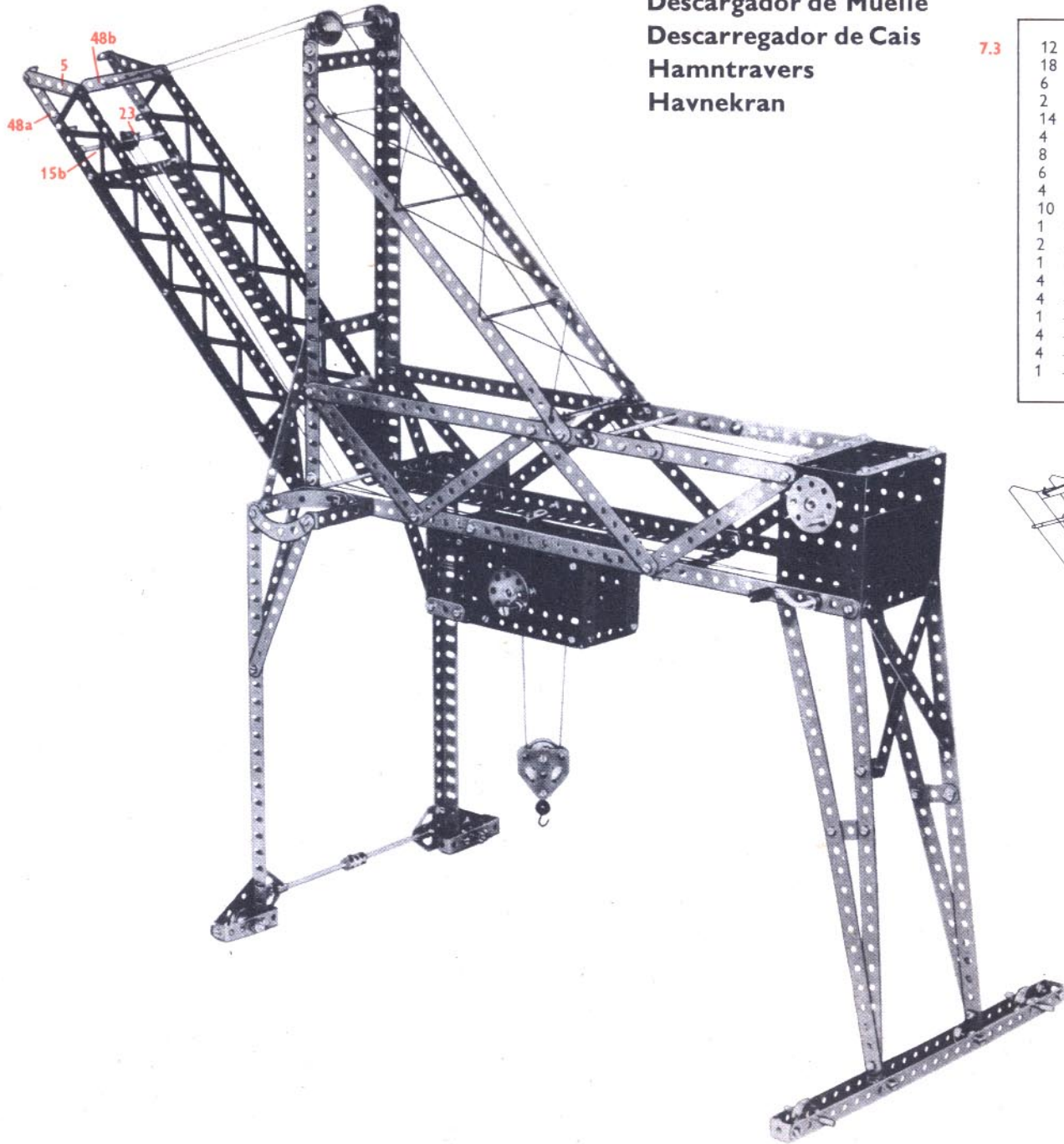
8	-	1	2	-	48
15	-	2	5	-	48a
6	-	3	2	-	48b
2	-	4	1	-	51
12	-	5	2	-	52
3	-	6a	3	-	53
8	-	8	2	-	53a
2	-	11	1	-	57c
1	-	11a	6	-	59
11	-	12	1	-	62
4	-	12a	1	-	63
7	-	12c	2	-	90
1	-	15	8	-	90a
3	-	15a	2	-	99
2	-	15b	2	-	111
4	-	16	2	-	111a
1	-	17	6	-	111c
3	-	18a	1	-	115
2	-	19b	4	-	125
1	-	19h	2	-	126
2	-	20a	1	-	147b
4	-	20b	2	-	176
5	-	22	1	-	186
2	-	22a	6	-	188
1	-	23	4	-	189
1	-	23a	2	-	190
1	-	24	2	-	191
2	-	24c	6	-	192
1	-	26	2	-	193
1	-	27a	1	-	193a
1	-	32	2	-	194
13	-	35	2	-	194d
198	-	37a	2	-	197
182	-	37b	2	-	212
26	-	38	1	-	213
2	-	38d	2	-	214
1	-	40	4	-	221
2	-	45	2	-	222

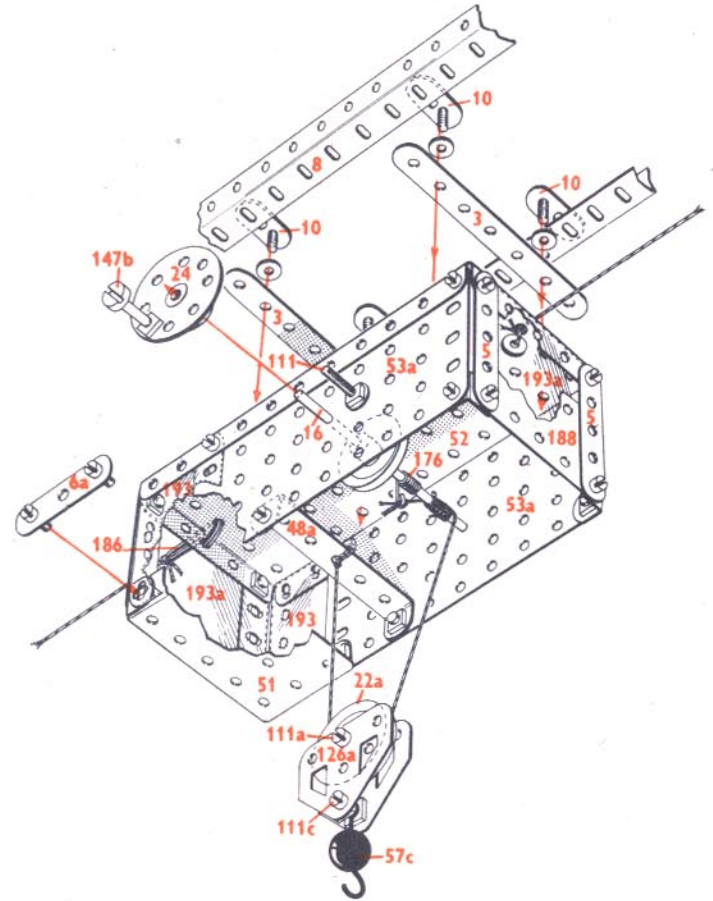
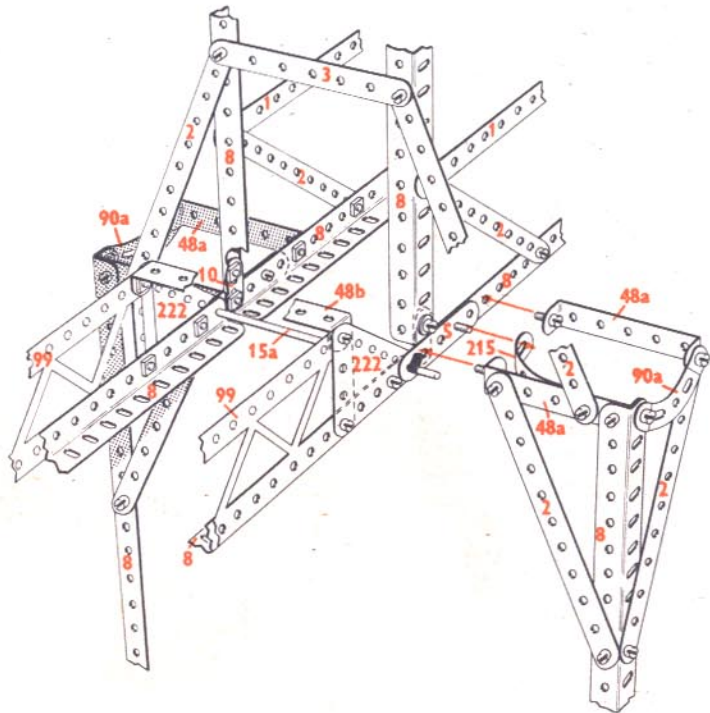
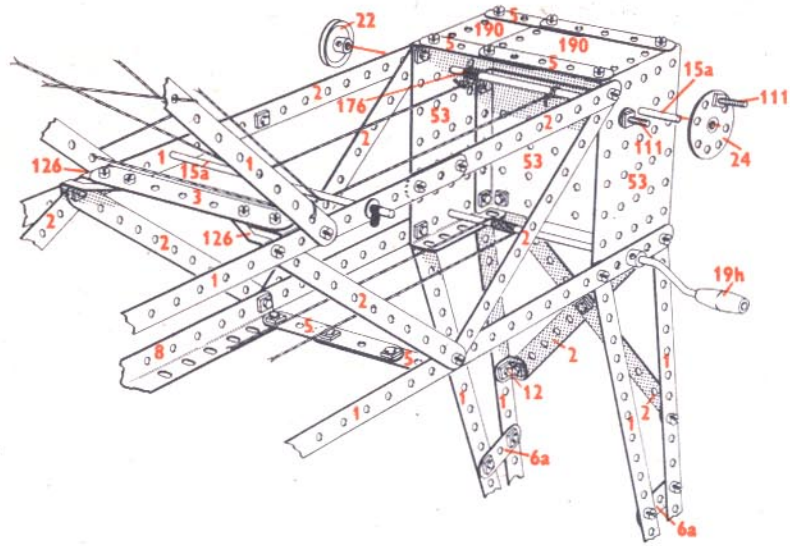


7.3 Quayside Unloader
Descargador de Muelle
Descarregador de Cais
Hamntravers
Havnekran

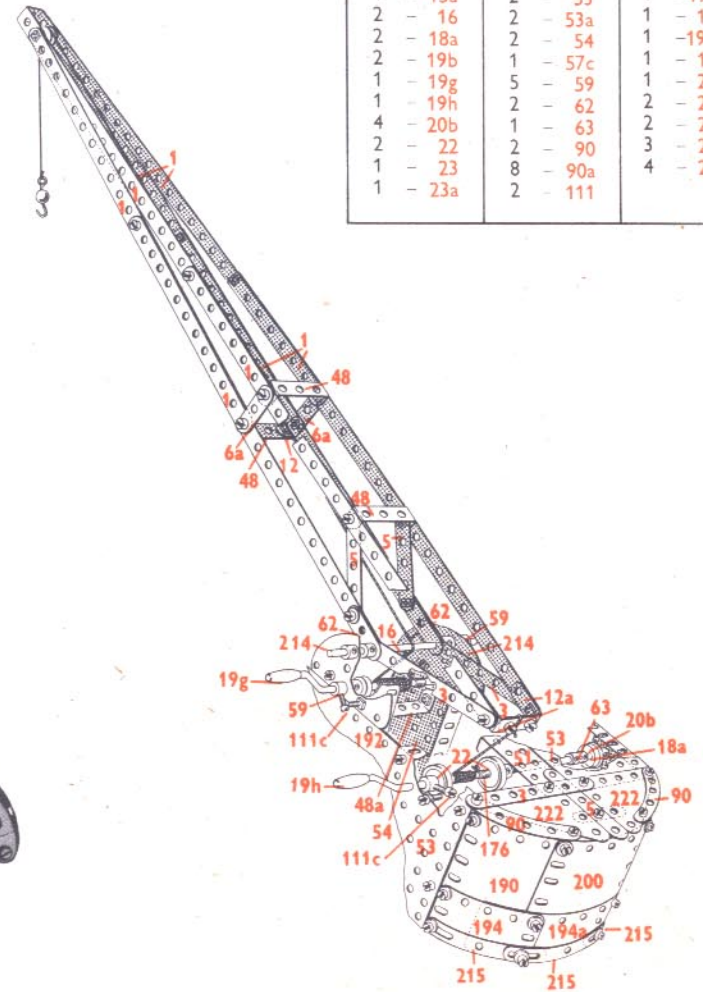
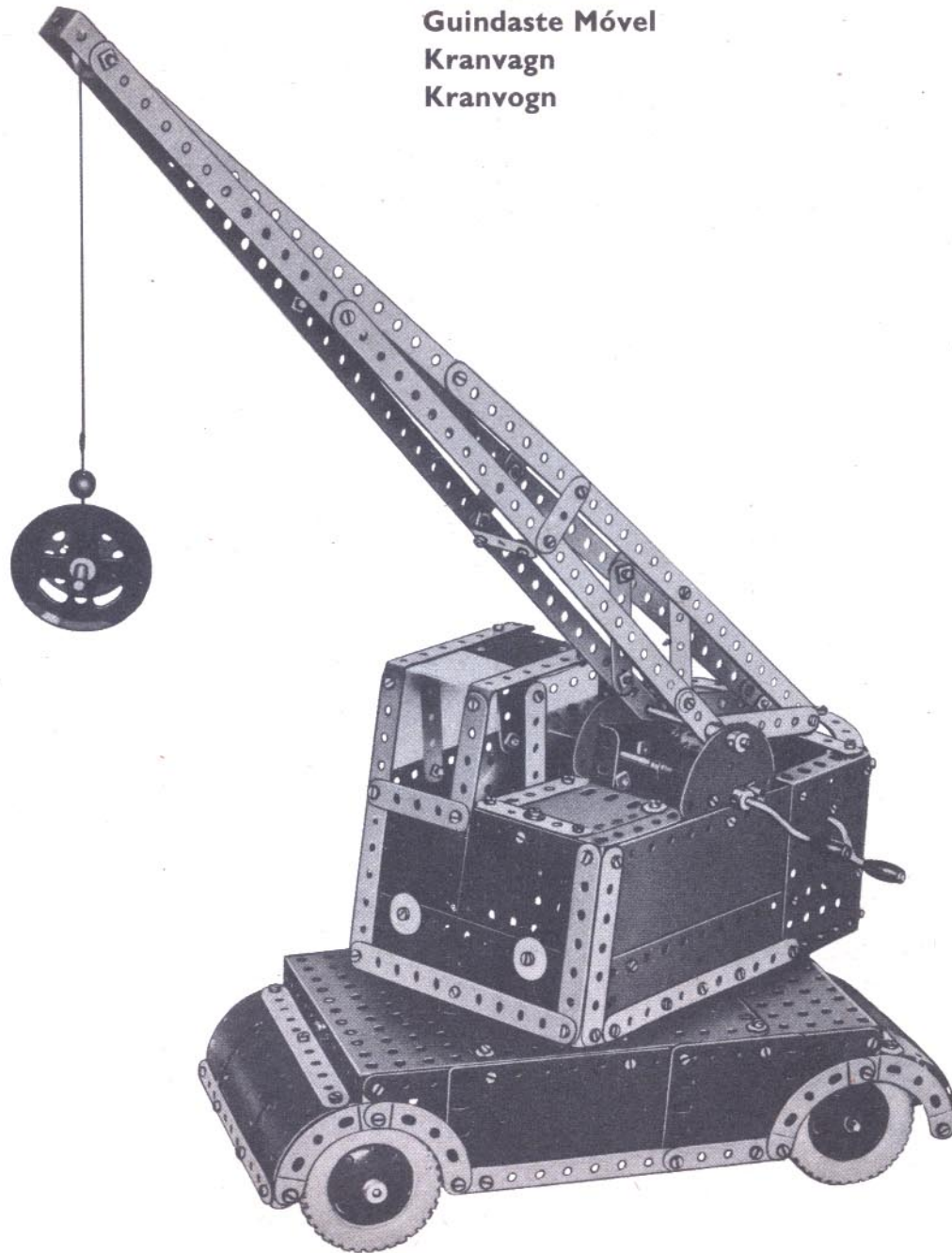
7.3

12	-	1	1	-	23	2	-	111
18	-	2	2	-	24	2	-	111a
6	-	3	8	-	35	5	-	111c
2	-	4	155	-	37a	2	-	126
14	-	5	142	-	37b	4	-	126a
4	-	6a	14	-	38	1	-	147b
8	-	8	2	-	40	2	-	176
6	-	10	9	-	48a	1	-	186
4	-	11	2	-	48b	1	-	188
10	-	12	1	-	51	2	-	190
1	-	15	1	-	52	2	-	193
2	-	15a	3	-	53	2	-	193a
1	-	15b	2	-	53a	2	-	212
4	-	16	1	-	57c	2	-	214
4	-	18a	6	-	59	2	-	215
1	-	19h	2	-	62	2	-	221
4	-	20b	1	-	63	2	-	222
4	-	22	2	-	90a			
1	-	22a	2	-	99			



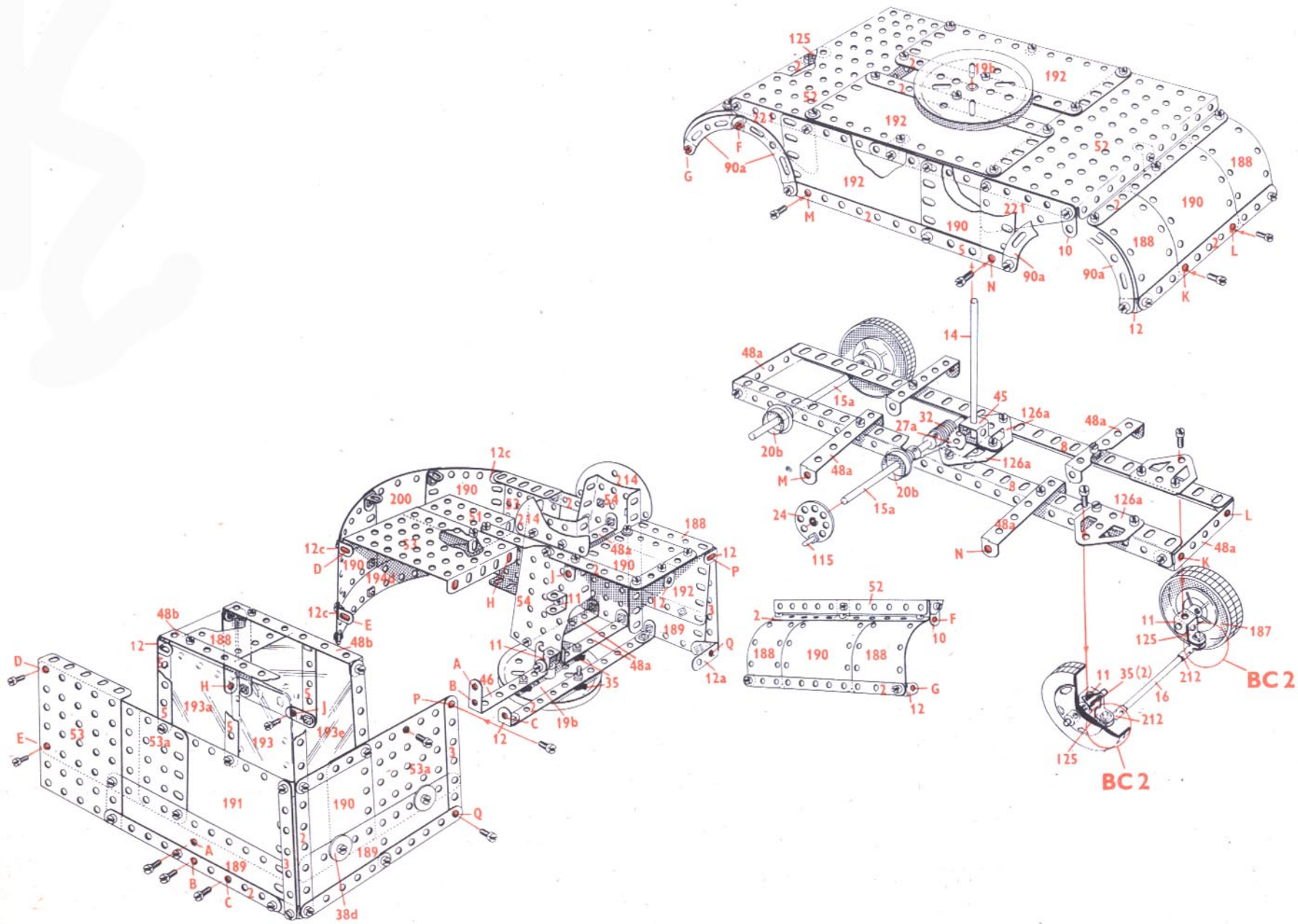


7.4 Mobile Crane
Grúa Ambulante
Guindaste Móvel
Kranvagn
Kranvogn

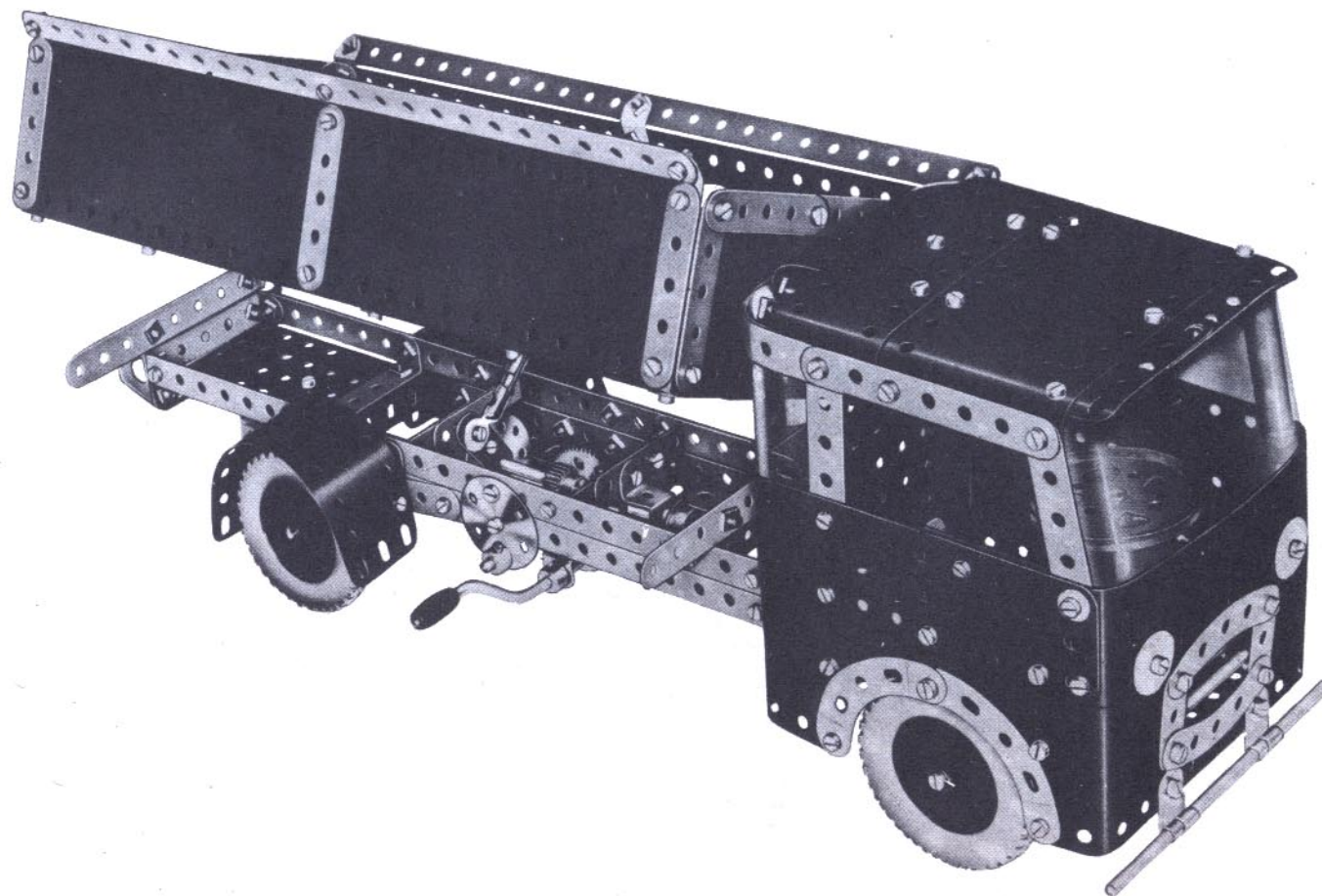
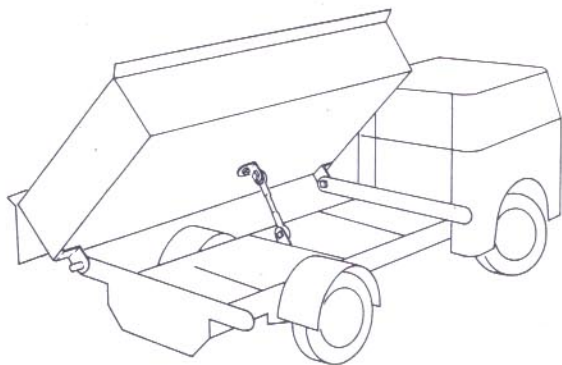


7.4

8	-	1	1	-	24	2	-	111a
17	-	2	1	-	27a	4	-	111c
6	-	3	1	-	32	1	-	115
2	-	4	4	-	35	2	-	125
14	-	5	186	-	37a	2	-	126a
4	-	6a	173	-	37b	2	-	176
2	-	8	25	-	38	4	-	187
5	-	10	2	-	38d	6	-	188
4	-	11	1	-	40	3	-	189
1	-	11a	1	-	45	7	-	190
18	-	12	1	-	46	1	-	191
4	-	12a	2	-	48	5	-	192
4	-	12c	9	-	48a	2	-	193
1	-	14	1	-	51	2	-	193a
1	-	15	2	-	52	1	-	193c
1	-	15a	2	-	53	1	-	193e
2	-	16	2	-	53a	1	-	194
2	-	18a	2	-	54	1	-	194d
2	-	19b	1	-	57c	1	-	199
1	-	19g	5	-	59	1	-	200
1	-	19h	2	-	62	2	-	212
4	-	20b	1	-	63	2	-	214
2	-	22	2	-	90	3	-	215
1	-	23	8	-	90a	4	-	221
1	-	23a	2	-	111			

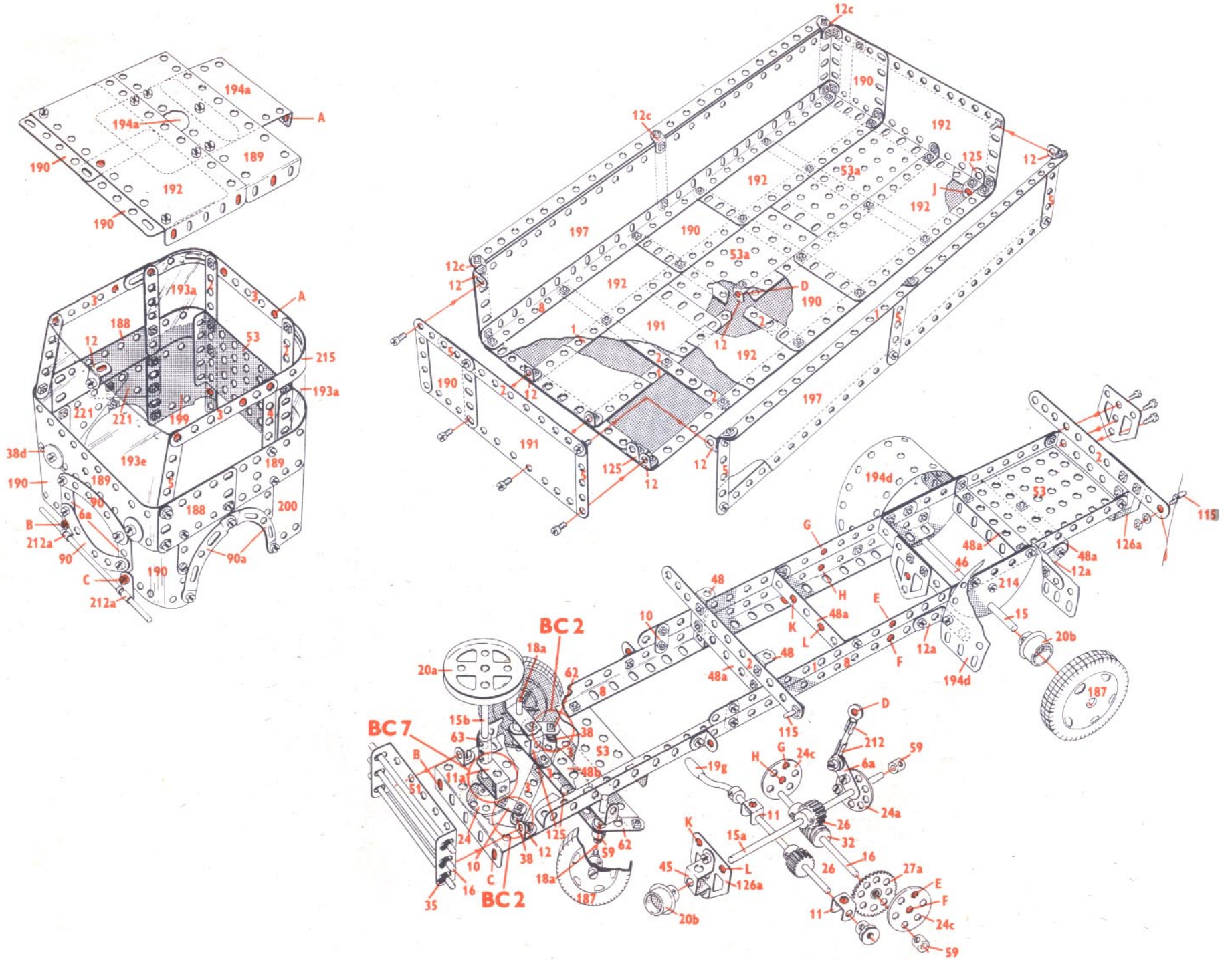


7.5 Side Tipping Lorry/Camión Volquete de Lado
Camião Basculante
Lastbil med sidtippflak
Lastebil m/tipp

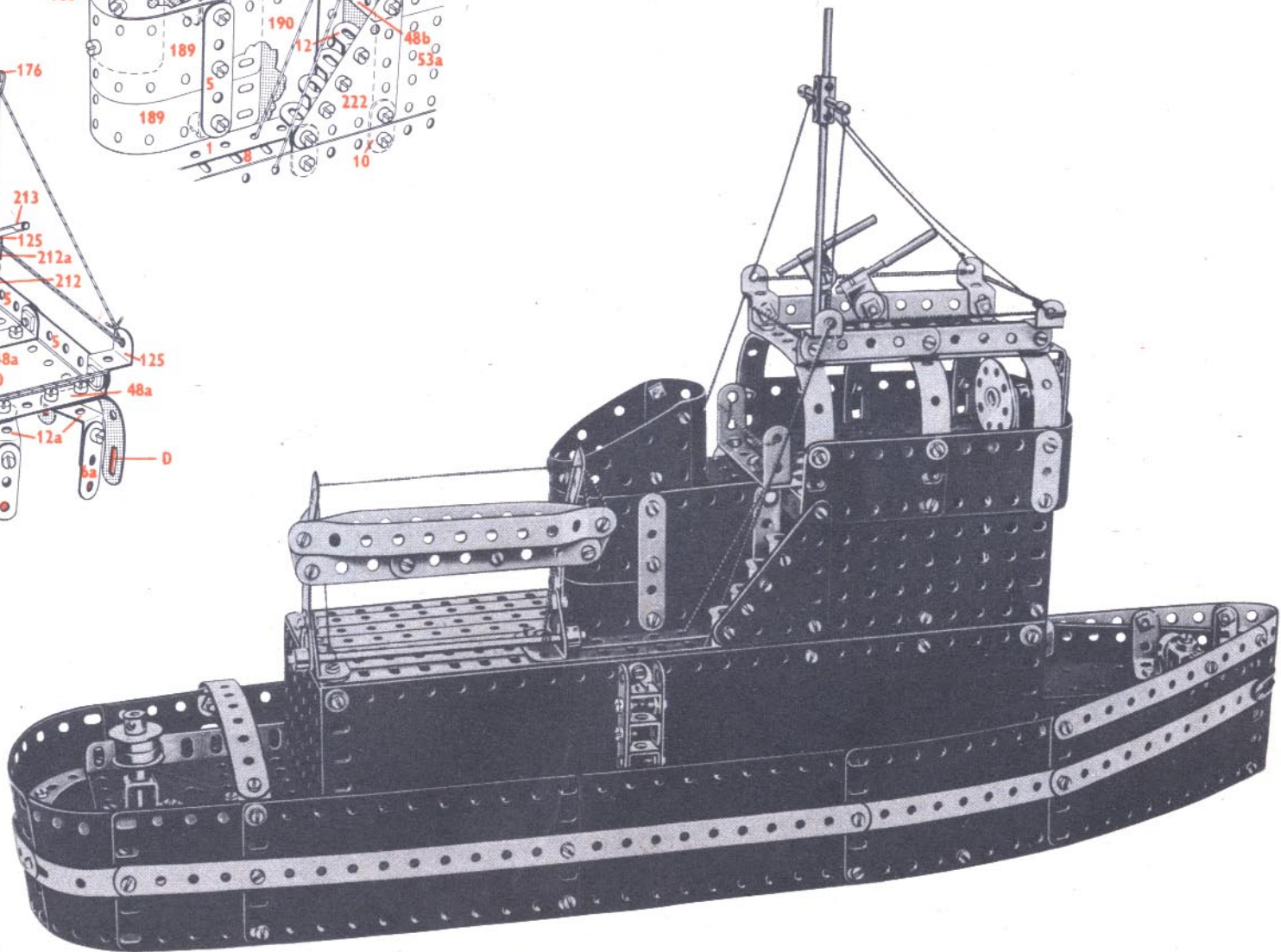
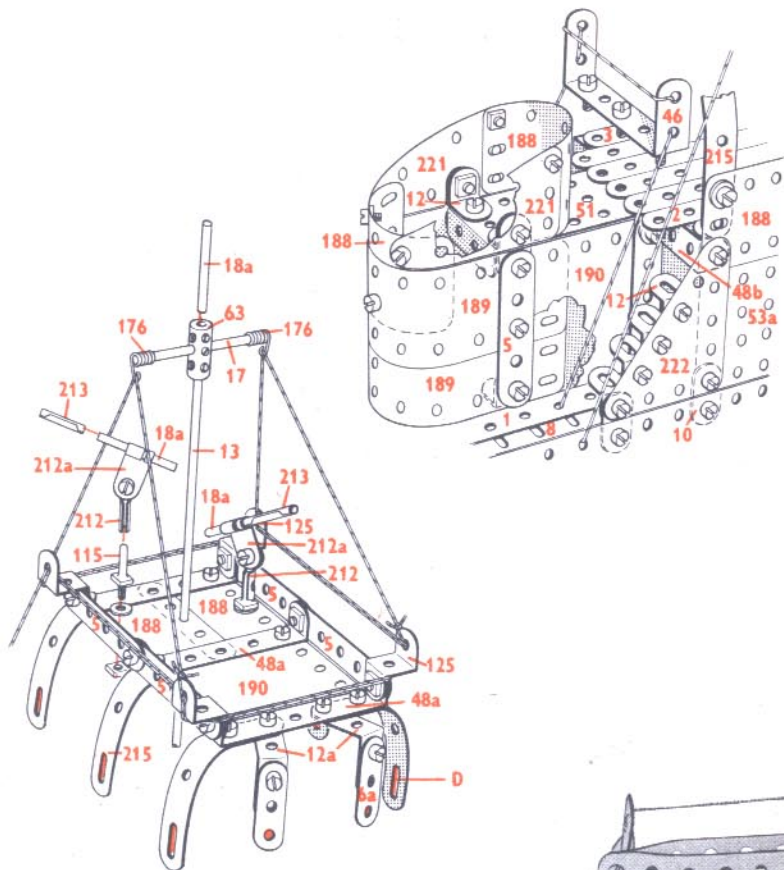


7.5

8	-	1	2	-	48
18	-	2	5	-	48a
6	-	3	1	-	48b
2	-	4	1	-	51
13	-	5	3	-	53
4	-	6a	2	-	53a
3	-	8	6	-	59
3	-	10	2	-	62
2	-	11	1	-	63
1	-	11a	2	-	90
17	-	12	4	-	90a
4	-	12a	2	-	111
6	-	12c	1	-	111a
2	-	15	4	-	111c
1	-	15a	2	-	115
1	-	15b	4	-	125
4	-	16	4	-	126a
2	-	18a	4	-	187
1	-	18b	2	-	188
1	-	19g	4	-	189
1	-	20a	8	-	190
3	-	20b	2	-	191
1	-	23a	6	-	192
2	-	24	2	-	193a
2	-	24c	1	-	193e
2	-	26	2	-	194a
1	-	27a	2	-	194d
1	-	32	2	-	197
6	-	35	1	-	199
193	-	37a	1	-	200
181	-	37b	2	-	212
15	-	38	2	-	212a
2	-	38d	2	-	214
1	-	45	2	-	215
1	-	46	4	-	221

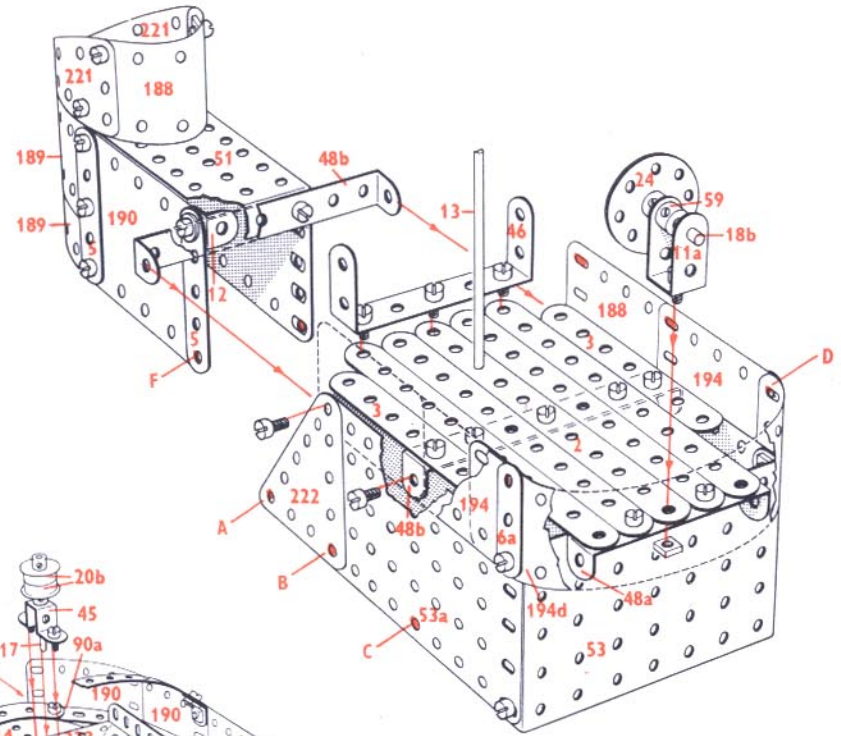
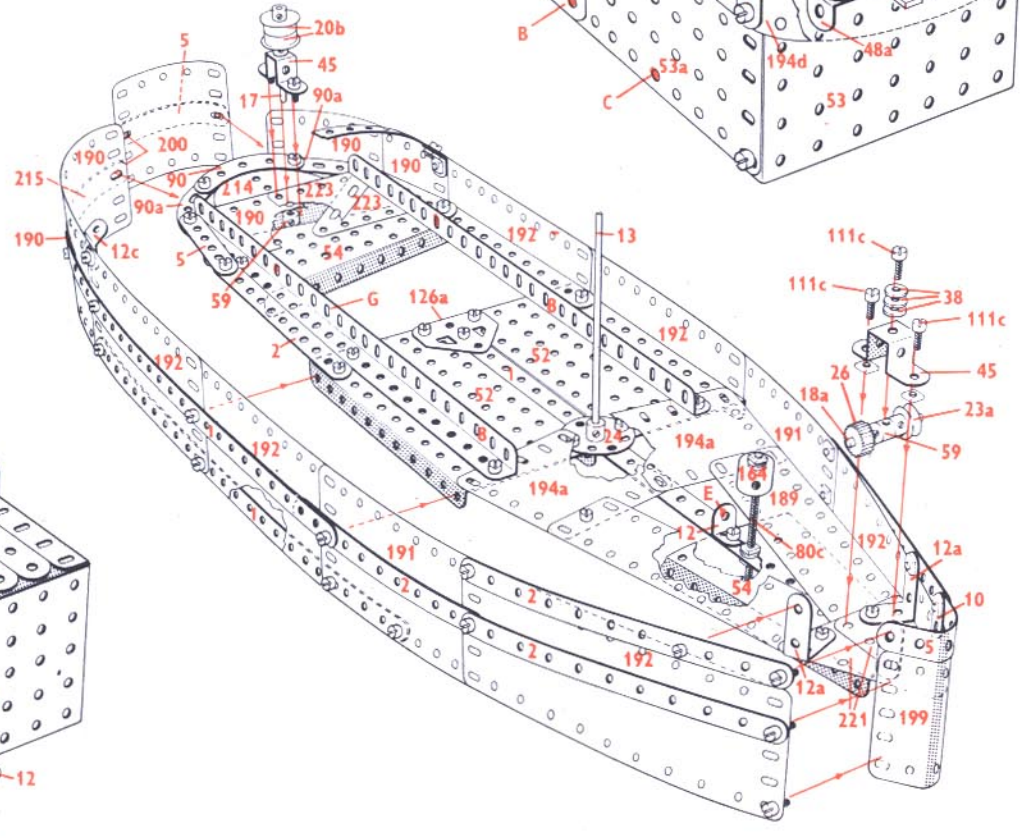
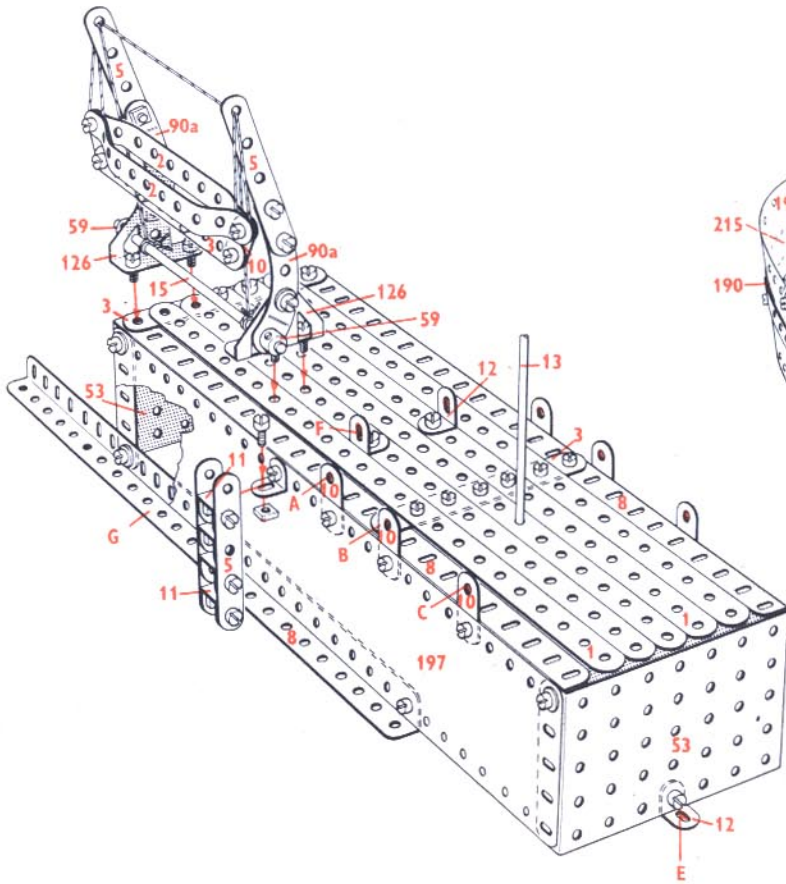


7.6 Tug or Fire-Fighting Boat
Remolcador o Barco de Incendios
Rebocador ou Barco de Incendio
Bogserbåt eller båt för brandbekämpning
Brannbåt

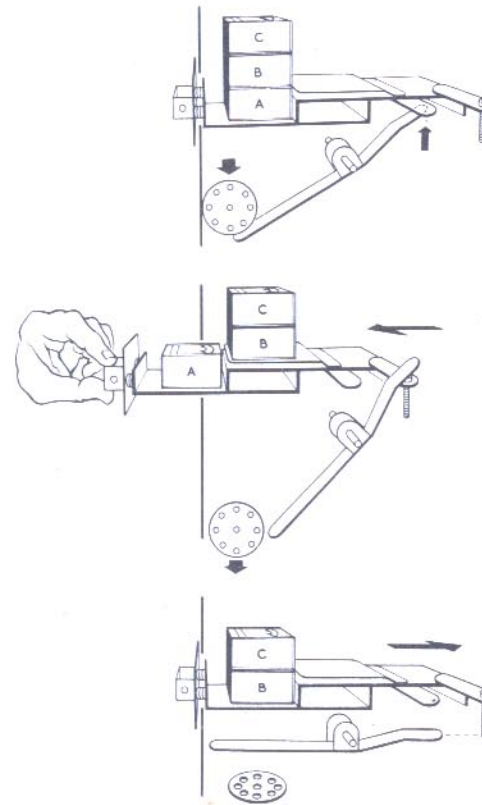
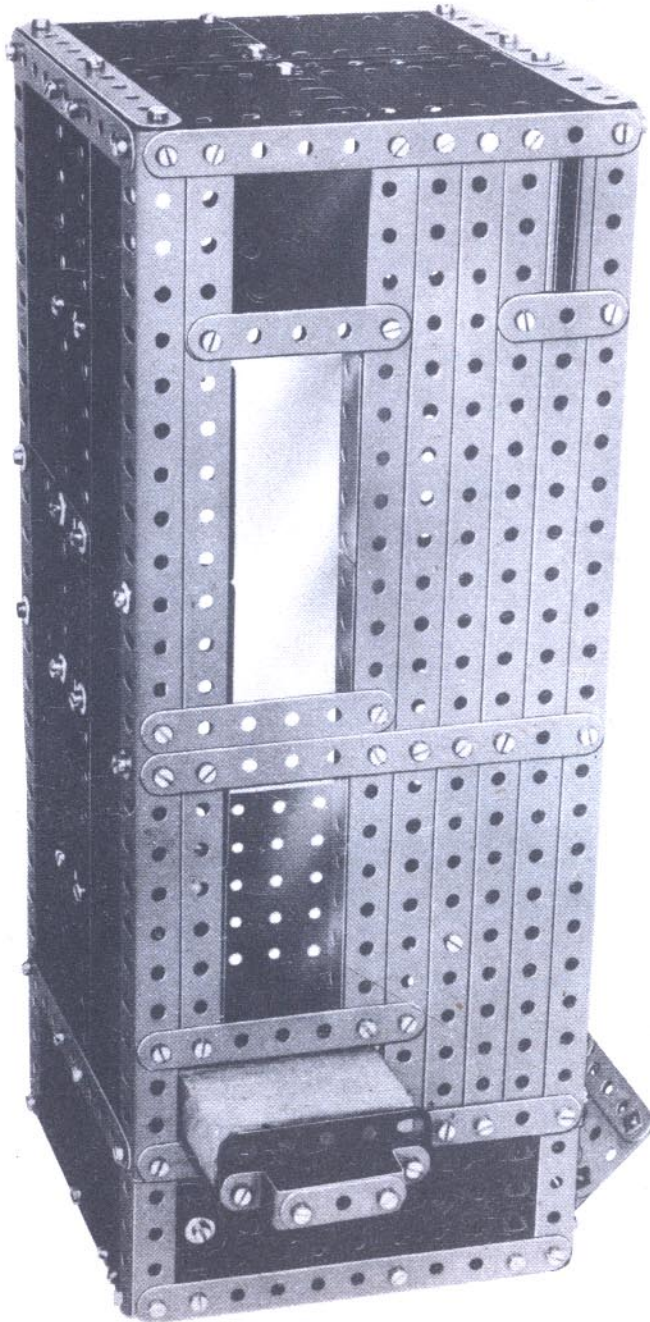


