

MECCANO®

BOOK OF MODELS

VOORBEELDENBOEK

LIVRE DES MODÈLES

LIBRO DEI MODELLI

MODELLBUCH

MODELLBOK

LIBRO DE MODELOS

LIVRO DE MODELOS

MODELLBOK

9

Complete list of Meccano Parts
Komplete lijst van Meccano-onderdelen
Liste complète des pièces Meccano
Distinta delle componenti del Corredo Meccano
Vollständige Liste der Meccano-Teile
Fullständig förteckning över Meccanodelar
Lista completa de piezas de Meccano
Lista completa de peças do Meccano
Komplett liste over Meccanodeler



- 5 PERFORATED STRIPS 6**
- | | |
|------------------|---------------|
| 1 - 12½"; 32 cm | 3 - 3½"; 9 cm |
| 1a - 9½"; 24 cm | 4 - 3"; 7½ cm |
| 1b - 7½"; 19 cm | 5 - 2½"; 6 cm |
| 2 - 5½"; 14 cm | 6 - 2"; 5 cm |
| 2a - 4½"; 11½ cm | 6a 1½"; 38 mm |



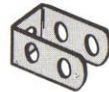
- 9c ANGLE GIRDERS**
- | | |
|------------------|------------------|
| 7 - 24½"; 62 cm | 9a - 4½"; 11½ cm |
| 7a - 18½"; 47 cm | 9b - 3½"; 9 cm |
| 8 - 12½"; 32 cm | 9c - 3"; 7½ cm |
| 8a - 9½"; 24 cm | 9d - 2½"; 6 cm |
| 8b - 7½"; 19 cm | 9e - 2"; 5 cm |
| 9 - 5½"; 14 cm | 9f - 1½"; 38 mm |



FISHPLATE 10



DOUBLE BRACKET 11 - ½" × ½"; 12 × 12 mm



DOUBLE BRACKET 11a - 1" × ½"; 25 × 12 mm



12 ANGLE BRACKETS
 12 - ½" × ½"; 12 × 12 mm
 12a - 1" × 1"; 25 × 25 mm
 12b - 1" × ½"; 25 × 12 mm



ANGLE BRACKET (OBTUSE) 12c - ½" × ½"; 12 × 12 mm



- AXLE RODS**
- | | |
|-------------------|------------------|
| 13 - 11½"; 29 cm | 16 - 3½"; 9 cm |
| 13a - 8"; 20 cm | 16a - 2½"; 6 cm |
| 14 - 6½"; 16½ cm | 16b - 3"; 7½ cm |
| 14a - 5½"; 14 cm | 17 - 2"; 5 cm |
| 15 - 5"; 13 cm | 18a - 1½"; 38 mm |
| 15a - 4½"; 11½ cm | 18b - 1"; 25 mm |
| 15b - 4"; 10 cm | |



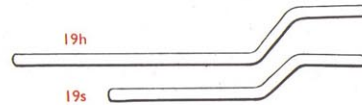
SPOKED WHEEL 19a - 3"; 75 mm



PULLEYS 19b - 3"; 75 mm
20a - 2"; 5 cm



PULLEY 19c - 6"; 15 cm



19h CRANK HANDLE 19h - 5"; 13 cm
19s - 3½"; 9 cm



20 - 1½"; 28 mm



20b - ¾"; 19 mm



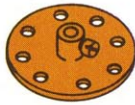
21 - 1½"; 38 mm



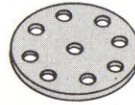
22 - 1"; 25 mm



22a - 1"; 25 mm
23 & 23b PULLEYS 23a - ½"; 12 mm
23b metal - ½"; 12 mm



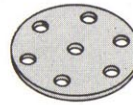
BUSH WHEEL 24 - 1½"; 34 mm



24a - 1½"; 34 mm



BUSH WHEEL 24b - 1½"; 34 mm



24c - 1½"; 34 mm



- PINIONS**
- | |
|---------------------------|
| 25 - ¾" × ½"; 19 × 6 mm |
| 25a - ¾" × ½"; 19 × 12 mm |
| 25b - ¾" × ½"; 19 × 19 mm |
| 26 - ¾" × ½"; 12 × 6 mm |
| 26a - ¾" × ½"; 12 × 12 mm |
| 26b - ¾" × ½"; 12 × 19 mm |
| 26c - ¾" × ½"; 11 × 6 mm |



27 GEAR WHEELS 27 - 1½"; 32 mm
27a - 1½"; 38 mm
27d - 1½"; 41 mm



27d GEAR WHEELS 27b - 3½"; 9 cm
27c - 2½"; 6 cm



27c



27 MULTI-PURPOSE GEAR WHEEL



28 CONTRATE WHEEL 28 - 1½"; 38 mm
29 - ¾"; 19 mm



29 BEVEL GEAR For use in pairs. 29 - ¾"; 22 mm



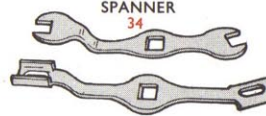
30 BEVEL GEARS can only be used together. 30a - ½"; 12 mm
30c - 1½"; 38 mm



31 GEAR WHEEL 31 - 1" × ½" 25mm × 6mm



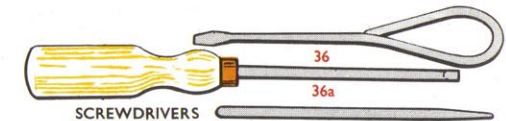
32 WORM 32 - ½"; 12 mm



34 SPANNER 34
34b BOX SPANNER 34b



35 SPRING CLIP 35



36 SCREWDRIVERS 36
36a
36c DRIFT 36c



37b BOLT 37b - ¾"; 5 mm



37a NUT 37a
37 NUT AND BOLT 37



38 WASHERS 38 - ¾"; 10 mm
38d - ¾"; 19 mm



40 HANK OF CORD 40



41 PROPELLER BLADE 41



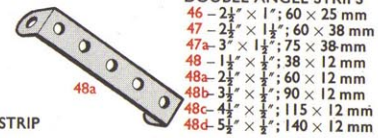
43 TENSION SPRING 43 - 2"; 5 cm



44 BENT STRIP STEPPED 44



45 DOUBLE BENT STRIP 45



- DOUBLE ANGLE STRIPS**
- | |
|-----------------------------|
| 46 - 2½" × 1"; 60 × 25 mm |
| 47 - 2½" × 1½"; 60 × 38 mm |
| 47a - 3" × 1½"; 75 × 38 mm |
| 48 - 1½" × 1"; 38 × 12 mm |
| 48a - 2½" × 1"; 60 × 12 mm |
| 48b - 3½" × 1"; 90 × 12 mm |
| 48c - 4½" × 1"; 115 × 12 mm |
| 48d - 5½" × 1"; 140 × 12 mm |



50 SLIDE PIECE 50

9.1 Television Camera/T.V. Camera/Caméra de Télévision/Telecamera/Fernsehkamera

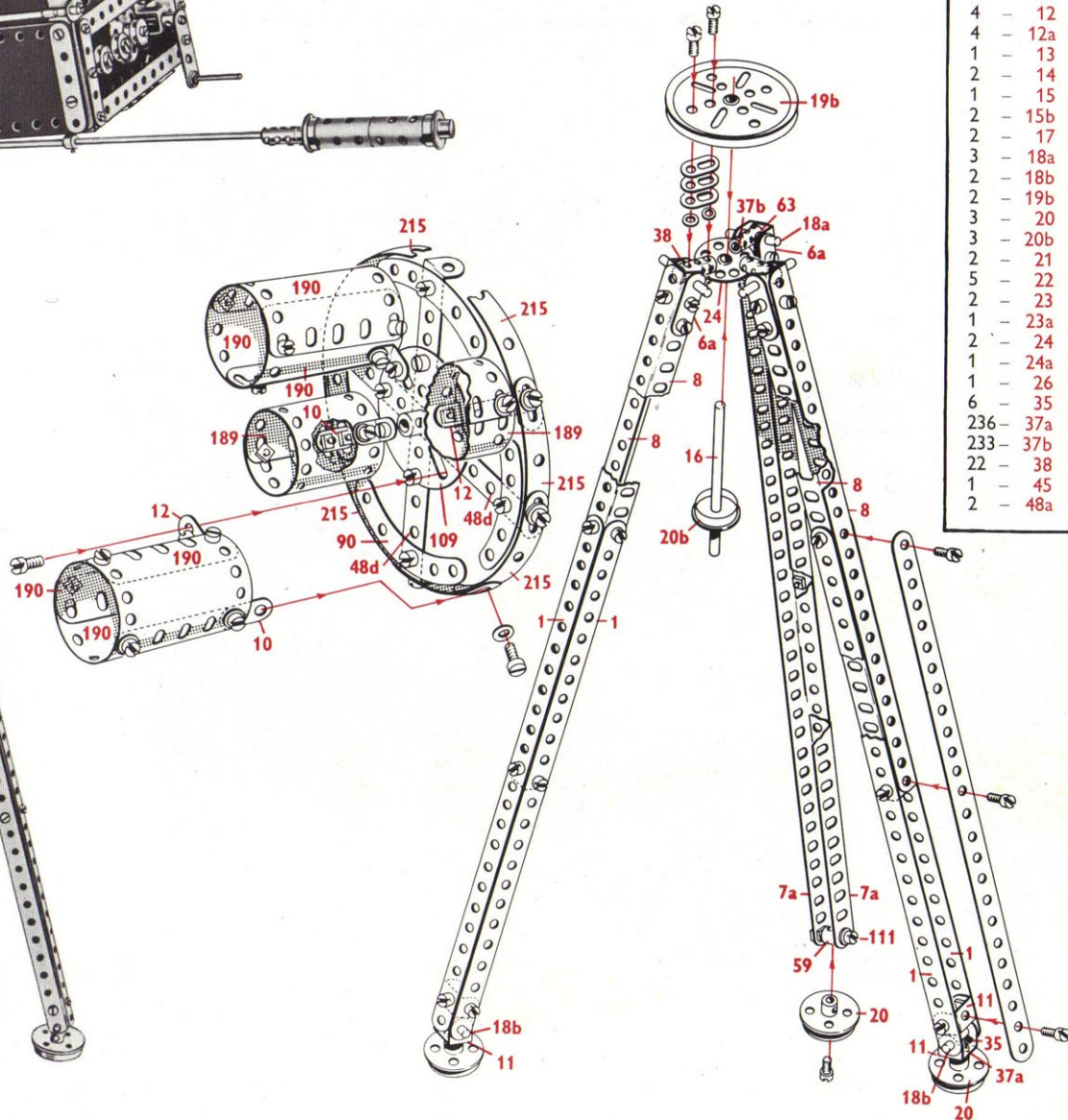
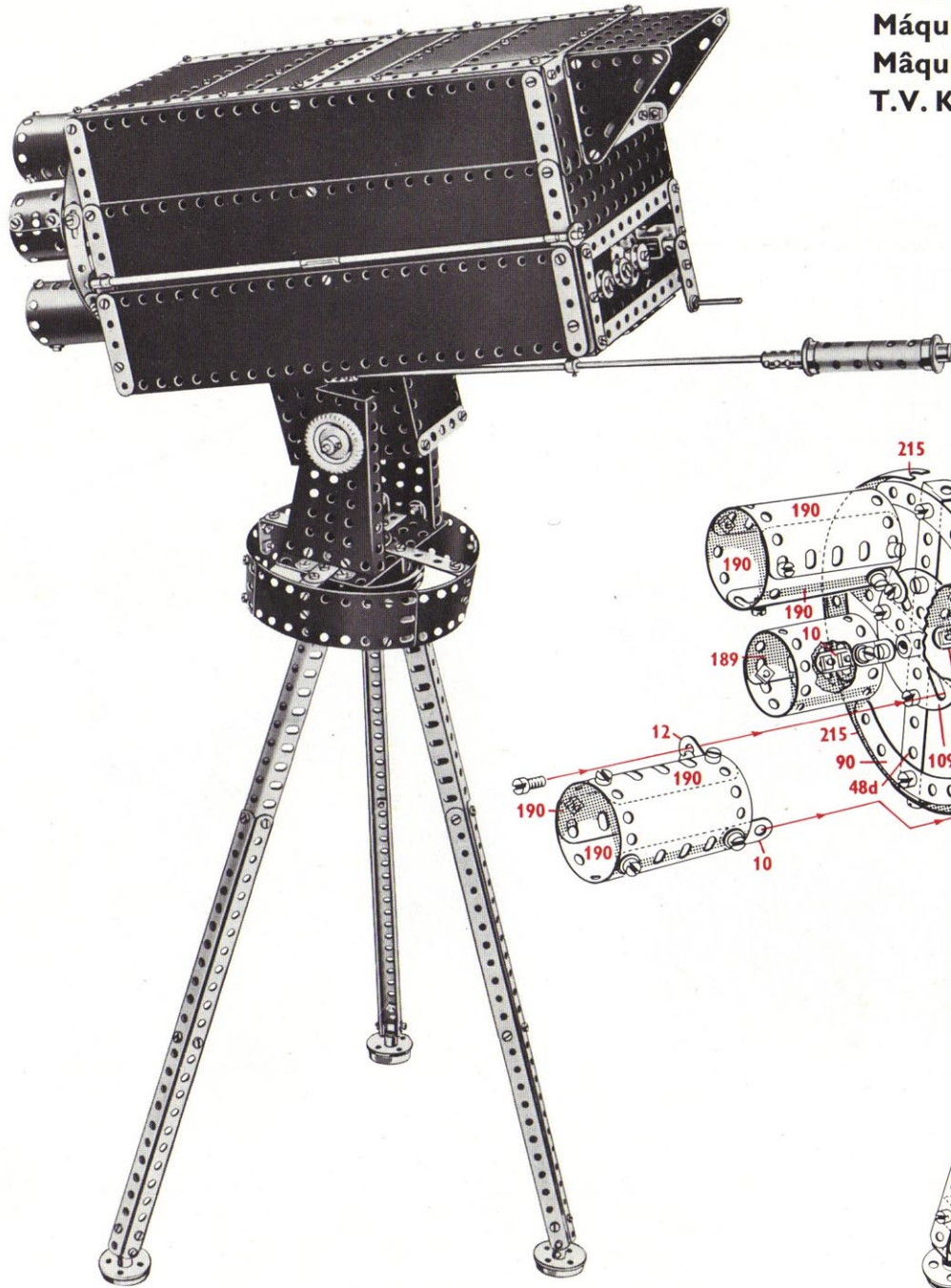
Televisionskamera