7.6

10	-	1	1	-	18b	2	-	54	6	-	192
16	-	2	2	-	20b	4	-	59	2	-	194
5	-	3	1	-	23a	1	-	63	2	-	194a
2	-	4	2	-	24	1	-	80c	1	-	194d
14	-	5	1	-	26	1	-	90	2	-	197
4	-	6a	194	-	37a	4	-	90a	1	-	199
4	-	8	184	-	37b	4	-	111c	2	-	212
12	-	10	21	-	38	2	-	115	2	-	212a
4	-	11	1	-	40	4	-	125	2	-	213
1	-	11a	2	-	45	2	-	126	1	-	214
14	-	12	1	-	46	1	-	164	8	-	215
4	-	12a	4	-	48a	2	-	176	4	-	221
2	-	12c	2	-	48b	1	-	186	2	-	222
1	-	13	1	-	51	6	-	188	2	-	223
1	-	15	2	-	52	4	-	189			
2	-	17	3	-	53	8	-	190			
4	-	18a	2	-	53a	2	-	191			

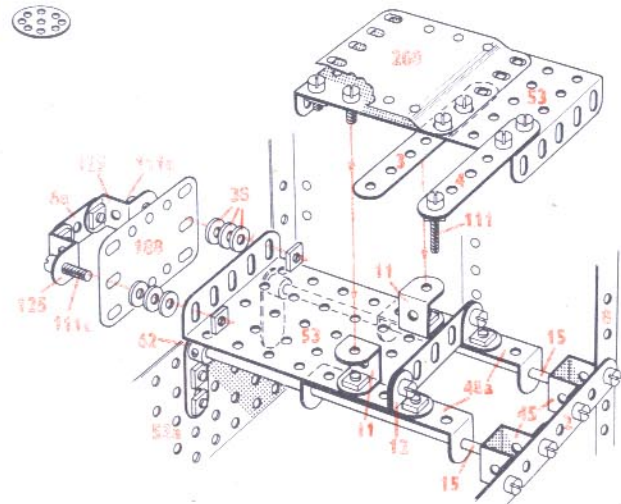


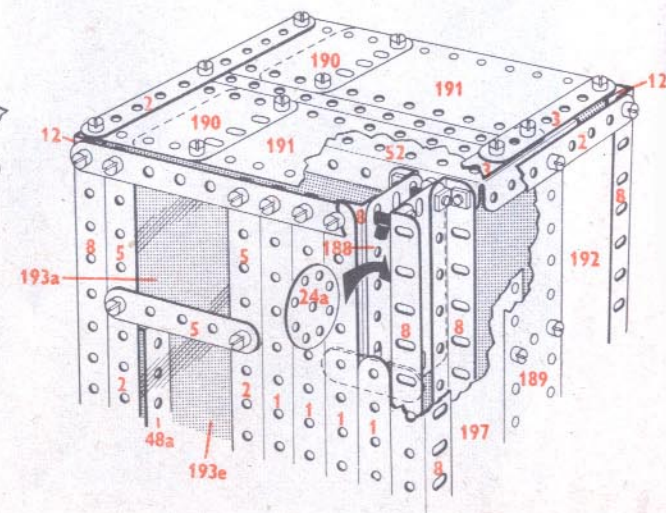
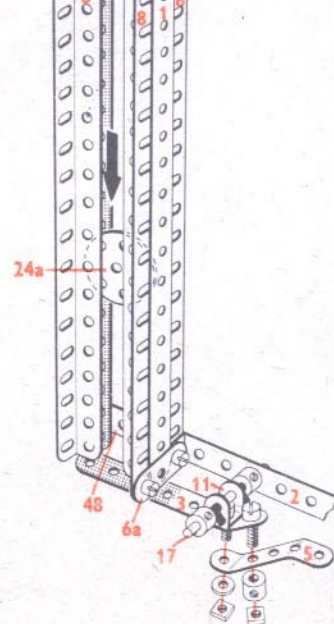
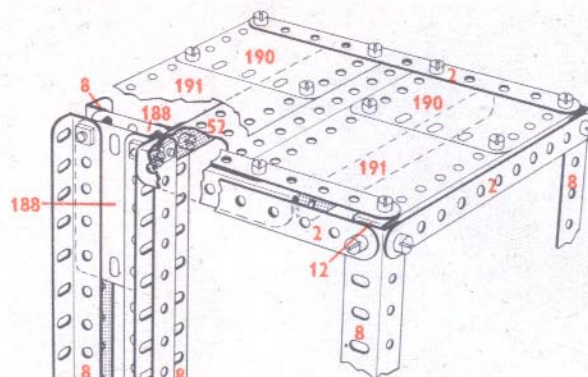
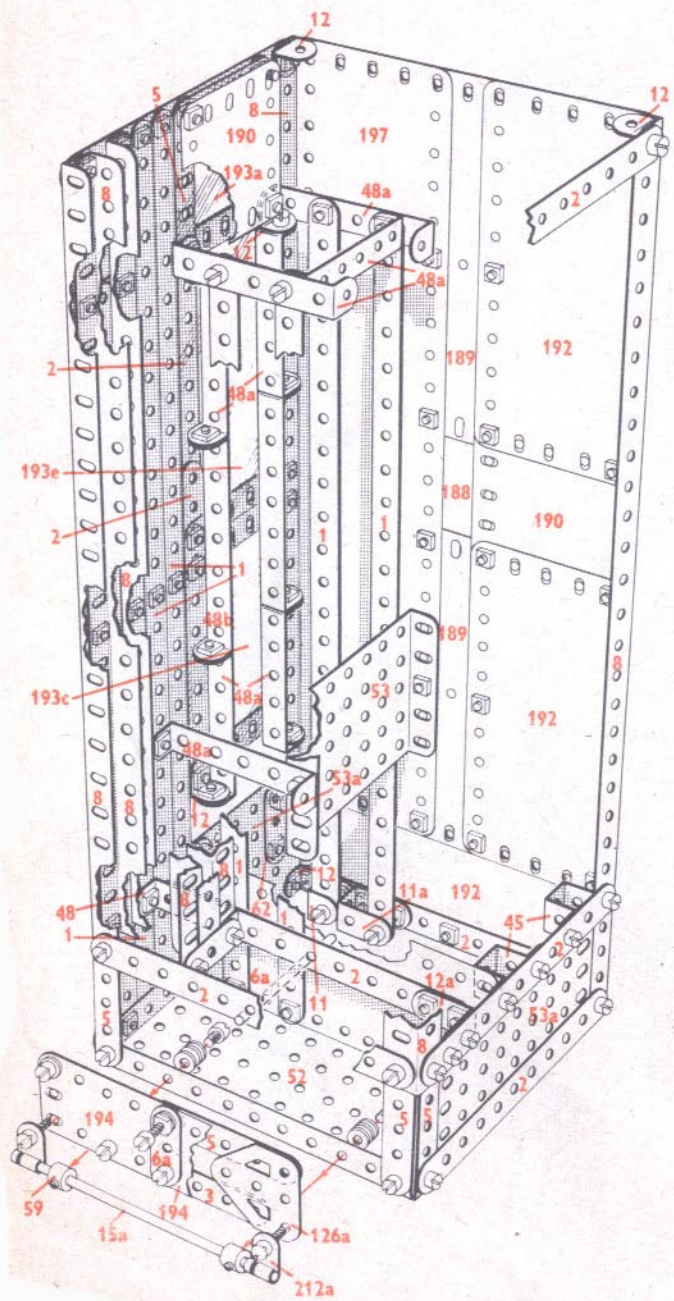
7.7 "Penny-in-the-Slot" Machine/Tragaperras/Máquina Automática para Venda Penny-automat/Automat



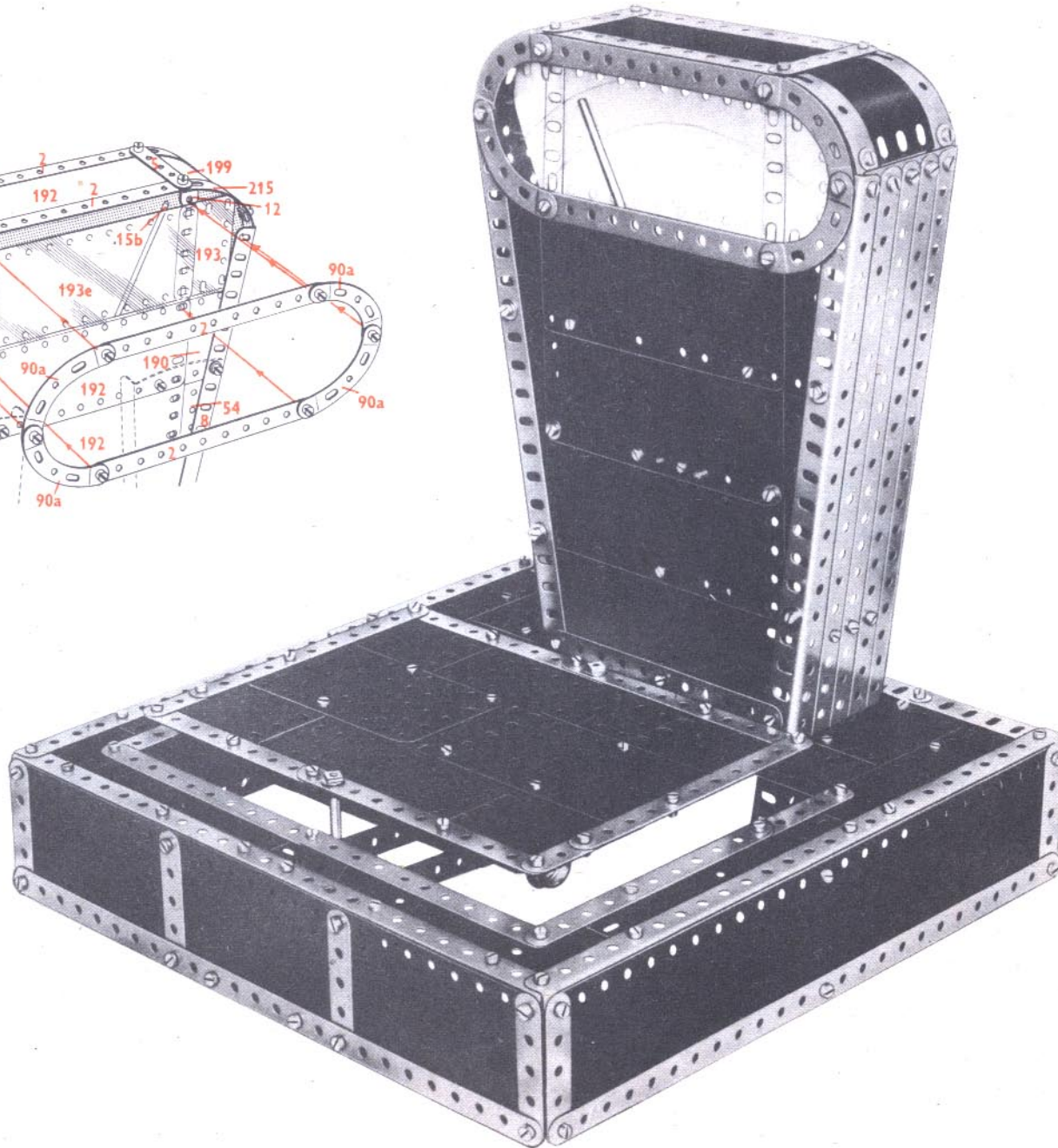
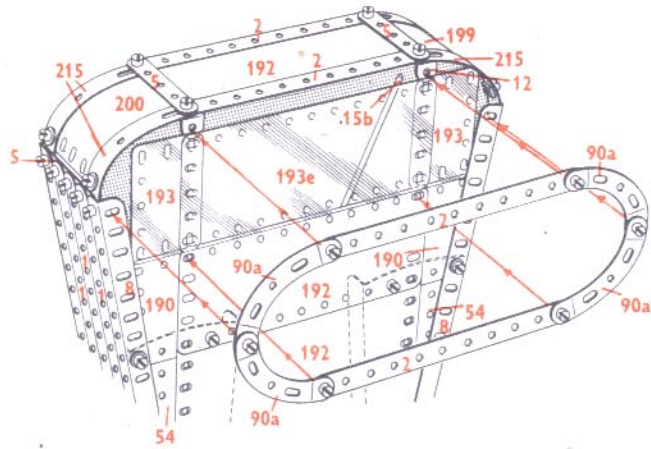
7.7

9	-	1	2	-	52
18	-	2	3	-	53
6	-	3	2	-	53a
2	-	4	5	-	59
4	-	6a	2	-	62
8	-	8	1	-	111
4	-	11	2	-	111a
1	-	11a	1	-	111c
12	-	12	2	-	125
1	-	12a	2	-	126a
2	-	15	5	-	188
1	-	15a	4	-	189
1	-	17	6	-	190
2	-	35	2	-	191
165	-	37a	6	-	192
155	-	37b	1	-	193a
26	-	38	1	-	193c
2	-	45	1	-	193e
1	-	48	2	-	194
10	-	48a	2	-	197
2	-	48b	2	-	212a





7.8 Scales/Balanza/Balança/Skalavåg/Skalavekt



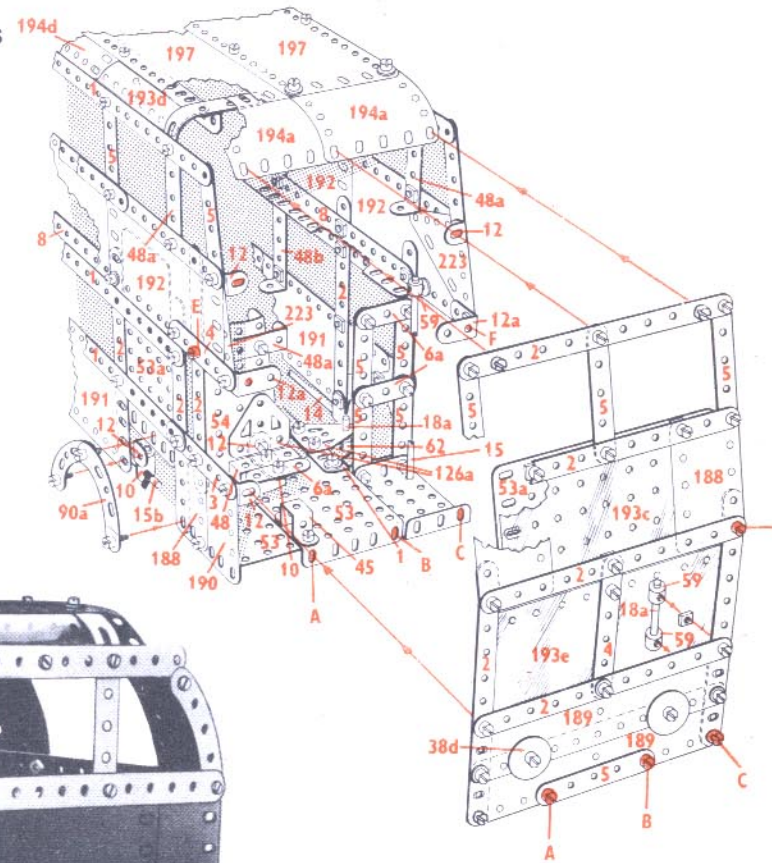
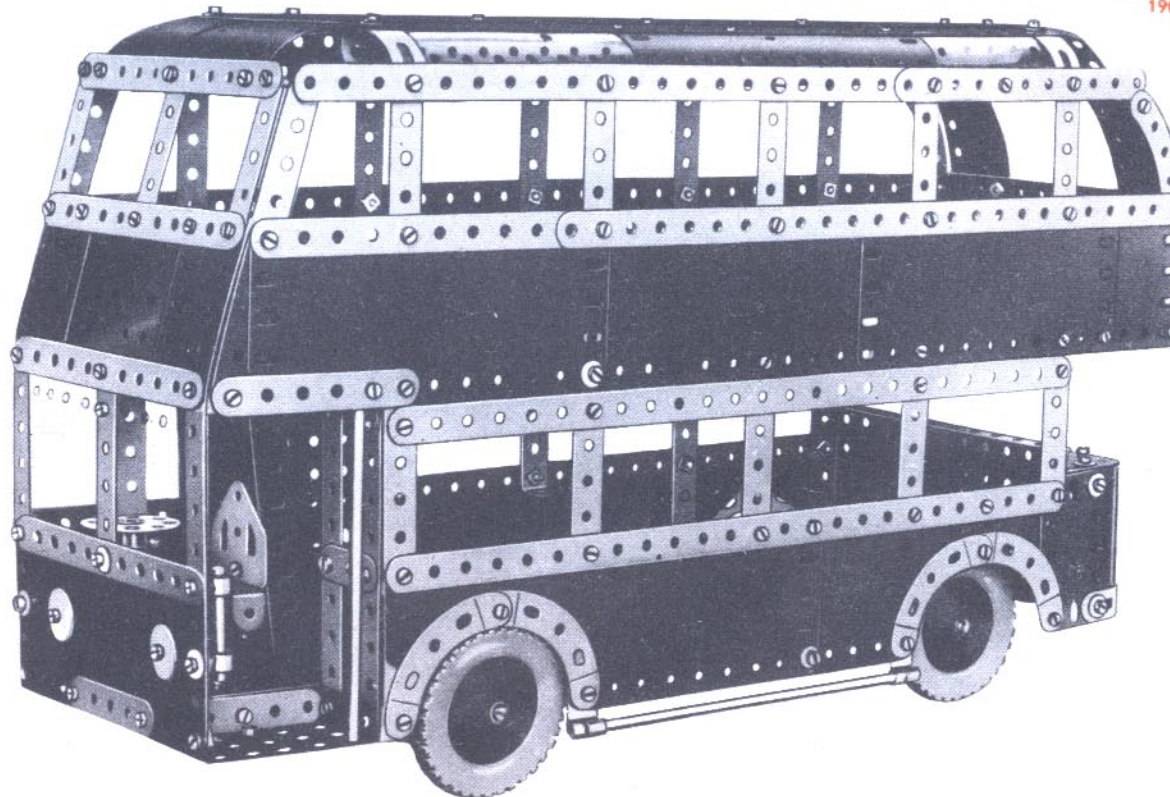
7.8

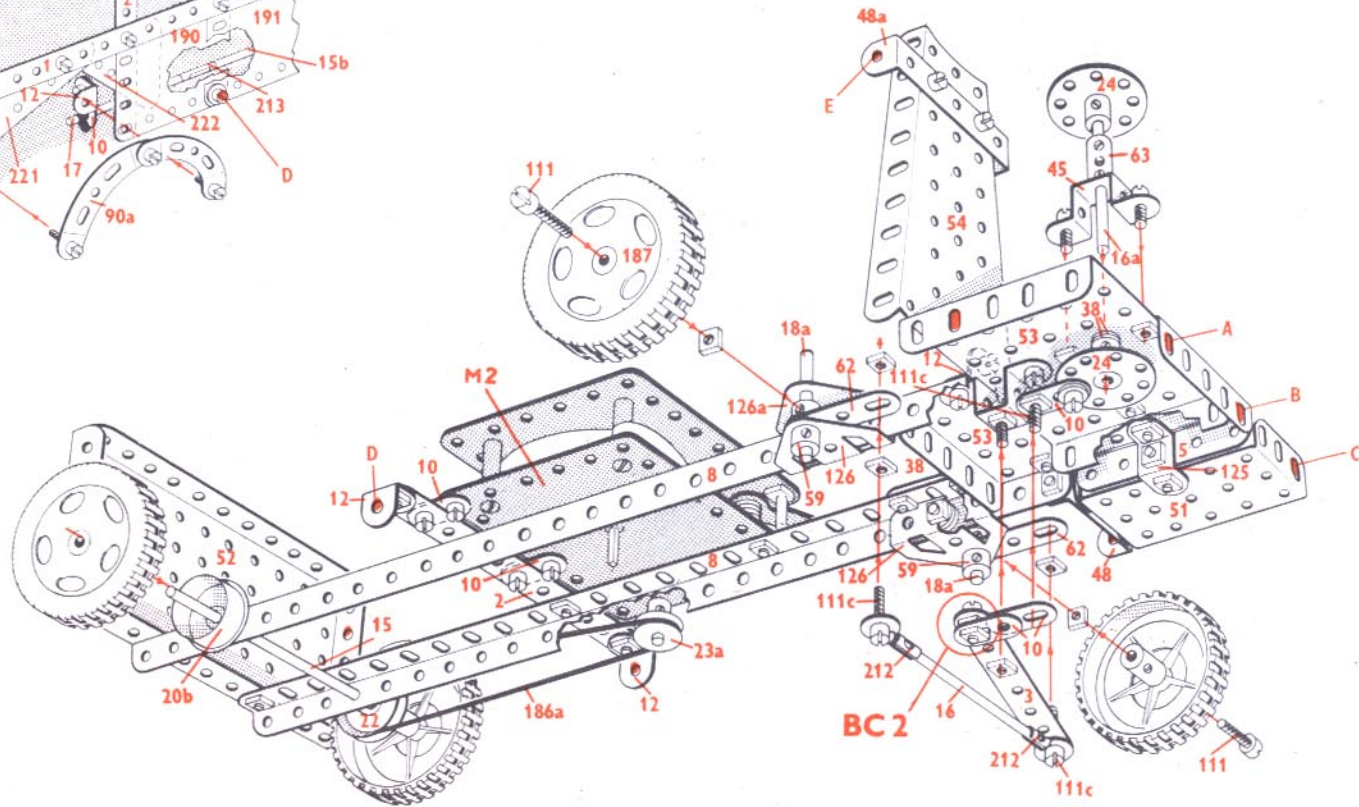
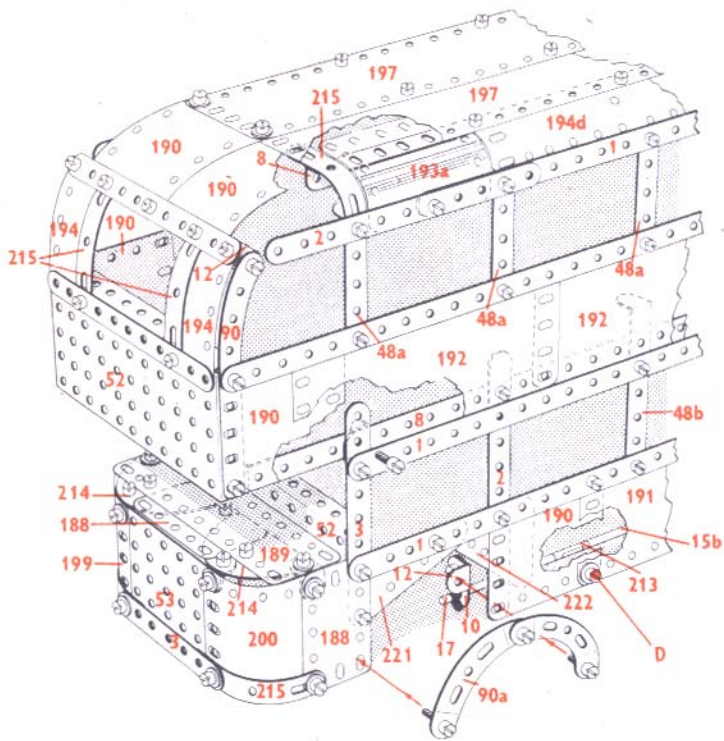
12	-	1	2	-	53
18	-	2	2	-	53a
2	-	3	2	-	54
2	-	4	6	-	59
12	-	5	1	-	62
4	-	6a	1	-	63
8	-	8	4	-	90
2	-	10	1	-	111
2	-	11	1	-	111a
1	-	11a	3	-	111c
14	-	12	2	-	115
2	-	12a	3	-	125
1	-	15a	2	-	126
1	-	15b	2	-	126a
3	-	16	1	-	186a
1	-	17	6	-	188
1	-	18a	4	-	189
1	-	18b	6	-	190
2	-	20b	5	-	192
2	-	24	2	-	193
1	-	26	1	-	193e
1	-	27a	2	-	194
191	-	37a	2	-	194a
183	-	37b	2	-	194d
29	-	38	3	-	197
2	-	45	1	-	199
2	-	48	1	-	200
10	-	48a	1	-	212
1	-	51	2	-	213
2	-	52	4	-	215

7.9 Double Deck Bus/Autobus de Dos Pisos
Autocarro de dois andares
Tvåvåningsbuss
Double dekkers buss

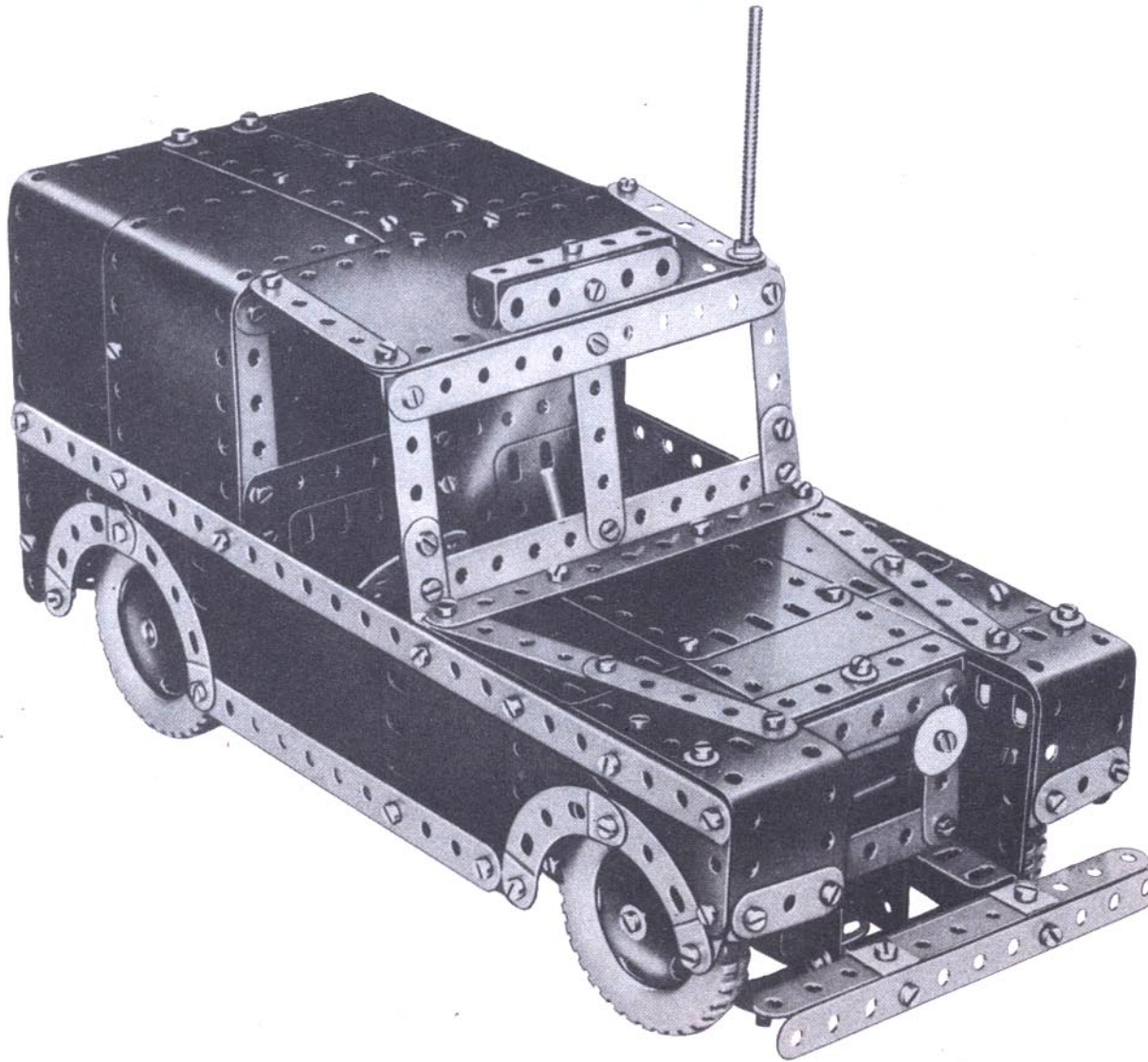
7.9

10	1	1	23a	2	62	2	193d
18	2	2	24	1	63	1	193e
6	3	1	26	2	90	2	194
2	4	1	27a	8	90a	2	194a
14	5	2	35	2	111	2	194d
3	6a	194	37a	1	111a	2	197
6	8	181	37b	5	111c	1	199
8	10	29	38	1	125	1	200
14	12	2	38d	2	126	2	212
2	12a	2	45	3	126a	2	212a
1	14	2	48	1	186a	1	213
2	15	10	48a	4	187	2	214
1	15b	2	48b	6	188	8	215
1	16	1	51	3	189	4	221
2	17	2	52	7	190	2	222
4	18a	3	53	2	191	2	223
1	18b	2	53a	6	192		
1	20b	1	54	2	193a		
1	22	4	59	1	193c		



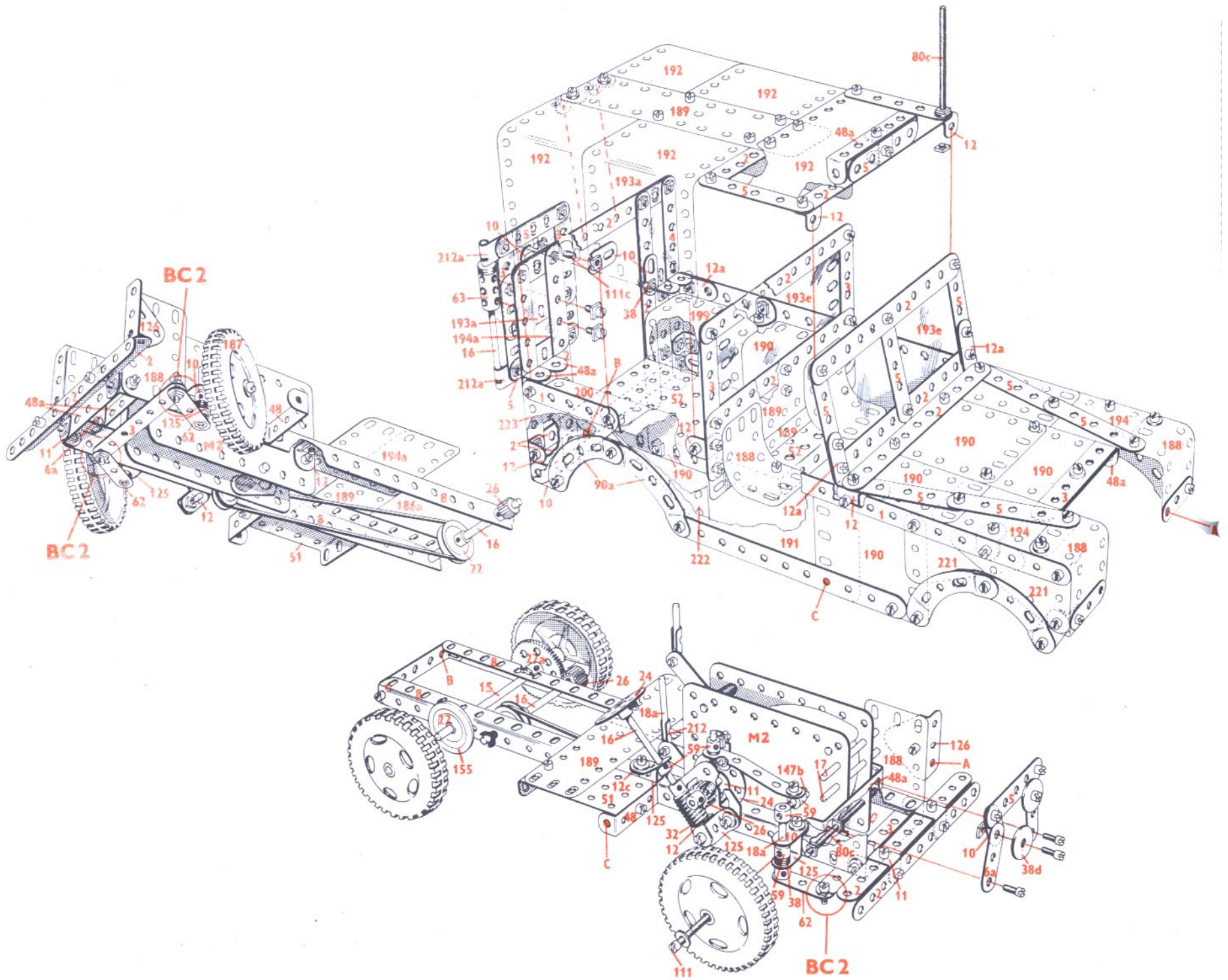


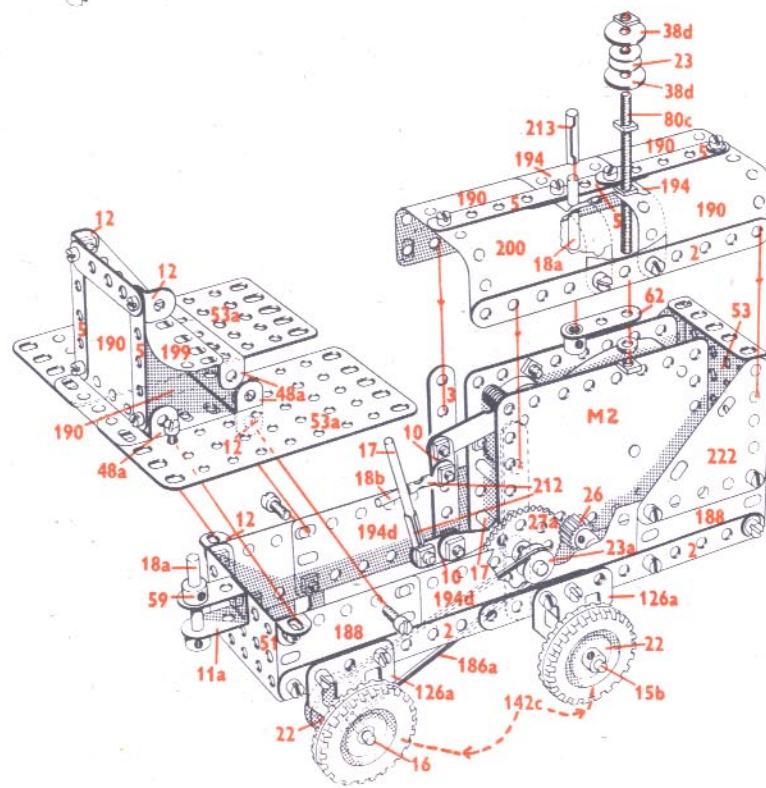
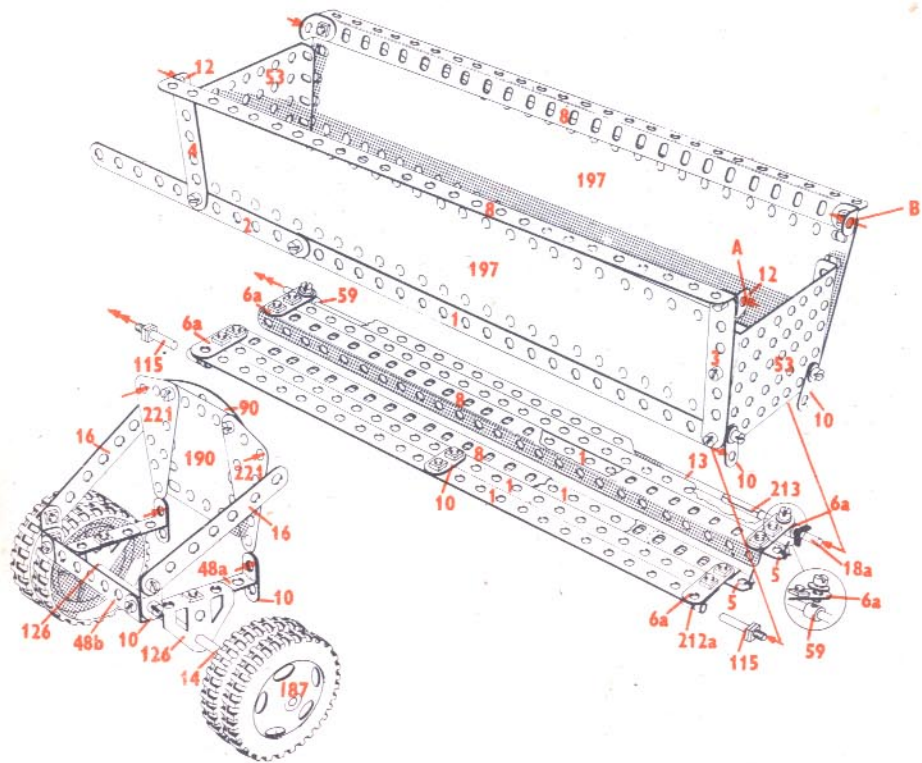
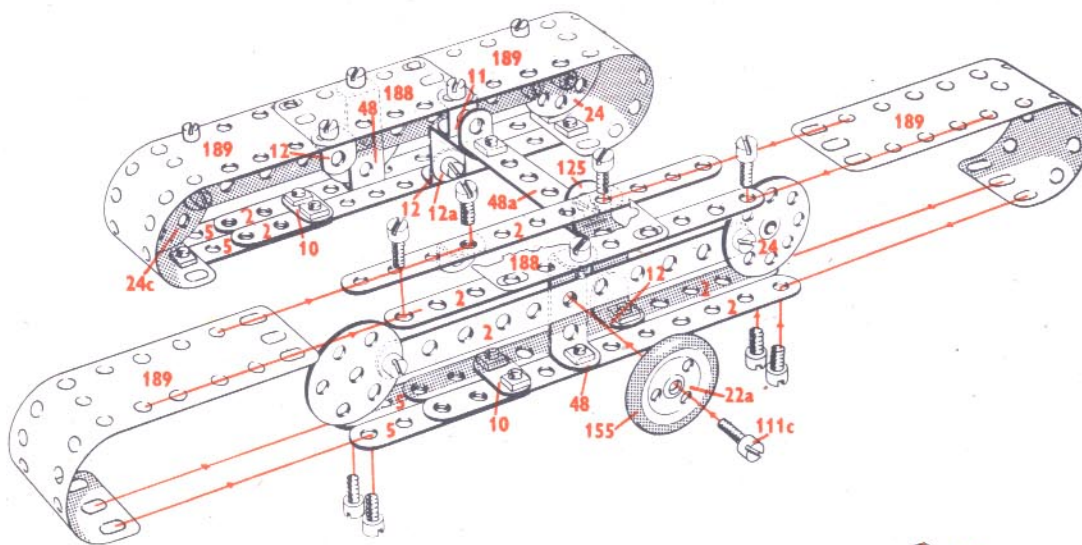
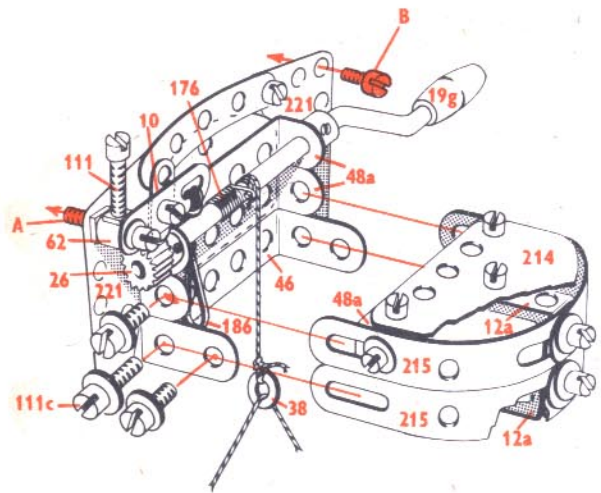
7.10 Police Patrol Car
 Coche de Patrulla Policiaca
 Carro Patrulha da Policia
 Polispatrullbil
 Politipatruljebil



7.10

2 - 1	1 - 27a	1 - 126a
16 - 2	1 - 32	1 - 147b
6 - 3	1 - 35	1 - 186b
2 - 4	171 - 37a	4 - 187
14 - 5	152 - 37b	4 - 188
4 - 6a	19 - 38	4 - 189
2 - 8	2 - 38d	8 - 190
12 - 10	2 - 48	2 - 191
4 - 11	9 - 48a	5 - 192
18 - 12	1 - 51	2 - 193
4 - 12a	1 - 52	1 - 193a
1 - 12c	6 - 59	2 - 193e
1 - 15	2 - 62	2 - 194
3 - 16	1 - 63	2 - 194a
2 - 17	2 - 80c	1 - 199
4 - 18a	8 - 90a	1 - 200
1 - 18b	2 - 111	2 - 212
2 - 22	1 - 111a	2 - 212a
1 - 23a	2 - 111c	4 - 221
2 - 24	4 - 125	2 - 222
2 - 26	2 - 126	2 - 223

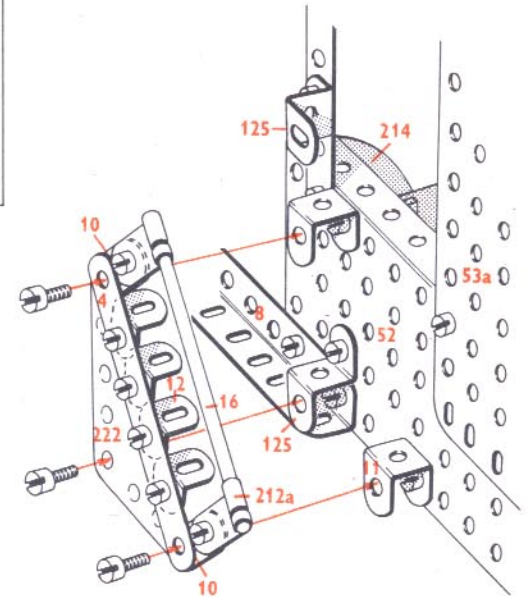
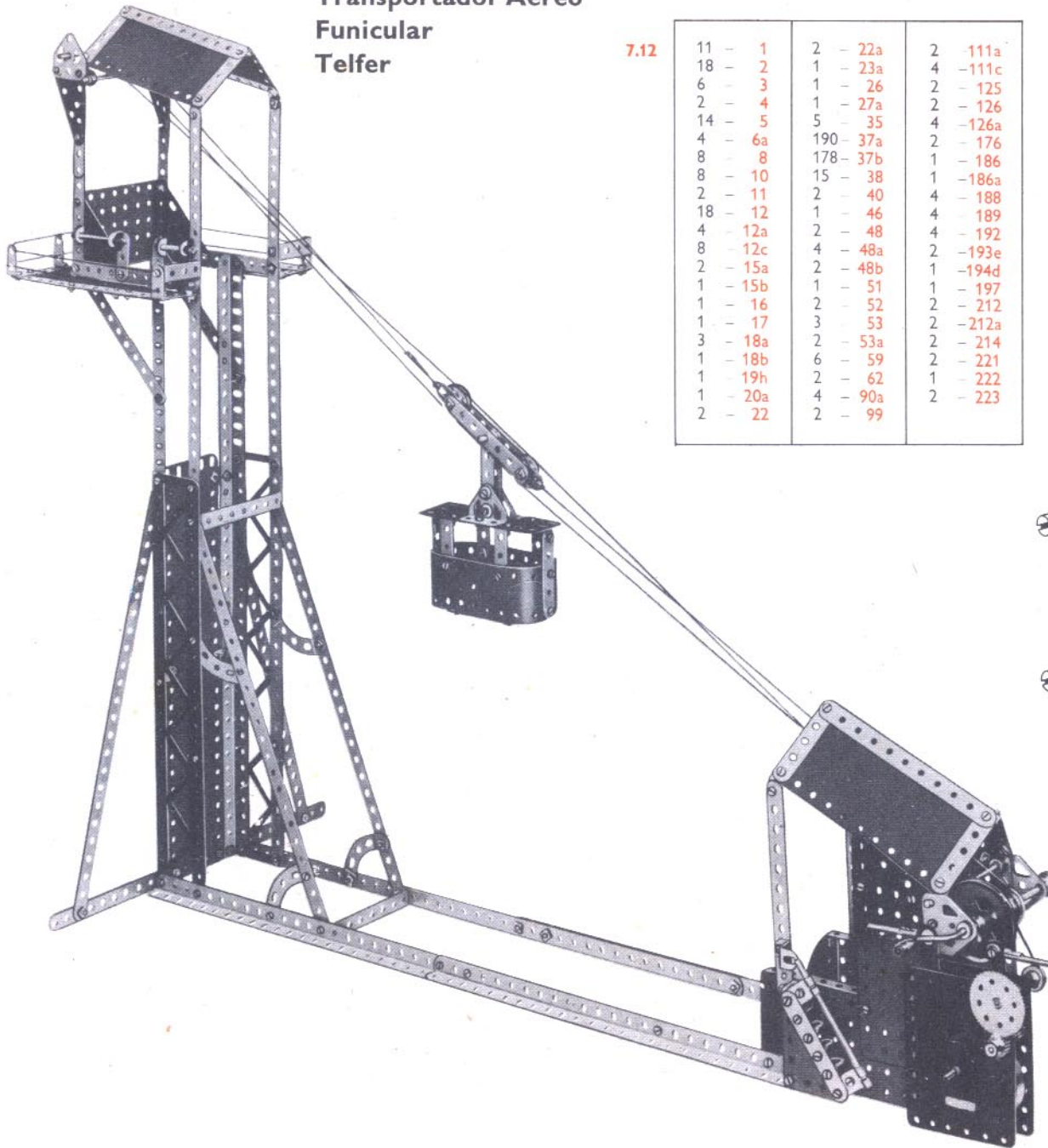