Máquina Fotográfica de Televisión

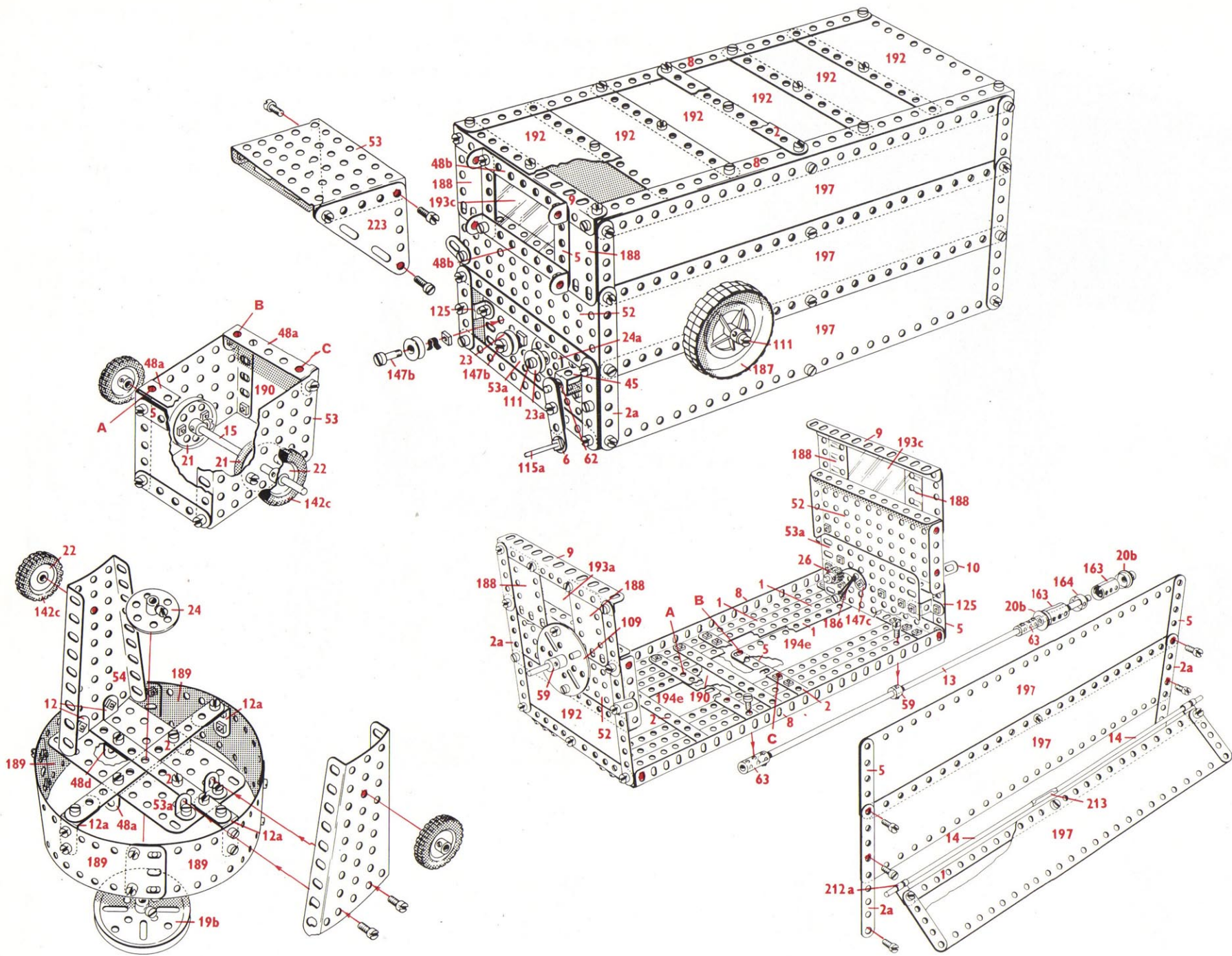
Máquina de Photographar de Televisão

T.V. Kamera

9.1



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



9.2 Meccanograph/Meccanograaf/Meccanographe/Meccanografo/Meccano-Graph/Meccanograf/Meccanoligrafo/Meccanógrafo

Differing designs can be produced by swivelling Crank 62 on Bush Wheel 24 and by varying the point at which the pen arm pivots in Double Bent Strip 45 on the sliding table. Other variations are produced by placing pin 18b in different holes of the 12" Strip that operates the sliding table.

De figuren, die de meccanograaf tekent, kunnen op 3 manieren veranderd worden, n.l. door de naafkruk 62 ten opzichte van het naafbuswiel 24 te verdraaien door de dubbel gebogen strook nr. 45, die de slede heen en weer beweegt, in een ander gat bij genoemde naafdruk 62 te laten draaien, of door de lange tekenarm op een ander punt om de as 18b te laten draaien.

On peut obtenir des dessins différents en faisant tourner le bras de manivelle 62 dans la roue barillet 24 et en faisant varier le point dans lequel le crayon pivote dans le cavalier 45 sur le plateau mobile. On peut obtenir encore d'autres motifs en plaçant une tringle 18b dans les différents trous de la bande de 25 trous qui fait bouger le plateau.

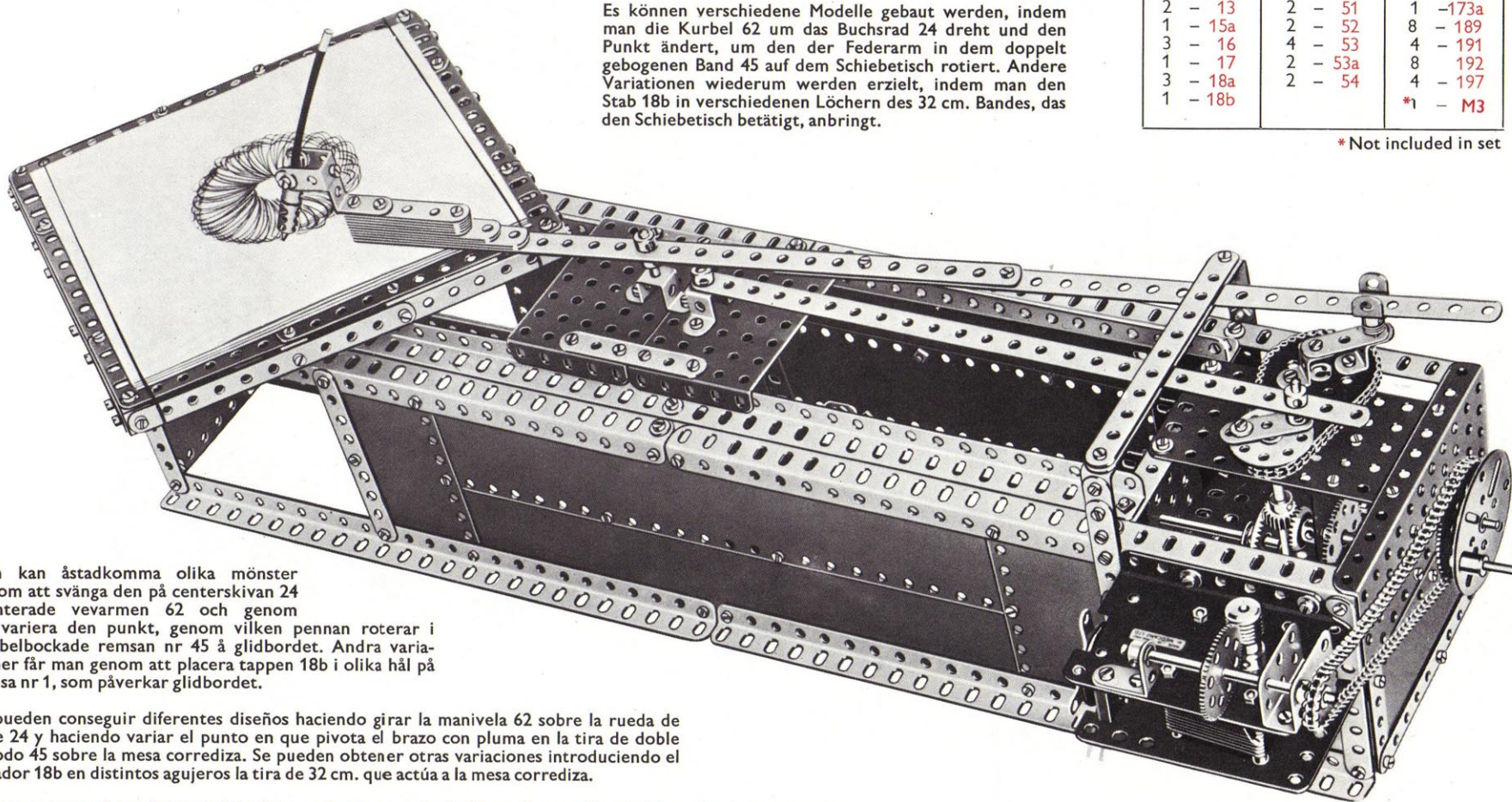
Si ottengono disegni differenti variando la posizione della striscia con-mozzo 62 sul disco con-mozzo 24 e cambiando il foro in cui il braccio porta-penna è articolato al supporto a cavaliere 45 della piattaforma scorrevole. Altre varietà di disegni si avranno alternando l'asse 18b in differenti fori della striscia di cm. 32 che comanda il movimento della piattaforma scorrevole.

Es können verschiedene Modelle gebaut werden, indem man die Kurbel 62 um das Buchsrad 24 dreht und den Punkt ändert, um den der Federarm in dem doppelt gebogenen Band 45 auf dem Schiebetisch rotiert. Andere Variationen wiederum werden erzielt, indem man den Stab 18b in verschiedenen Löchern des 32 cm. Bandes, das den Schiebetisch betätigt, anbringt.