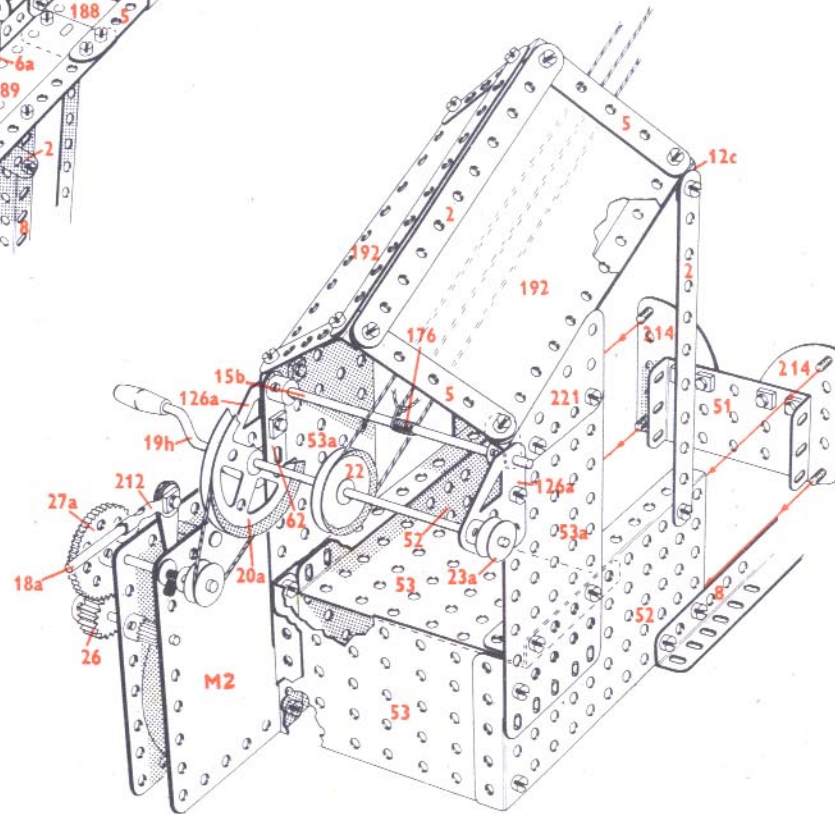
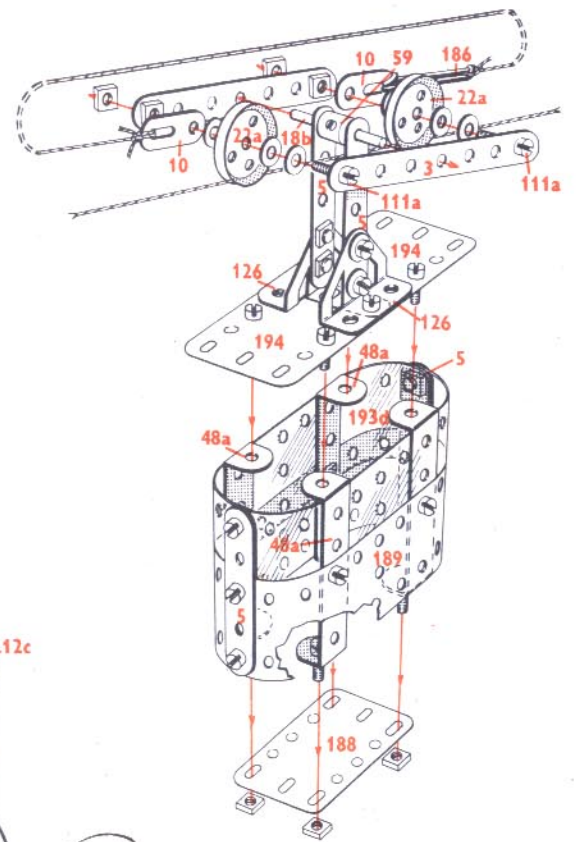
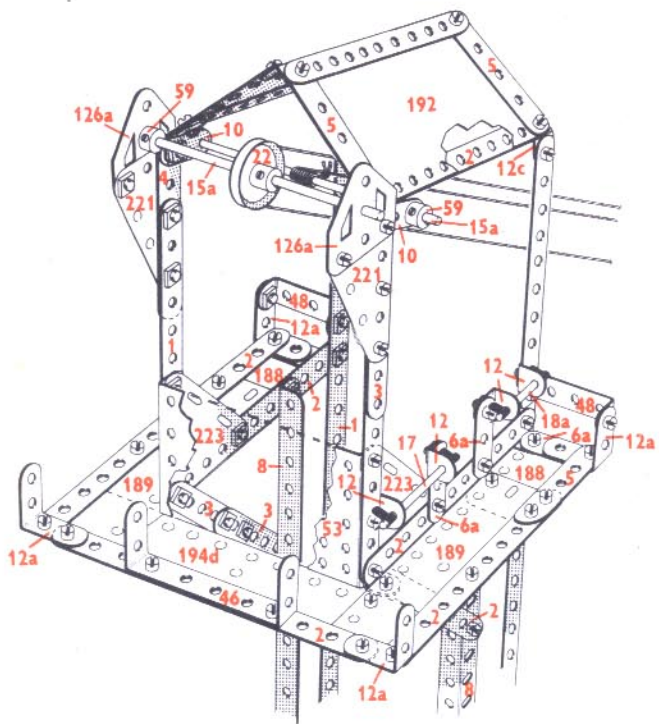


7.12 Cable Car Railway
Transportador Aereo
Funicular
Telfer

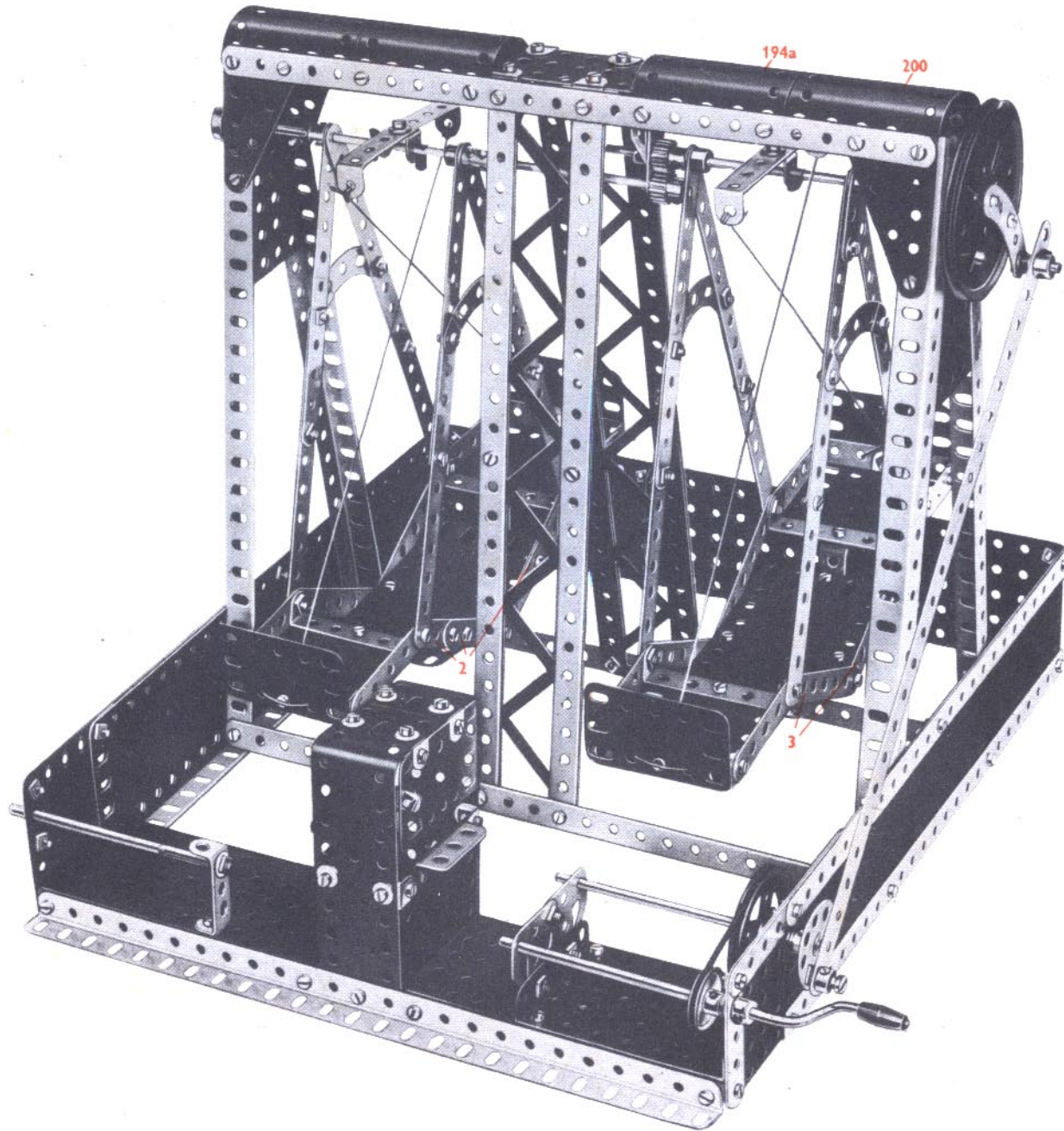
7.12

11 - 1	2 - 22a	2 - 111a
18 - 2	1 - 23a	4 - 111c
6 - 3	1 - 26	2 - 125
2 - 4	1 - 27a	2 - 126
14 - 5	5 - 35	4 - 126a
4 - 6a	190 - 37a	2 - 176
8 - 8	178 - 37b	1 - 186
8 - 10	15 - 38	1 - 186a
2 - 11	2 - 40	4 - 188
18 - 12	1 - 46	4 - 189
4 - 12a	2 - 48	4 - 192
8 - 12c	4 - 48a	2 - 193e
2 - 15a	2 - 48b	1 - 194d
1 - 15b	1 - 51	1 - 197
1 - 16	2 - 52	2 - 212
1 - 17	3 - 53	2 - 212a
3 - 18a	2 - 53a	2 - 214
1 - 18b	6 - 59	2 - 221
1 - 19h	2 - 62	1 - 222
1 - 20a	4 - 90a	2 - 223
2 - 22	2 - 99	



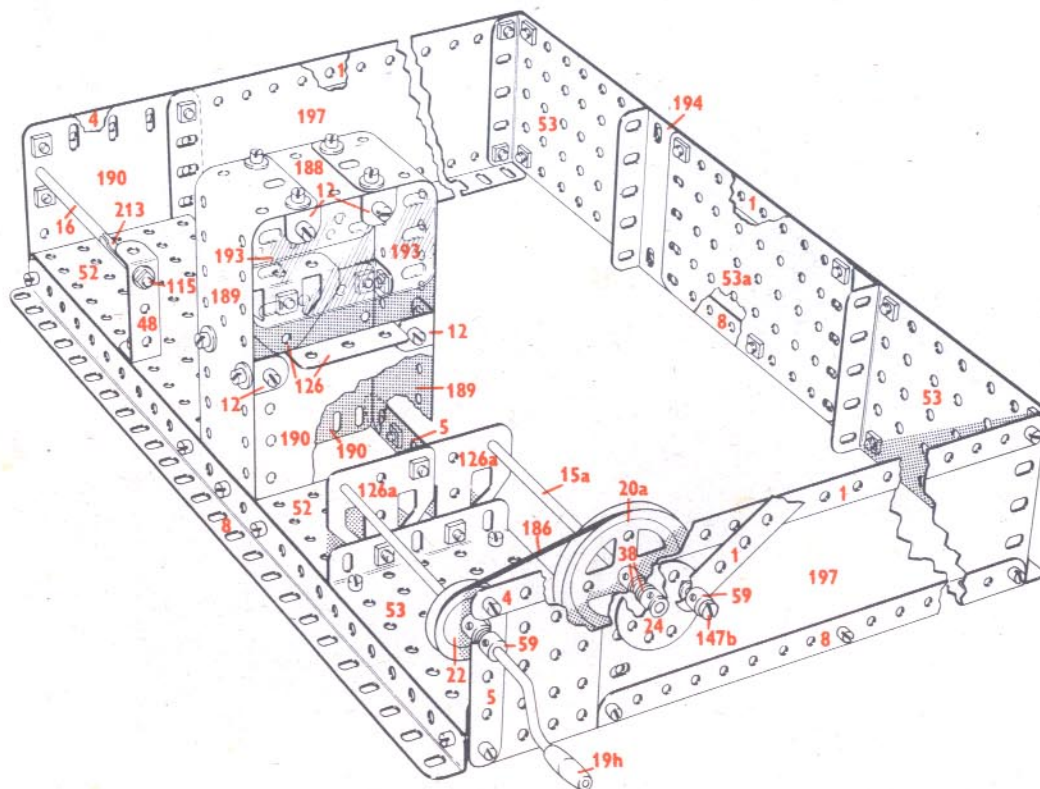
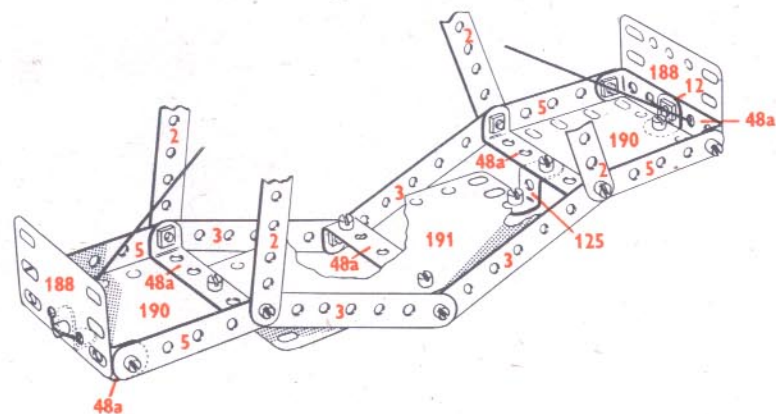
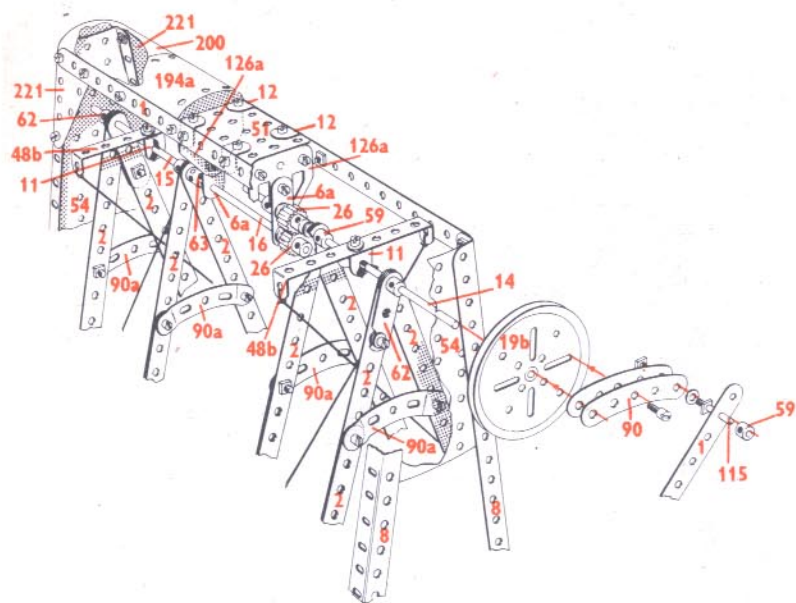


7.13 Swing Boats/Columpios/Balanços Mecânicos
Gungbåtar/Gyngebåter

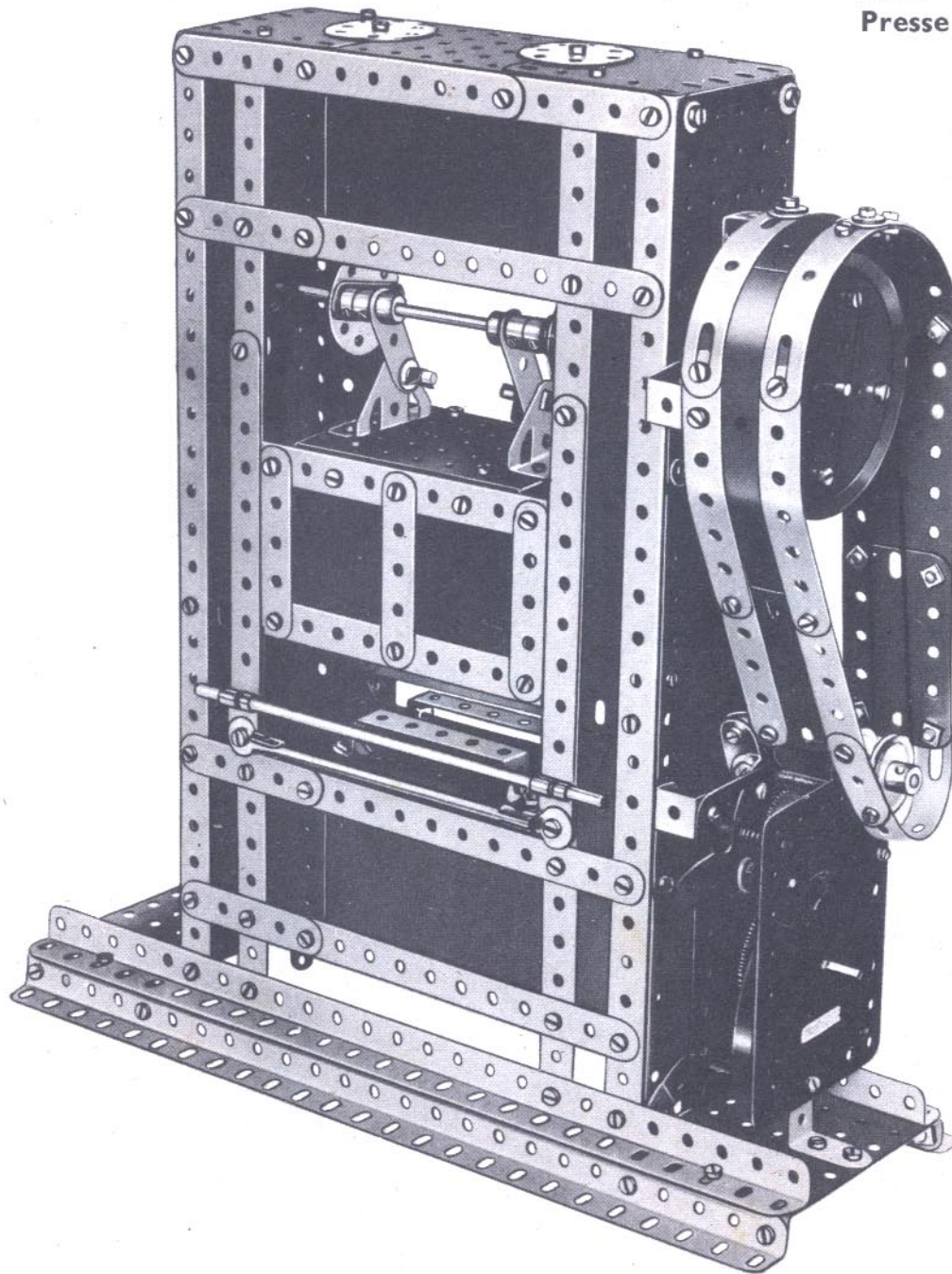


7.13

12	-	1	2	-	52
16	-	2	3	-	53
6	-	3	2	-	53a
2	-	4	2	-	54
13	-	5	6	-	59
4	-	6a	2	-	62
8	-	8	1	-	63
2	-	11	2	-	90
16	-	12	4	-	90a
1	-	14	2	-	99
1	-	15	2	-	115
1	-	15a	4	-	125
2	-	16	2	-	126
1	-	19b	4	-	126a
1	-	19h	1	-	147b
1	-	20a	1	-	186a
1	-	20b	5	-	188
1	-	22	2	-	189
1	-	24	7	-	190
2	-	26	2	-	191
4	-	35	2	-	193
177	-	37a	2	-	194
177	-	37b	2	-	194a
24	-	38	2	-	197
1	-	40	1	-	199
1	-	48	1	-	200
10	-	48a	1	-	213
2	-	48b	4	-	221
1	-	51			

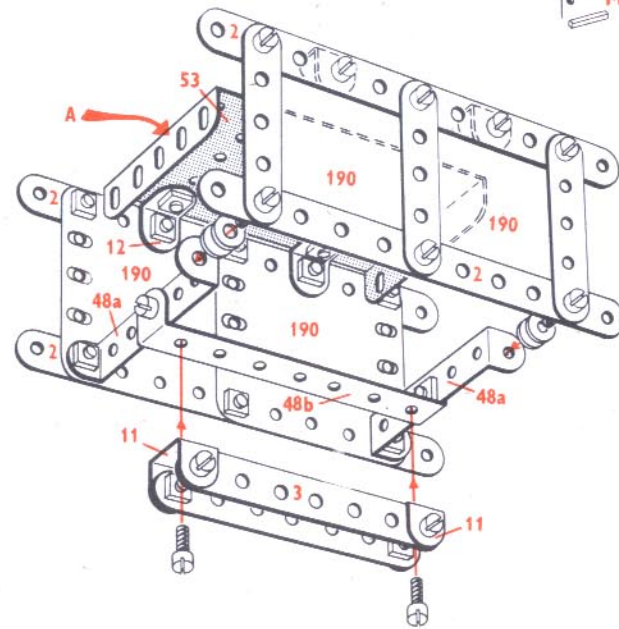
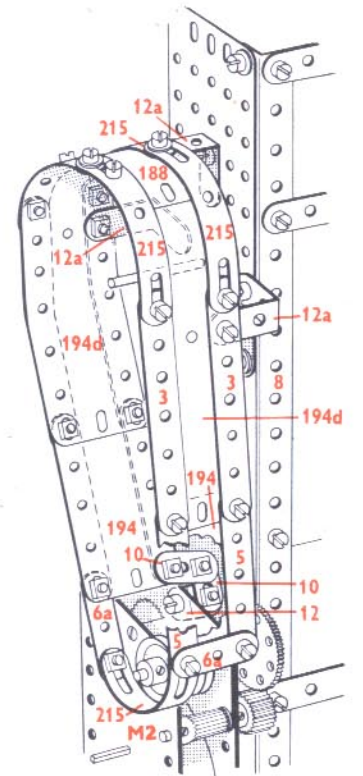
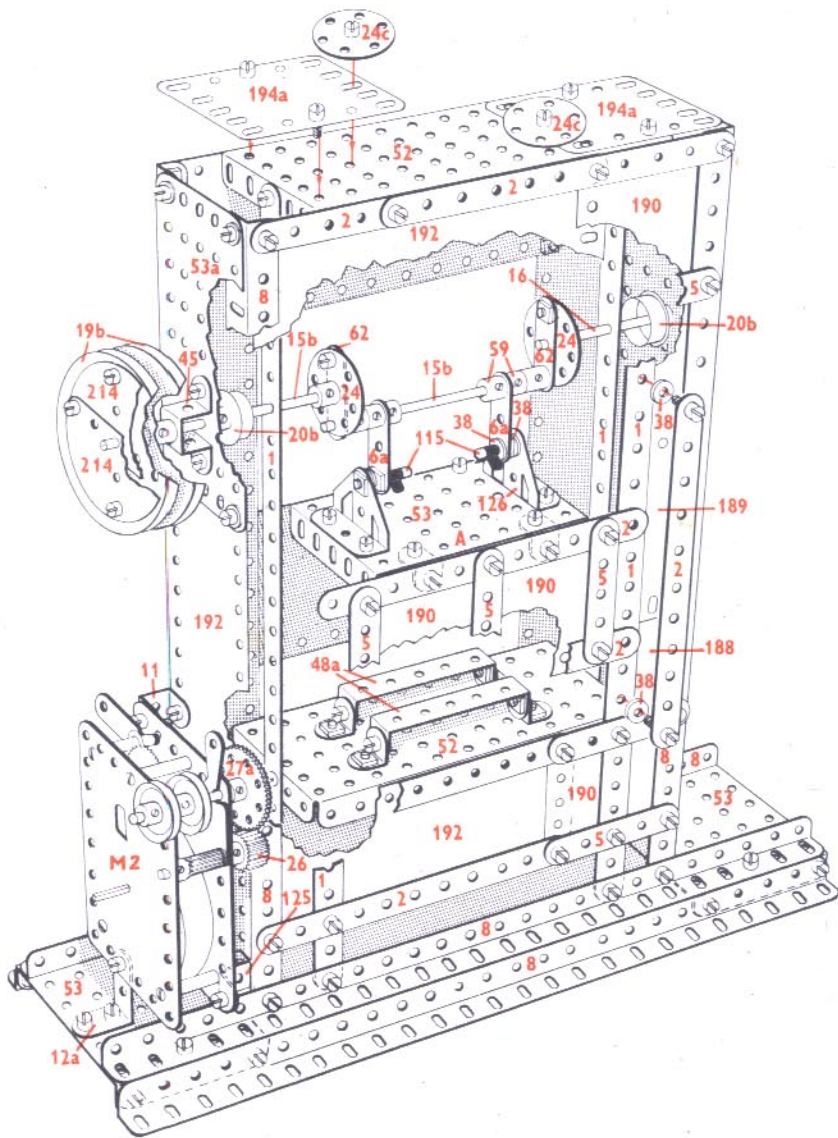


7.14 Power Press/Prensa Automática/Prensa Automática
Press
Presse



7.14

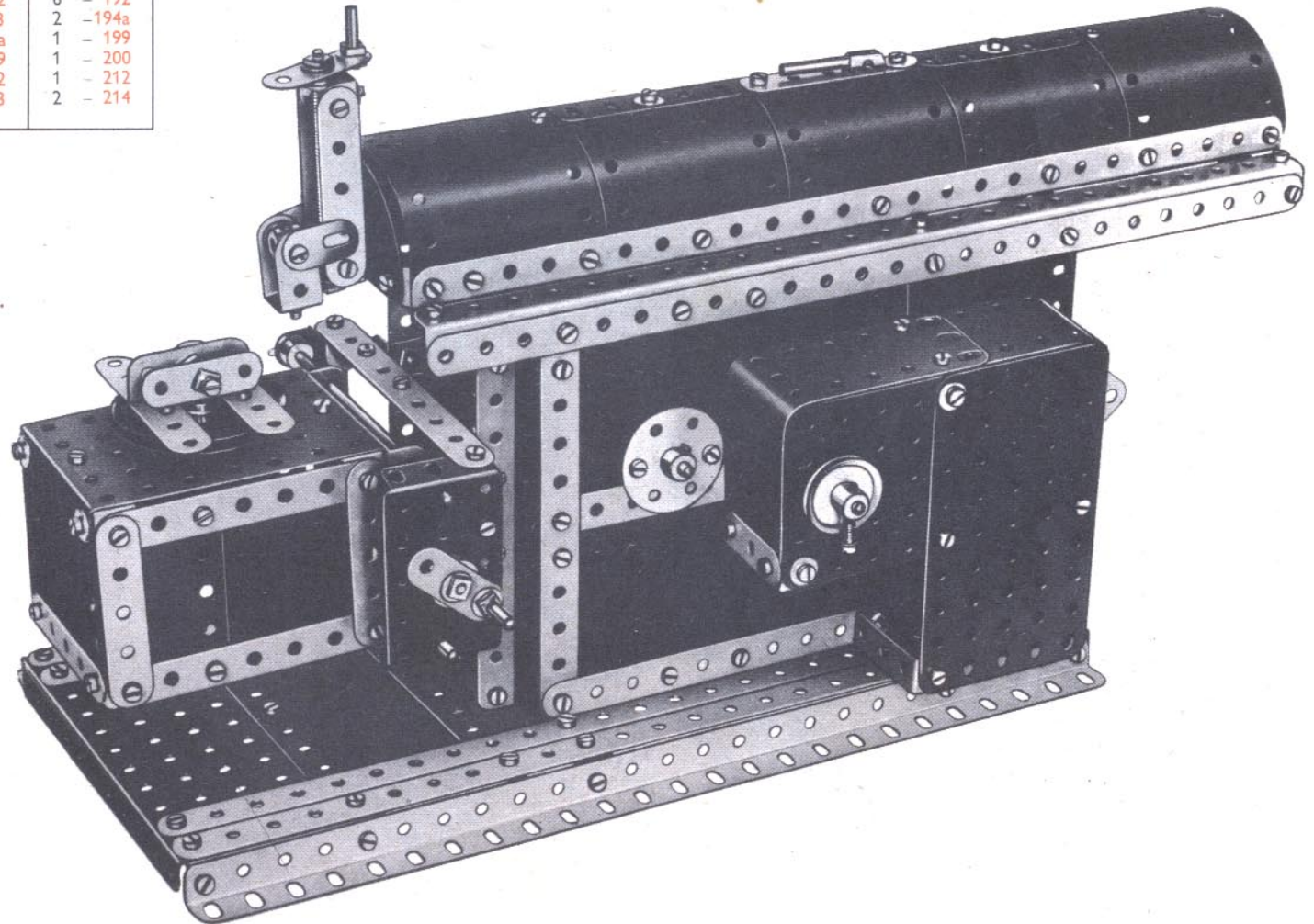
6	-	1	1	-	45
18	-	2	4	-	48a
6	-	3	1	-	48b
2	-	4	2	-	52
14	-	5	3	-	53
4	-	6a	2	-	53a
8	-	8	5	-	59
2	-	10	2	-	62
3	-	11	2	-	90a
9	-	12	2	-	111a
4	-	12a	4	-	111c
1	-	14	2	-	115
2	-	15a	1	-	125
1	-	15b	2	-	126
1	-	16	2	-	186b
1	-	17	5	-	188
2	-	19b	4	-	189
2	-	20b	8	-	190
2	-	22	2	-	191
2	-	24	6	-	192
2	-	24c	2	-	194
1	-	26	2	-	194a
1	-	27a	2	-	194d
2	-	35	2	-	212
181	-	37a	2	-	212a
175	-	37b	2	-	214
34	-	38	5	-	215

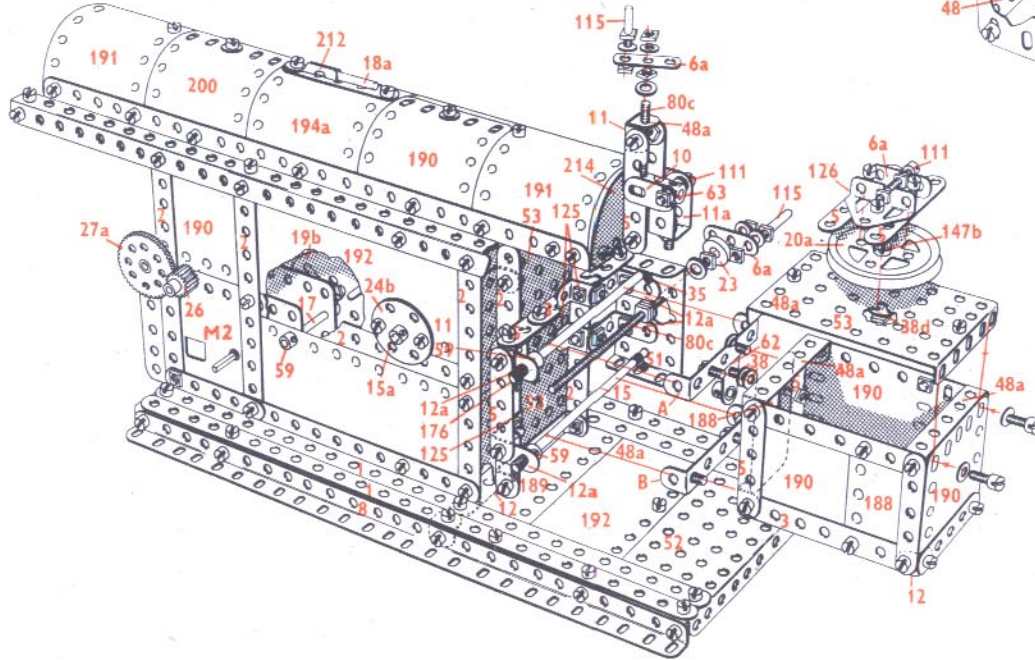
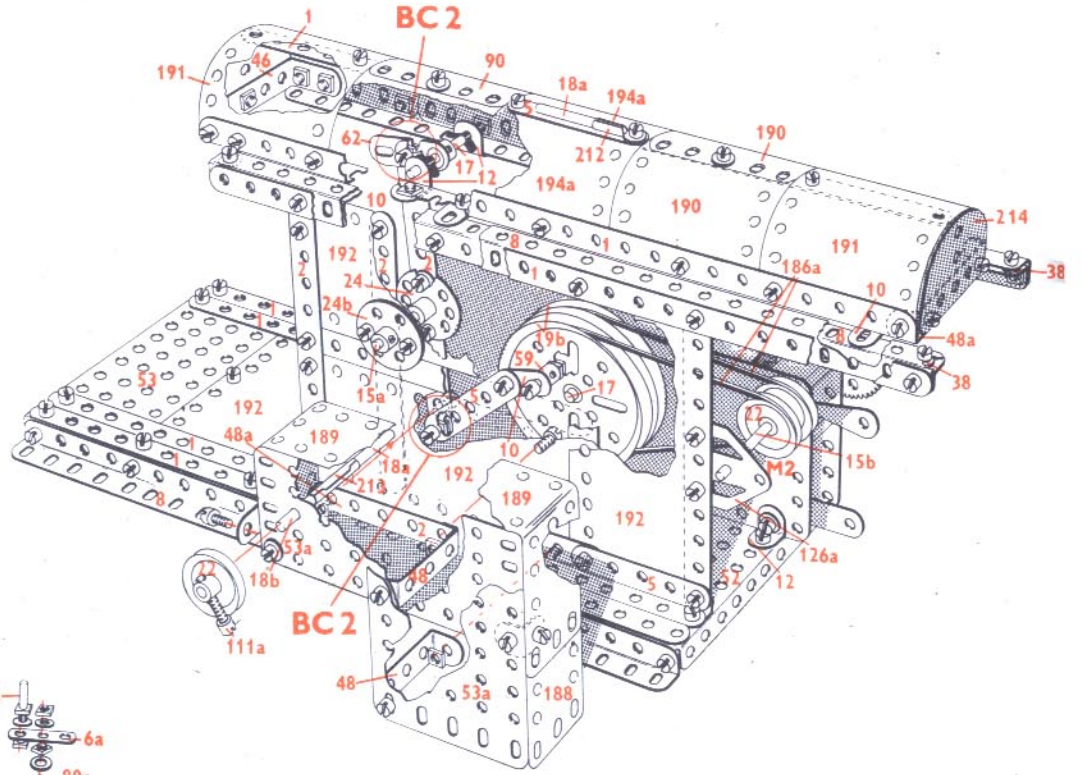
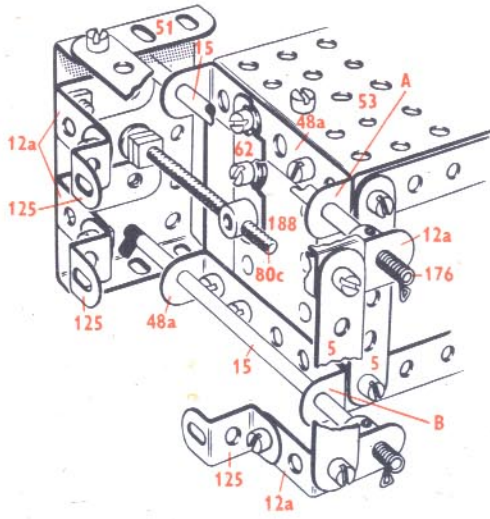


7.15 Shaping Machine
Máquina de Tallar
Mâquina de Talhar
Fräsmaskin
Slipemaskin

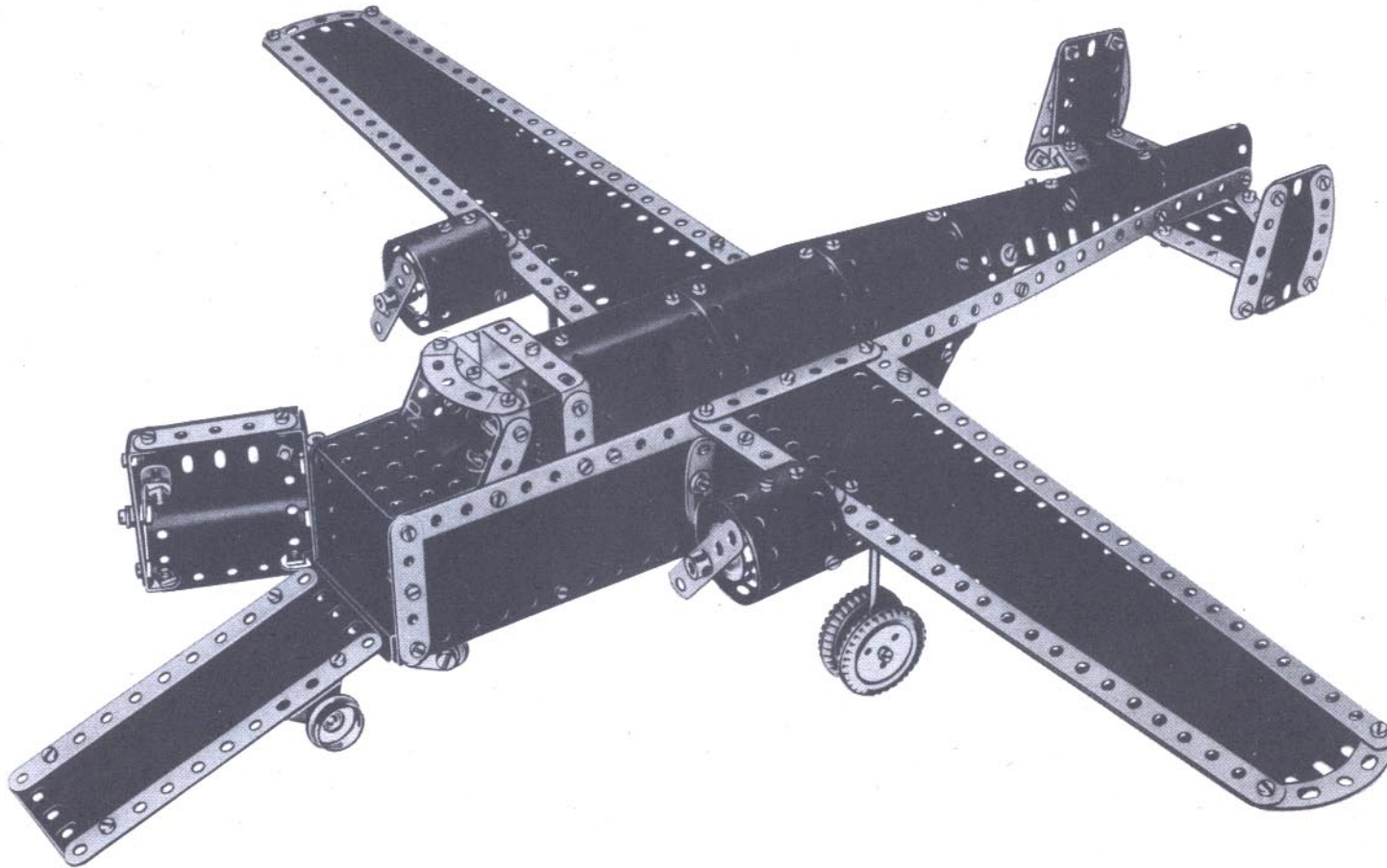
7.15

7	-	1	3	-	22	2	-	80c
17	-	2	1	-	23	2	-	111
6	-	3	1	-	24	2	-	111a
2	-	4	2	-	24c	2	-	111c
13	-	5	1	-	26	2	-	115
4	-	6a	1	-	27a	4	-	125
8	-	8	4	-	35	1	-	126
8	-	10	197	-	37a	1	-	126a
3	-	11	175	-	37b	2	-	176
1	-	11a	34	-	38	2	-	186c
17	-	12	1	-	38d	4	-	188
4	-	12a	2	-	48	3	-	189
2	-	15	11	-	48a	6	-	190
1	-	15a	1	-	51	2	-	191
1	-	15b	2	-	52	6	-	192
2	-	17	3	-	53	2	-	194a
2	-	18a	2	-	53a	1	-	199
1	-	18b	6	-	59	1	-	200
2	-	19b	2	-	62	1	-	212
1	-	20a	1	-	63	2	-	214



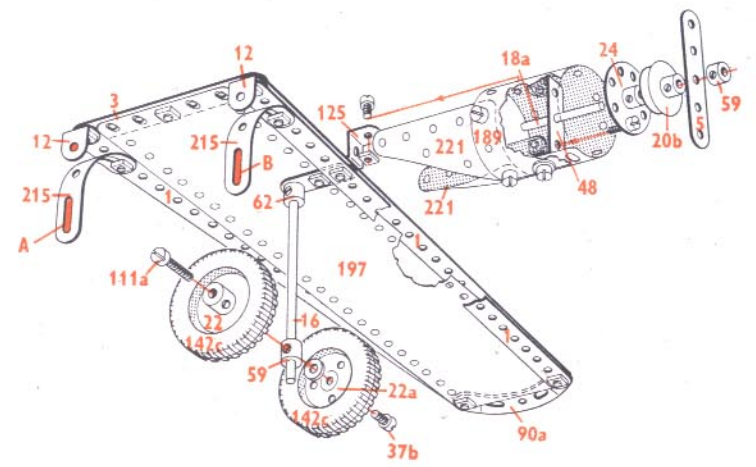
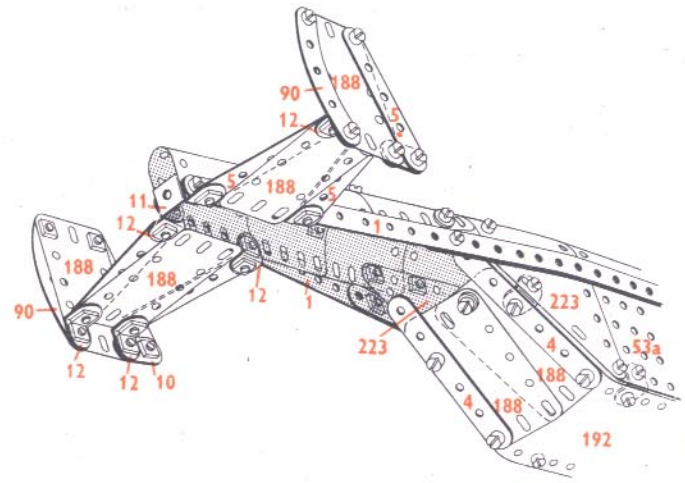
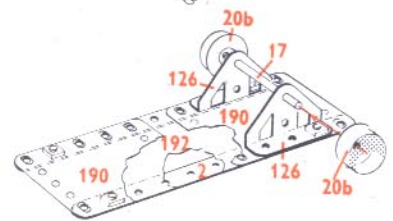
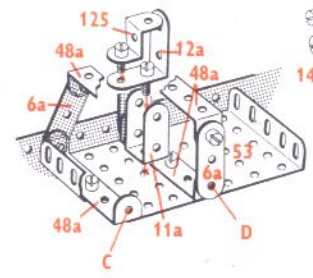
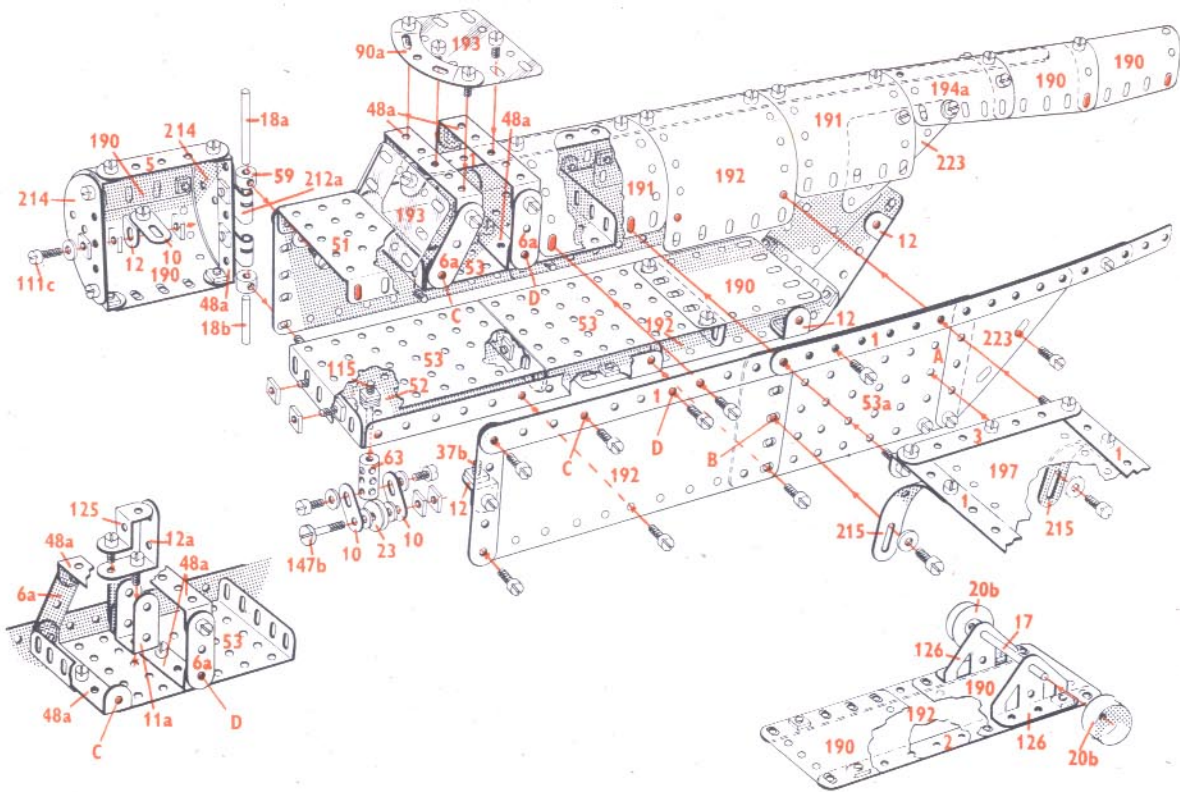


7.16 Transport Plane/Avión Transportador
 Avião Transportador/Transportplan
 Transportfly

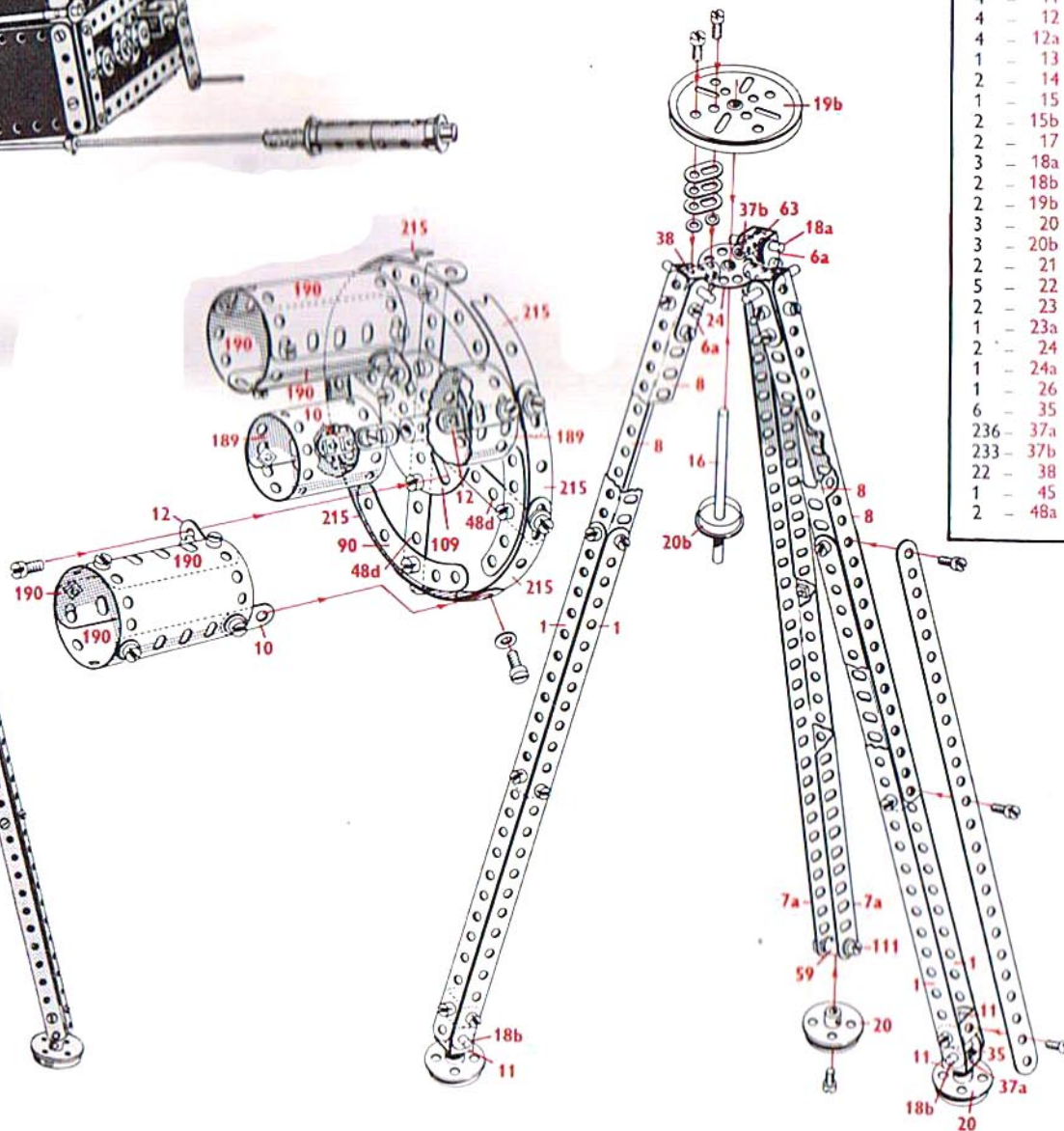
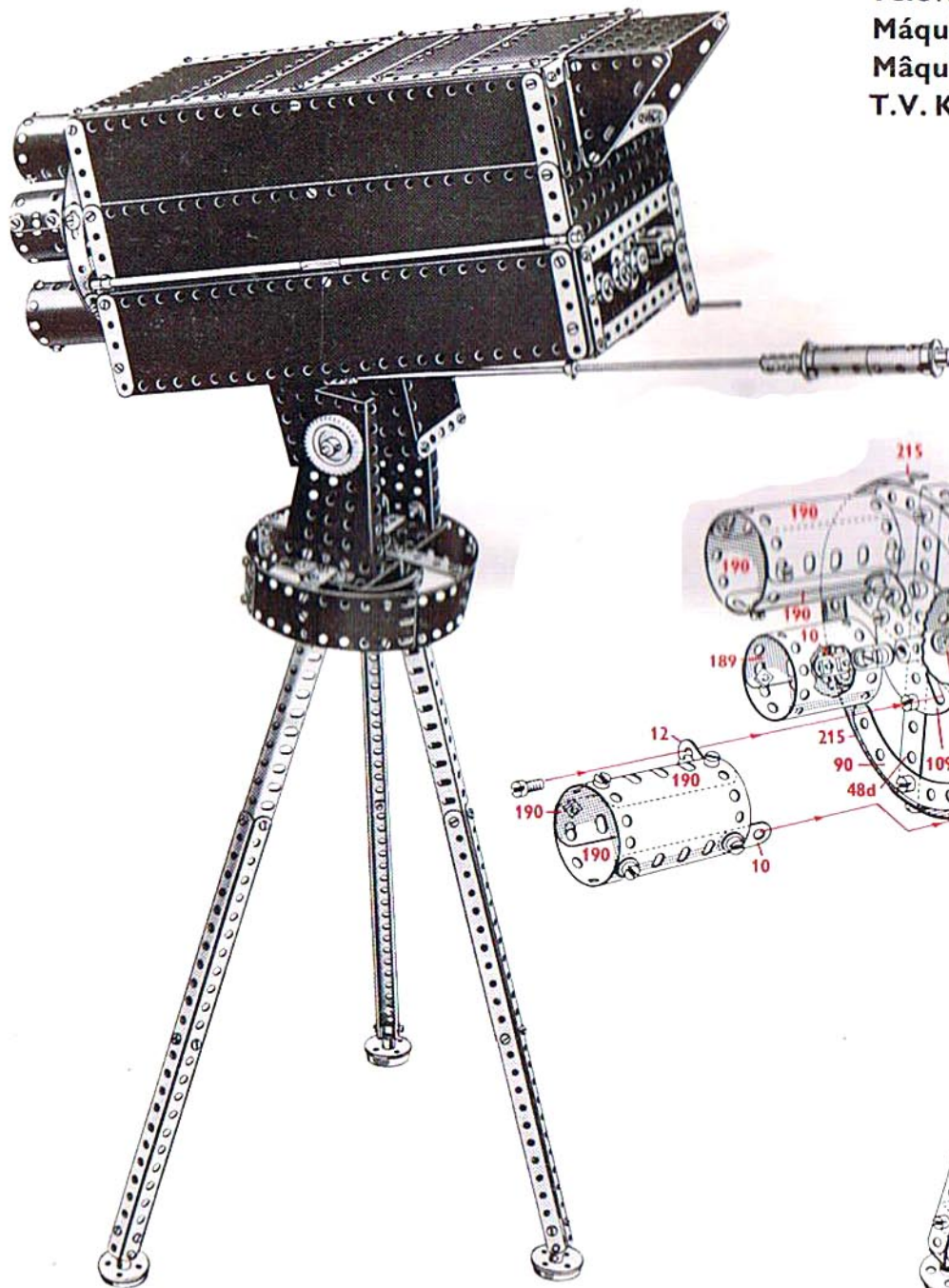