9.2

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		*1 - M3

* Not included in set

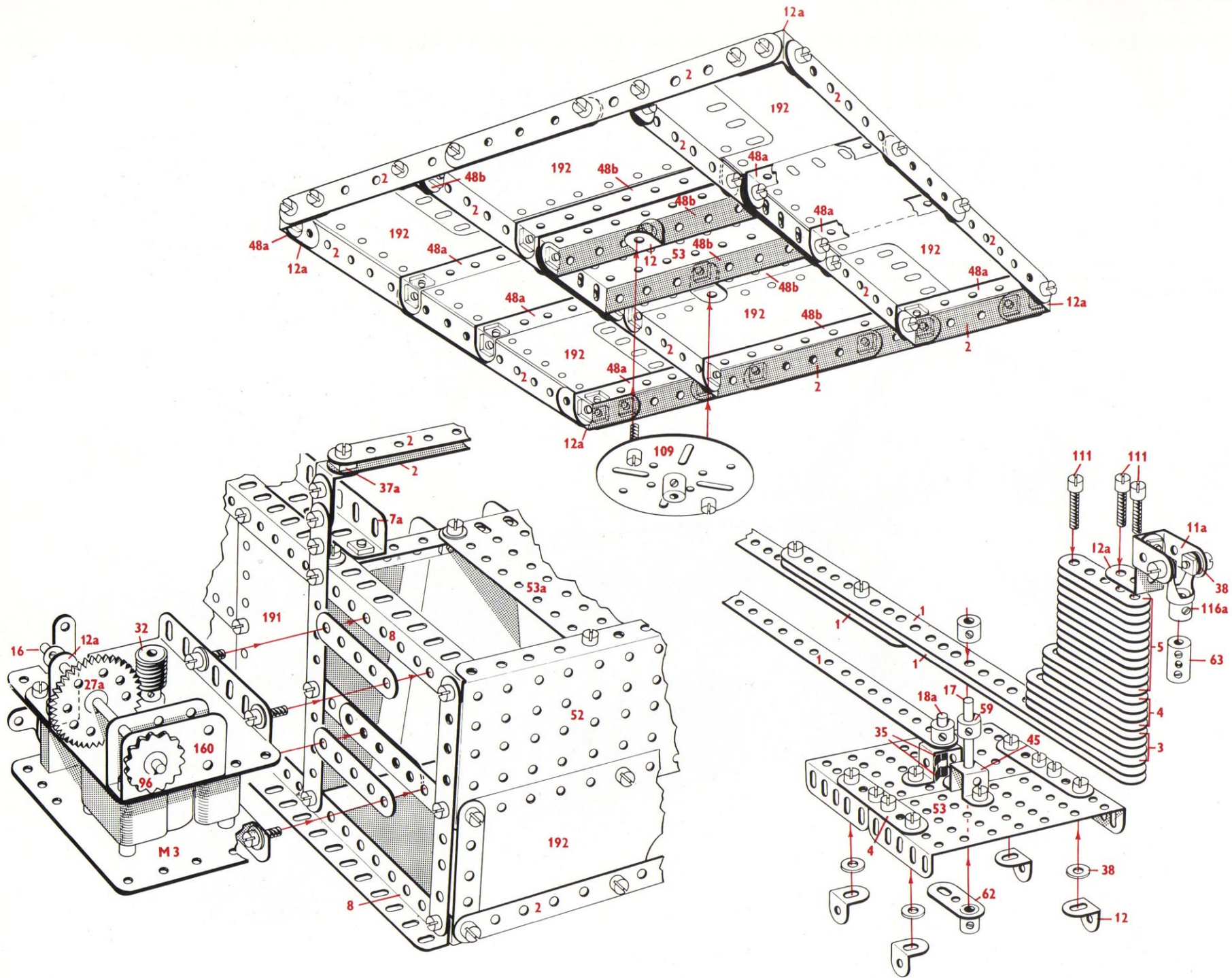


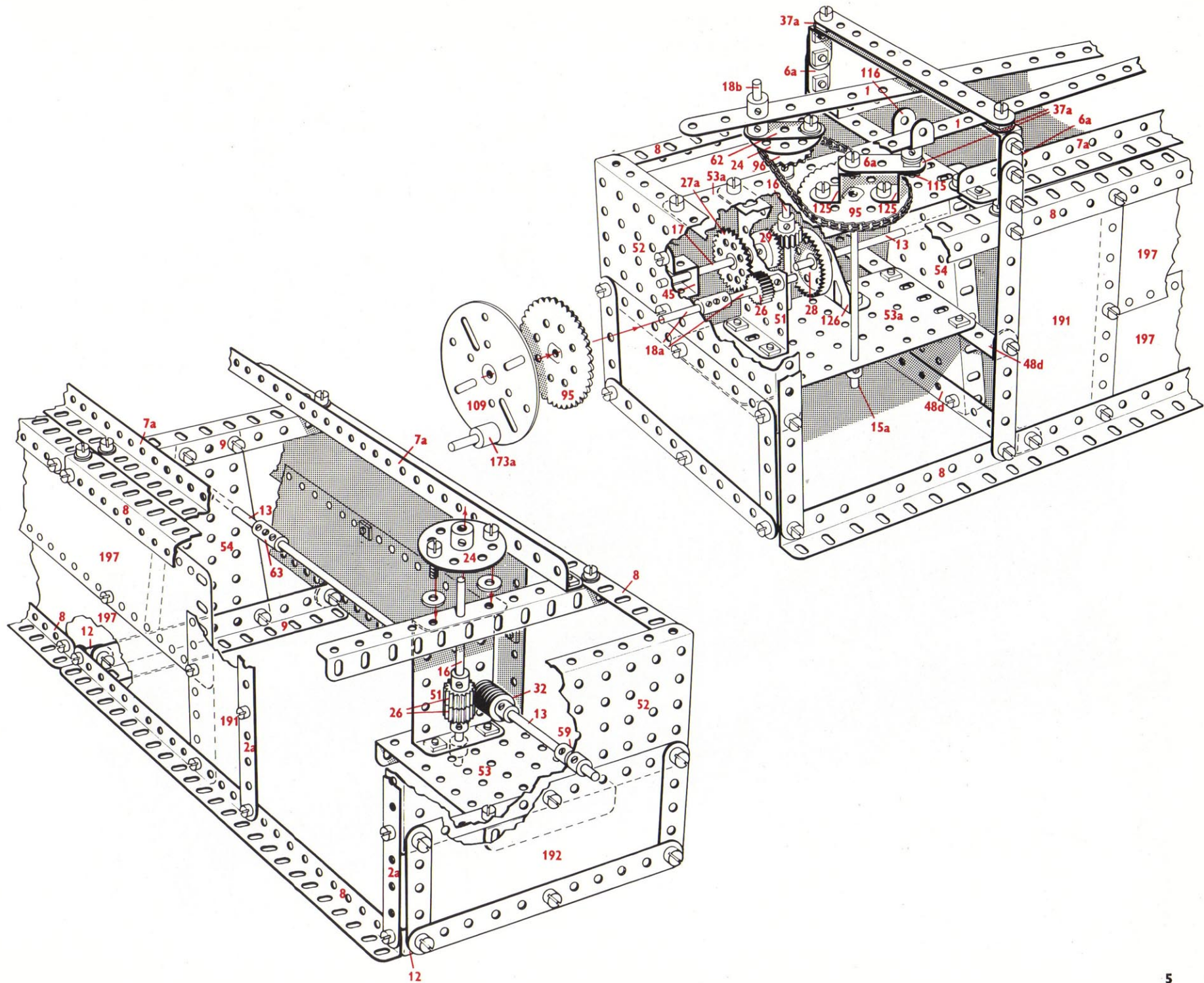
Man kan åstadkomma olika mönster genom att svänga den på centerskivan 24 monterade vevarmen 62 och genom att variera den punkt, genom vilken pennen roterar i dubbelböckade remsan nr 45 å glidbordet. Andra variationer får man genom att placera tappen 18b i olika hål på remsa nr 1, som påverkar glidbordet.

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 opere a mesa móvel.

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 12" som setter glidebanen i funksjon.



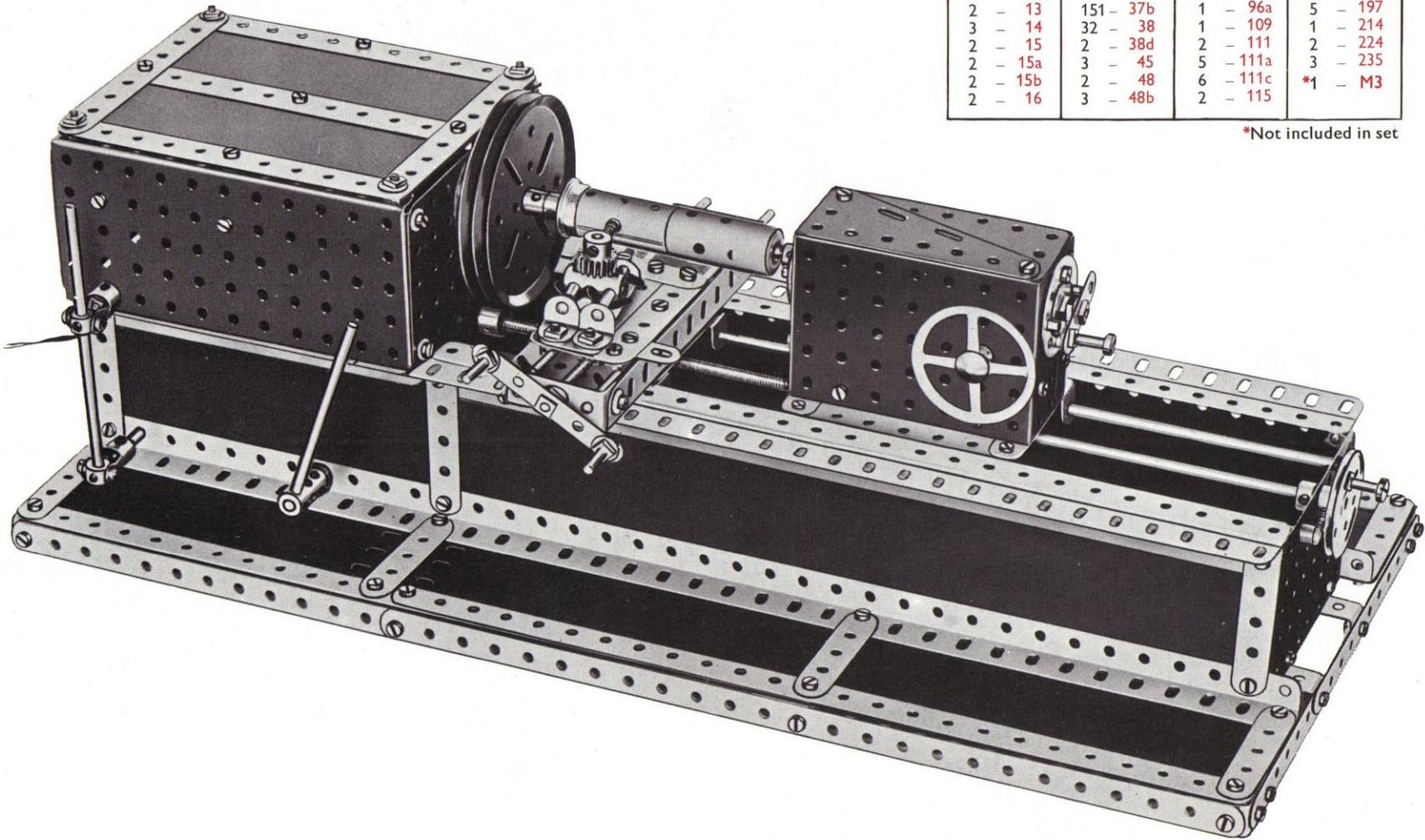


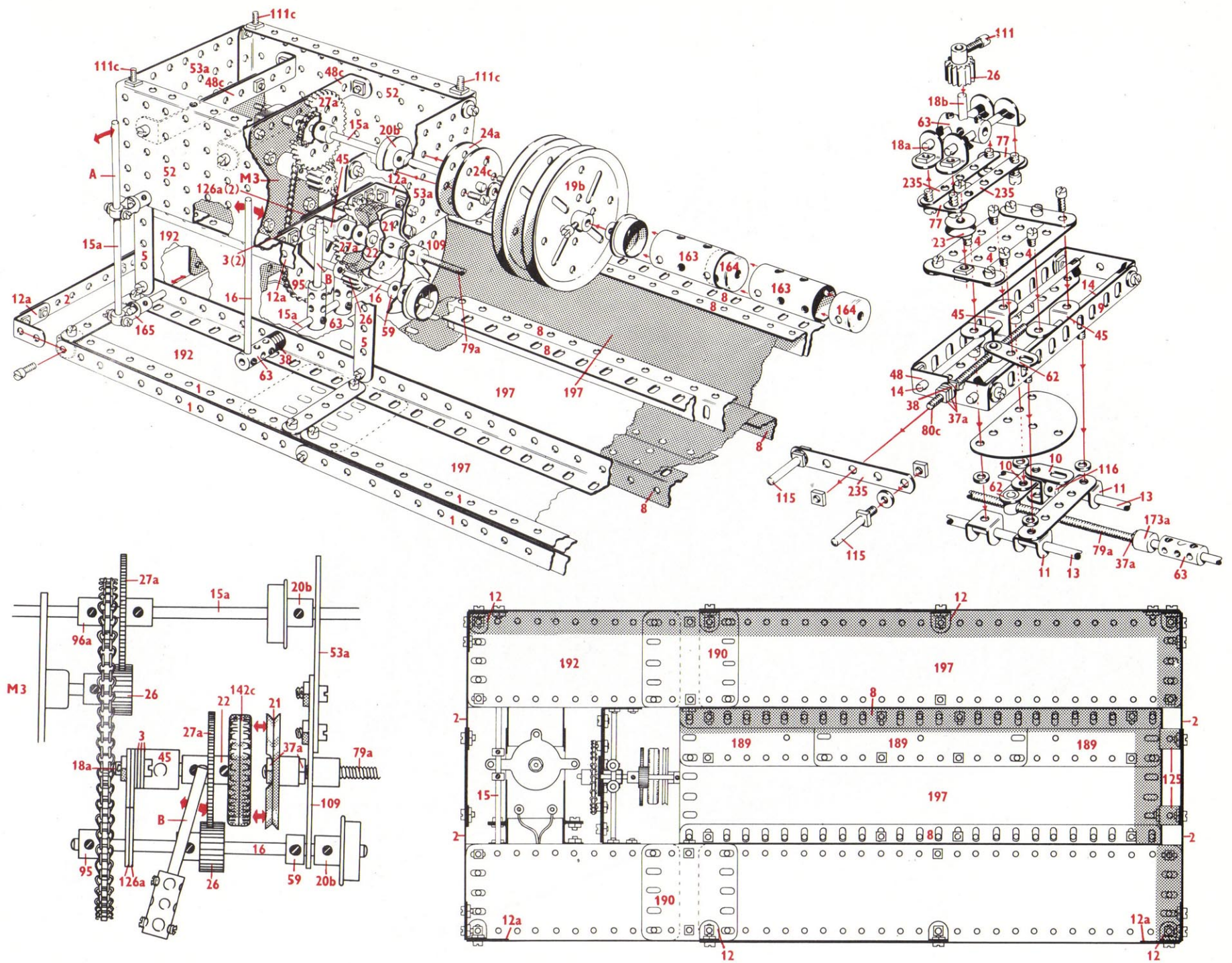
9.3 Lathe
Draaibank
Tour
Tornio
Drehbank
Svarv
Torno
Tôrno
Dreiebank