7.16

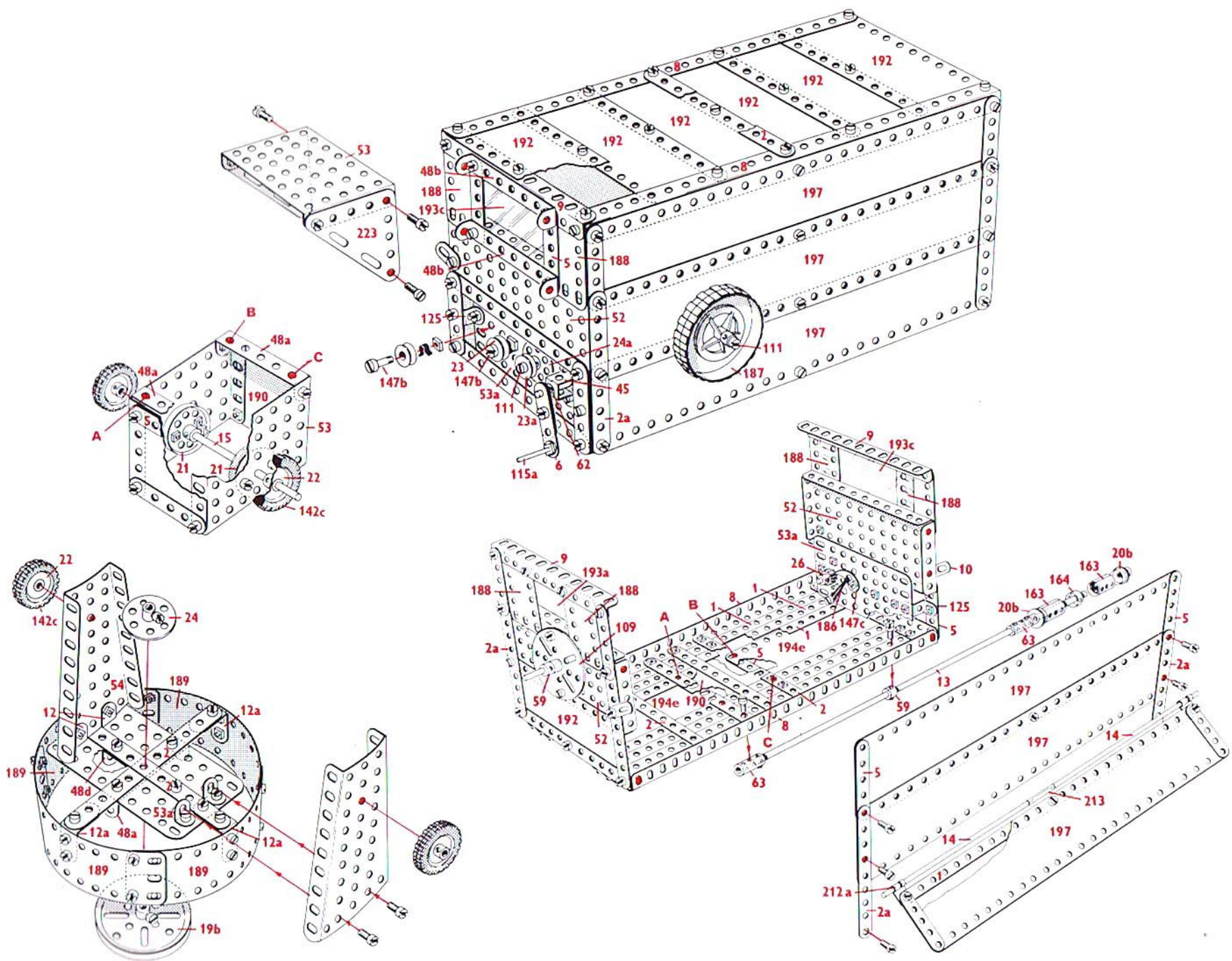
11 - 1	2 - 53a
2 - 2	4 - 59
2 - 3	2 - 62
2 - 4	1 - 63
12 - 5	2 - 90
4 - 6a	3 - 90a
5 - 10	2 - 111a
1 - 11	1 - 111c
1 - 11a	1 - 115
18 - 12	3 - 125
1 - 12a	2 - 126
1 - 12c	4 - 142c
2 - 16	1 - 147b
1 - 17	6 - 188
3 - 18a	2 - 189
1 - 18b	7 - 190
4 - 20b	1 - 191
2 - 22	6 - 192
2 - 22a	2 - 193
1 - 23	1 - 194a
2 - 24a	2 - 197
155 - 37a	2 - 212a
156 - 37b	2 - 214
20 - 38	4 - 215
2 - 48	4 - 221
6 - 48a	2 - 222
1 - 51	2 - 223
1 - 52	
3 - 53	



**8.1 Television Camera/T.V. Camera/Caméra de Télévision/Telecamera/Fernsehkamera
Televisionskamera
Máquina Fotográfica de Televisión
Máquina de Photographar de Televisão
T.V. Kamera**



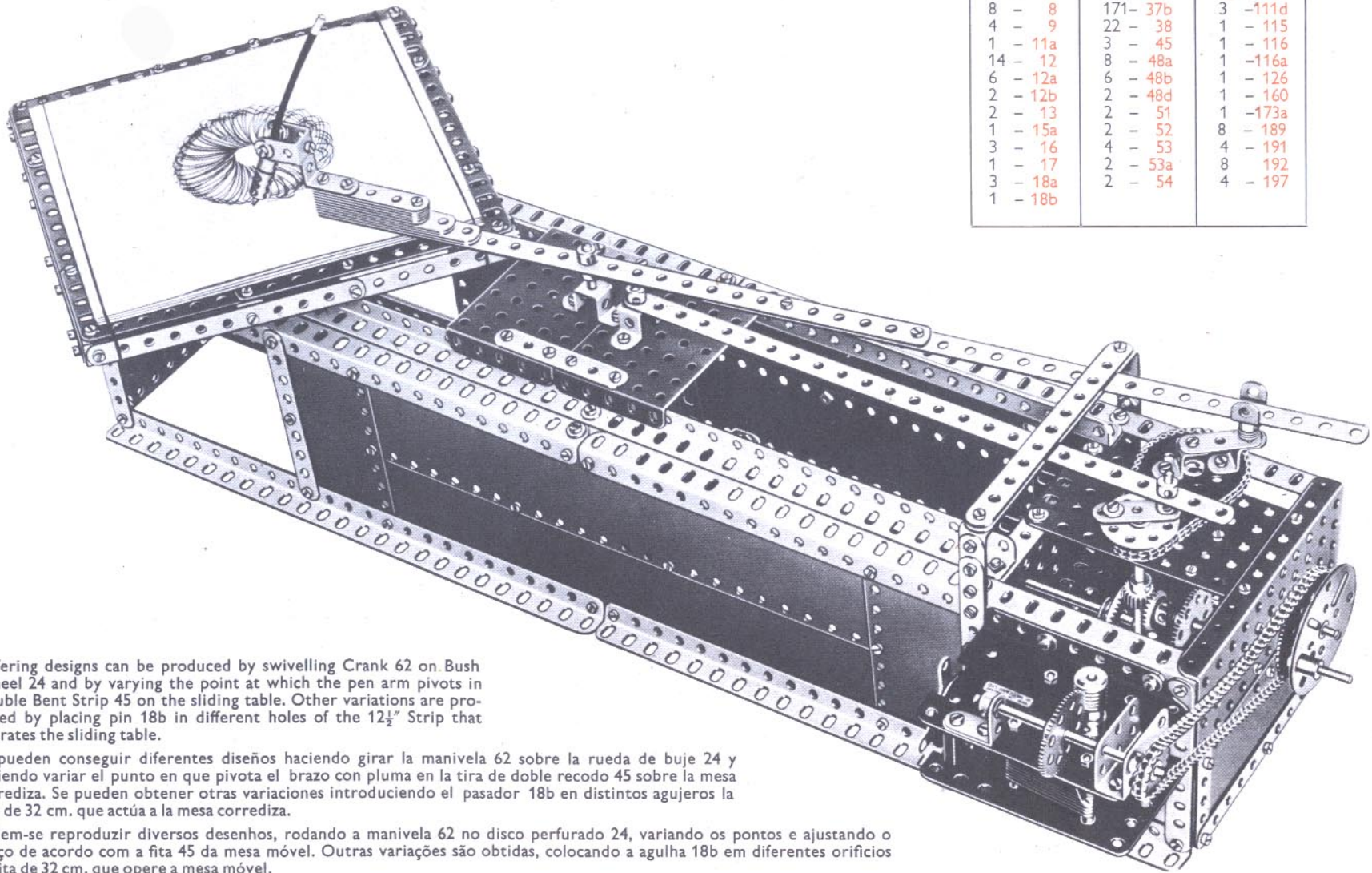
13	-	1	2	-	48b
8	-	2	2	-	48d
6	-	2a	2	-	52
17	-	5	3	-	53
1	-	6	2	-	53a
6	-	6a	2	-	54
2	-	7a	2	-	59
8	-	8	1	-	62
4	-	9	5	-	63
15	-	10	4	-	90
4	-	11	2	-	109
4	-	12	1	-	111
4	-	12a	3	-	111a
1	-	13	1	-	111c
2	-	14	2	-	111d
1	-	15	1	-	115a
2	-	15b	2	-	125
2	-	17	4	-	142c
3	-	18a	2	-	147b
2	-	18b	1	-	147c
2	-	19b	2	-	163
3	-	20	1	-	164
3	-	20b	1	-	186
2	-	21	1	-	187
5	-	22	4	-	188
2	-	23	6	-	189
1	-	23a	8	-	190
2	-	24	7	-	192
1	-	24a	1	-	193c
1	-	26	1	-	194e
6	-	35	2	-	196
236	-	37a	6	-	197
233	-	37b	2	-	212
22	-	38	1	-	213
1	-	45	8	-	215
2	-	48a	2	-	223



**8.2 Meccanograph
Meccanoligrafo
Meccanógrafo
Meccanograf**

8.2

4 - 1	2 - 24	10 - 59
18 - 2	3 - 26	1 - 62
6 - 2a	2 - 27a	2 - 63
6 - 3	1 - 28	1 - 94
6 - 4	1 - 29	2 - 95
16 - 5	2 - 32	2 - 96
3 - 6a	2 - 35	2 - 109
2 - 7a	179 - 37a	3 - 111a
8 - 8	171 - 37b	3 - 111d
4 - 9	22 - 38	1 - 115
1 - 11a	3 - 45	1 - 116
14 - 12	8 - 48a	1 - 116a
6 - 12a	6 - 48b	1 - 126
2 - 12b	2 - 48d	1 - 160
2 - 13	2 - 51	1 - 173a
1 - 15a	2 - 52	8 - 189
3 - 16	4 - 53	4 - 191
1 - 17	2 - 53a	8 - 192
3 - 18a	2 - 54	4 - 197
1 - 18b		



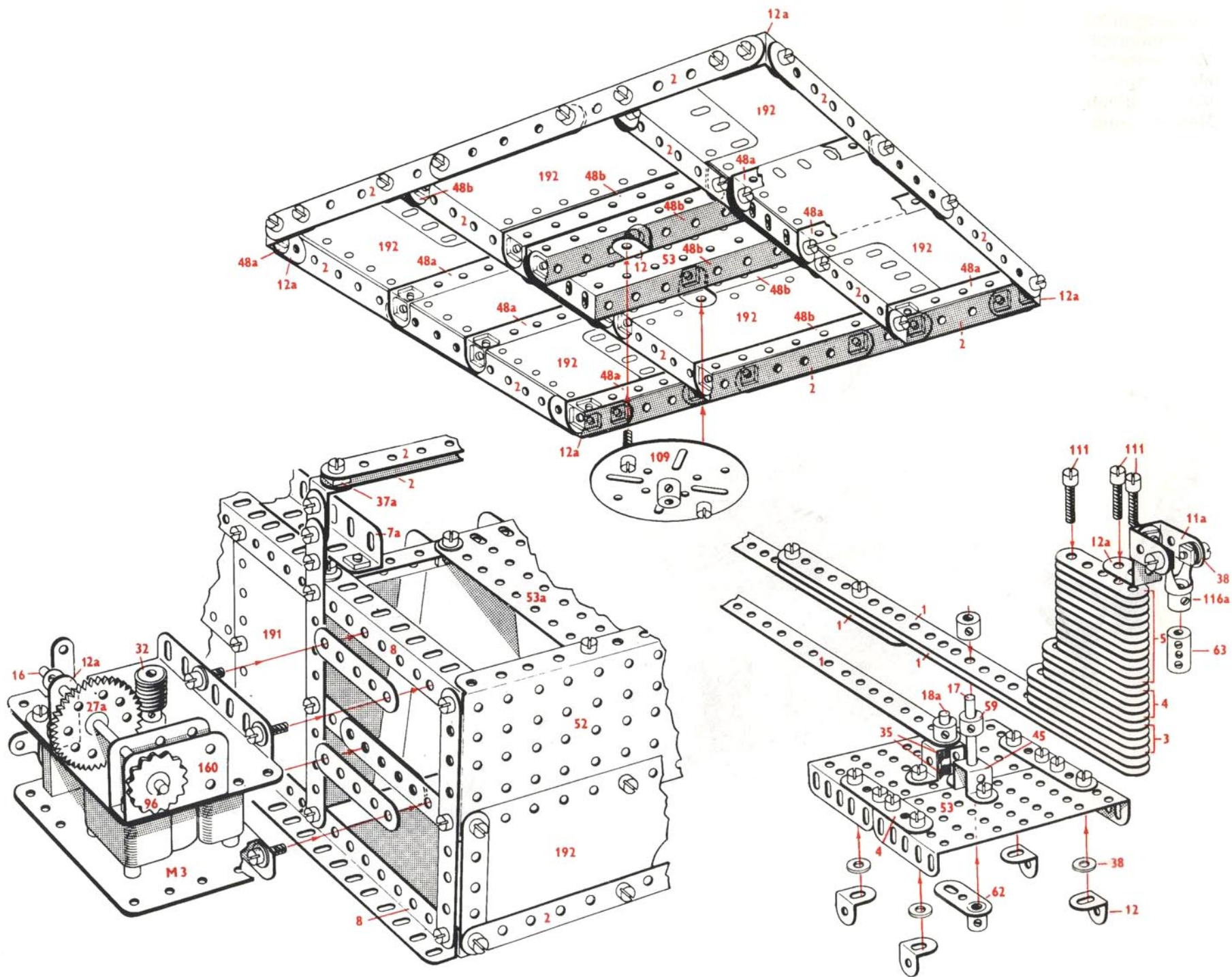
Differing designs can be produced by swivelling Crank 62 on Bush Wheel 24 and by varying the point at which the pen arm pivots on Double Bent Strip 45 on the sliding table. Other variations are produced by placing pin 18b in different holes of the 12½" Strip that operates the sliding table.

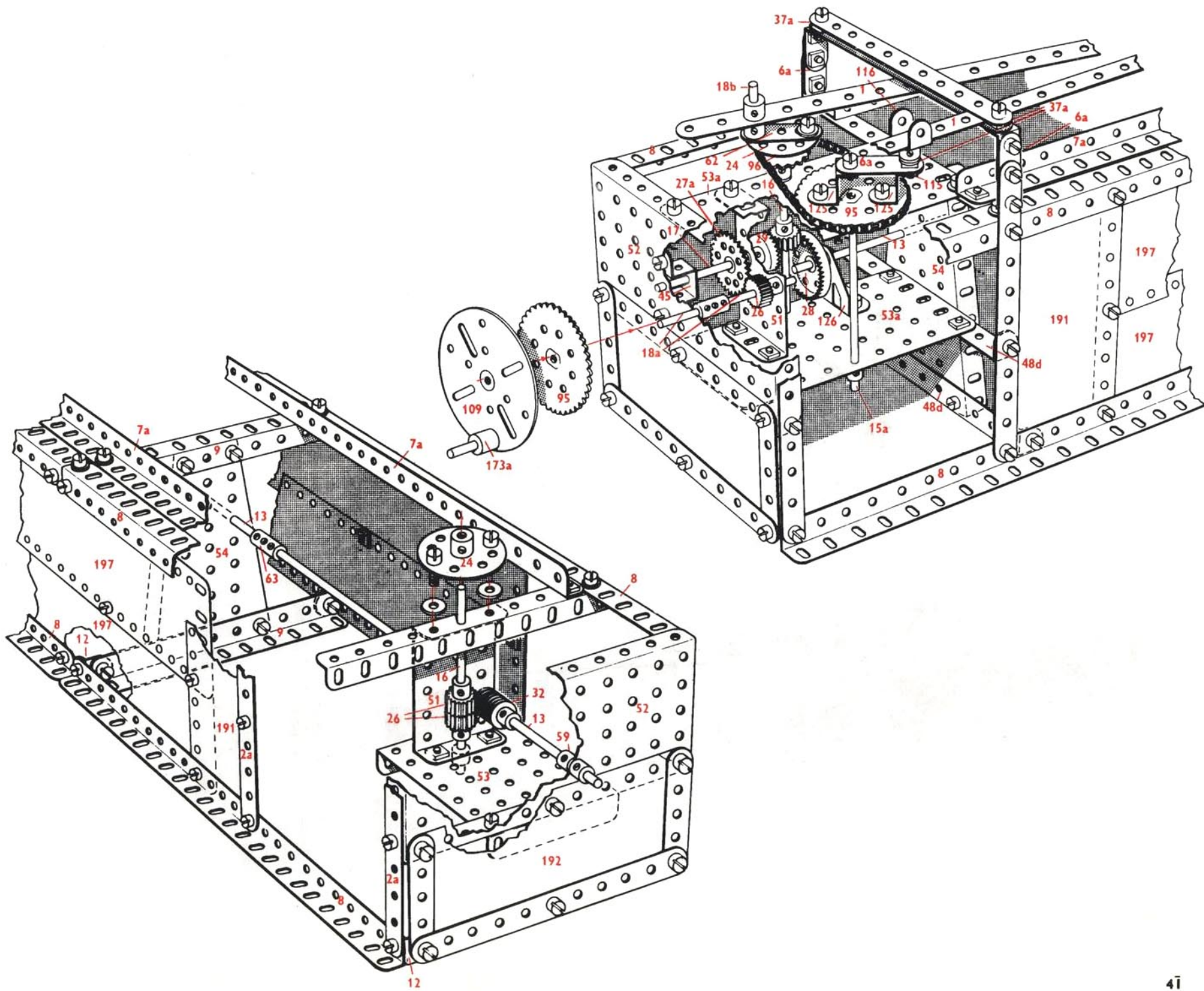
Se pueden conseguir diferentes diseños haciendo girar la manivela 62 sobre la rueda de buje 24 y haciendo variar el punto en que pivota el brazo con pluma en la tira de doble recodo 45 sobre la mesa corrediza. Se pueden obtener otras variaciones introduciendo el pasador 18b en distintos agujeros la tira de 32 cm. que actúa a la mesa corrediza.

Podem-se reproduzir diversos desenhos, rodando a manivela 62 no disco perfurado 24, variando os pontos e ajustando o braço de acordo com a fita 45 da mesa móvel. Outras variações são obtidas, colocando a agulha 18b em diferentes orifícios na fita de 32 cm. que opera a mesa corrediza.

Man kan åstadkomma olika mönster genom att svänga den på centerskivan 24 monterade vevarmen 62 och genom att variera den punkt, genom vilken pennan roterar i dubbelböckade remsan nr 45 på glidbordet. Andra variationer får man genom att placera tappen 18b i olika hål på remsa nr 1, som påverkar glidbordet.

Man kan lage forskjellige designs med Sveiv 62 på Bush Wheel 24, og ved å variere festepunktet for armen som svinger om Double Bent Strip 45 på glidebanen. Andre variasjoner kan lages ved å feste pinne 18b i forskjellige hull i remse 12½" som setter glidebanen i funksjon.



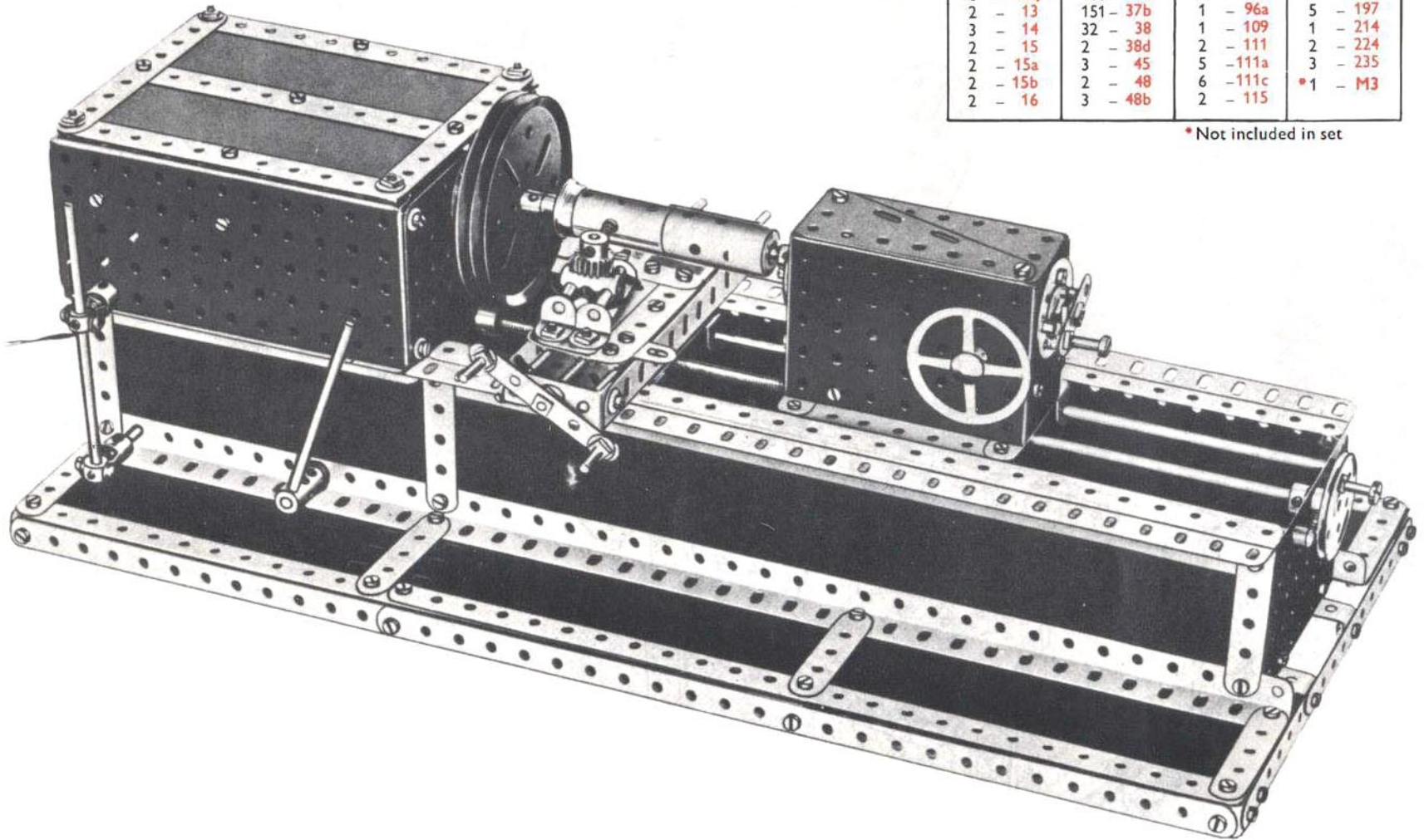


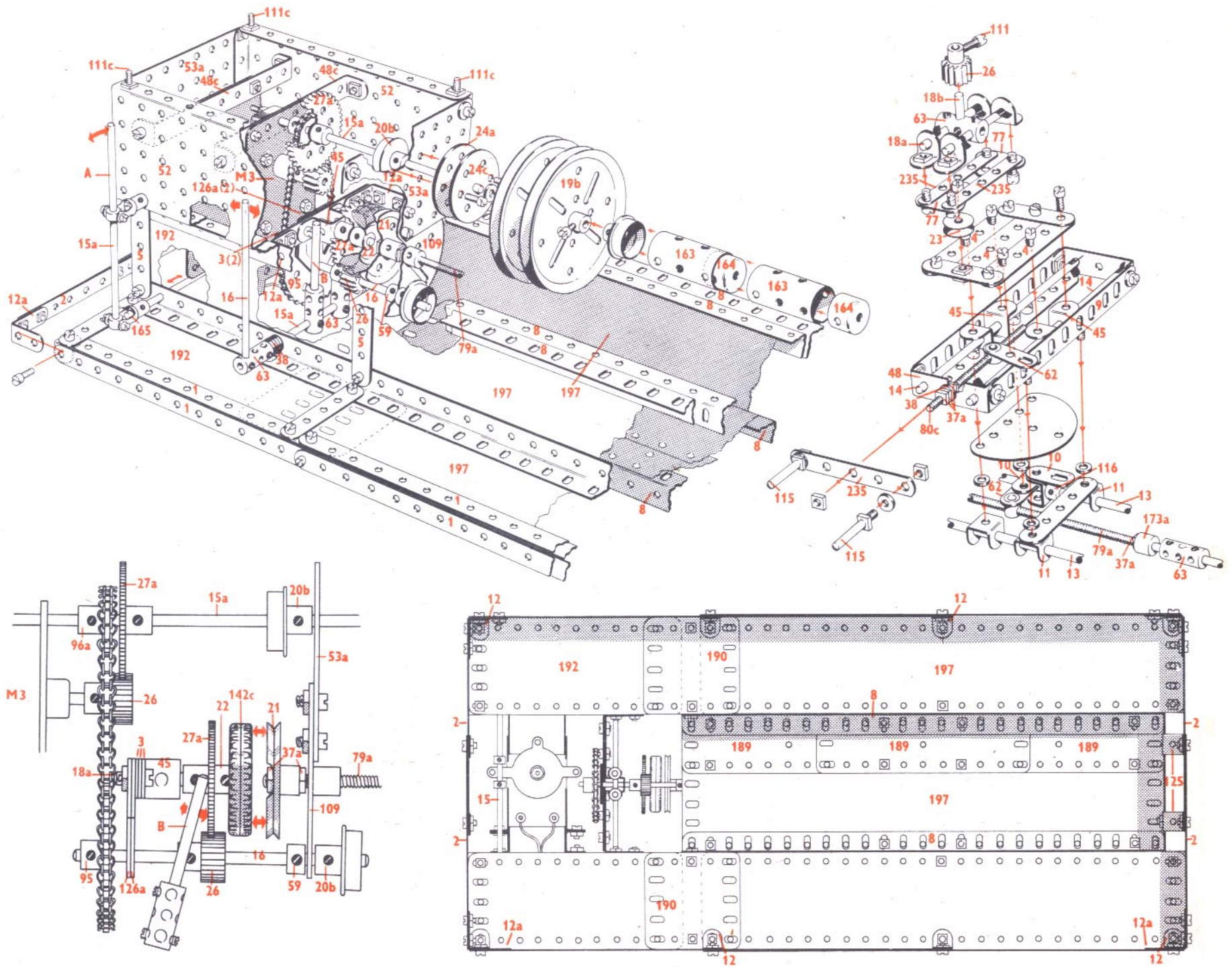
8.3 Tour
Tower
Toren
Torre
Turm
Torre

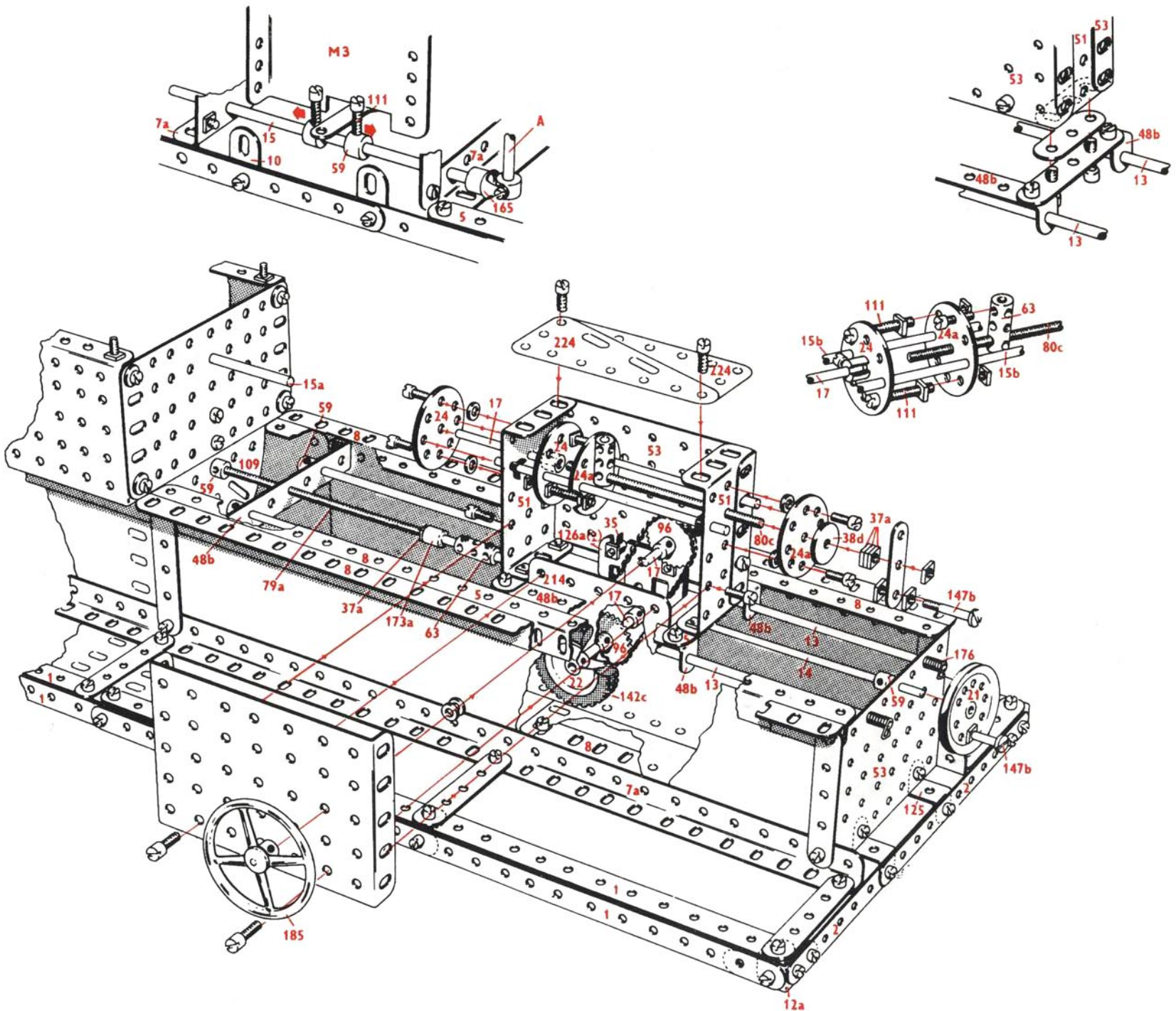
8.3

8 - 1	5 - 17	2 - 48c	1 - 116
7 - 2	3 - 18a	2 - 51	2 - 125
2 - 2a	2 - 19b	2 - 52	4 - 126a
2 - 3	3 - 20b	4 - 53	2 - 142c
3 - 4	2 - 21	2 - 53a	2 - 147b
17 - 5	2 - 22	7 - 59	2 - 163
5 - 6a	1 - 23	2 - 62	2 - 164
2 - 7a	2 - 24	6 - 63	2 - 165
6 - 8	2 - 24a	2 - 77	1 - 173a
4 - 9	2 - 24c	1 - 79a	2 - 176
5 - 10	3 - 26	2 - 80c	1 - 185
5 - 11	2 - 27a	1 - 94	3 - 189
12 - 12	14 - 35	1 - 95	4 - 190
6 - 12a	185 - 37a	2 - 96	6 - 192
2 - 13	151 - 37b	1 - 96a	5 - 197
3 - 14	32 - 38	1 - 109	1 - 214
2 - 15	2 - 38d	2 - 111	2 - 224
2 - 15a	3 - 45	5 - 111a	3 - 235
2 - 15b	2 - 48	6 - 111c	*1 - M3
2 - 16	3 - 48b	2 - 115	

* Not included in set



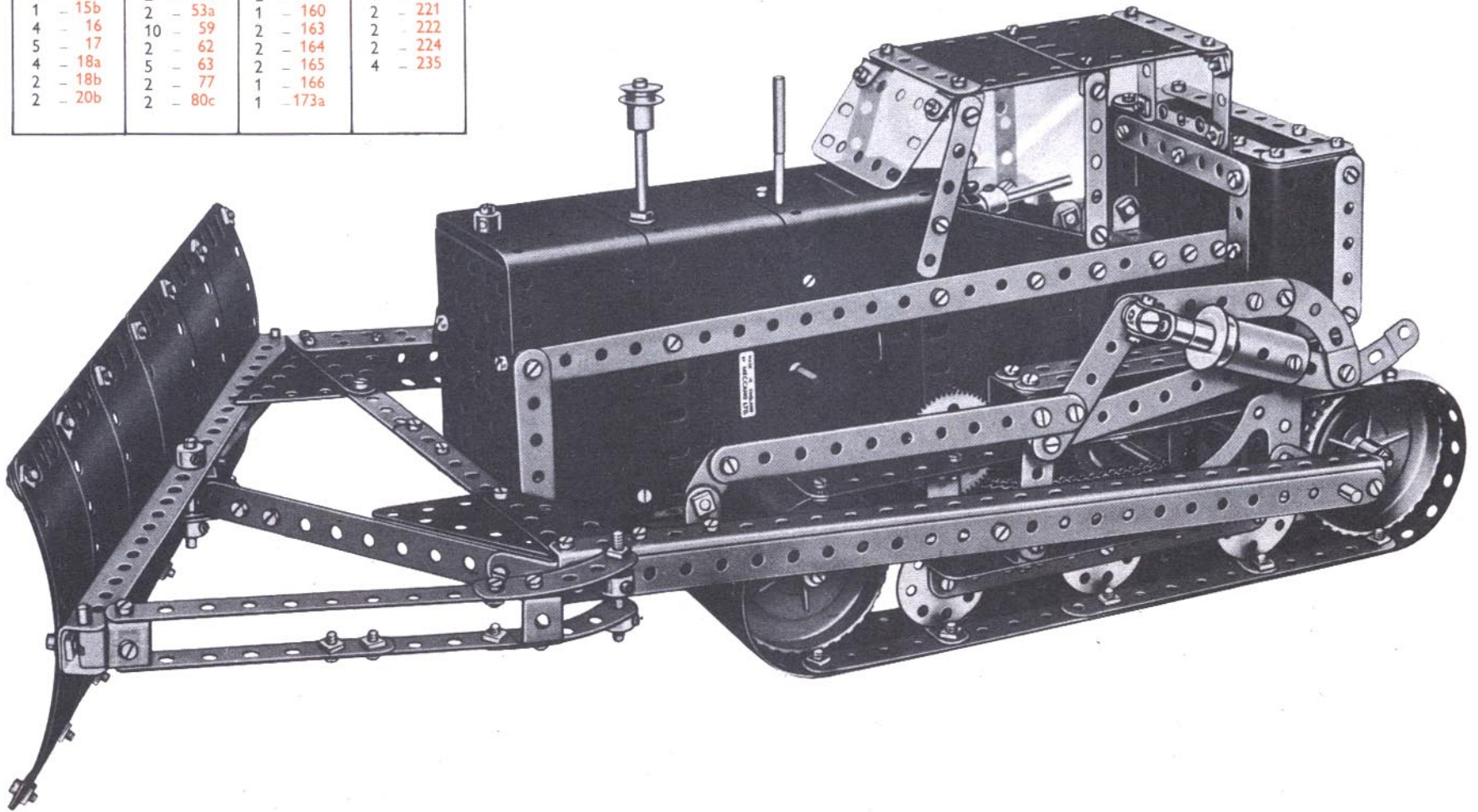


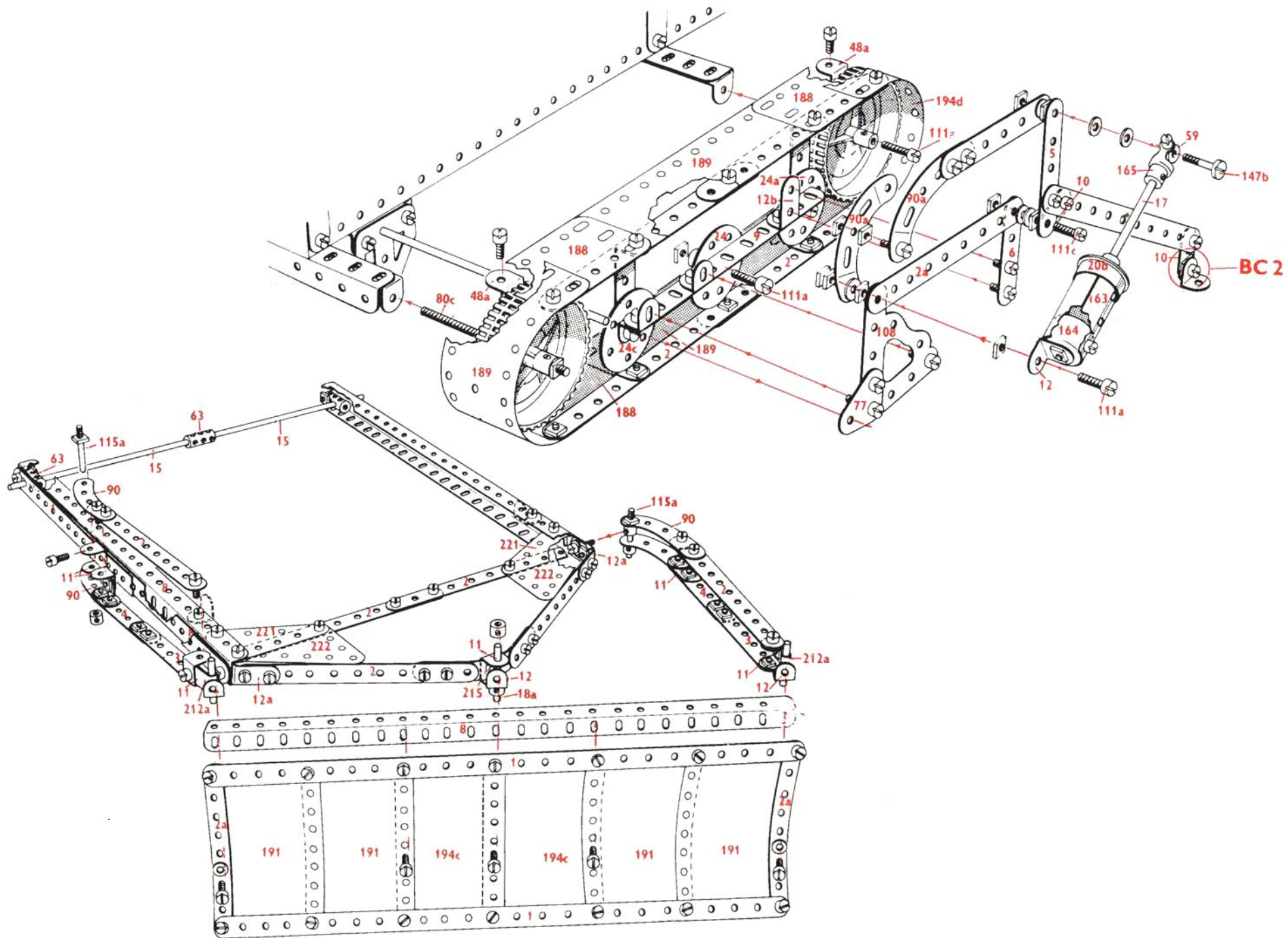


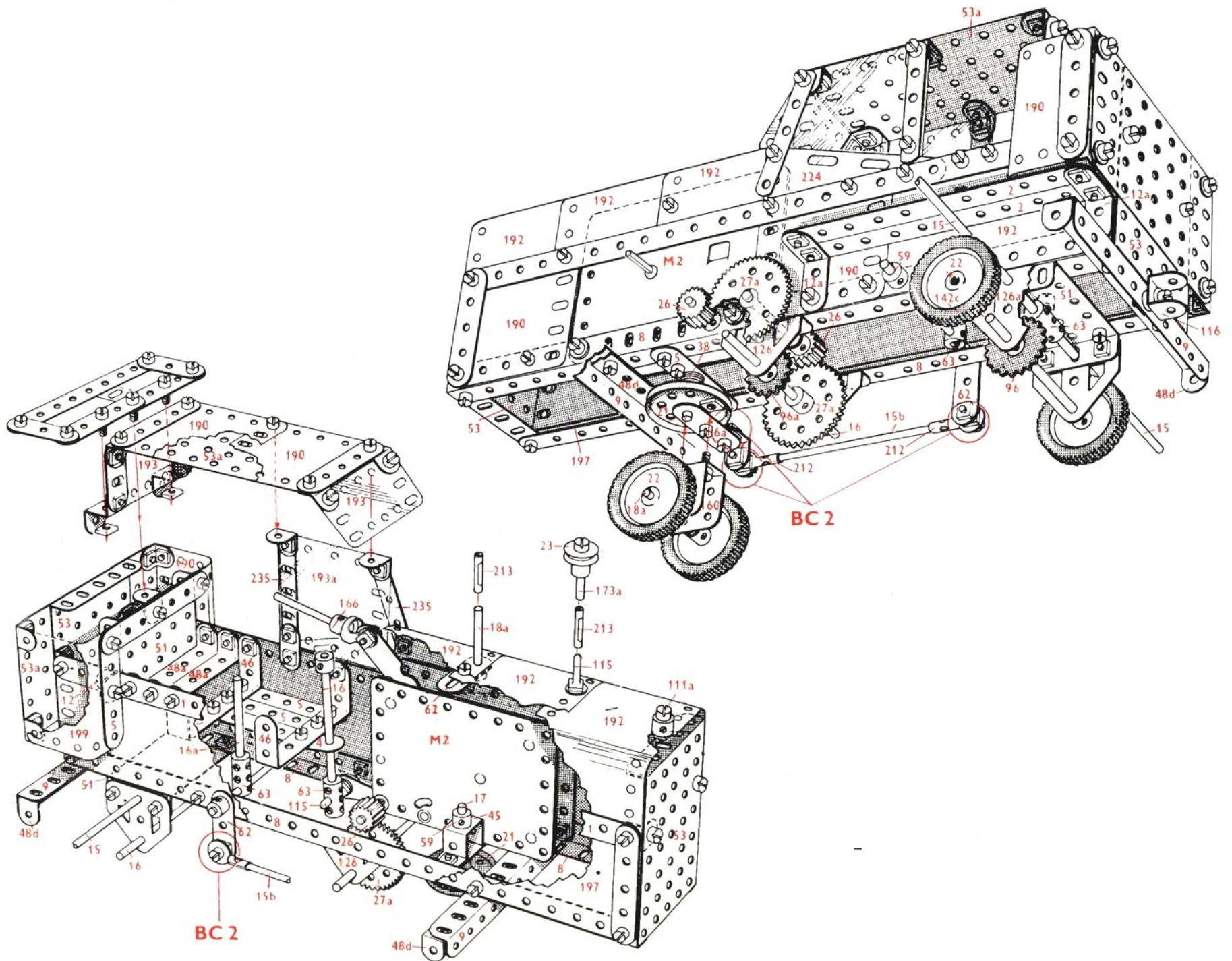
8.4 Bulldozer Nivelador

8.4

5 - 1	1 - 21	4 - 90	4 - 187
20 - 2	3 - 23	4 - 90a	8 - 188
6 - 2a	1 - 23a	1 - 94	6 - 189
3 - 3	2 - 24	1 - 96	6 - 190
5 - 4	2 - 24a	1 - 96a	4 - 191
16 - 5	2 - 24c	2 - 108	4 - 192
2 - 6	2 - 26	3 - 111	2 - 193
5 - 6a	2 - 27a	6 - 111a	2 - 193a
7 - 8	267 - 37a	3 - 111c	2 - 194
3 - 9	235 - 37b	2 - 115	2 - 194c
6 - 10	34 - 38	2 - 115a	2 - 194d
5 - 11	1 - 45	1 - 116	1 - 197
29 - 12	2 - 46	2 - 125	1 - 199
6 - 12a	10 - 48a	2 - 126	2 - 212
2 - 12b	2 - 48d	2 - 126a	2 - 212a
2 - 12c	2 - 51	4 - 142c	2 - 213
2 - 15	2 - 53	2 - 147b	1 - 215
1 - 15b	2 - 53a	1 - 160	2 - 221
4 - 16	10 - 59	2 - 163	2 - 222
5 - 17	2 - 62	2 - 164	2 - 224
4 - 18a	5 - 63	2 - 165	4 - 235
2 - 18b	2 - 77	1 - 166	
2 - 20b	2 - 80c	1 - 173a	