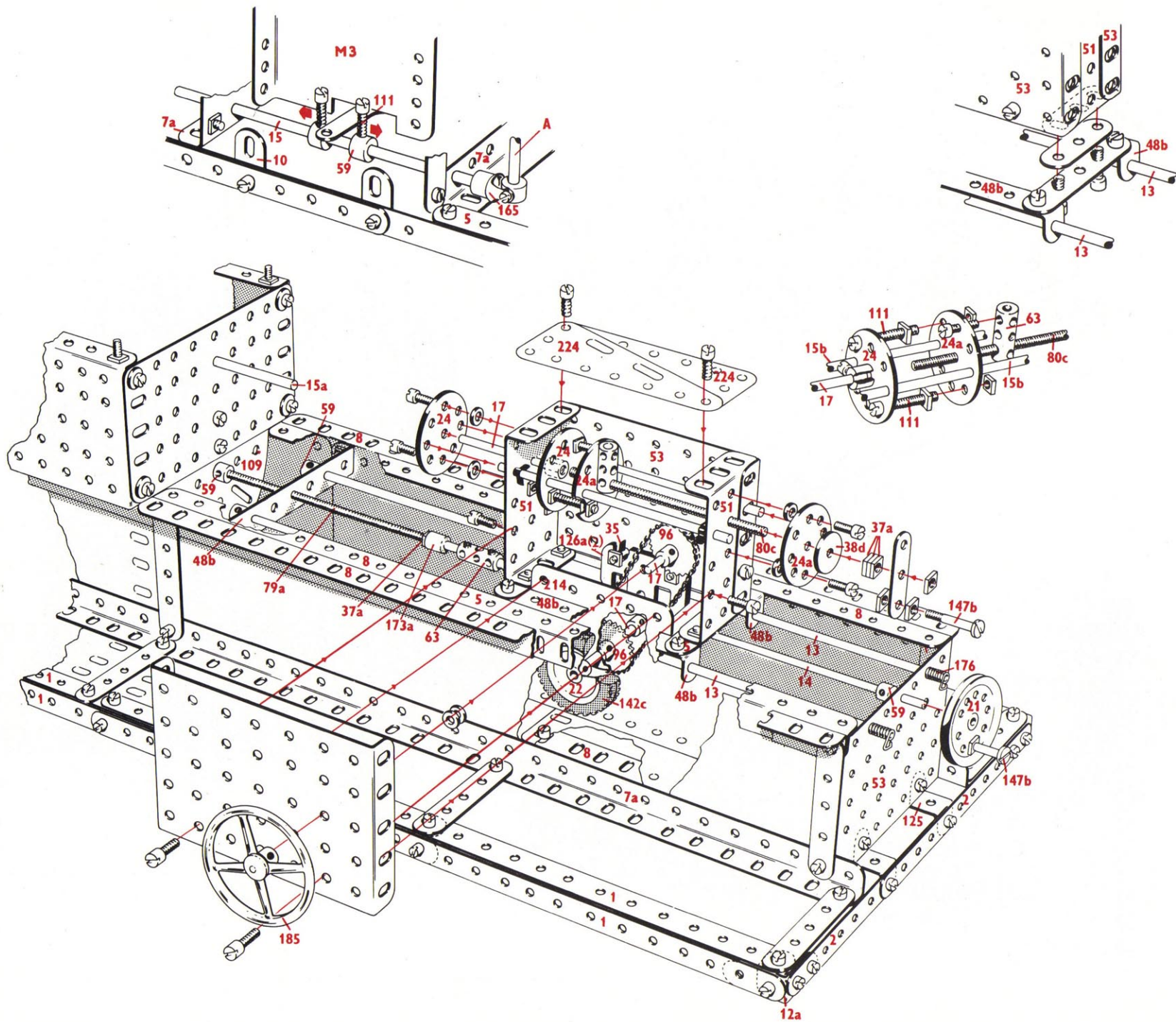
9.3

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





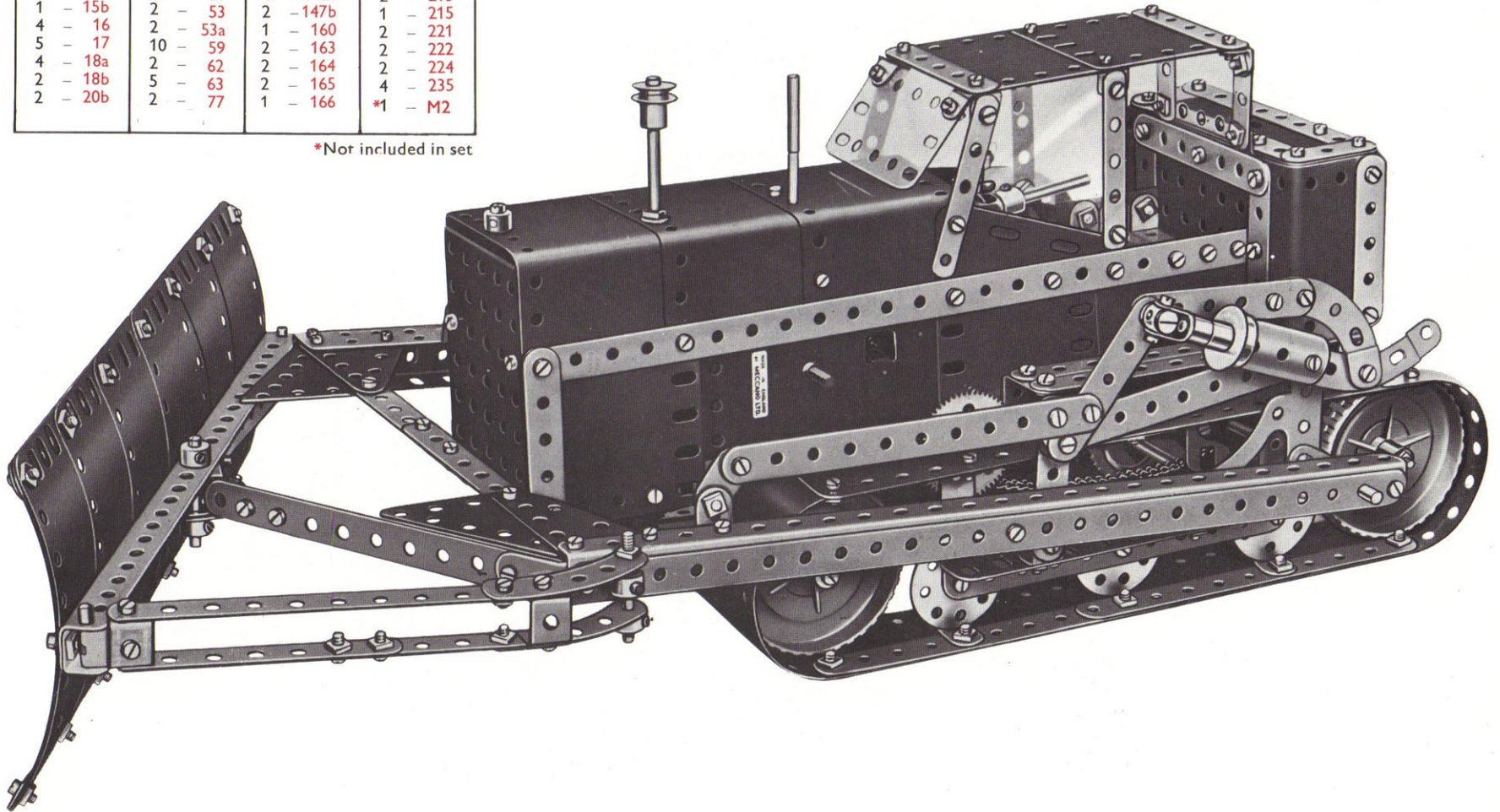


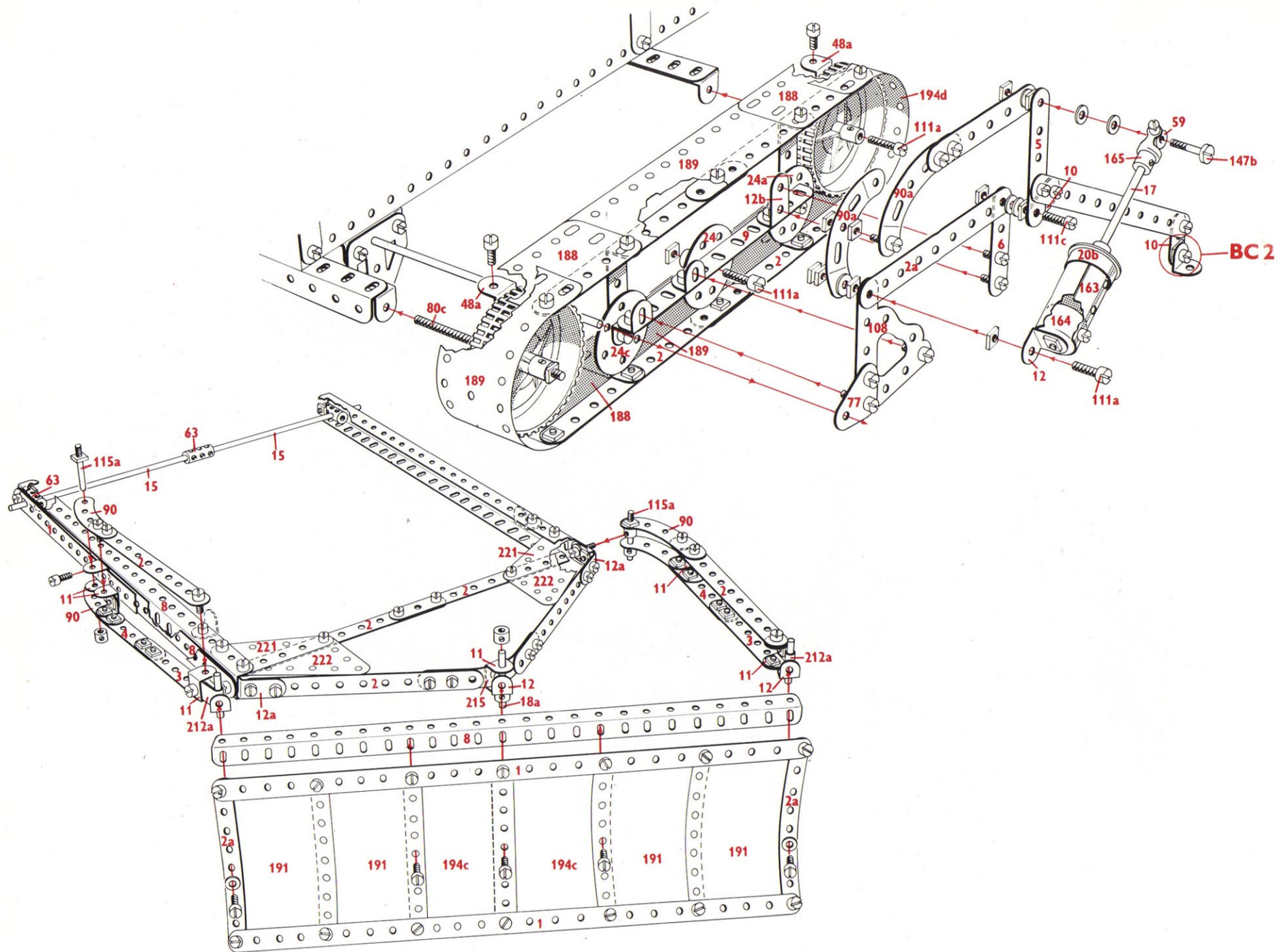
9.4 Bulldozer Planierraupe Nivelador