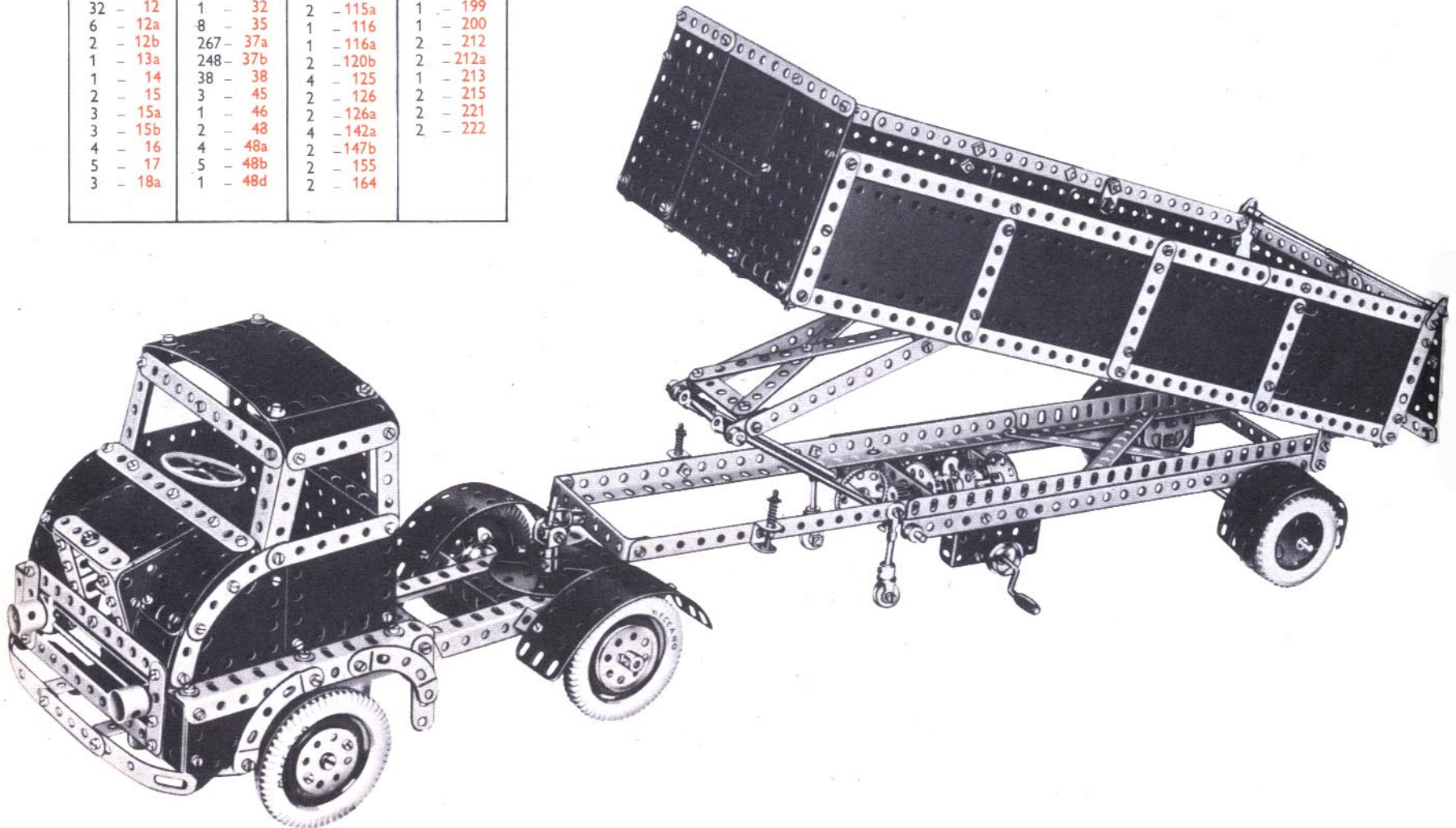


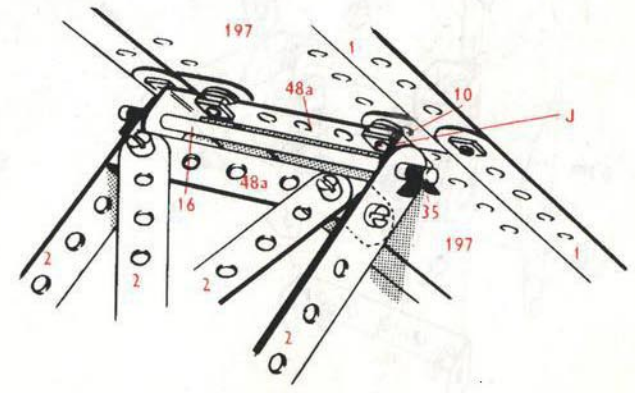
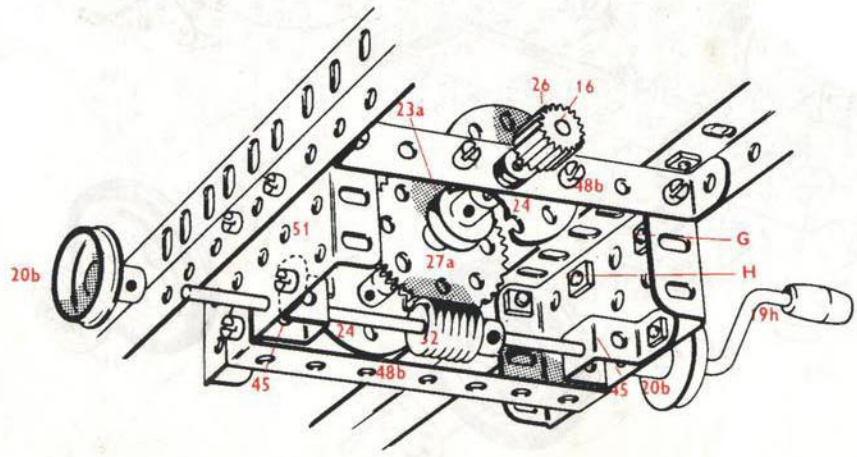
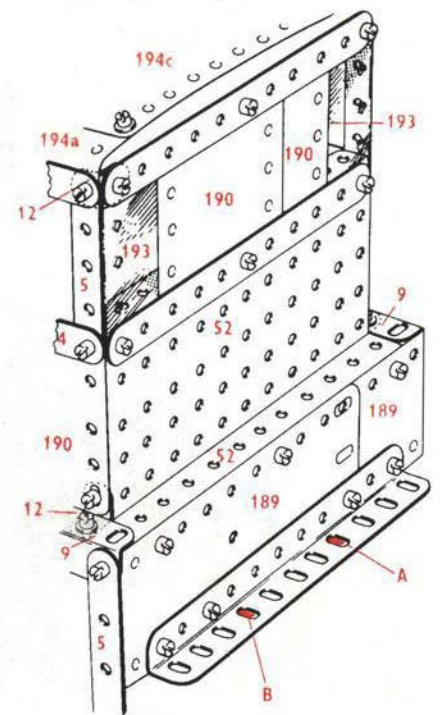
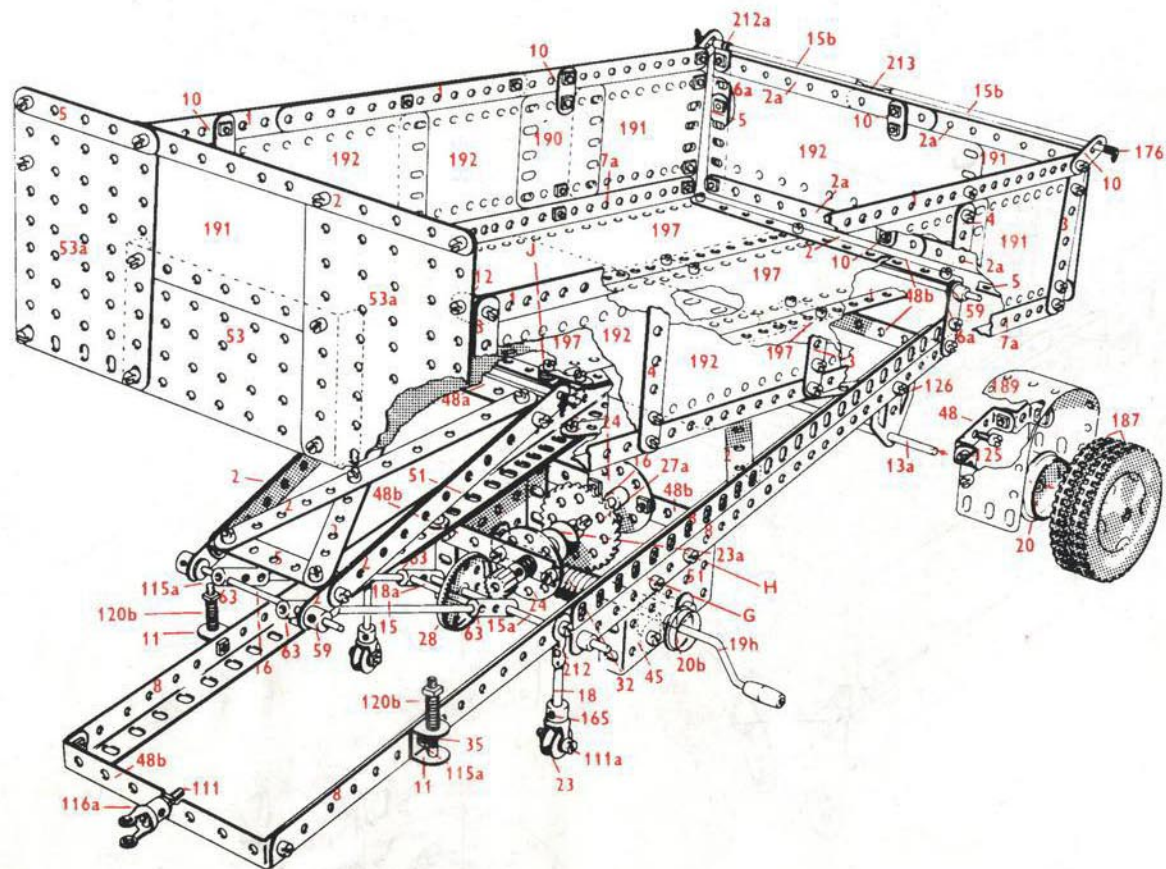


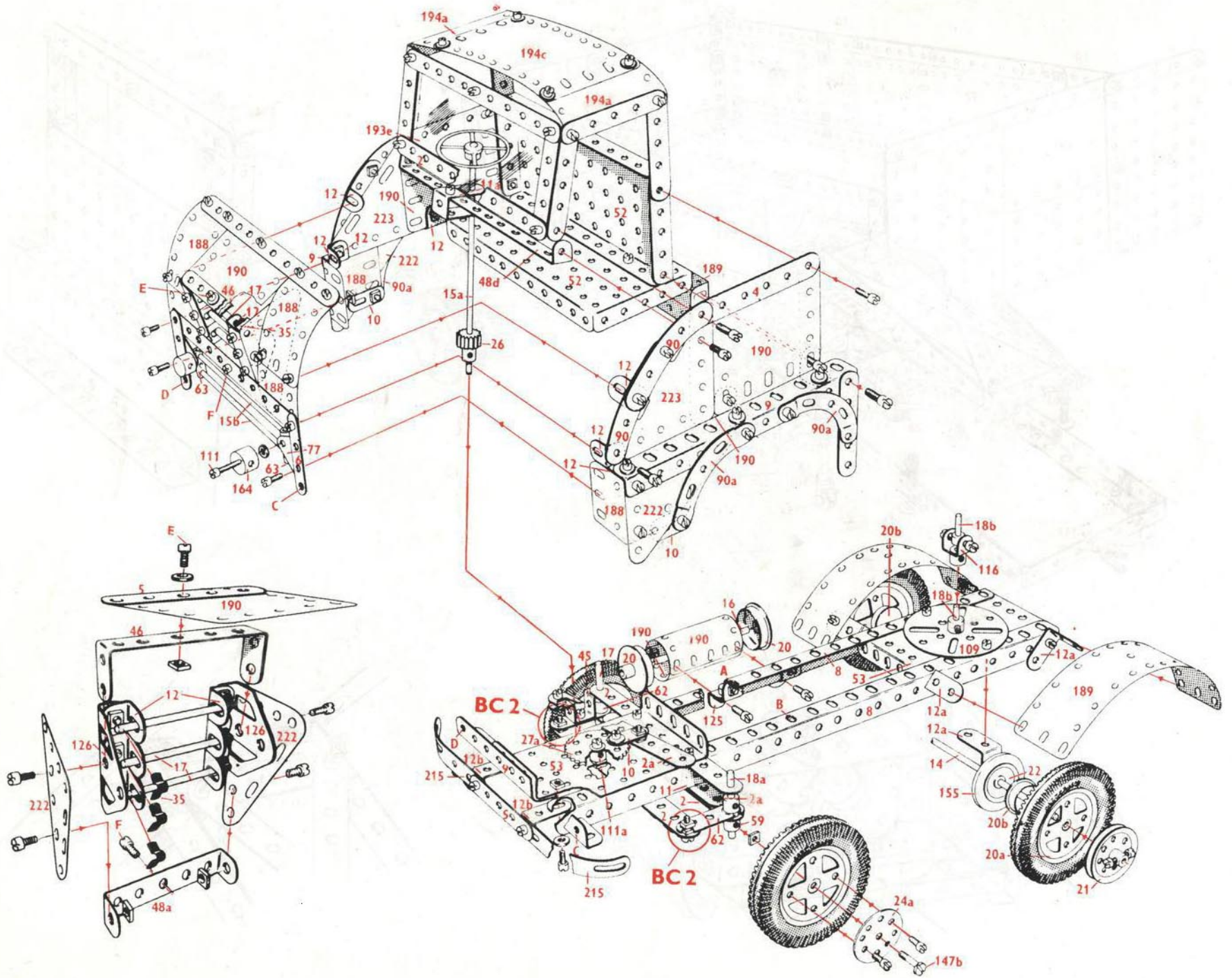
8.5 Articulated Tipping Lorry
Camión Volquete Articulado
Camião-Reboque Basculante
Ledbar lastbil med tippflak
Lastebil m/tipp

8.5

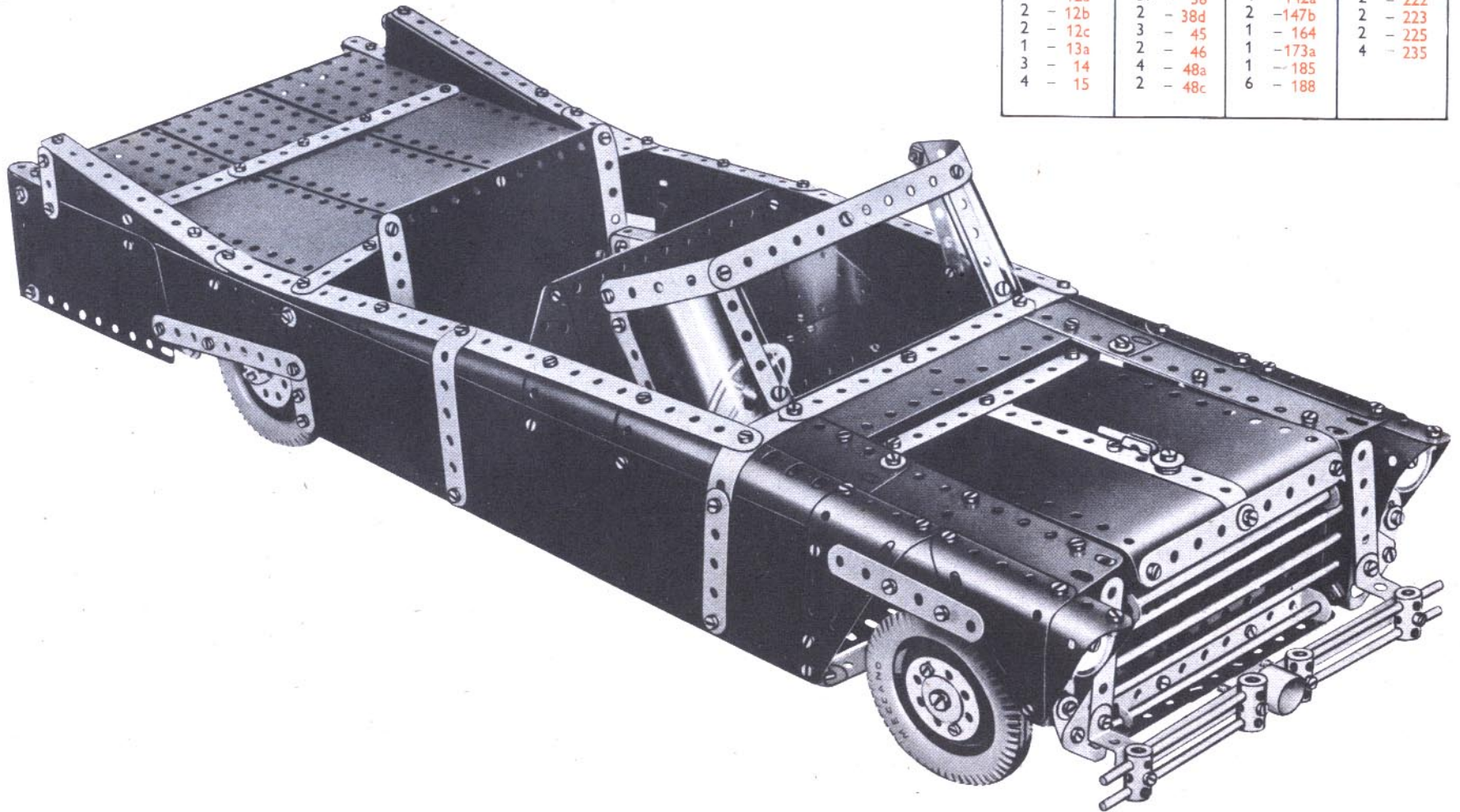
8	-	1	2	-	18b	2	-	51	2	-	165
21	-	2	1	-	19h	2	-	52	2	-	176
6	-	2a	4	-	20	3	-	53	1	-	185
6	-	3	4	-	20a	2	-	53a	4	-	187
6	-	4	4	-	20b	9	-	59	6	-	188
18	-	5	2	-	21	2	-	62	6	-	189
2	-	6	2	-	22	6	-	63	9	-	190
6	-	6a	2	-	23	2	-	77	4	-	191
2	-	7a	1	-	23a	4	-	90	7	-	192
8	-	8	2	-	24	4	-	90a	2	-	193
4	-	9	2	-	24a	1	-	109	1	-	193e
15	-	10	2	-	26	3	-	111	2	-	194a
4	-	11	2	-	27a	3	-	111a	1	-	194c
1	-	11a	1	-	28	4	-	111c	6	-	197
32	-	12	1	-	32	2	-	115a	1	-	199
6	-	12a	8	-	35	1	-	116	1	-	200
2	-	12b	267	-	37a	1	-	116a	2	-	212
1	-	13a	248	-	37b	2	-	120b	2	-	212a
1	-	14	38	-	38	4	-	125	1	-	213
2	-	15	3	-	45	2	-	126	2	-	215
3	-	15a	1	-	46	2	-	126a	2	-	221
3	-	15b	2	-	48	4	-	142a	2	-	222
4	-	16	4	-	48a	2	-	147b			
5	-	17	5	-	48b	2	-	155			
3	-	18a	1	-	48d	2	-	164			





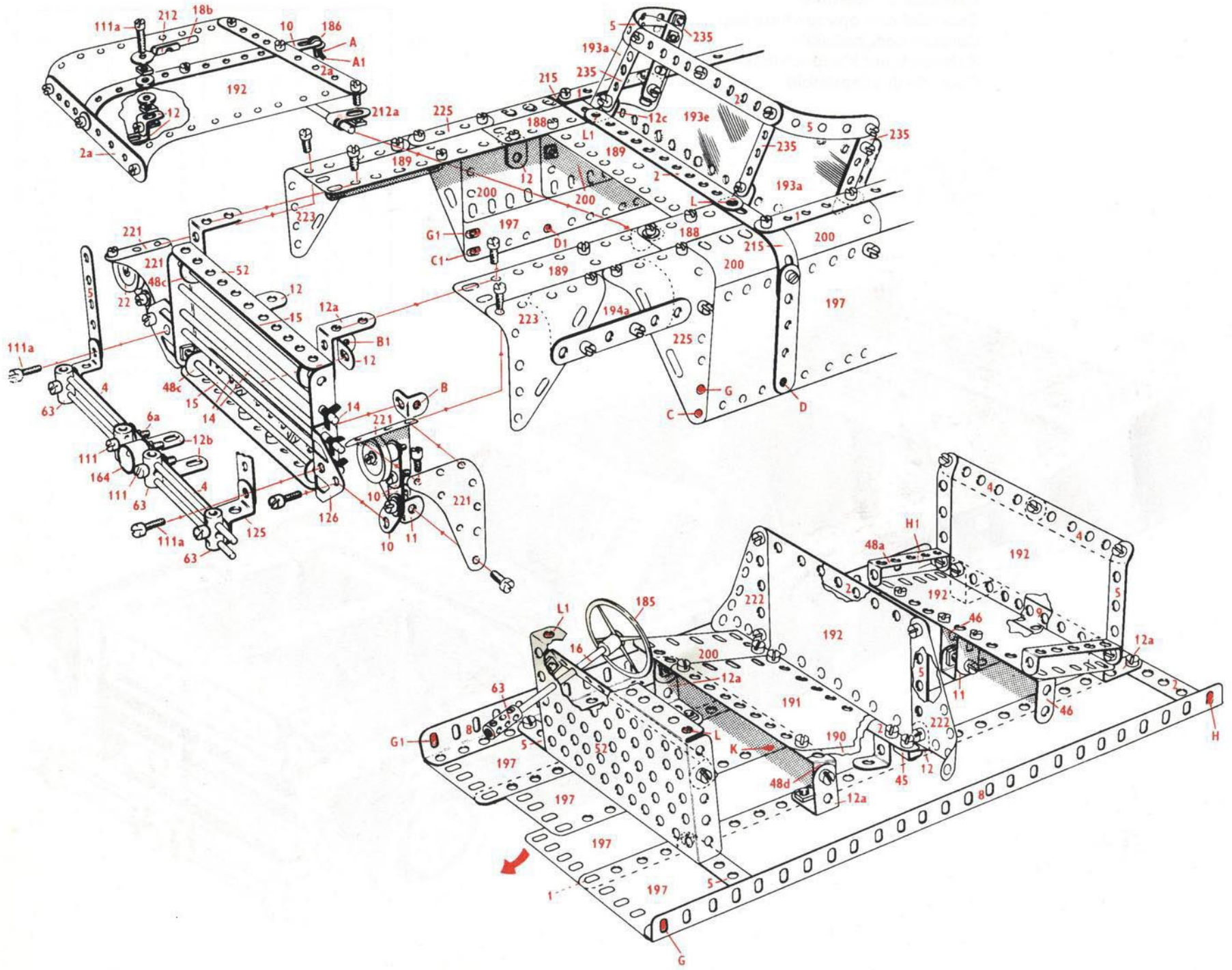


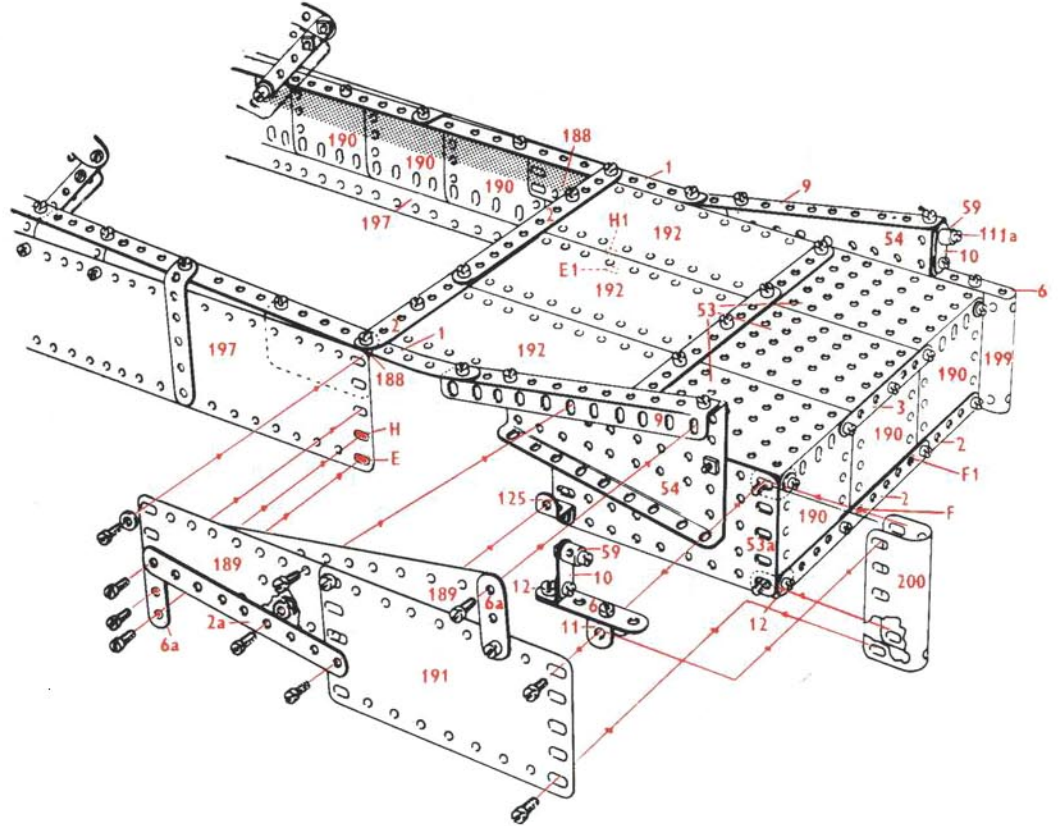
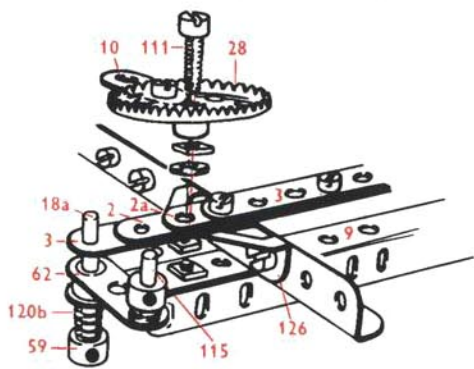
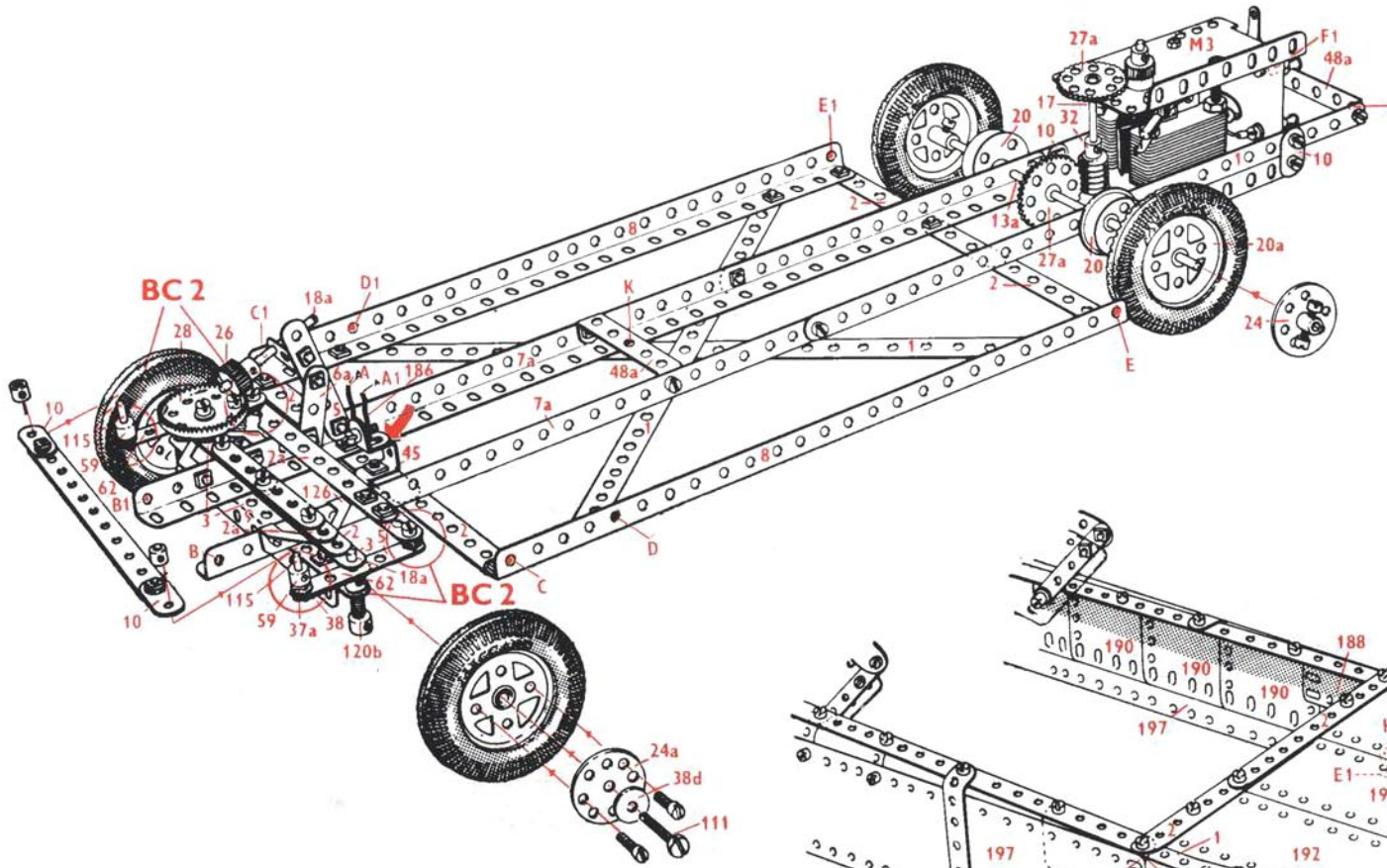
8.6 Touring Car
Coche de Turismo
Automóvel
Öppen bil
Åpen bil



8.6

8 - 1	4 - 16	2 - 48d	6 - 189
21 - 2	3 - 18a	2 - 52	10 - 190
6 - 2a	1 - 18b	3 - 53	3 - 191
6 - 3	2 - 20	2 - 53a	8 - 192
4 - 4	4 - 20a	2 - 54	2 - 193a
13 - 5	2 - 22	10 - 59	1 - 193e
2 - 6	2 - 24	2 - 62	2 - 194a
6 - 6a	2 - 24a	6 - 63	1 - 194d
2 - 7a	1 - 26	3 - 111	6 - 197
4 - 8	2 - 27c	4 - 111a	1 - 199
4 - 9	1 - 28	4 - 111c	6 - 200
13 - 10	1 - 32	2 - 115	1 - 212
5 - 11	10 - 35	2 - 120b	2 - 212a
1 - 11a	261 - 37a	4 - 125	1 - 213
21 - 12	249 - 37b	4 - 126	4 - 221
4 - 12a	39 - 38	4 - 142a	2 - 222
2 - 12b	2 - 38d	2 - 147b	2 - 223
2 - 12c	3 - 45	1 - 164	2 - 225
1 - 13a	2 - 46	1 - 173a	4 - 235
3 - 14	4 - 48a	1 - 185	
4 - 15	2 - 48c	6 - 188	

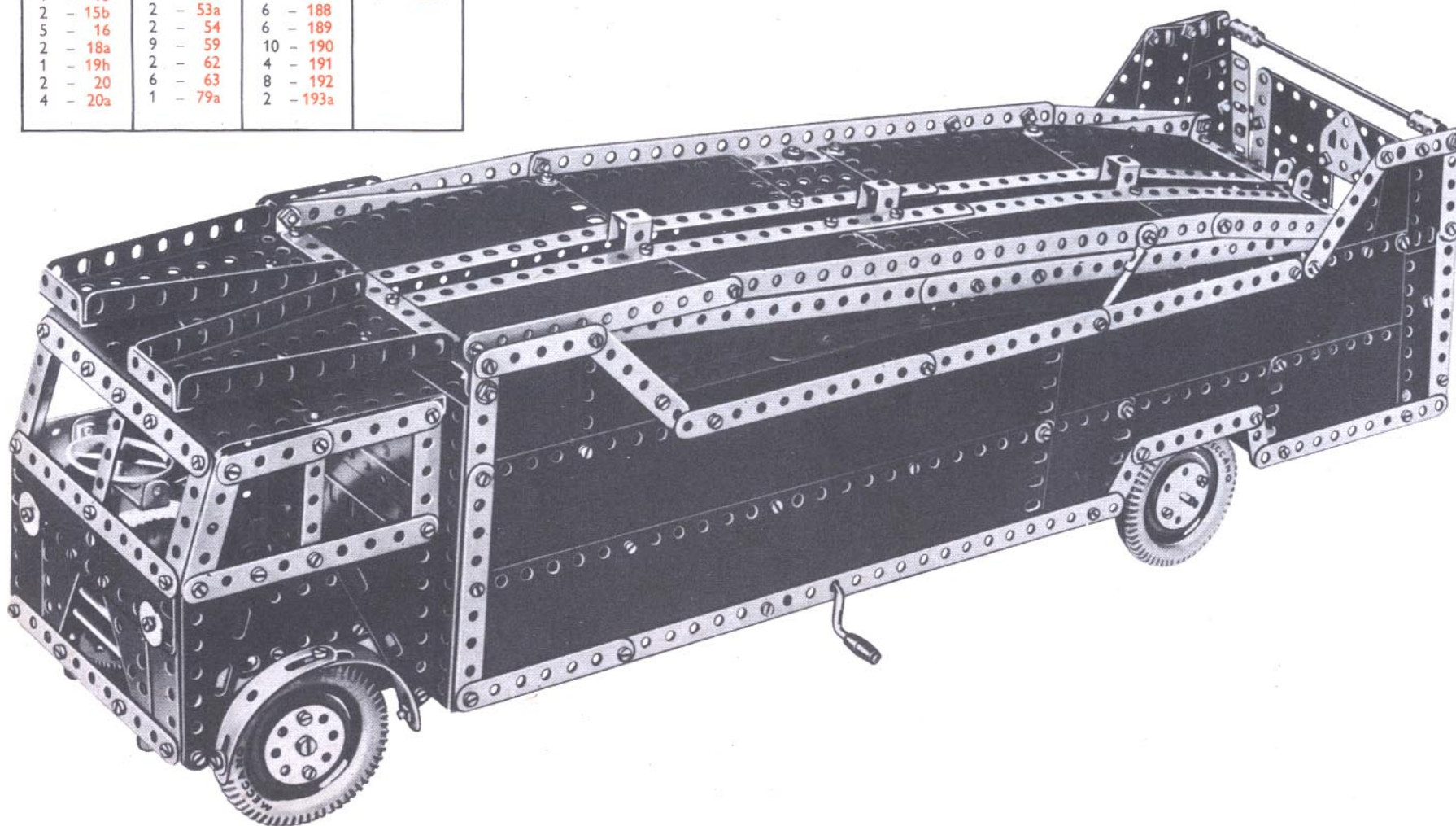


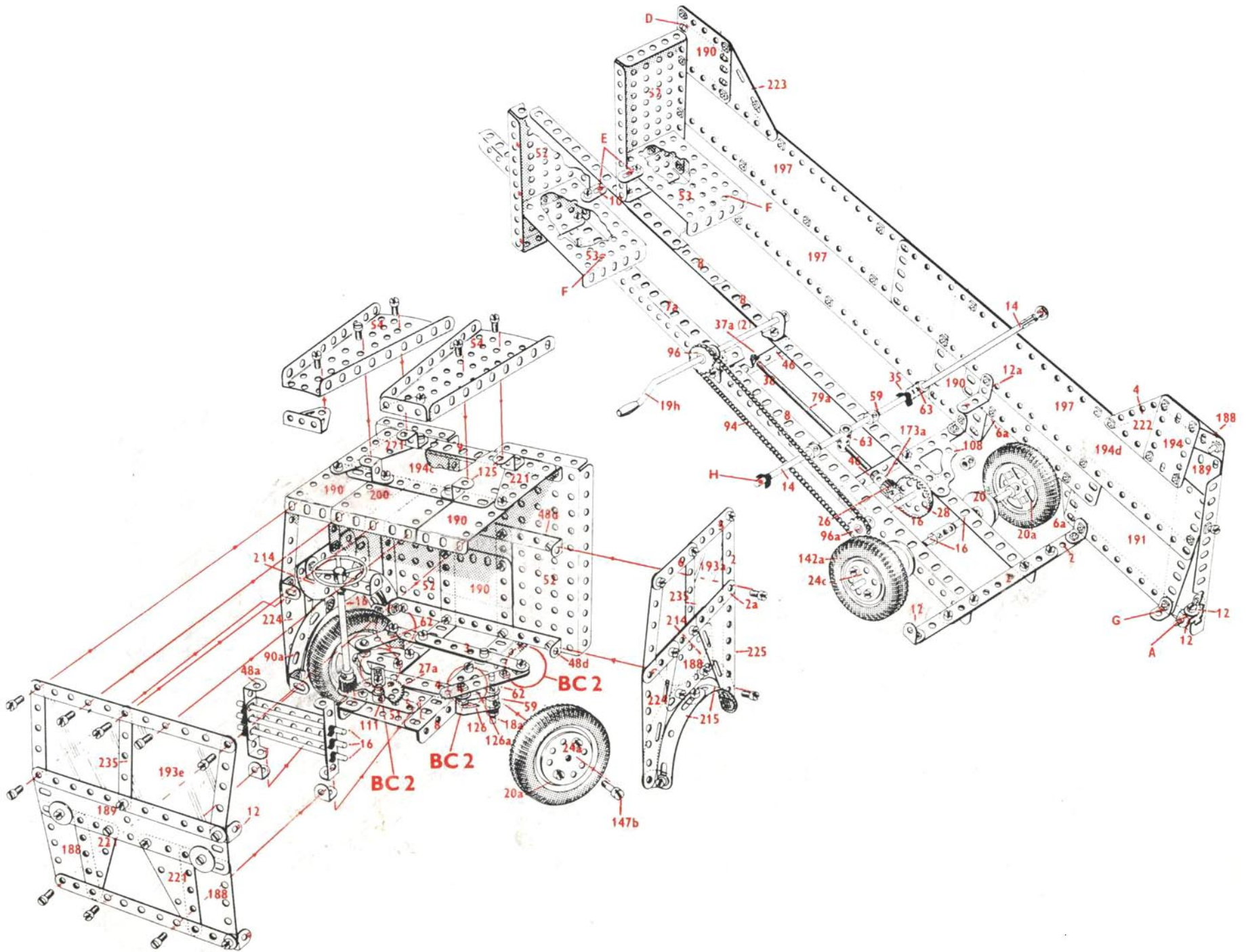


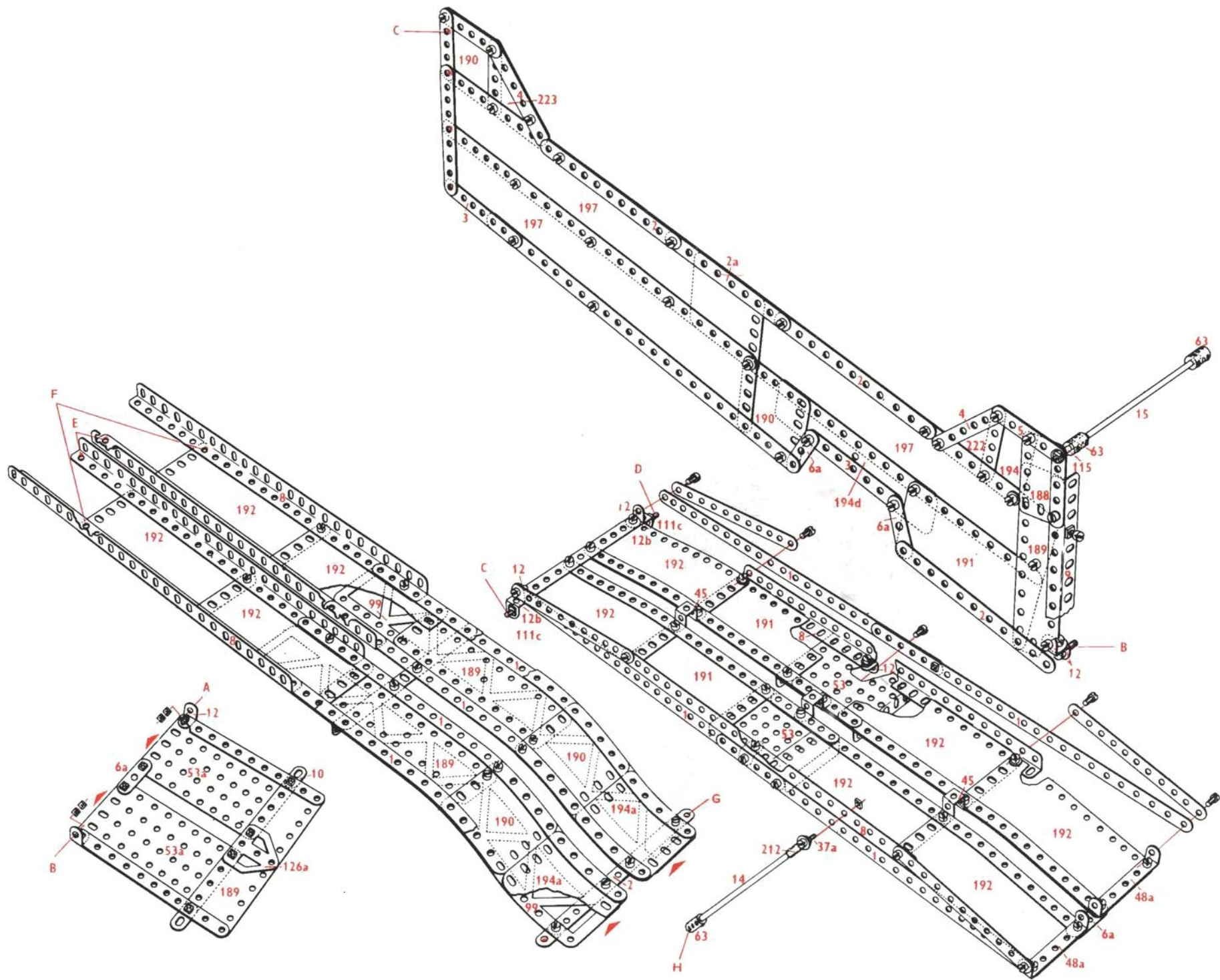
8.7 Car Transporter
Transportador de Autos
Transportador de Automóveis
Biltransportvagn
Transportbil

8.7

14 - 1	2 - 24a	2 - 90	1 - 193e
21 - 2	2 - 24c	2 - 90a	4 - 194
6 - 2a	2 - 26	1 - 94	2 - 194a
6 - 3	1 - 27a	1 - 96	1 - 194c
6 - 4	1 - 28	1 - 96a	2 - 194d
14 - 5	8 - 35	2 - 99	2 - 194e
2 - 6	270 - 37a	1 - 108	6 - 197
6 - 6a	248 - 37b	1 - 111	1 - 200
2 - 7a	35 - 38	6 - 111c	2 - 212
8 - 8	2 - 38d	2 - 115	2 - 214
4 - 9	3 - 45	4 - 125	4 - 215
7 - 10	2 - 46	4 - 126	2 - 221
27 - 12	6 - 48a	3 - 126a	2 - 222
2 - 12a	2 - 48d	4 - 142a	2 - 223
2 - 12b	2 - 51	2 - 147b	2 - 224
3 - 14	2 - 52	1 - 173a	2 - 225
1 - 15	4 - 53	1 - 185	3 - 235
2 - 15b	2 - 53a	6 - 188	
5 - 16	2 - 54	6 - 189	
2 - 18a	9 - 59	10 - 190	
1 - 19h	2 - 62	4 - 191	
2 - 20	6 - 63	8 - 192	
4 - 20a	1 - 79a	2 - 193a	

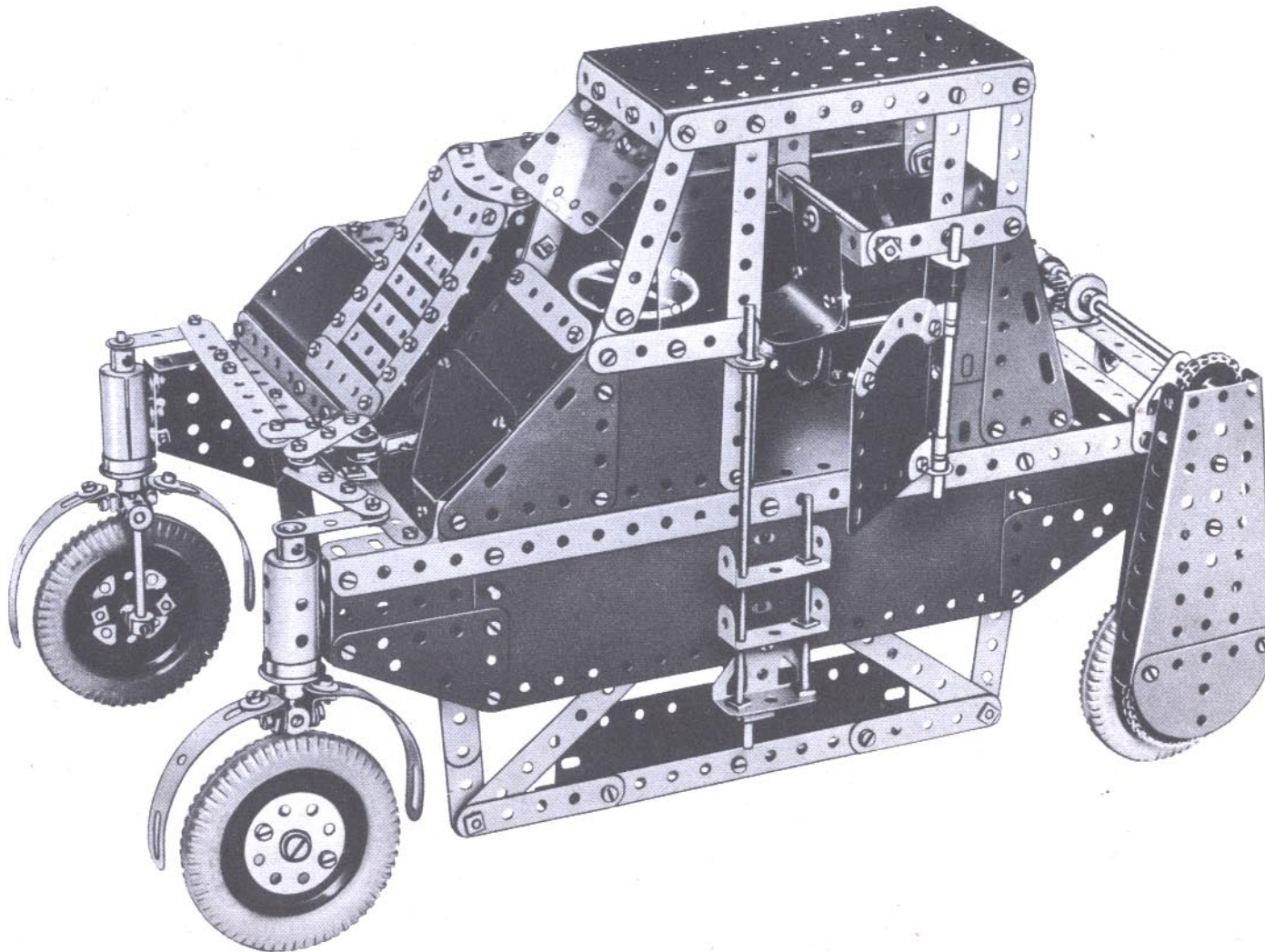




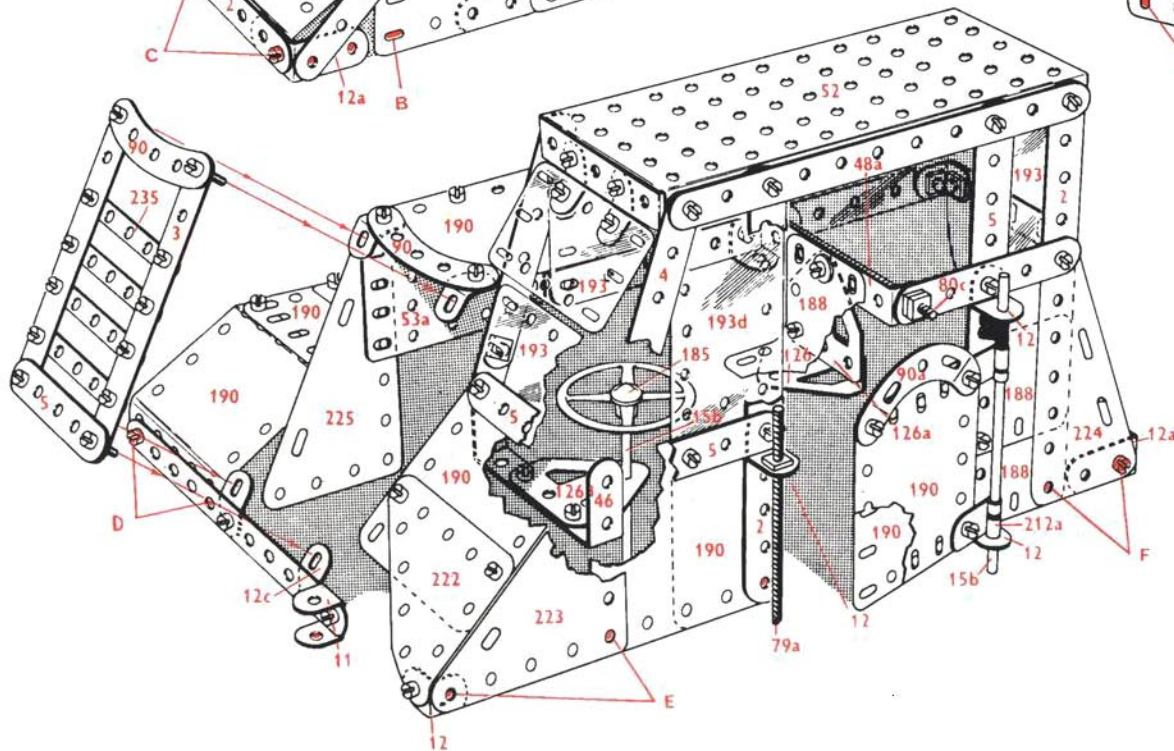
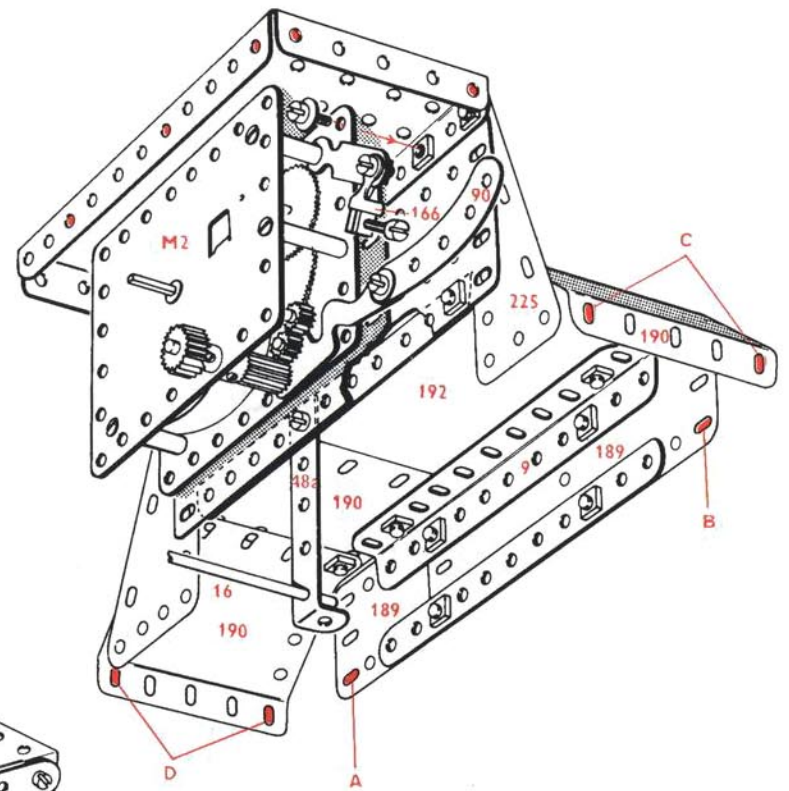
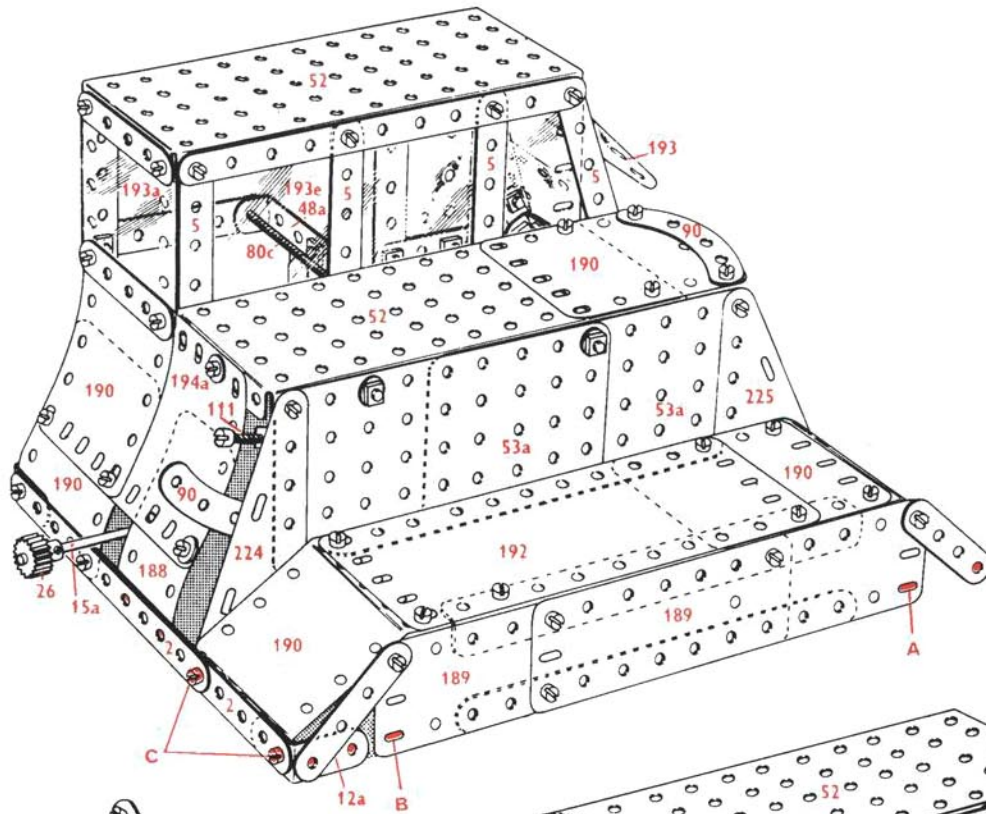


8.8 Conveyancer
Transportador de Troncos
Transportador de Tronços
Transportvagn
Transportvogn

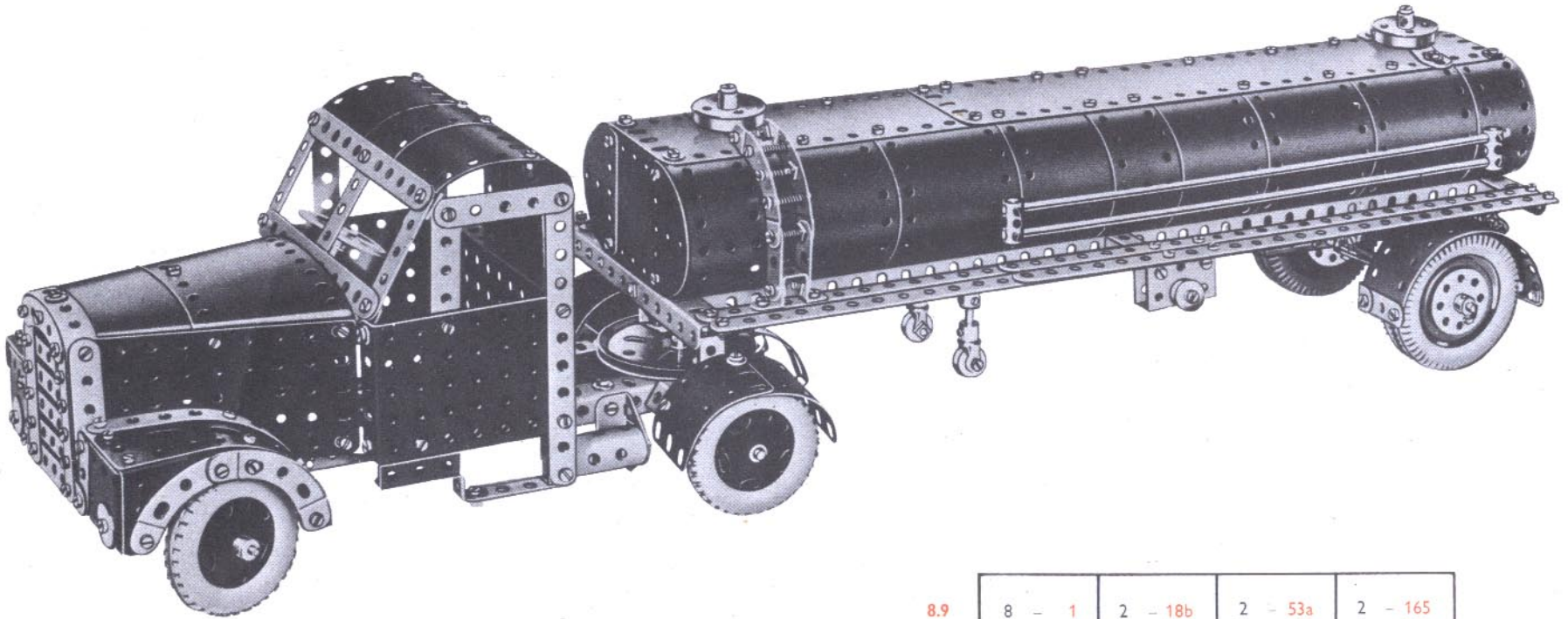
8.8



20	-	2	9	-	59
6	-	2a	2	-	62
6	-	3	4	-	63
6	-	4	2	-	77
17	-	5	1	-	79a
2	-	6	2	-	80c
6	-	6a	4	-	90
2	-	8	1	-	90a
4	-	9	1	-	94
9	-	10	2	-	95
5	-	11	2	-	96
1	-	11a	2	-	108
21	-	12	2	-	111
6	-	12a	6	-	111a
2	-	12b	3	-	111c
6	-	12c	1	-	116
1	-	13a	4	-	125
1	-	15	3	-	126
3	-	15a	4	-	126a
2	-	15b	4	-	142a
5	-	16	2	-	147b
4	-	17	1	-	160
2	-	18a	2	-	163
2	-	18b	2	-	164
4	-	20a	2	-	165
2	-	20b	1	-	185
2	-	21	1	-	186b
2	-	24	5	-	188
2	-	24a	6	-	189
3	-	26	10	-	190
1	-	27a	4	-	191
1	-	28	2	-	192
1	-	29	2	-	193
3	-	35	1	-	193a
238	-	37a	2	-	193d
199	-	37b	1	-	193e
40	-	38	1	-	194
3	-	45	1	-	194a
1	-	46	2	-	212
2	-	48	2	-	212a
6	-	48a	2	-	214
4	-	48b	4	-	215
2	-	48c	4	-	221
1	-	48d	1	-	222
2	-	51	1	-	223
2	-	52	2	-	224
4	-	53	1	-	225
2	-	53a	4	-	235
2	-	54			

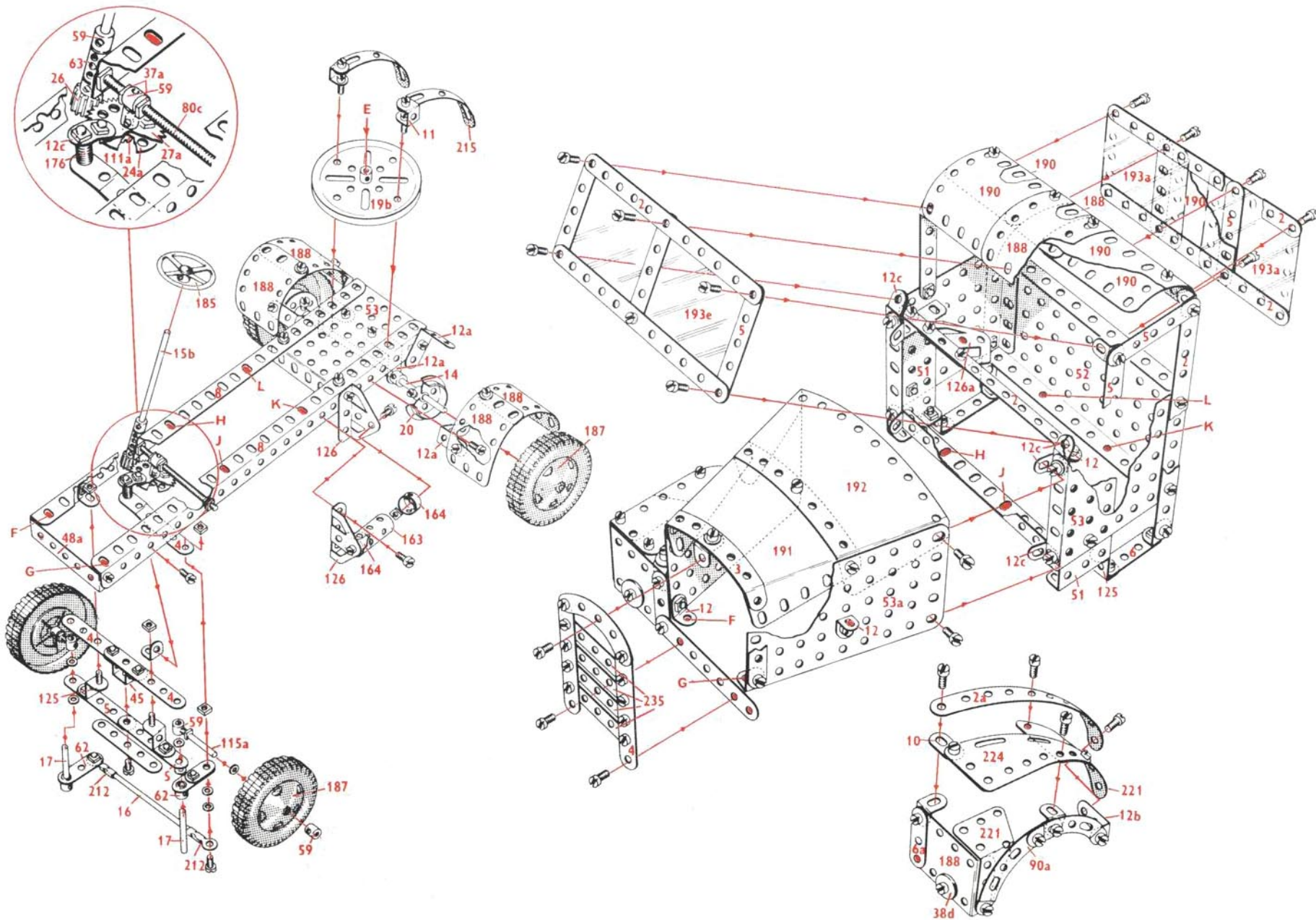


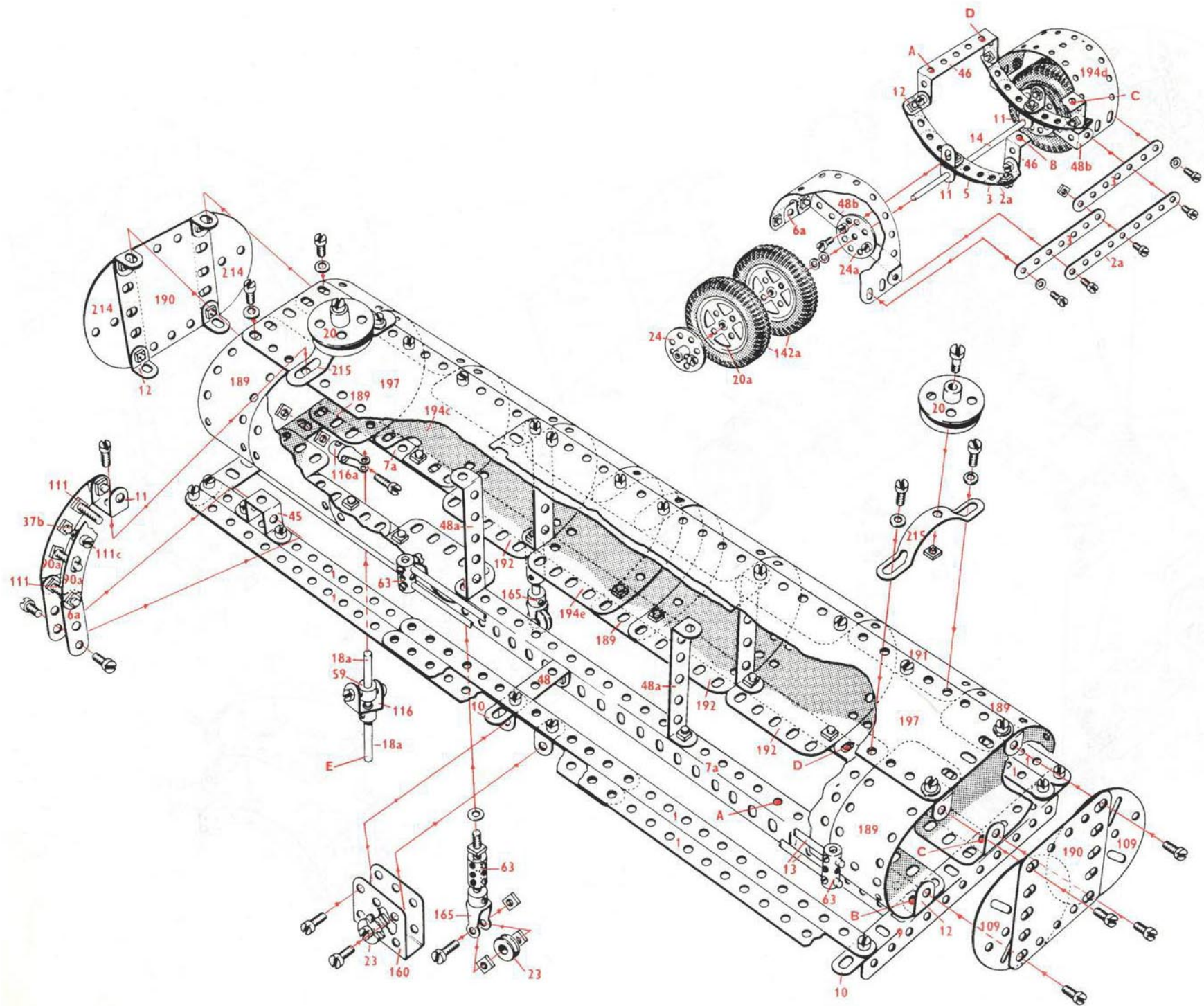
**8.9 Articulated Tanker/Tanque Articulado/Auto-Tank Articulado
Ledbar tankbil/Tankbil**



8.9

8 - 1	2 - 18b	2 - 53a	2 - 165
7 - 2	1 - 19b	7 - 59	1 - 185
4 - 2a	4 - 20	2 - 62	4 - 187
8 - 3	4 - 20a	5 - 63	8 - 188
3 - 4	3 - 23	1 - 80c	6 - 189
16 - 5	2 - 24	2 - 90a	7 - 190
2 - 6	2 - 24a	1 - 90c	3 - 191
6 - 6a	1 - 26	2 - 109	7 - 192
2 - 7a	1 - 27a	3 - 111	2 - 193a
2 - 8	240 - 37a	3 - 111a	1 - 193e
3 - 9	220 - 37b	2 - 115	2 - 194c
8 - 10	36 - 38	2 - 115a	2 - 194d
5 - 11	2 - 38d	1 - 116	2 - 194e
23 - 12	1 - 45	1 - 116a	2 - 197
6 - 12a	2 - 46	2 - 125	2 - 212
2 - 12b	2 - 48	2 - 126	2 - 214
7 - 12c	3 - 48a	1 - 126a	4 - 215
2 - 13	2 - 48b	4 - 142a	4 - 221
2 - 14	2 - 51	2 - 147b	2 - 224
1 - 16	1 - 52	1 - 160	4 - 235
1 - 18a	3 - 53	1 - 163	

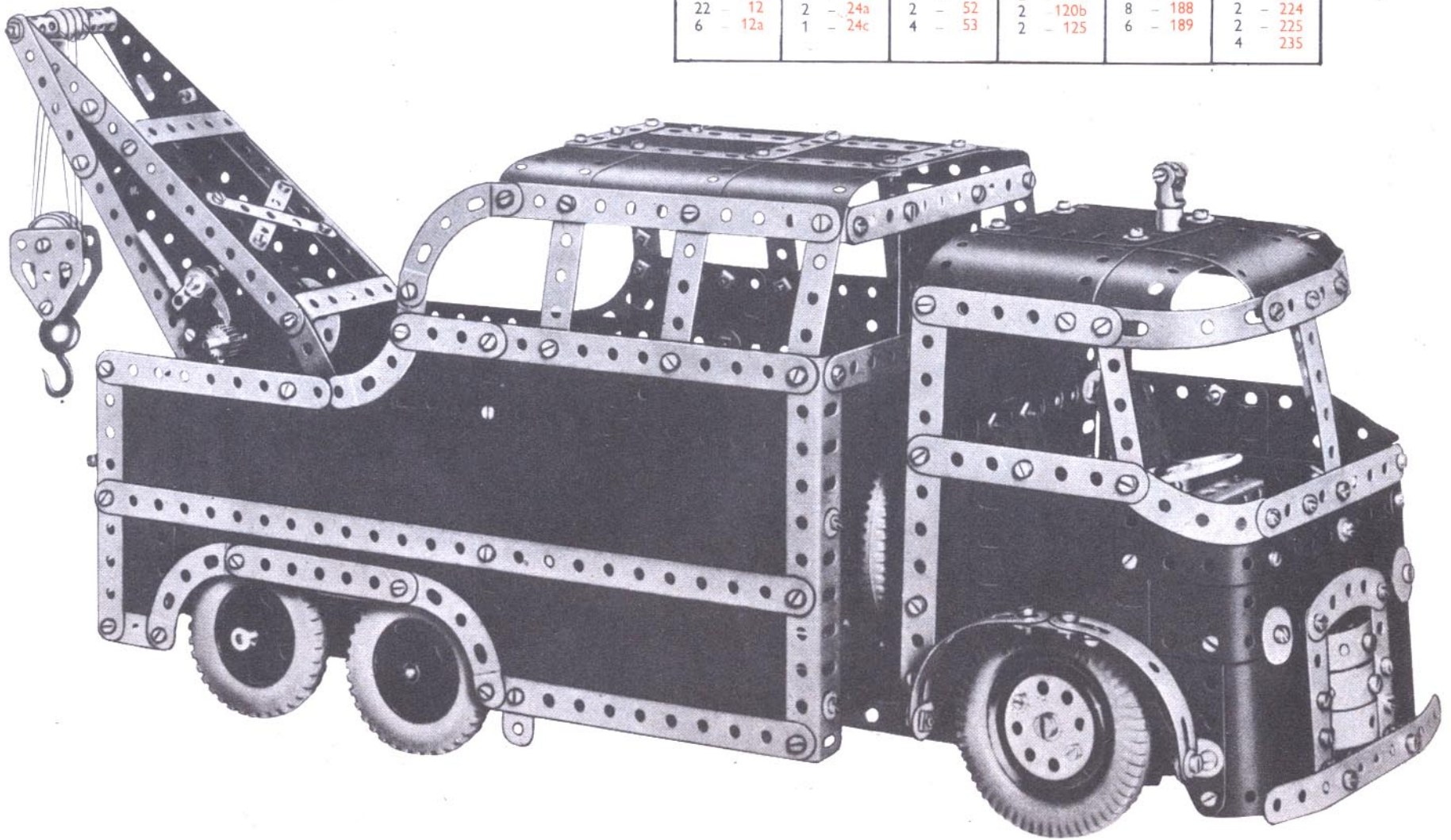


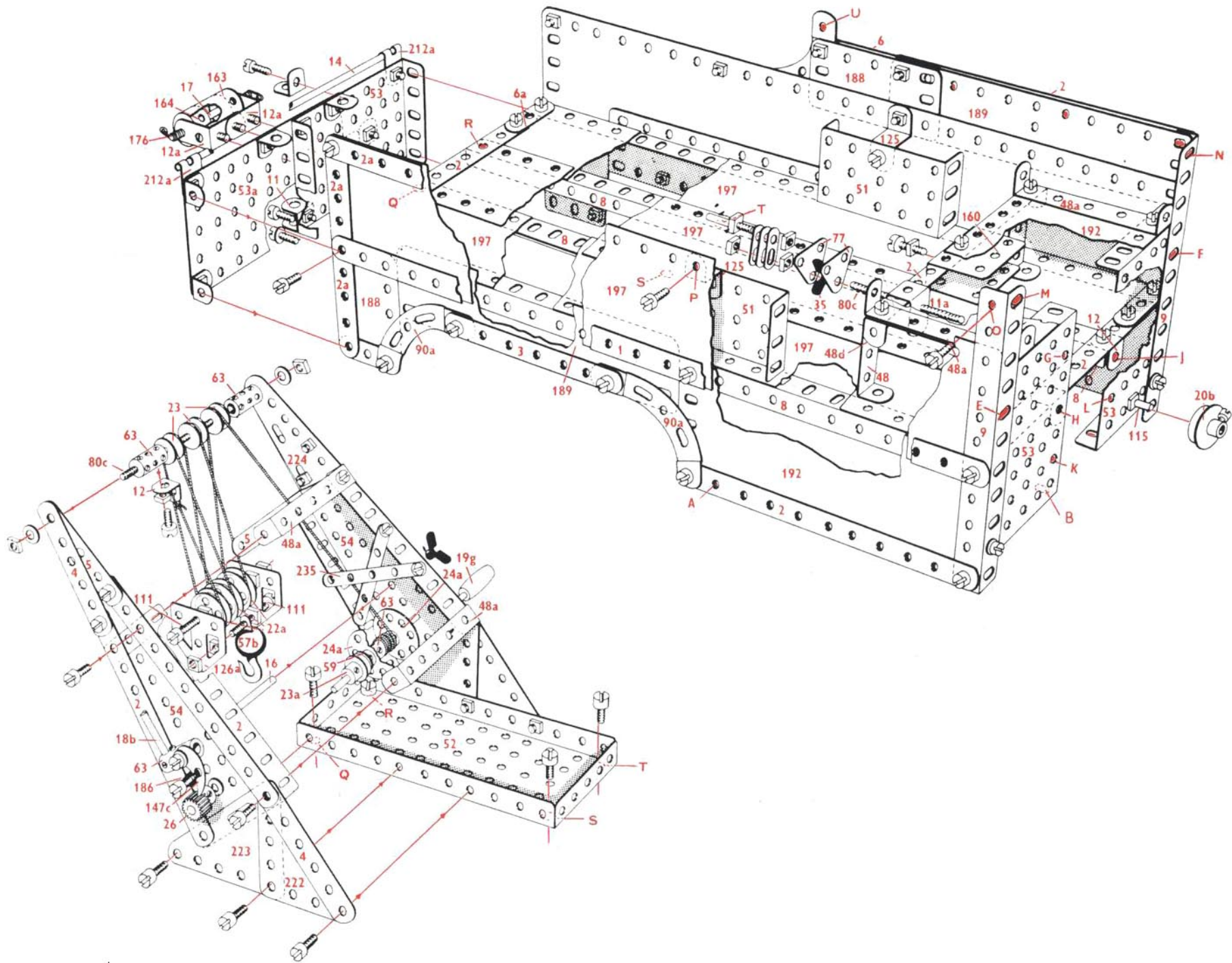


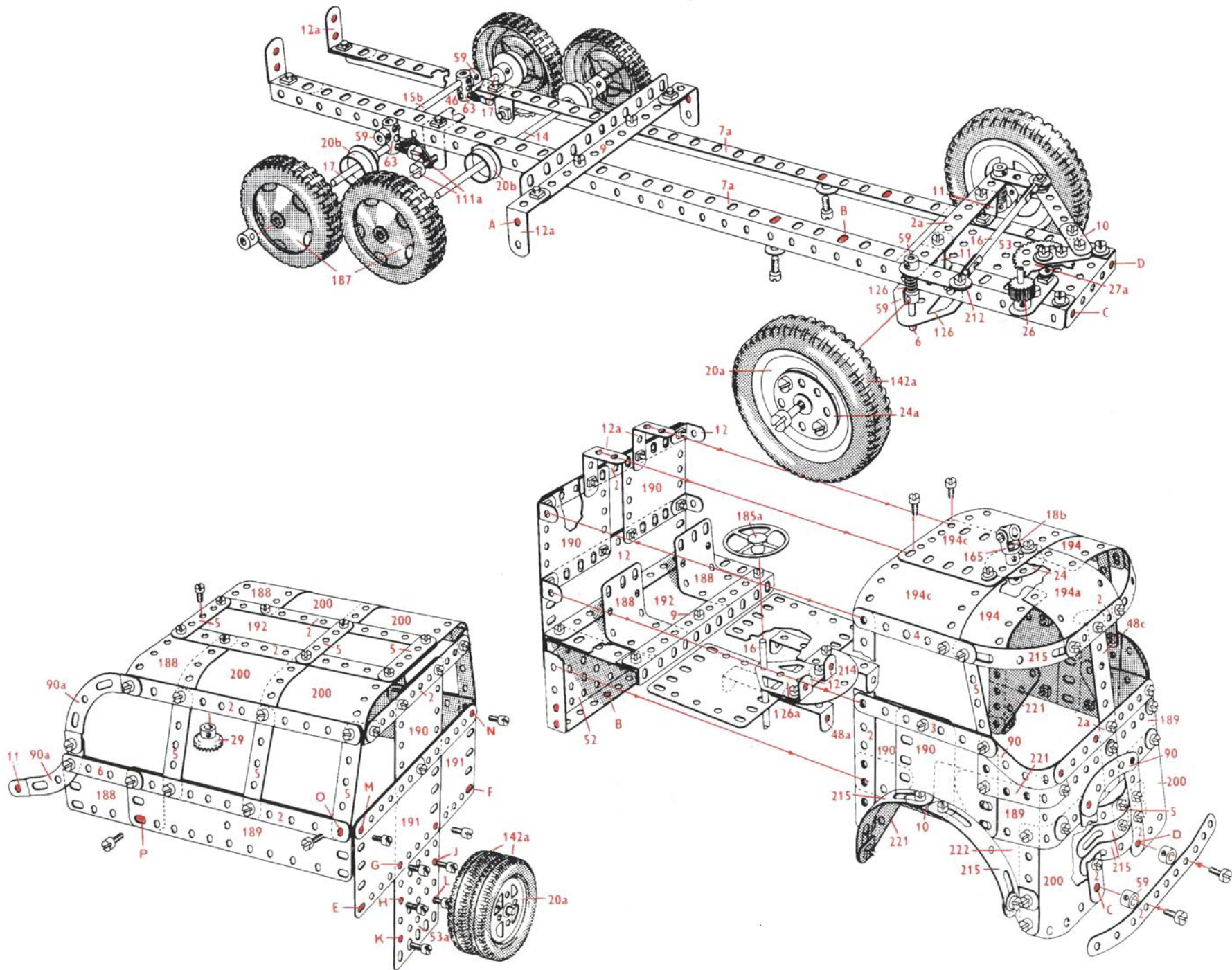
8.10 Breakdown Lorry
Vehículo Socorro
Pronto Socorro
Bärgningsbil
Service bil

8.10

2 - 1	2 - 12b	2 - 26	2 - 53a	2 - 126	9 - 190
21 - 2	2 - 14	1 - 27a	2 - 54	3 - 126a	2 - 191
6 - 2a	3 - 15b	1 - 29	1 - 57b	1 - 140	5 - 192
4 - 3	1 - 16	1 - 35	10 - 59	4 - 142a	2 - 194
6 - 4	5 - 17	235 - 37a	2 - 62	2 - 147b	1 - 194a
18 - 5	1 - 18a	218 - 37b	5 - 63	1 - 147c	2 - 194c
2 - 6	1 - 19g	26 - 38	2 - 77	1 - 160	5 - 197
4 - 6a	1 - 20	2 - 38d	1 - 80c	1 - 163	6 - 200
2 - 7a	4 - 20a	1 - 40	1 - 90	2 - 164	2 - 212a
4 - 8	4 - 20b	1 - 46	8 - 90a	1 - 173a	1 - 214
4 - 9	3 - 22a	2 - 48	3 - 111	2 - 176	8 - 215
9 - 10	3 - 23	8 - 48a	3 - 111a	1 - 185	4 - 221
3 - 11	1 - 23a	1 - 48b	4 - 111c	3 - 186	2 - 222
1 - 11a	2 - 24	2 - 51	2 - 115	4 - 187	2 - 223
22 - 12	2 - 24a	2 - 52	2 - 120b	8 - 188	2 - 224
6 - 12a	1 - 24c	4 - 53	2 - 125	6 - 189	2 - 225
					4 - 235



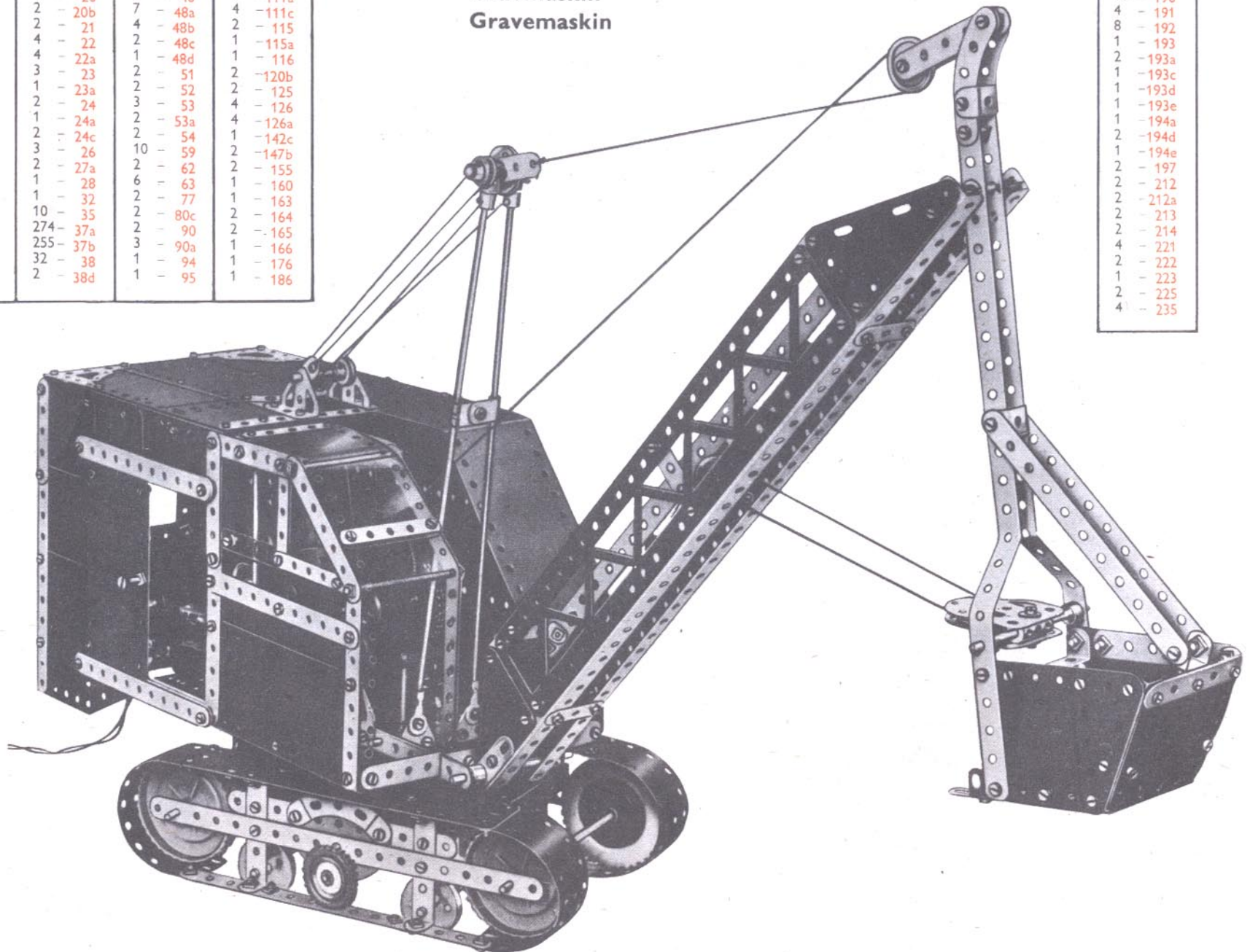




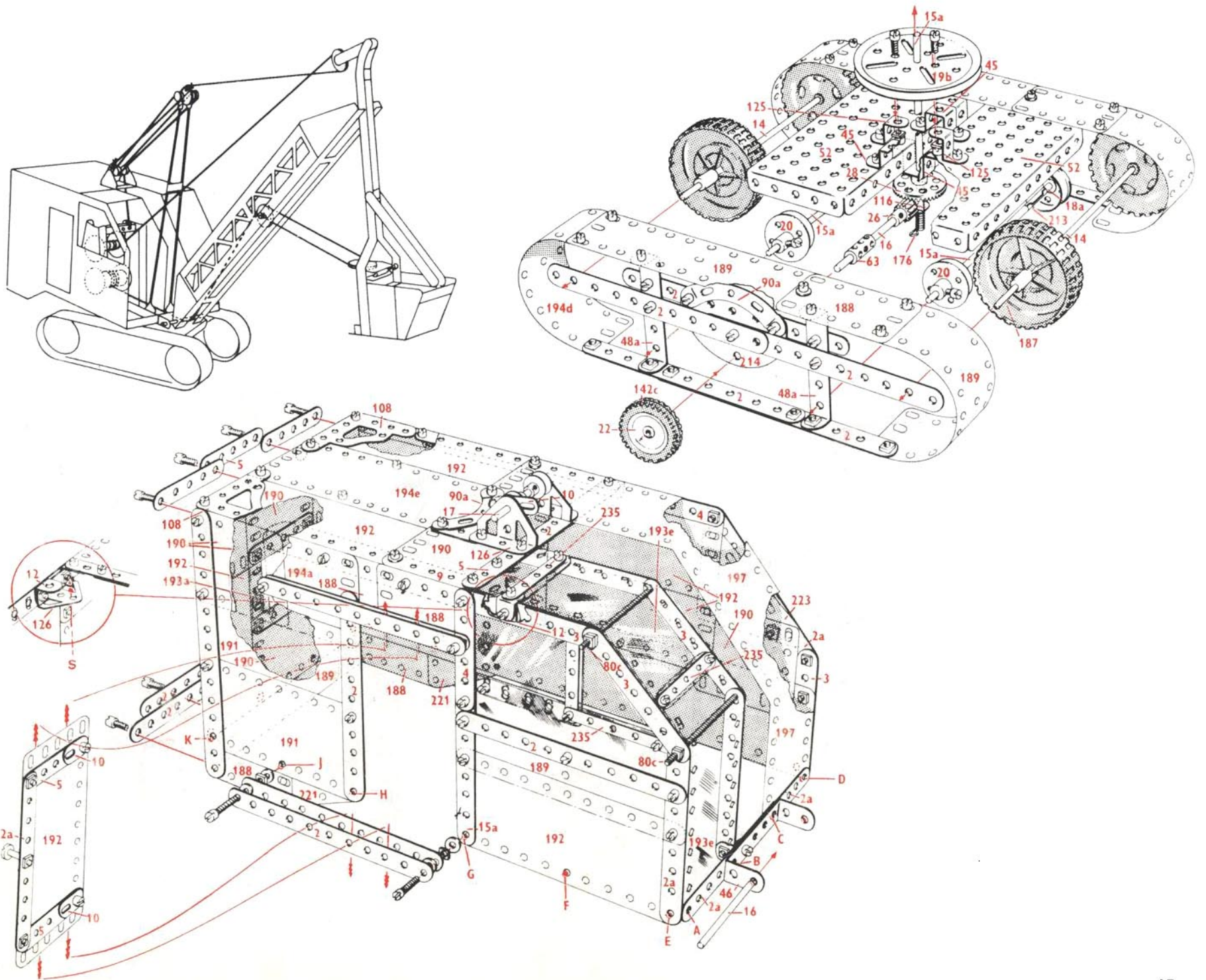
8.11 Pull Shovel
Pala Tiradora
Pa Excavadora
Grävmaskin
Gravemaskin

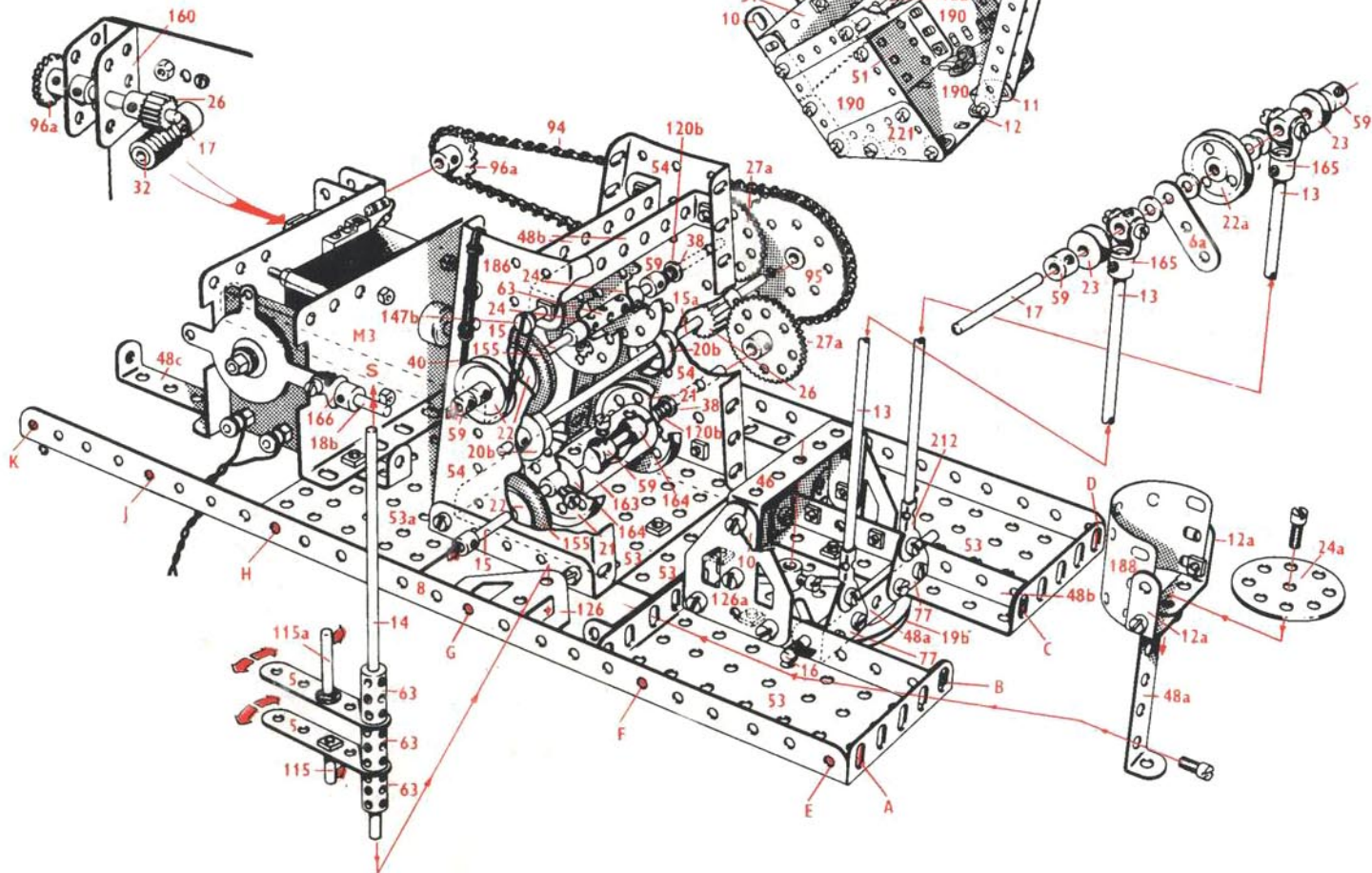
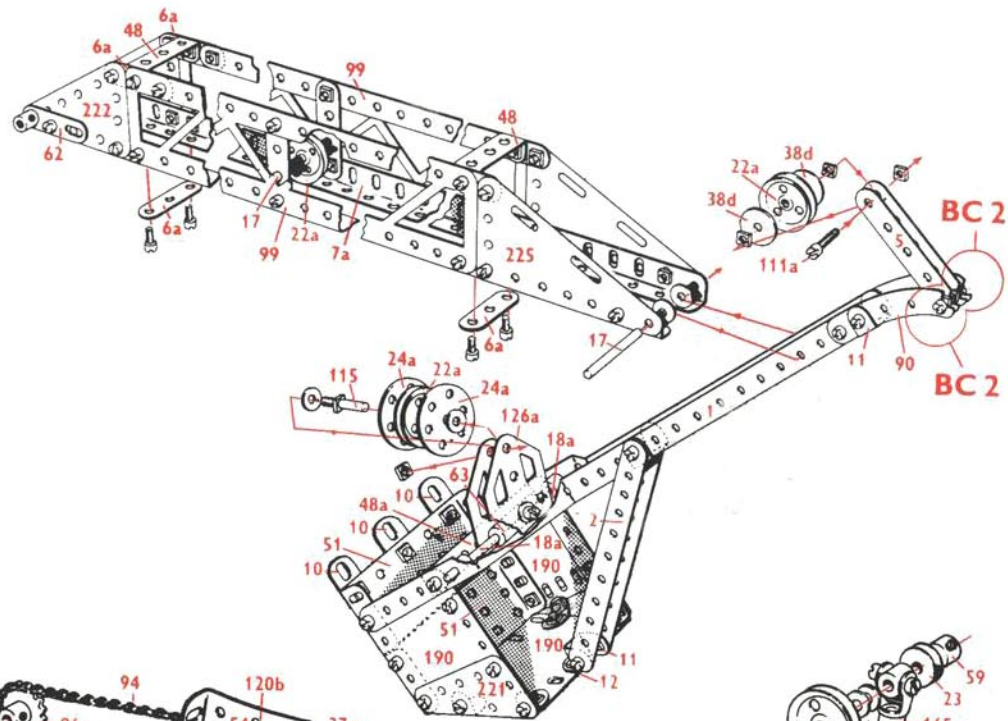
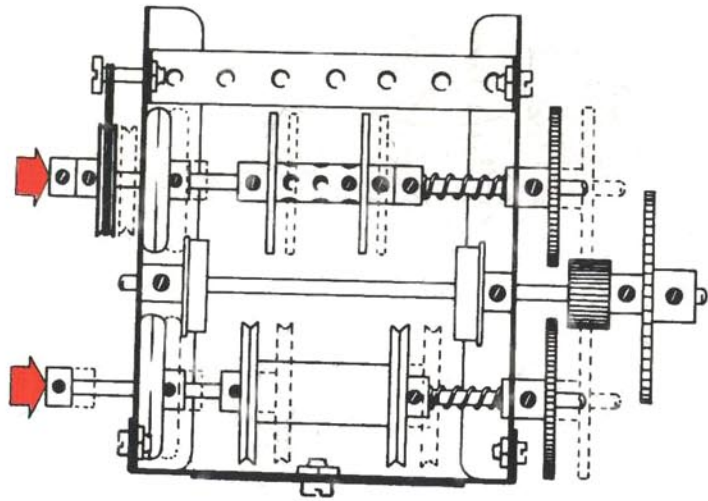
4	-	1		2	-	40		1	-	96a
21	-	2		3	-	45		2	-	99
6	-	2a		2	-	46		2	-	108
5	-	3		4	-	48		1	-	111a
3	-	4		2	-	48a		4	-	111c
15	-	5		2	-	21		2	-	115
2	-	6		4	-	22		1	-	115a
5	-	6a		4	-	22a		1	-	116
2	-	7a		3	-	23		2	-	120b
2	-	8		1	-	23a		2	-	125
4	-	9		2	-	24		4	-	126
8	-	10		1	-	24a		4	-	126a
3	-	11		2	-	24c		1	-	142c
12	-	12		3	-	26		2	-	147b
2	-	12a		2	-	27a		2	-	155
1	-	12b		1	-	28		6	-	160
2	-	13		1	-	32		1	-	163
3	-	14		10	-	35		2	-	164
2	-	15		274	-	37a		2	-	165
4	-	15a		255	-	37b		1	-	166
3	-	16		32	-	38		1	-	176
5	-	17		2	-	38d		1	-	186
				1	-	95				

8.11

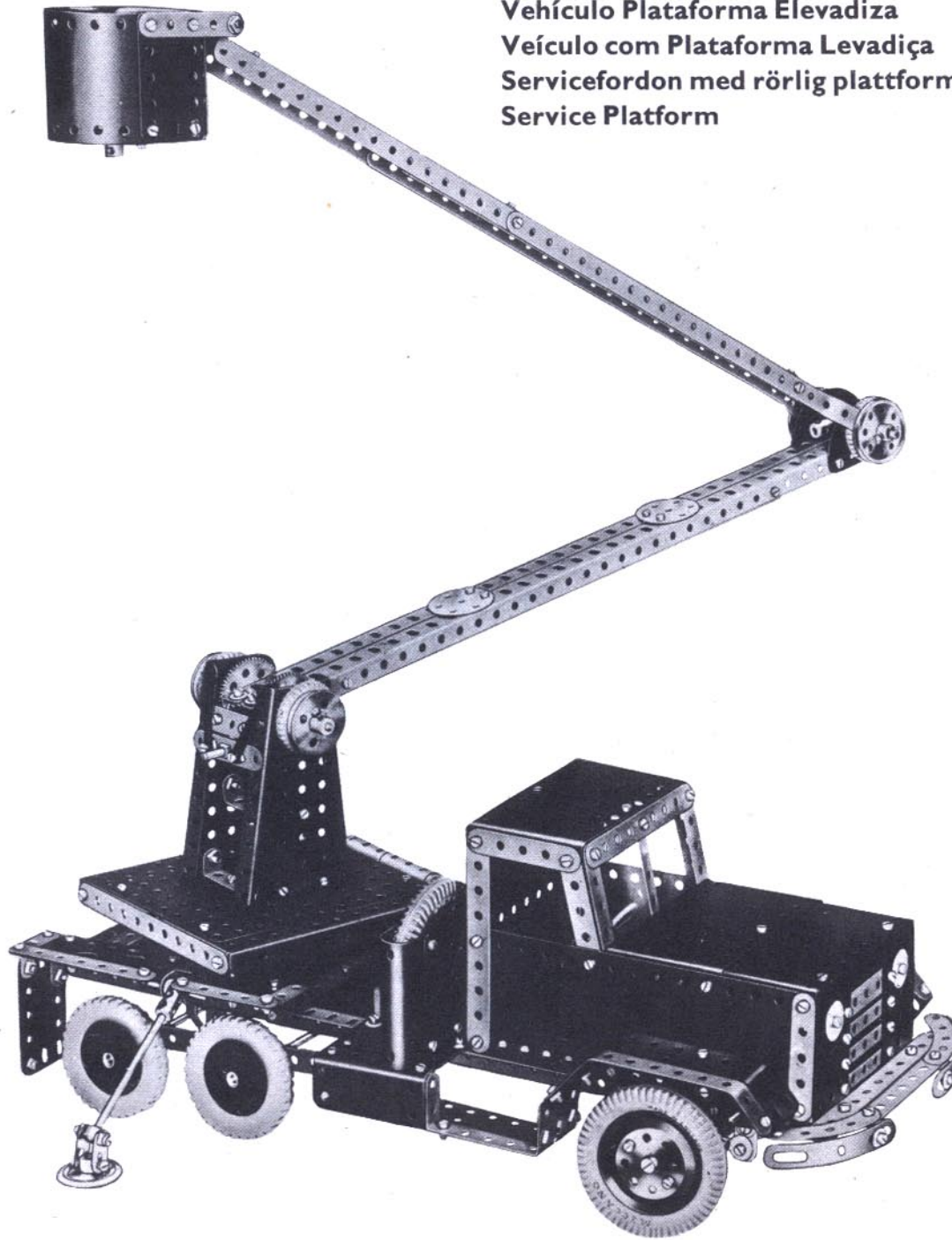


4	-	187
7	-	188
6	-	189
10	-	190
4	-	191
8	-	192
1	-	193
2	-	193a
1	-	193c
1	-	193d
1	-	193e
1	-	194a
2	-	194d
1	-	194e
2	-	197
2	-	212
2	-	212a
2	-	213
2	-	214
4	-	221
2	-	222
1	-	223
2	-	225
4	-	235



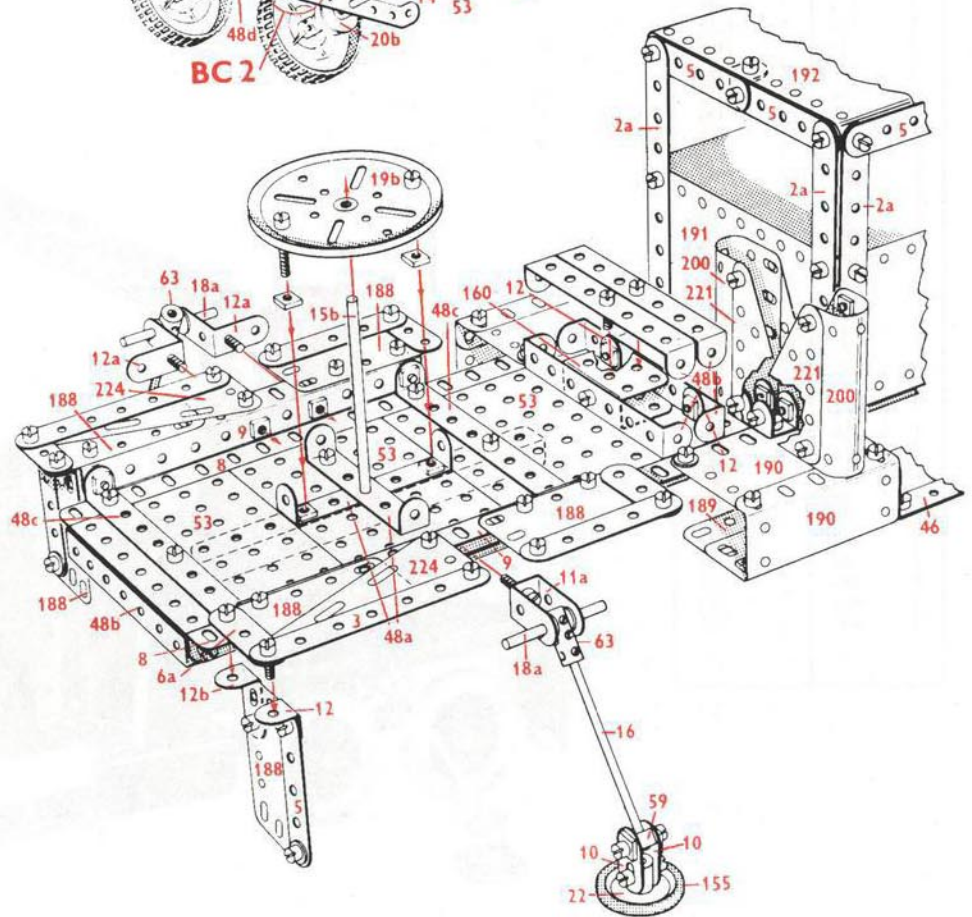
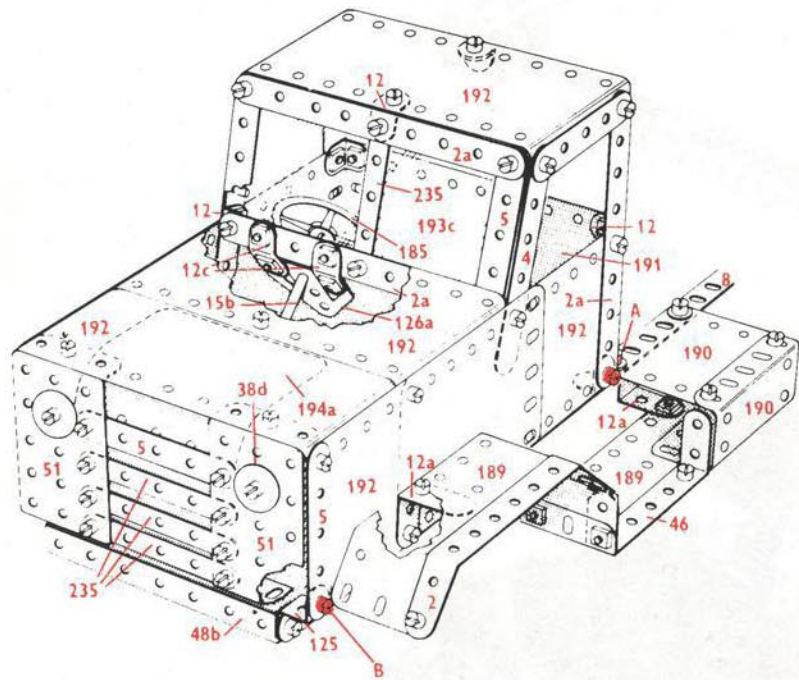
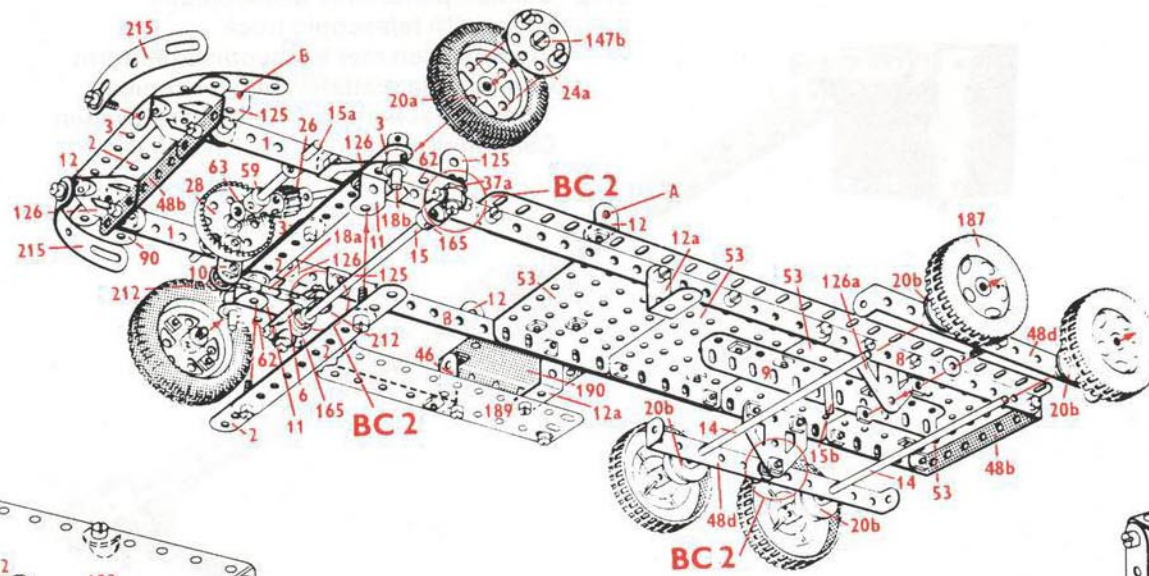


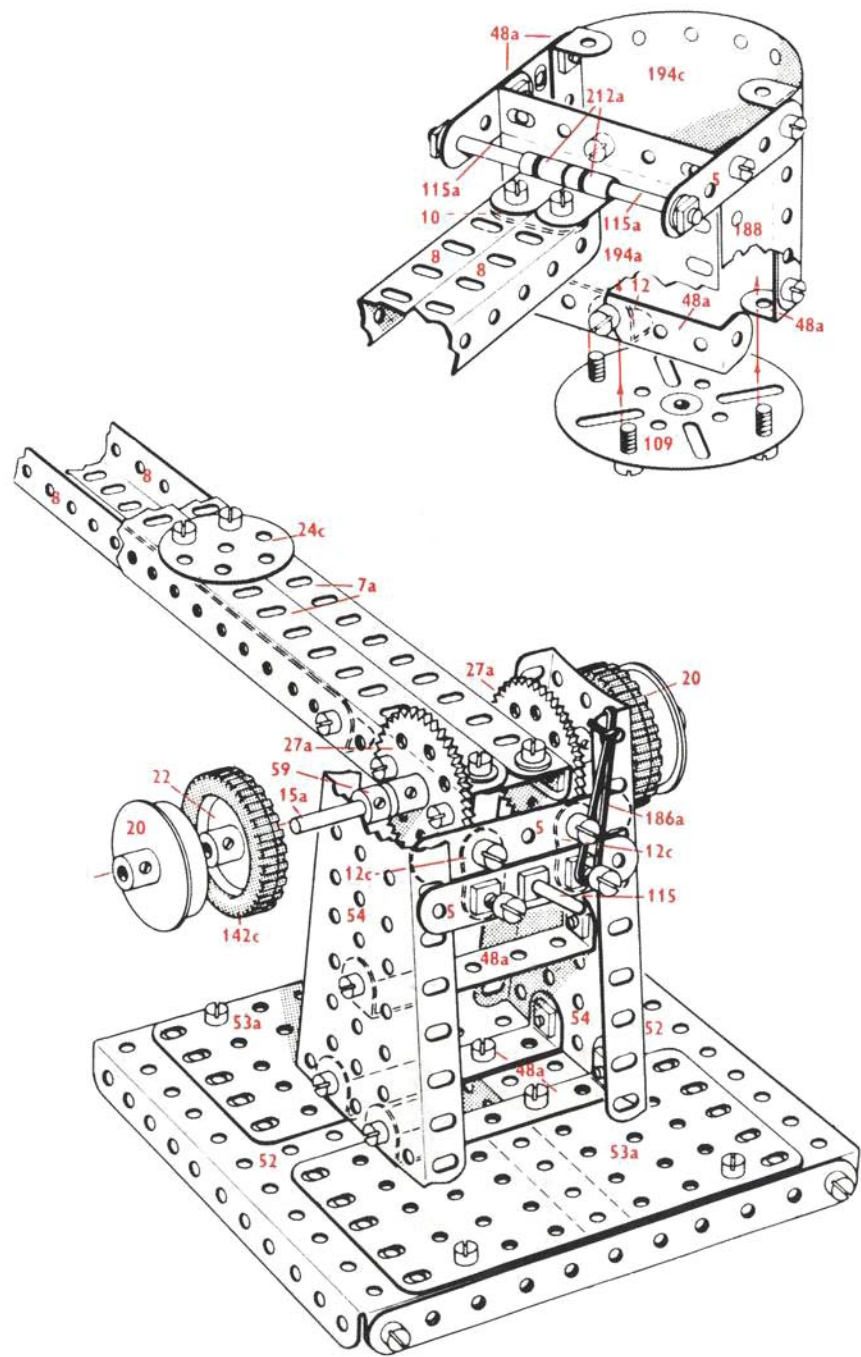
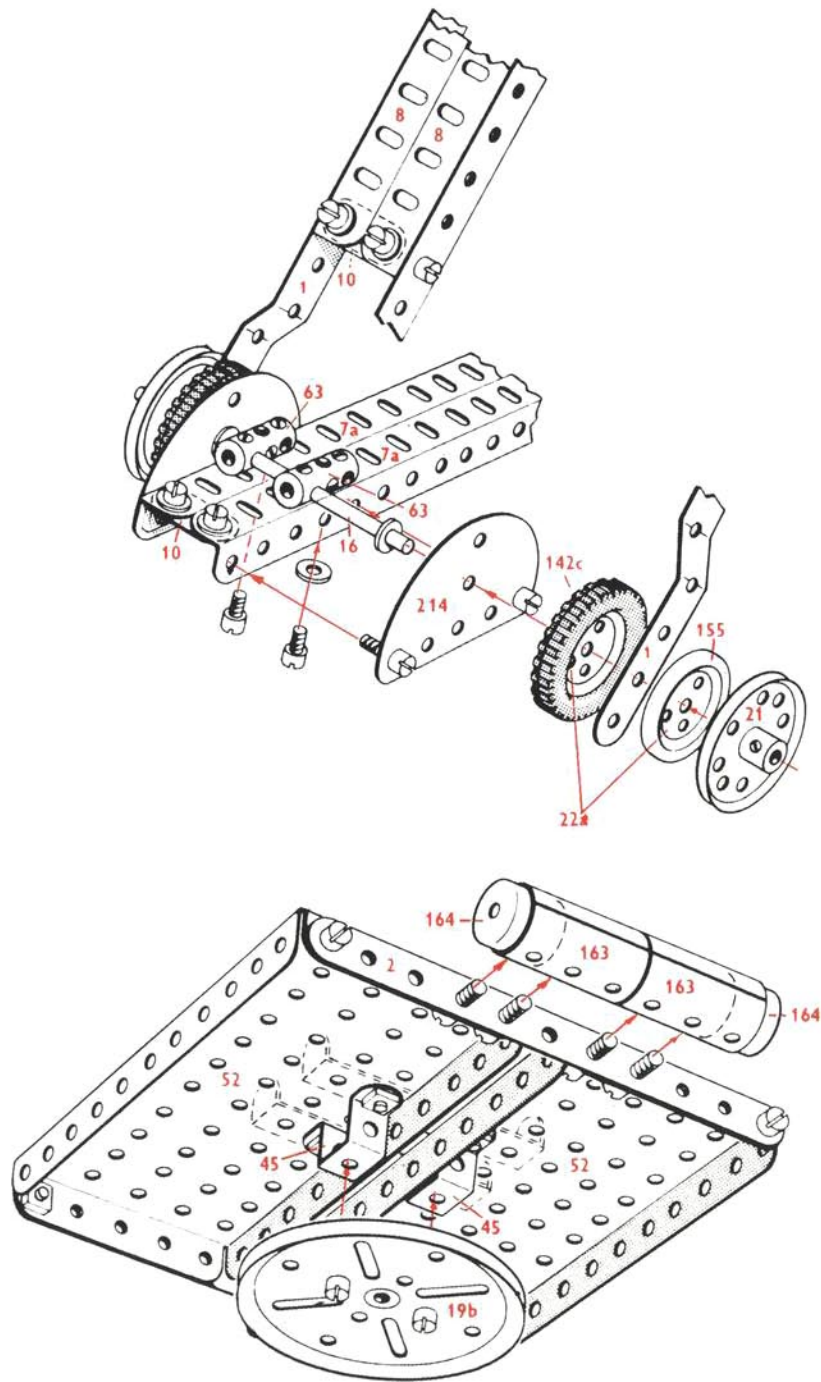
8.12 Elevated Platform Vehicle
Vehículo Plataforma Elevadiza
Veículo com Plataforma Levadiça
Servicefordon med rörlig plattform
Service Platform



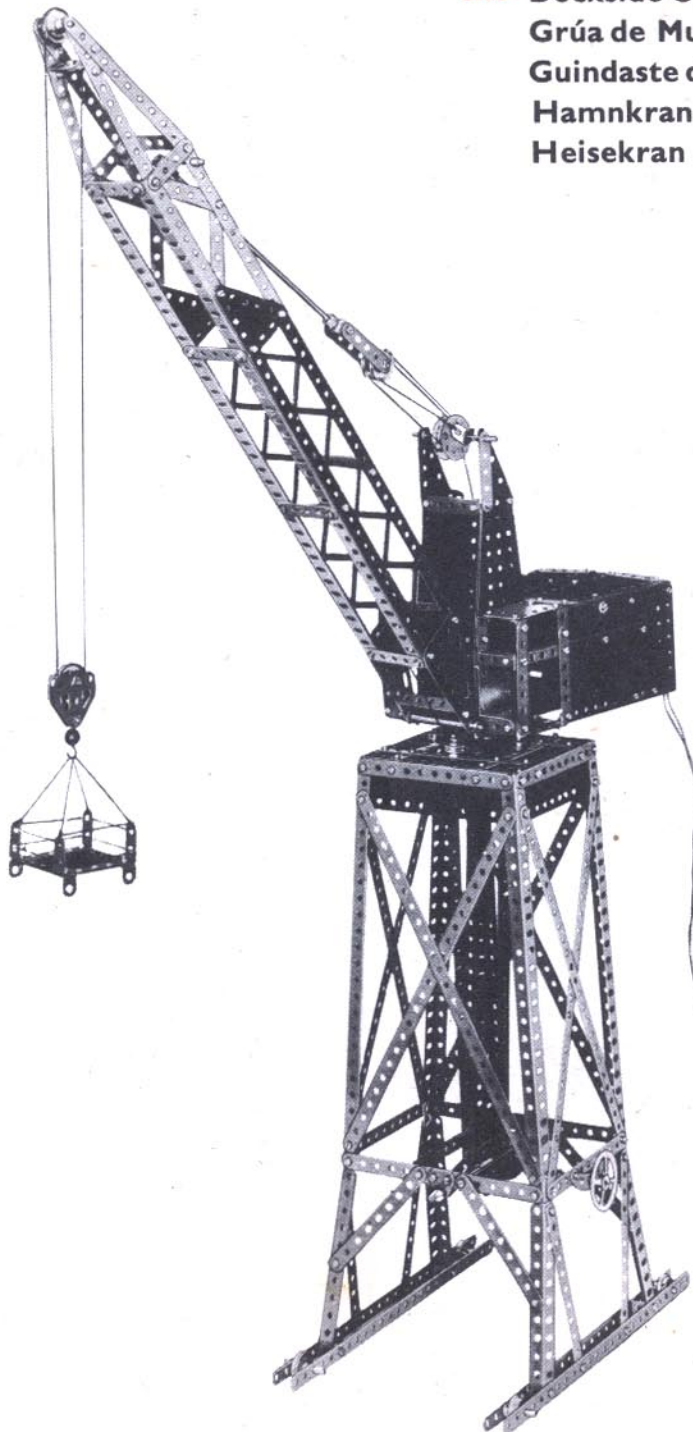
8.12

4	-	1	2	-	51
8	-	2	2	-	52
6	-	2a	4	-	53
5	-	3	2	-	53a
2	-	4	2	-	54
18	-	5	10	-	59
1	-	6	2	-	62
4	-	6a	5	-	63
2	-	7a	2	-	90
8	-	8	1	-	109
3	-	9	2	-	111
10	-	10	2	-	111a
4	-	11	6	-	111c
1	-	11a	1	-	115
15	-	12	2	-	115a
6	-	12a	2	-	125
2	-	12b	4	-	126
4	-	12c	3	-	126a
2	-	14	3	-	142a
1	-	15	4	-	142c
2	-	15a	2	-	147b
2	-	15b	4	-	155
3	-	16	1	-	160
3	-	18a	2	-	163
2	-	18b	2	-	164
2	-	19b	2	-	165
2	-	20	1	-	185
3	-	20a	2	-	186a
4	-	20b	4	-	187
2	-	21	8	-	188
4	-	22	4	-	189
4	-	22a	4	-	190
2	-	24a	2	-	191
2	-	24c	7	-	192
1	-	26	1	-	193c
2	-	27a	2	-	194
1	-	28	2	-	194a
265	-	37a	1	-	194c
255	-	37b	2	-	200
34	-	38	2	-	212
2	-	38d	2	-	212a
2	-	45	2	-	214
2	-	46	2	-	215
9	-	48a	4	-	221
6	-	48b	2	-	224
2	-	48c	3	-	235
2	-	48d			



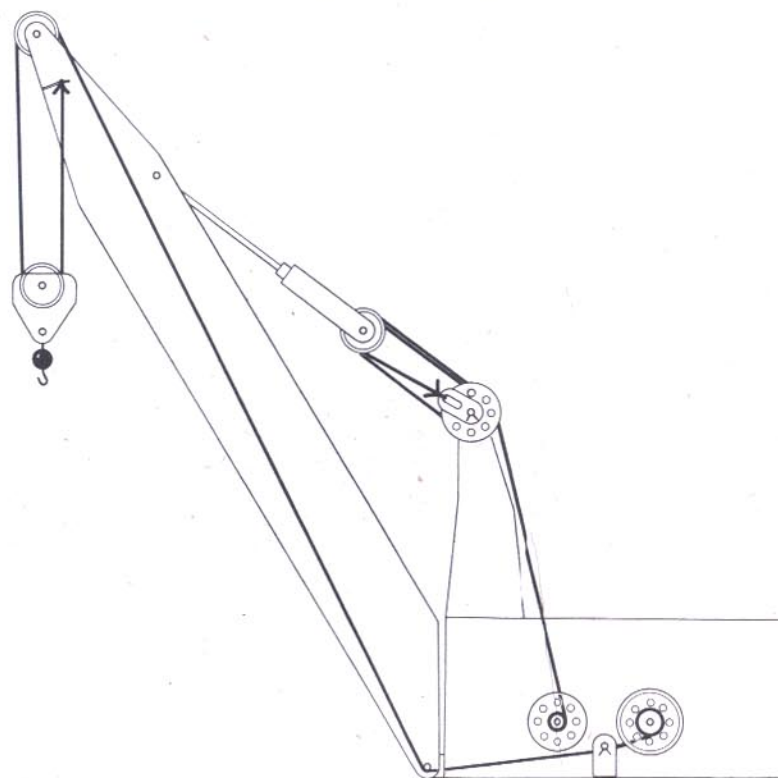


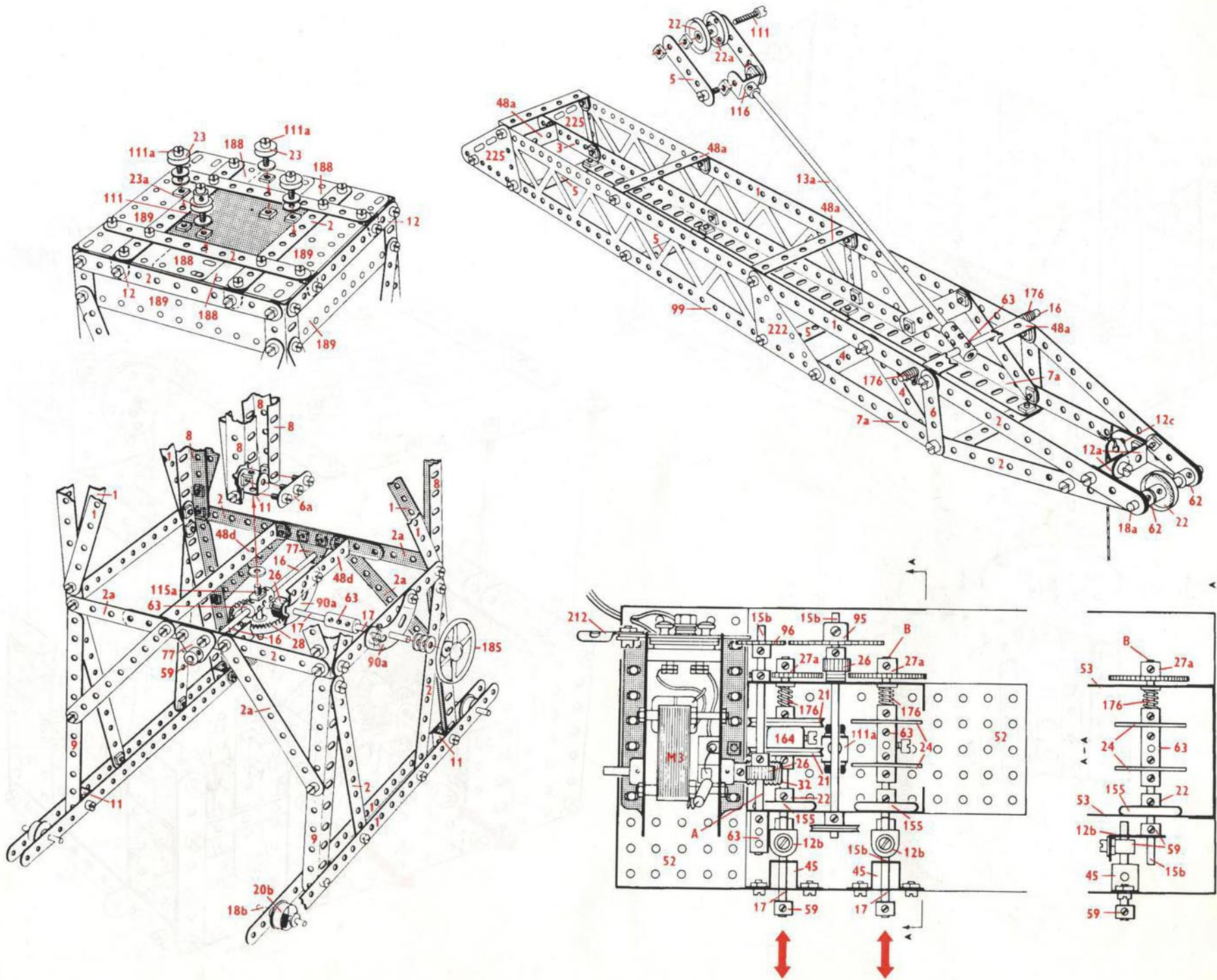
8.13 Docksie Crane
Grúa de Muelle
Guindaste de Cais
Hamnkran
Heisekran

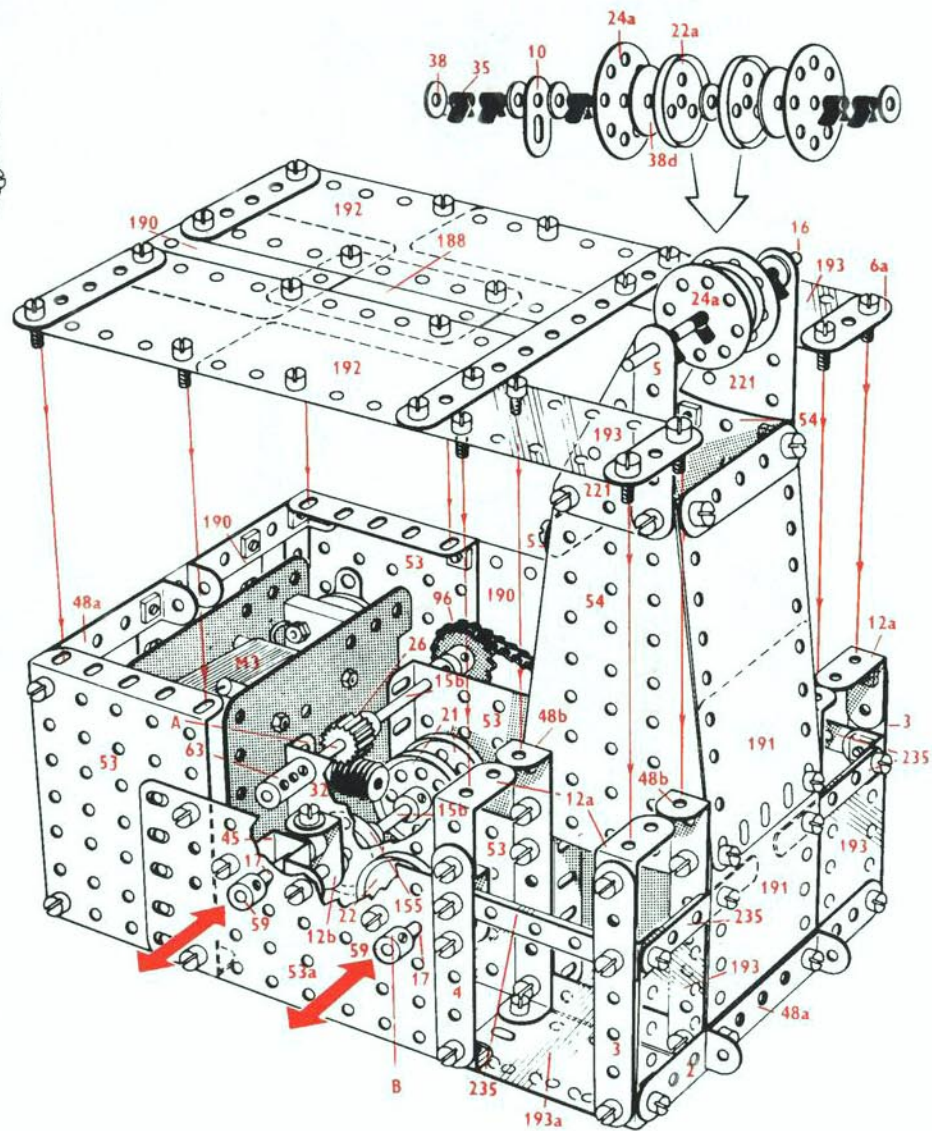
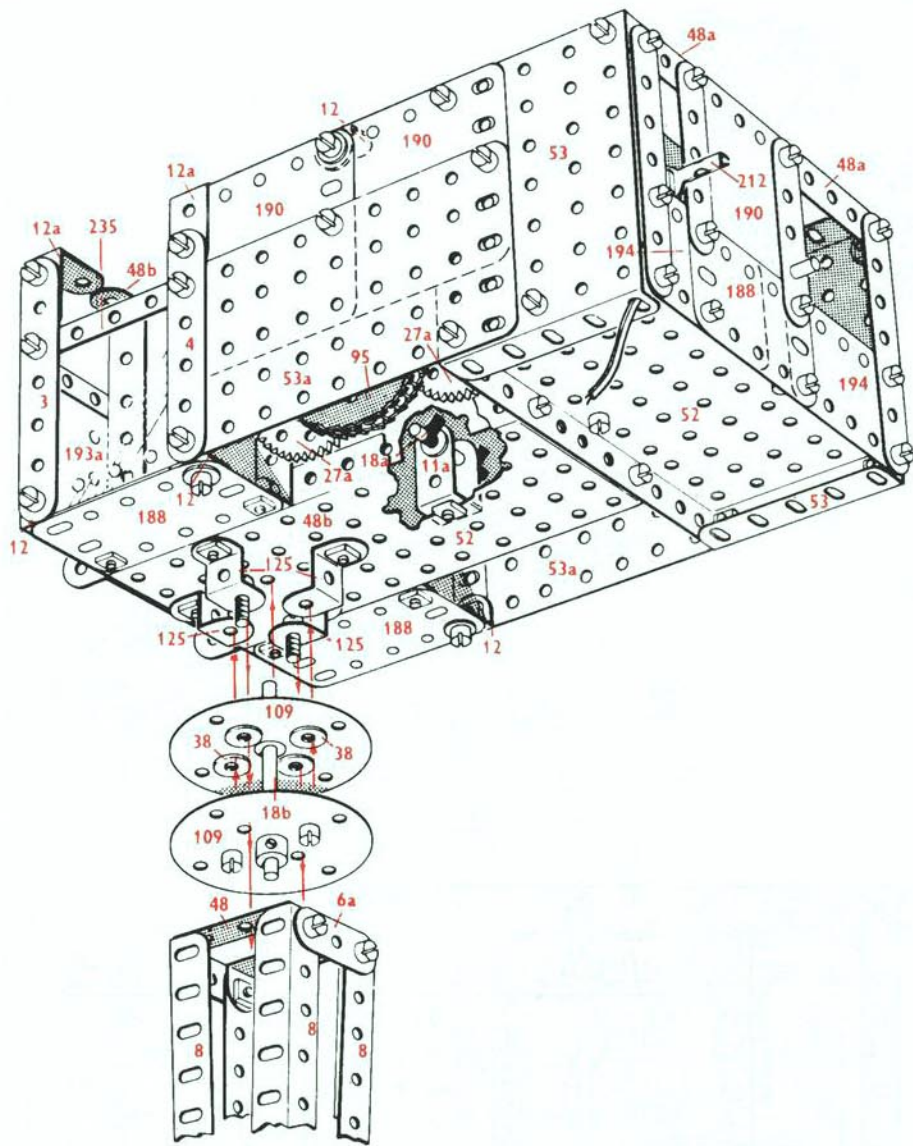


8.13

14	-	1	4	-	18a	10	-	48a	2	-	120b
21	-	2	2	-	18b	4	-	48b	4	-	125
6	-	2a	4	-	20b	2	-	48d	2	-	126a
6	-	3	2	-	21	2	-	52	2	-	155
6	-	4	5	-	22	4	-	53	1	-	160
16	-	5	4	-	22a	2	-	53a	1	-	164
2	-	6	3	-	23	2	-	54	2	-	165
6	-	6a	1	-	23a	1	-	57c	7	-	176
2	-	7a	2	-	24	10	-	59	:	-	185
8	-	8	2	-	24a	2	-	62	8	-	188
4	-	9	3	-	26	4	-	63	6	-	189
5	-	10	2	-	27a	2	-	77	5	-	190
5	-	11	1	-	28	2	-	90a	2	-	191
1	-	11a	1	-	32	1	-	94	2	-	192
15	-	12	11	-	35	1	-	95	2	-	193
6	-	12a	264	-	37a	1	-	96	2	-	193a
2	-	12b	237	-	37b	2	-	99	2	-	193d
1	-	12c	28	-	38	2	-	109	2	-	194
1	-	13a	2	-	38d	2	-	111	1	-	212
2	-	15a	1	-	40	6	-	111a	2	-	221
2	-	15b	2	-	45	3	-	111c	2	-	222
5	-	16	2	-	46	1	-	115a	2	-	225
5	-	17	2	-	48	1	-	116	4	-	235



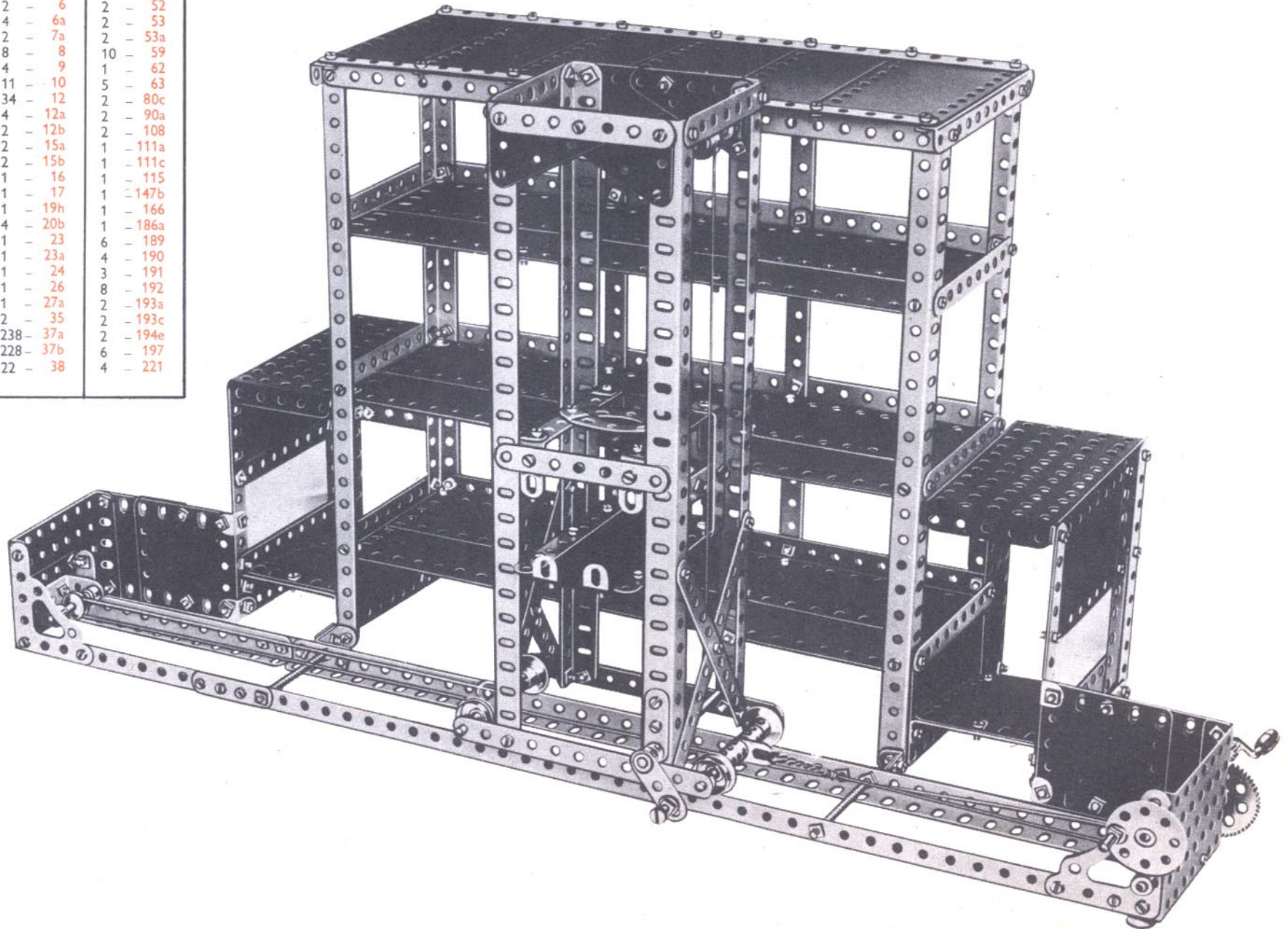


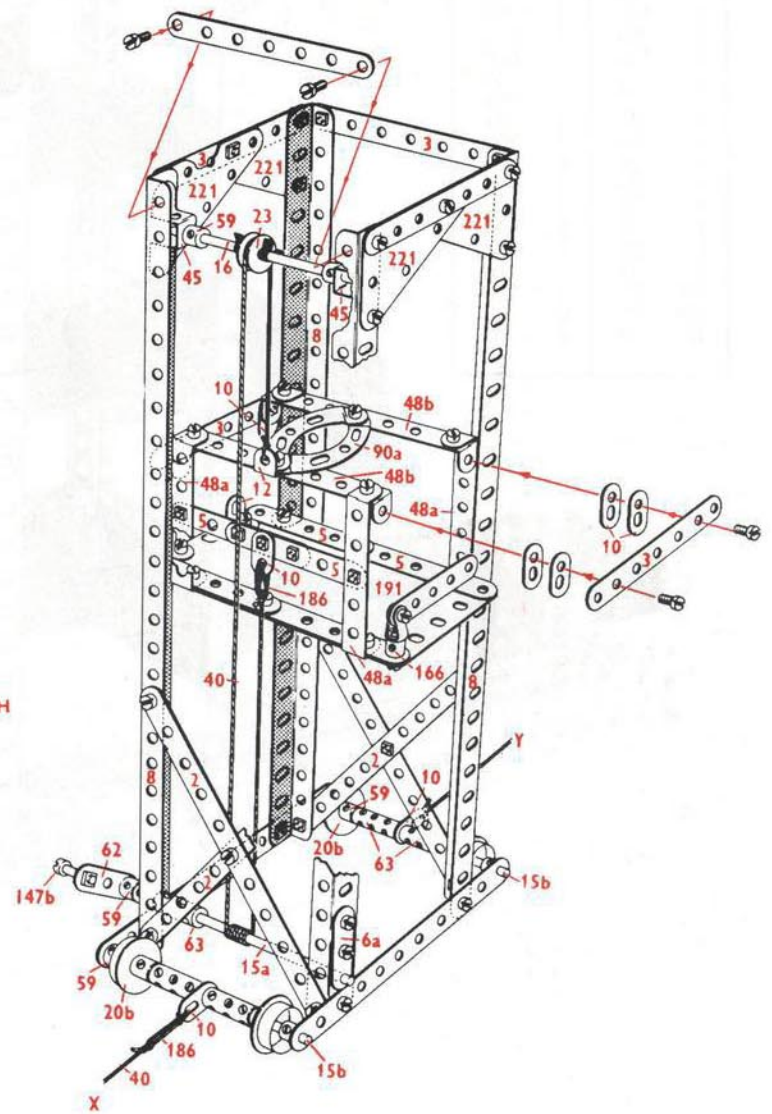
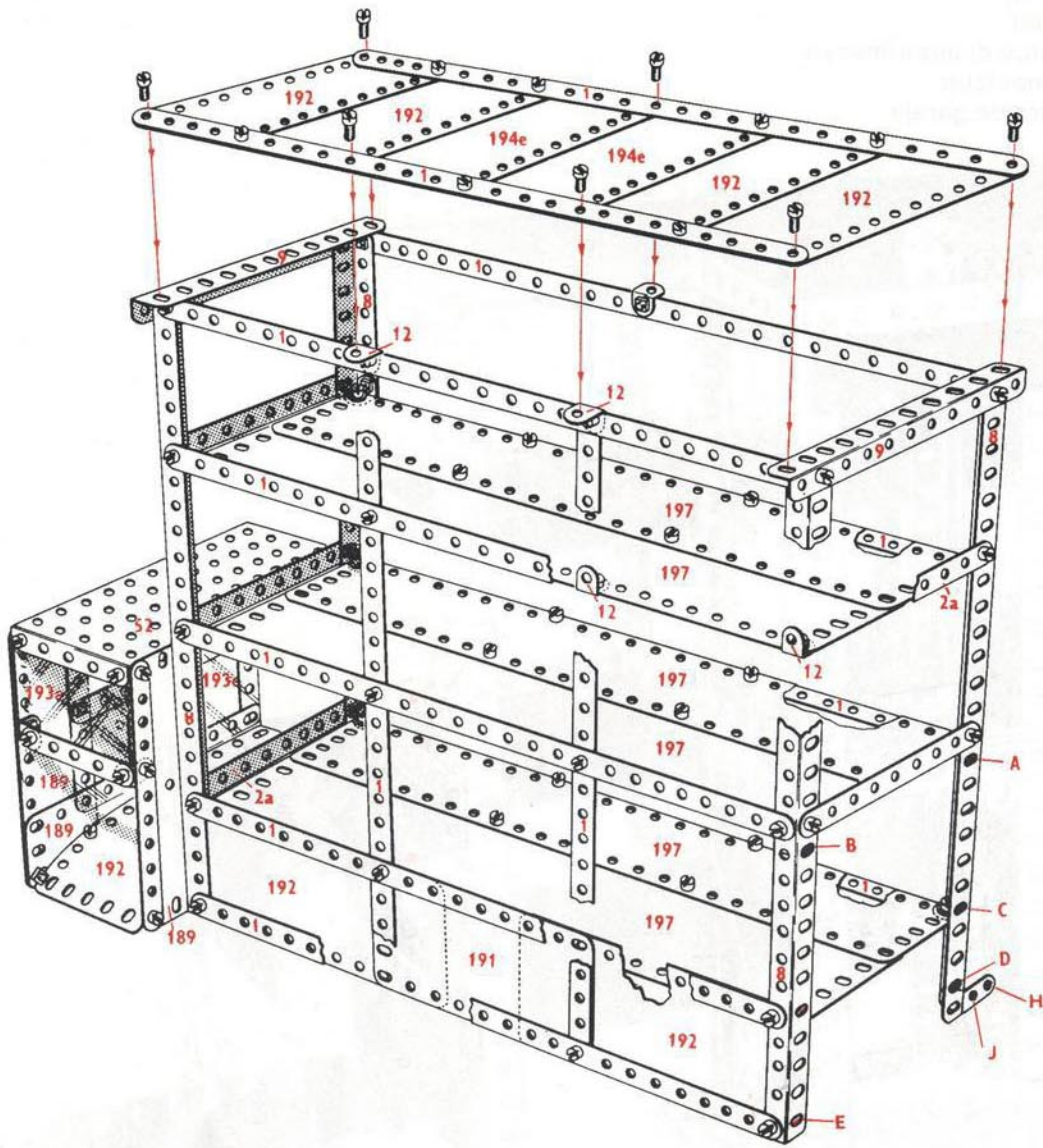


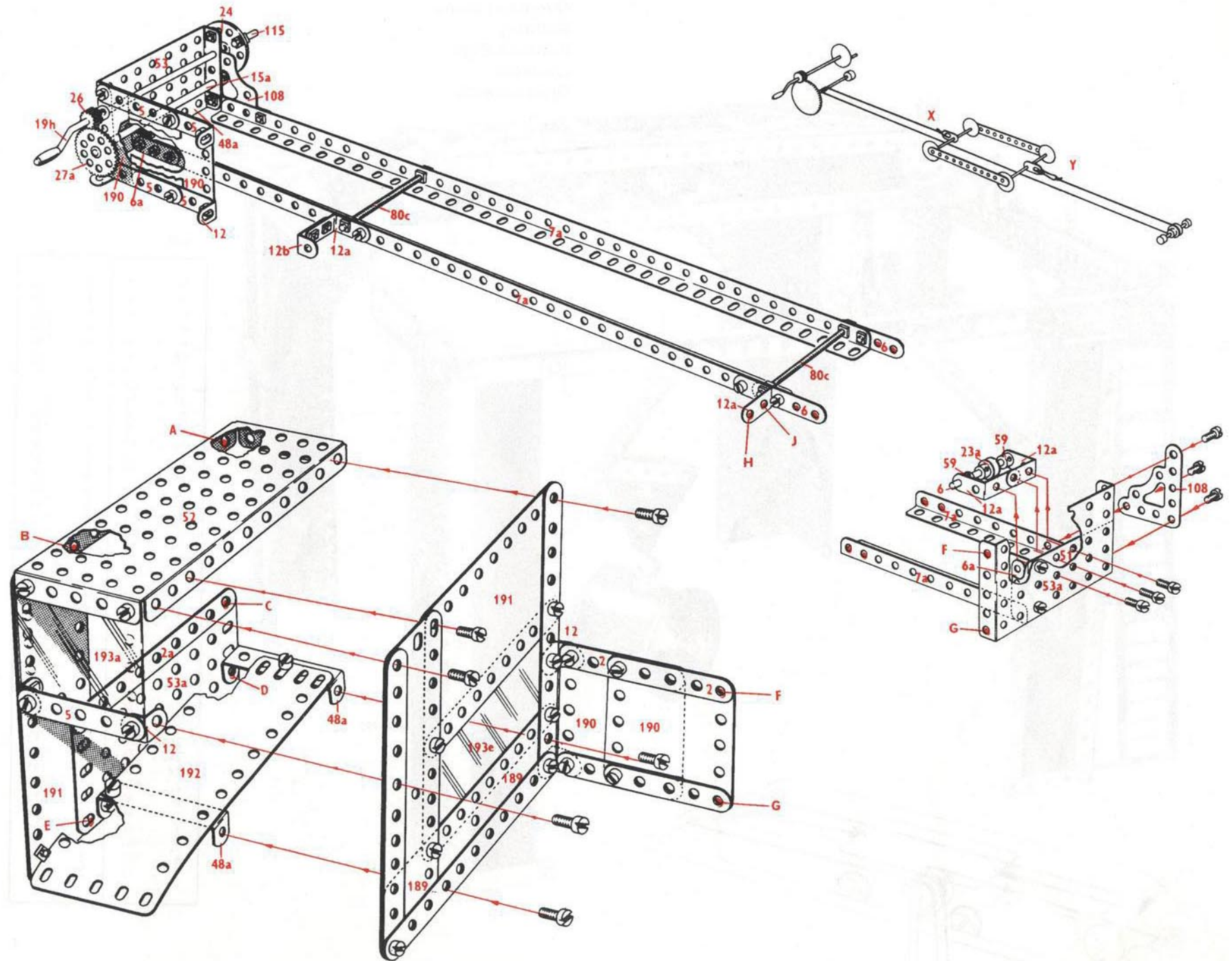
8.14

13 - 1	1 - 40
14 - 2	2 - 45
6 - 2a	9 - 48a
6 - 3	2 - 48b
18 - 5	1 - 51
2 - 6	2 - 52
4 - 6a	2 - 53
2 - 7a	2 - 53a
8 - 8	10 - 59
4 - 9	1 - 62
11 - 10	5 - 63
34 - 12	2 - 80c
4 - 12a	2 - 90a
2 - 12b	2 - 108
2 - 15a	1 - 111a
2 - 15b	1 - 111c
1 - 16	1 - 115
1 - 17	1 - 147b
1 - 19h	1 - 166
4 - 20b	1 - 186a
1 - 23	6 - 189
1 - 23a	4 - 190
1 - 24	3 - 191
1 - 26	8 - 192
1 - 27a	2 - 193a
2 - 35	2 - 193c
238 - 37a	2 - 194e
228 - 37b	6 - 197
22 - 38	4 - 221

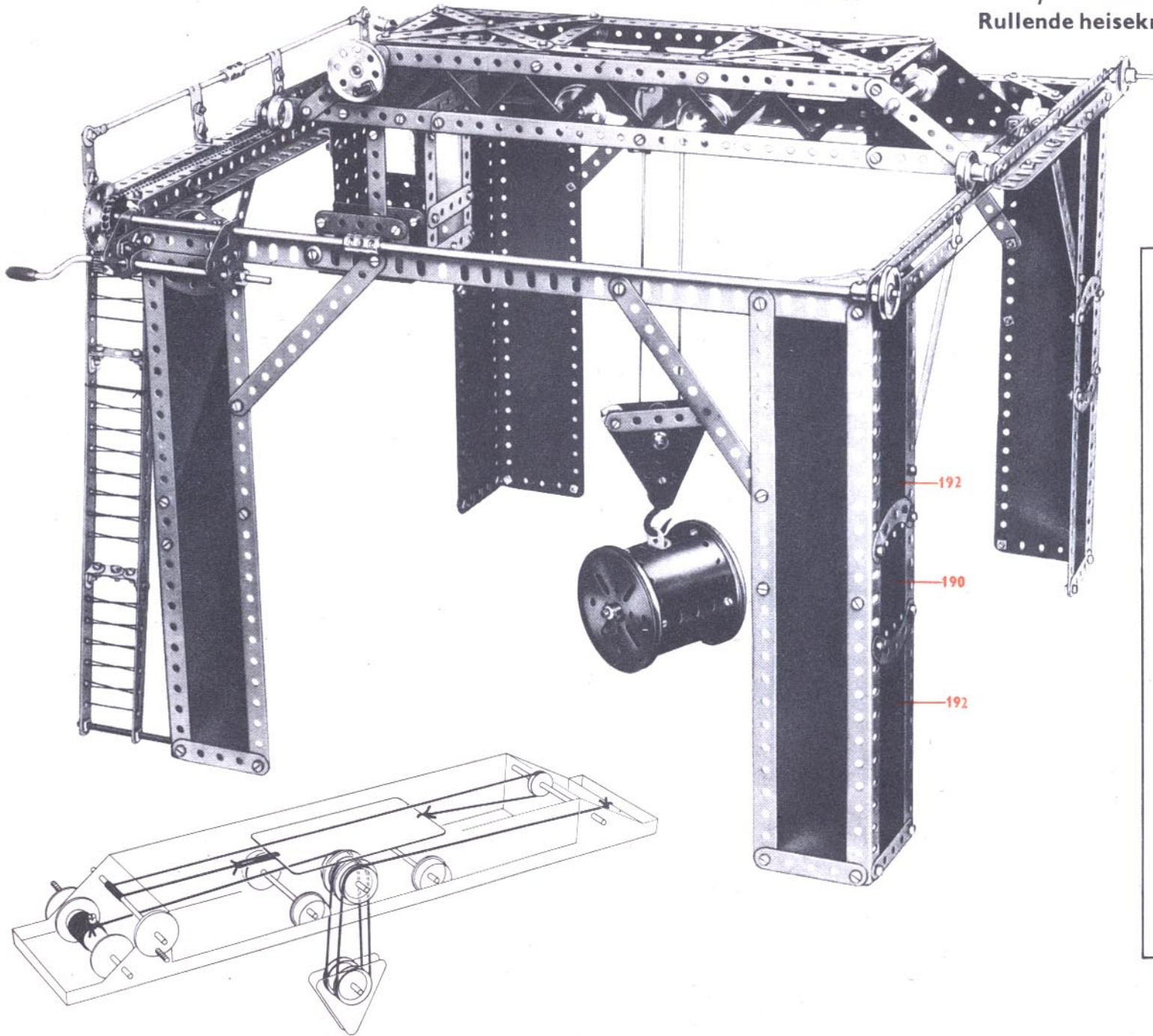
8.14 Elevated Car Park/Parque Elevado Parque Elevado para Automóveis/Bilhotell Bilhotel





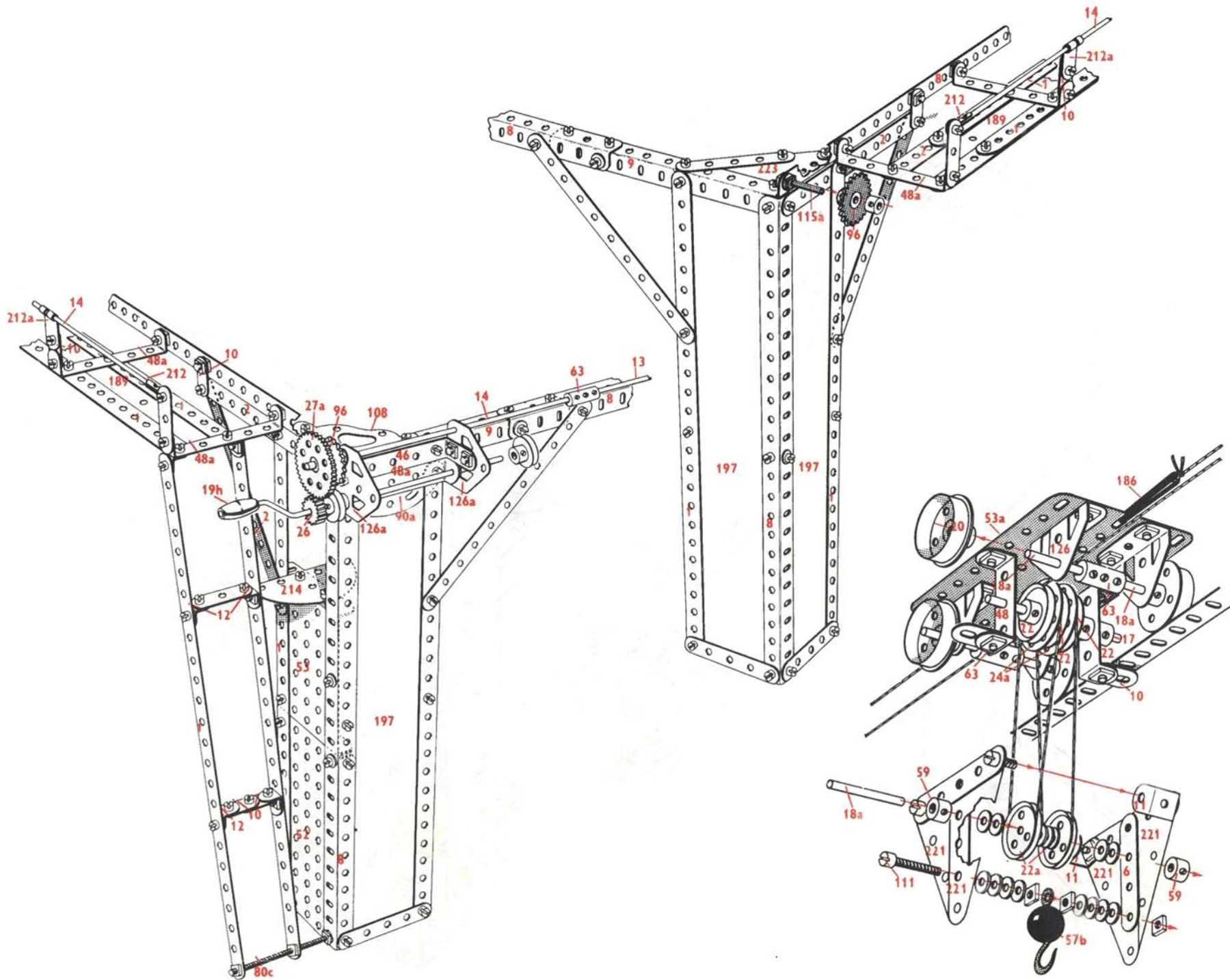


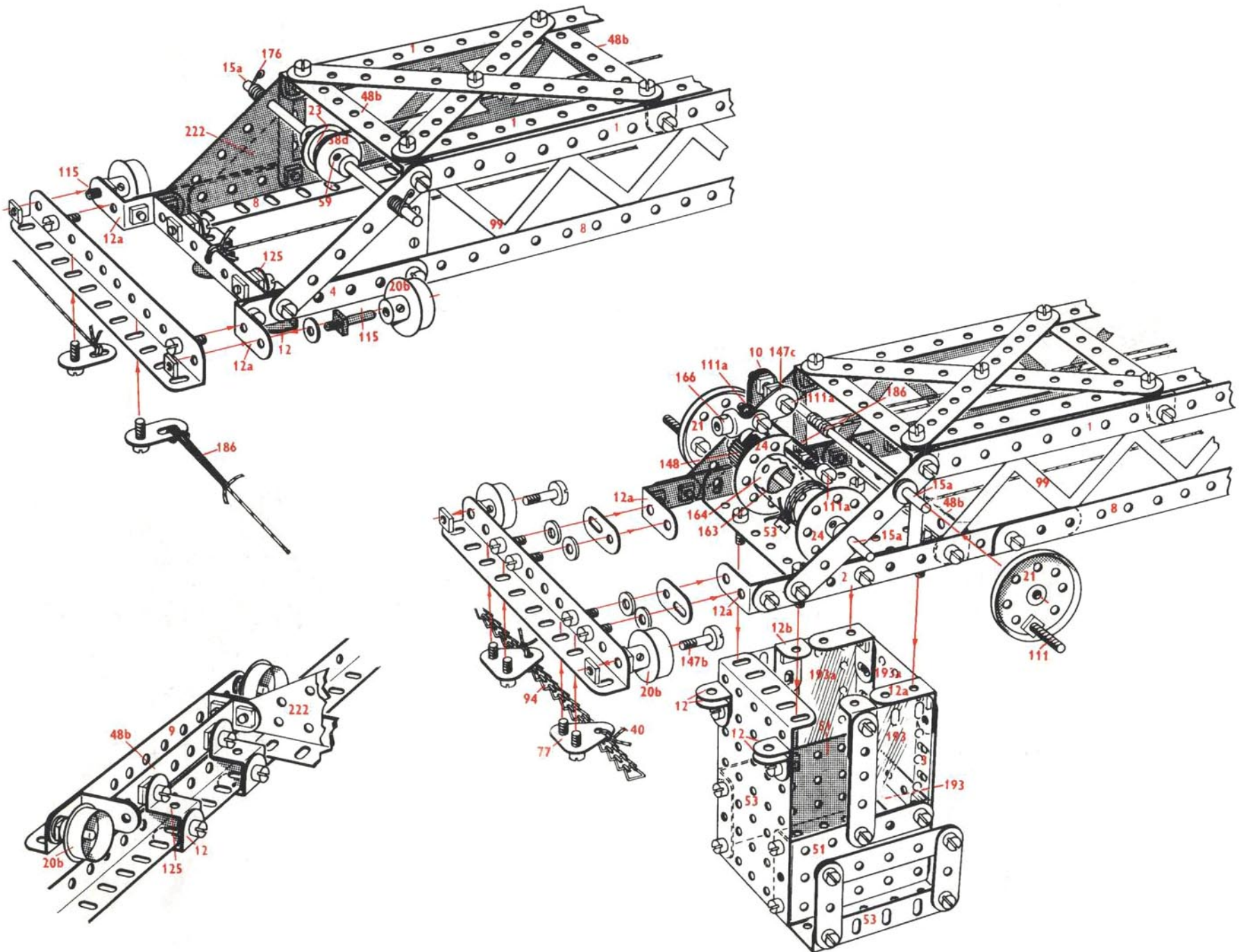
8.15 Travelling Gantry Crane/Grúa Corredora
Guindaste-Ponte Rolante/Traverskran
Rullende heisekran



8.15

14	-	1	1	-	52
20	-	2	4	-	53
6	-	2a	1	-	53a
2	-	3	1	-	57b
4	-	4	10	-	59
18	-	5	1	-	62
2	-	6	4	-	63
4	-	6a	2	-	77
2	-	7a	1	-	80c
8	-	8	5	-	90a
4	-	9	1	-	94
16	-	10	2	-	96
2	-	11	2	-	100
18	-	12	2	-	108
4	-	12a	3	-	111
1	-	13	3	-	111a
3	-	14	4	-	111c
3	-	15a	2	-	115
1	-	16	2	-	125
1	-	18a	4	-	126
2	-	19b	2	-	126a
1	-	19g	2	-	147b
4	-	20	1	-	147c
4	-	20b	1	-	163
2	-	21	2	-	164
4	-	22	1	-	166
3	-	22a	2	-	176
1	-	23	1	-	186
2	-	24	3	-	189
2	-	26	4	-	190
1	-	27a	4	-	192
265	-	37a	1	-	193
240	-	37b	2	-	193a
24	-	38	5	-	197
2	-	38d	2	-	199
2	-	40	2	-	212
1	-	46	2	-	212a
2	-	48	1	-	214
9	-	48a	4	-	221
6	-	48b	2	-	222
2	-	51	2	-	223

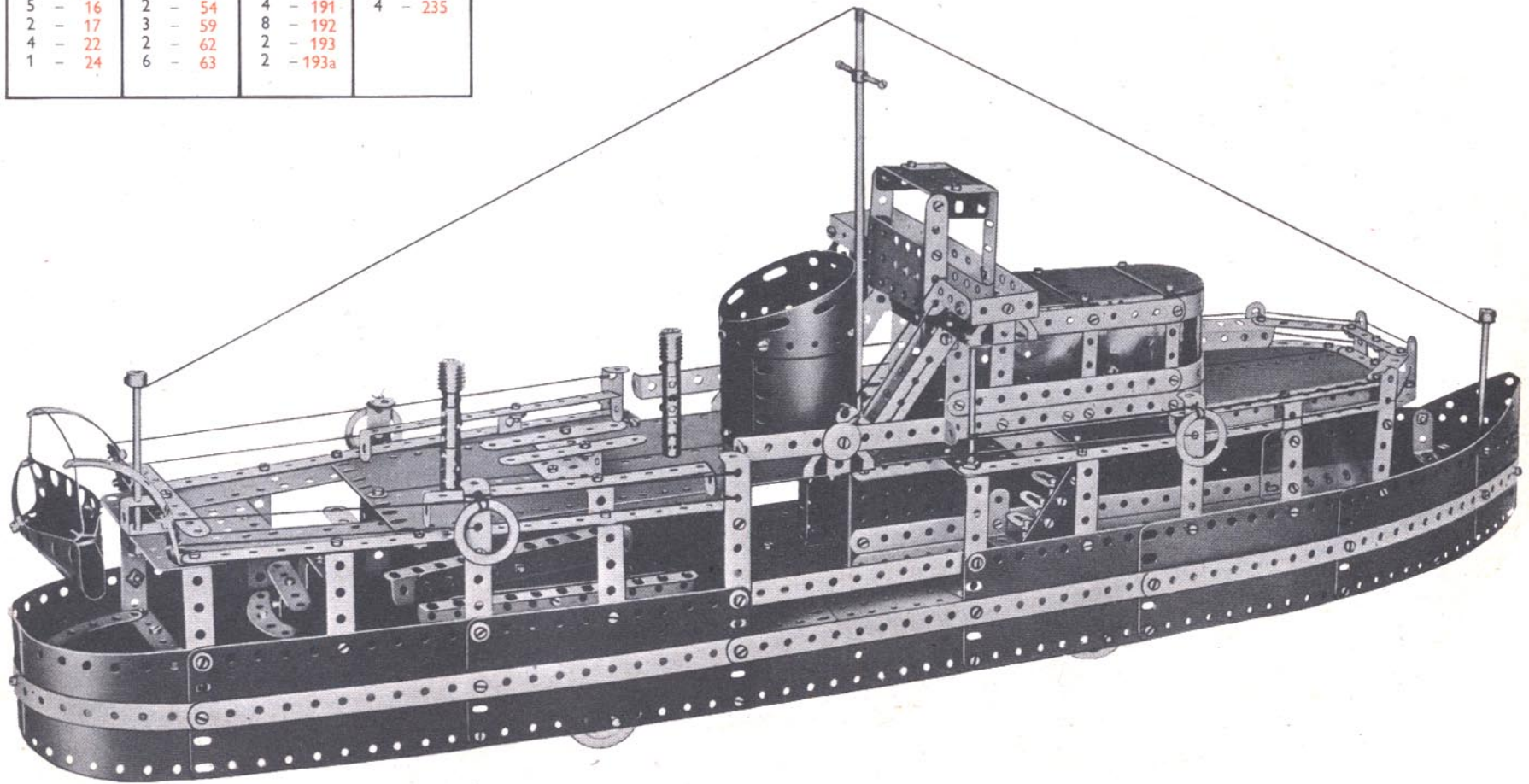


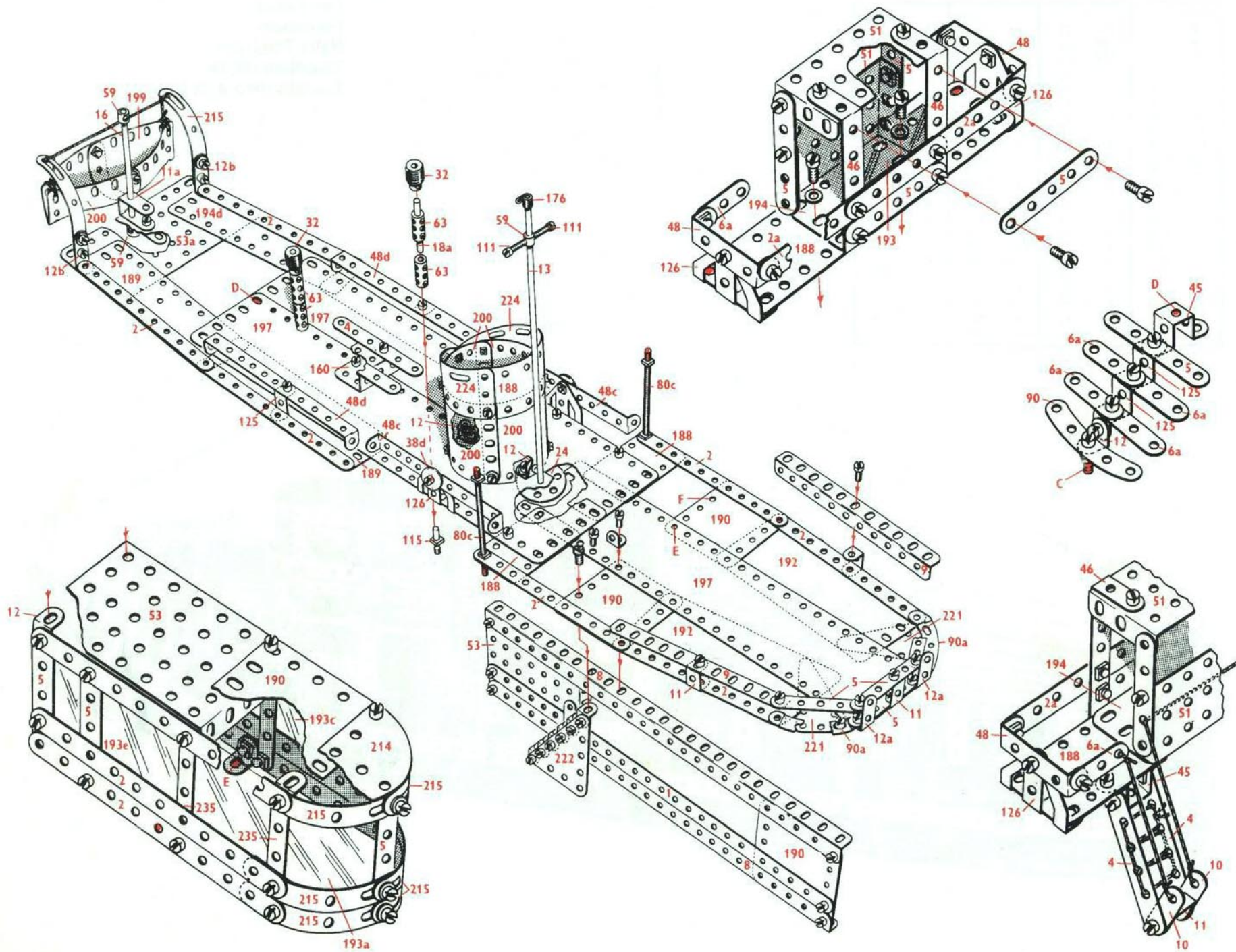


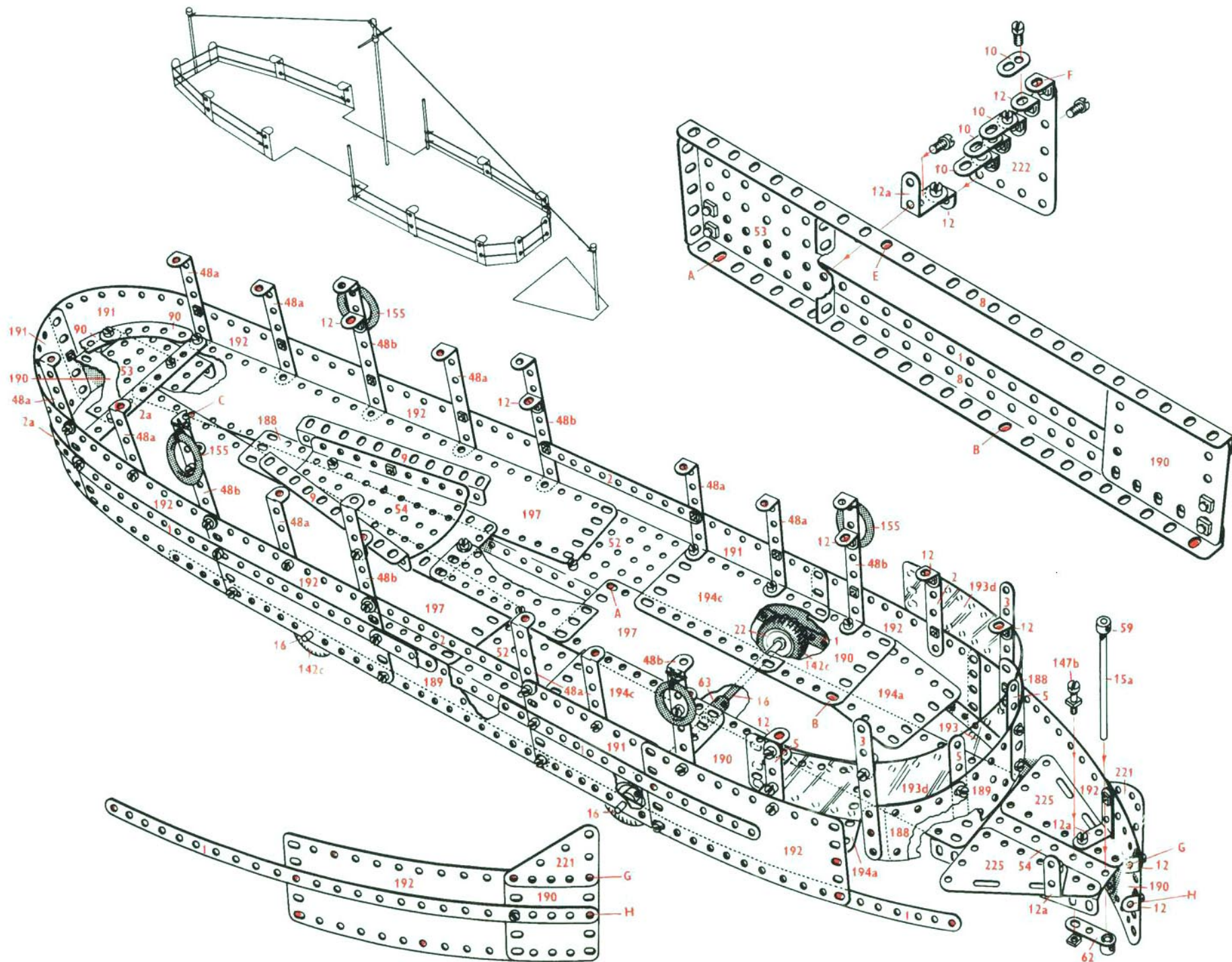
8.16 Ferry Boat
Vapor de Río
Barco de Río
Färja
Ferge

8.16

12 - 1	2 - 32	2 - 80c	1 - 193c
19 - 2	268 - 37a	4 - 90	2 - 193d
6 - 2a	257 - 37b	2 - 90a	1 - 193e
2 - 3	33 - 38	2 - 111	2 - 194
6 - 4	2 - 38d	2 - 111a	2 - 194a
19 - 5	2 - 40	1 - 111c	2 - 194c
6 - 6a	1 - 45	2 - 115	1 - 194d
4 - 8	2 - 46	4 - 125	2 - 194e
4 - 9	2 - 48	4 - 126	6 - 197
12 - 10	10 - 48a	4 - 142c	1 - 199
5 - 11	6 - 48b	1 - 147b	5 - 200
1 - 11a	2 - 48c	4 - 155	1 - 214
30 - 12	2 - 48d	1 - 160	8 - 215
6 - 12a	2 - 51	1 - 176	4 - 221
2 - 12b	2 - 52	7 - 188	2 - 222
1 - 13	4 - 53	6 - 189	2 - 224
1 - 15a	2 - 53a	10 - 190	2 - 225
5 - 16	2 - 54	4 - 191	4 - 235
2 - 17	3 - 59	8 - 192	
4 - 22	2 - 62	2 - 193	
1 - 24	6 - 63	2 - 193a	







Names and numbers of Meccano parts used in building models from Outfits Nos. 7 and 8

Nombres y números de las piezas Meccano que se usan en los modelos de los Equipos Nos. 7 y 8

Nomes e números das peças de Meccano incluídas nos Estojos Nos. 7 e 8

Namn och nummer på Meccanodelar som används i grundbygglådor nr 7 och 8

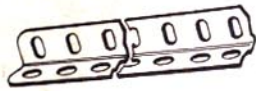
Navn og nummer på Meccanodeler som er brukt til å bygge modeller av sett nr. 7 og 8

Perforated Strip
Tiras perforadas
Tiras perforadas
Perforerad remsa
Perforert bånd



1 - 12 1/4"; 32 cm
2 - 5 1/2"; 14 cm
2a - 4 1/2"; 11.5 cm
3 - 3 1/2"; 9 cm
4 - 3"; 7.5 cm
5 - 2 1/2"; 6 cm
6 - 2"; 5 cm
6a - 1 1/2"; 38 mm

Angle Girder
Vigueta angular perforada
Esquadria
Vinkelskena
Rechtwinklet bjelke



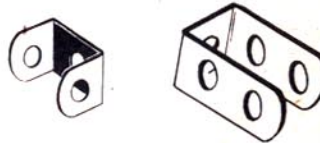
7 - 18 1/2"; 47 cm
8 - 12 1/2"; 32 cm
9 - 5 1/2"; 14 cm

Fishplate
Soporte plano
Suporte plano
Flat hållare
Skilleplate



10

Double Bracket
Soporte doble
Suporte duplo
Dubbelhållare
Doppelbracket



11 - 1 1/2" x 1 1/2"; 12 x 12 mm
11a - 1" x 1 1/2"; 25 x 12 mm

Angle Bracket
Soporte angular
Suporte angular
Vinkelhållare
Vinkelbracket



12 - 1 1/2" x 1 1/2"; 12 x 12 mm
12a - 1" x 1 1/2"; 25 x 25 mm
12b - 1" x 1 1/2"; 25 x 12 mm

Obtuse Angle Bracket
Soporte obtusangulo
Suporte angular obtuso
Vinkelhållare
Stump vinkelbracket



12c - 1 1/2" x 1 1/2"; 12 x 12 mm

Axle Rod
Varillas
Varetas de eixo
Axelstång
Akselstang



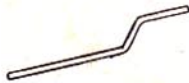
13 - 11 1/2"; 29 cm
13a - 8"; 20 cm
14 - 6 1/2"; 16.5 cm
15 - 5"; 13 cm
15a - 4 1/2"; 11.5 cm
15b - 4"; 10 cm
16 - 3 1/2"; 9 cm
17 - 2"; 5 cm
18a - 1 1/2"; 4 cm
18b - 1"; 2.5 cm

Pulley
Polea
Polia
Linhjul
Remskive



19b - 3"; 7.5 cm
20a - 2"; 5 cm

Crank Handle
Mango de cigüeña
Manivela
Vev
Sveivhåndtak



19s - 3 1/2"; 9 cm
19h - 5"; 13 cm

Flanged Wheel
Ruedas rebordeadas
Rodas rebordeadas
Flänshjul
Hjul med flens



20 - 1 1/2"; 28 mm
20b - 1 1/2"; 19 mm

Pulley (with boss)
Polea (con cubo)
Polia (com cubo)
Linhjul (med nav)
Drivhjul (med bössing)



21 - 1 1/2"; 38 mm
22 - 1"; 25 mm

Pulley (without boss)
Polea (sin cubo)
Polia (sem cubo)
Linhjul (utan nav)
Drivhjul (uten bössing)



22a - 1"; 25 mm

Pulley (with boss)
Polea (con cubo)
Polia (com cubo)
Linhjul (med nav)
Drivhjul (med bössing)



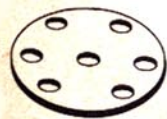
23 - 1 1/2"; 12 mm

Bush Wheel
Rueda con buje
Roda de bucha
Centerskiva
Bössinghjul



24 8 holes
8 agujeros
8 buracos
8 hål
8 hull

Wheel Disc
Disco de rueda
Disco de roda
Hjulskiva
Plate-hjul



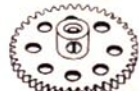
24a 8 holes
8 agujeros
8 buracos
8 hål
8 hull
24c 6 holes
6 agujeros
6 buracos
6 hål
6 hull

Pinion 19 teeth
Piñón 19 dientes
Pinhão 19 dentes
Drev 19 kuggar
Drev 19 tenner



26 - 1/2"; 12 mm diam.

Gear 57 teeth
Rueda dentada 57 dientes
Engrenagem 57 dentes
Kugghjul 57 kuggar
Tannhjul 57 tenner



27a - 1 1/4"; 38 mm diam.

Contrate Wheel
Ruedas catalinas
Engrenagem de coroa
Kronhjul
Tankrans, rettinklet



28 - 1 1/4"; 38 mm diam.
29 - 1 1/2"; 19 mm diam.

Worm
Engranaje sin fin
Rosca sem-fim
Snäckskruv
Snekterskrue



32 - 1/2"; 12 mm diam.

Spring Clip
Abrazadera de resorte
Grampo de mola
Fjäderklämna
Fjærklammer



35

Nut
Tuerca
Porca
Mutter



37a

Bolt
Perno
Parafuso
Bult



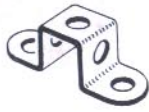
37b - 3/8"; 5 mm

Washer
Arandela
Arruela
Bricka
Mellomleggskive



38 38d - 1 1/2"; 19 mm

Double Bent Strip
Tira con doble encorvadura
Tira dobrada dupla
Dubbelsvinkelremsa
Bøyle med ører



45

Double Angle Strip
Tira doblada
Tira dobrada dupla
Dubbelsvinkelremsa
Dubbelsvinkelbarre



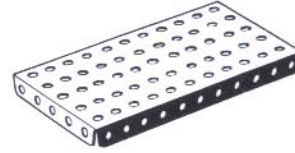
46 - 2 1/2" x 1"; 60 x 25 mm
48 - 1 1/2" x 1"; 38 x 12 mm
48a - 2 1/2" x 1"; 60 x 12 mm
48b - 3 1/2" x 1"; 90 x 12 mm
48c - 4 1/2" x 1"; 115 x 12 mm
48d - 5 1/2" x 1"; 140 x 12 mm

Flanged Plate
Placa rebordeada
Flänsplåt
Plate med kant



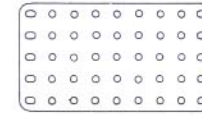
51 - 2 1/2" x 1 1/2"; 60 x 38 mm
53 - 3 1/2" x 2 1/2"; 9 x 6 cm

Flanged Plate
Placa rebordeada
Flänsplåt
Plate med kant



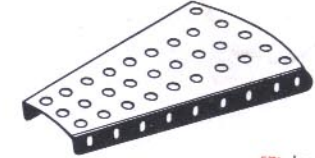
52 - 5 1/2" x 2 1/2"; 14 x 6 cm

Flat Plate
Placa plana
Flat plåt
Plate



53a - 4 1/2" x 2 1/2"; 11.5 x 6 cm

Flanged Sector Plate
Placa de sector rebordeada
Placa rebordeada de sector
Flänssektorplåt
Avsmalnande plate med kant



54 - 4 1/2"; 11.5 cm

Loaded Hook
Gancho cargado
Gancho chumbado
Belastad krok
Krok med lodd



57b large
larga
grande
större
stor

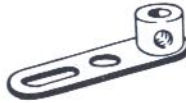
57c small
pequeño
pequeno
mindre
liten

Collar
Colar
Stoppring m. klämskruv
Kragestykke



59

Crank
Cigüeña
Cotovelo
Vevarm
Sveiv



62

Coupling
Acoplamiento
Engate
Koppling
Kopplingsstykke



63

Triangular Plate
Placa triangular
Trekantig plåt
Trekantet plate



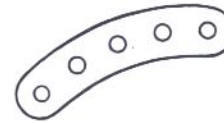
77 - 1"; 2.5 cm

Screwed Rod
Varilla roscada
Vareta roscada
Gängad axelstäng
Skrustång



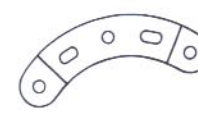
79a - 6"; 15 cm
80c - 3"; 7.5 cm

Curved Strip
Tira curva
Bågremsa
Buet barre



90

Curved Strip (Stepped)
Tira curva (acodada)
Tira curva (de cotovelo)
Bågremsa, bockad
Buet barre



90a

Sprocket Chain
Cadena para Erizo
Corrente para engrenagens
Kedja
Kjetting for kjedehjul



94

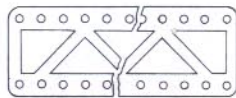
Sproket Wheel
Ruedas de Erizo
Rodas de engrenas correntes
Kjedehjul
Kjedehjul



95 - 2"; 5 cm
96 - 1"; 2.5 cm
96a - 1/2"; 19 mm

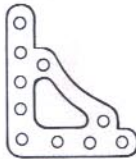
36 teeth
dientes
18 dentes
14 kugger
tenner

Braced Girder
Vigueta calada
Viga entalhada
Fackverksremsa
Avstivet barre



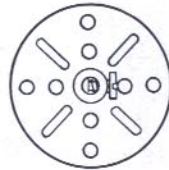
99 - 12 1/2"; 32 cm

Corner Gusset
Soporte de Rincón
Arquitrave
Arkitrav
Hjørnestativ



108

Face Plate
Placa frontal
Planskiva
Frontskive



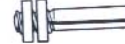
109

Bolt
Perno
Parafuso
Bult



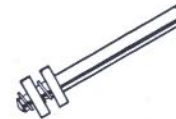
111 - 3/4"; 19 mm
111a - 1/2"; 12 mm
111c - 5/8"; 9.5 mm

Threaded Pin
Clavija roscada
Pino roscado
Gängad tapp
Gjenget pinne



115

Threaded Pin (long)
Clavija roscada (larga)
Pino roscado
(comprido)
Gängad tapp (lång)
Gjenget pinne (lång)



115a

Fork Piece
Estribo de conexión
Garfo de ligação
Gaffel
Bøyle



116 large
larga
grande
större
stor



116a small
pequeño
pequeno
mindre
liten

Compression Spring
Cuerda de
compresión
Mola de compressão
Spiralfjäder
Klemfjær



120b

Reversed Angle Bracket
Soporte angular inverso
Suporte angular invertido
Omvänd vinkelhållare
Tilbakevendt vinkelbrakett



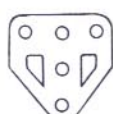
125

Trunnion
Muñon
Cantoneira
Vinkelbockad fästplåt
Svingestykke



126

Flat Trunnion
Muñon plano
Aleta
Flat fästplåt
Flatt svingestykke



126a

Motor Tyre
Neumático para rueda
Pneu de auto
Däck
Bilring



142a - 2"; 5 cm
142c - 1"; 2.5 cm

Pivot Bolt
Perno pivotante
Parafuso pivotante
Tappbult
Tapp-bolt



147b

Pawl (without boss)
Trinquete sin cubo
Unha de catraca sem cubo
Spærrhake utan nav
Pål, uten bøsning



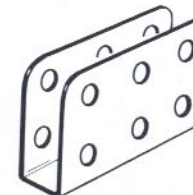
147c

Rubber Ring
Anillo de caucho
Aro de borracha
Gummiring
Gummiring



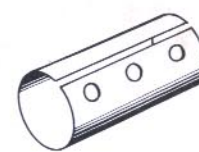
155 - 1"; 2.5 cm

Channel Bearing
Soporte U
Suporte em U
Dubbel lagerbock
Kanal-bærestykke



160 - 1 1/2" x 1" x 1/2"; 38 x 25 x 12 mm

Sleeve piece
Enchufe
Manga
Cylinderrör
Muffe



163 - 1 1/2" x 1/2"; 38 x 17 mm



164

Names and numbers of Meccano parts used in building models from Outfits Nos. 7 and 8

Nombres y números de las piezas Meccano que se usan en los modelos de los Equipos Nos. 7 y 8

Nomes e números das peças de Meccano incluídas nos Estojos Nos. 7 e 8

Namn och nummer på Meccanodelar som används i grundbygglådor nr 7 och 8

Navn og nummer på Meccanodeler som er brukt til å bygge modeller av sett nr. 7 og 8

Swivel Bearing
Acoplamiento torniquete
Mancal com jogo
Ledkoppling
Svinglager



165

End Bearing
Soporte frontal
Mancal terminal
Ändlager
Endelager



166

Adaptor for Screwed Rod
Adaptador para varilla roscada
Adaptador para vareta roscada
Skruvnippel för gängad axelstang
Sluttstykke for gjenget stang



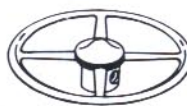
173a

Anchoring Spring
Resorte de engancho para cuerda
Mola de prender cordel
Förankringsfjäder för Meccano-snöre
Ankerfjær



176

Steering Wheel
Rueda de Mando
Volante de direcção
Ratt



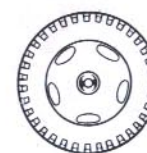
185

Driving Band
Correas de impulsión
Correias de transmissão
Drivrem
Drivbelt



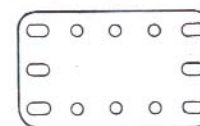
186 - 2½"; 6.5 cm
186a - 6"; 15 cm
186b - 10"; 25 cm

Road Wheel
Rueda de auto
Roda de auto
Vagnshjul
Vognhjul



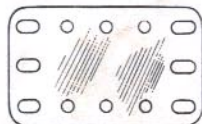
187

Flexible Plate
Placa flexível
Placa flexivel
Bøjlig plåt
Bøylig plate



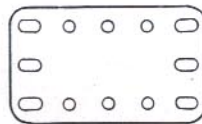
188 - 2½" × 1½"; 6 × 4 cm
189 - 5½" × 1½"; 14 × 4 cm
190 - 2½" × 2½"; 6 × 6 cm
191 - 4½" × 2½"; 11.5 × 6 cm
192 - 5½" × 2½"; 14 × 6 cm

Plastic Plate (Transparent)
Placa plastica (transparente)
Placa de plastico (transparente)
Plastplåt (transparent)
Plast-plate (gjennomsiktig)



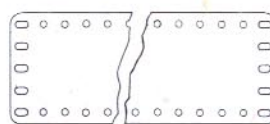
193 - 2½" × 1½"; 6 × 4 cm
193a - 2½" × 2½"; 6 × 6 cm
193c - 4½" × 2½"; 11.5 × 6 cm
193d - 5½" × 1½"; 14 × 4 cm
193e - 5½" × 2½"; 14 × 6 cm

Plastic Plate (Black)
Placa plastica (negra)
Placa de plástico (preto)
Plastplåt (svart)
Plastplate (sort)



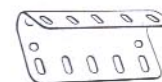
194 - 2½" × 1½"; 6 × 4 cm
194a - 2½" × 2½"; 6 × 6 cm
194c - 4½" × 2½"; 11.5 × 6 cm
194d - 5½" × 1½"; 14 × 4 cm
194e - 5½" × 2½"; 14 × 6 cm

Strip Plate
Placa universal
Placa-tira
Universalplåt
Barre-plate



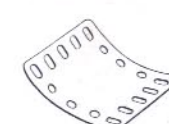
197 - 12½" × 2½"; 32 × 6 cm

Curved Plate (U-section)
Placa curva en U
Placa curva em U
Bågplåt
Buet plate (U-profil)



199 - 2½" × 2½"; 6 × 6 cm

Curved Plate
Placa curva
Placa curva
Bågplåt
Buet plate



200 - 2½" × 2½"; 6 × 6 cm

Rod and Strip Connector
Pieza de conexión para varillas y tiras
Junção de vareta e tira
Stång-och remsaförbindning
Stang og barre forbinder



212

Rod and Strip Connector (right angle)
Pieza de conexión para varillas y tiras (angulo recto)
Junção de vareta e tira (angulo recto)
Stång-och remsaförbindning (rätvinklig)
Stang og barre forbinder (rettvinklet)



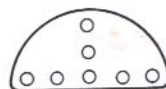
212a

Rod Connector
Pieza de conexión para varillas
Luva de varetas
Stångförbindning
Stangforbinder



213

Semi-Circular Plate
Placa semi-circular
Placa semi-circular
Halvcirkelplåt
Halvsirkelformet plate



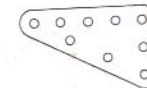
214 - 2½"; 6 cm

Formed Slotted Strip
Tira curvada con muesca
Tira curvada con ranhuras
Formad remsa med springer
Tilformet barre med slisser



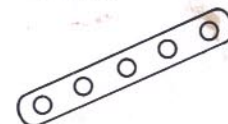
215

Triangular Flexible Plate
Placa flexible triangular
Placa flexivel triangular
Trekantig bøjlig plåt
Trekantet bøylig plate



221 - 2½" × 1½"; 6 × 4 cm
222 - 2½" × 2½"; 6 × 5 cm
223 - 2½" × 2½"; 6 × 6 cm
224 - 3½" × 1½"; 9 × 4 cm
225 - 3½" × 2"; 9 × 5 cm

Narrow Strip
Tira estrecha
Tira estreita
Smal remsa
Smalt bånd



235 - 2½" × 1½"; 60 × 9 mm