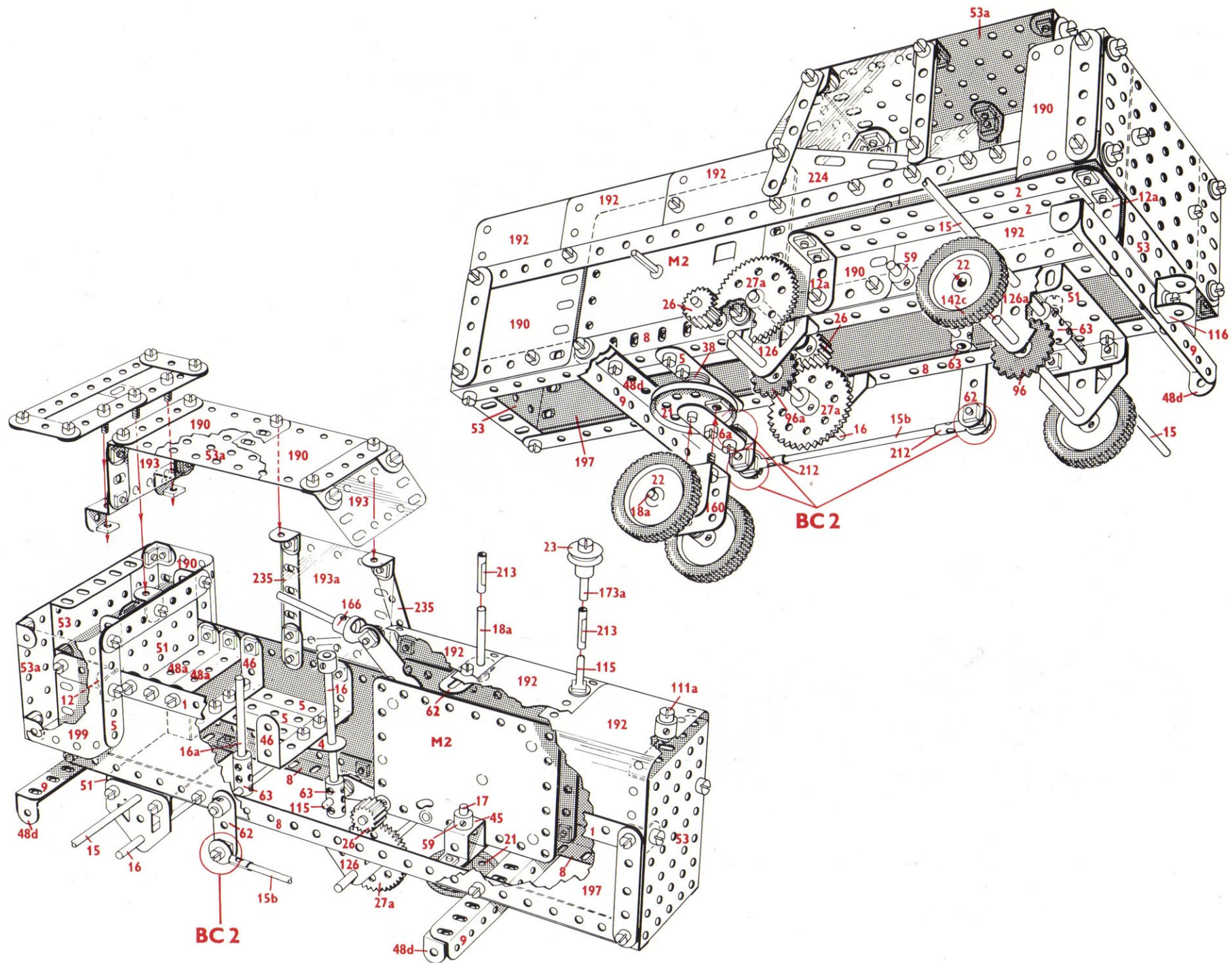
9.4

5 - 1	1 - 21	2 - 80 ^c	1 - 173a
20 - 2	4 - 22	4 - 90	4 - 187
6 - 2a	3 - 23	4 - 90a	8 - 188
3 - 3	1 - 23a	1 - 94	6 - 189
5 - 4	2 - 24	1 - 96	6 - 190
16 - 5	2 - 24a	1 - 96a	4 - 191
2 - 6	2 - 24c	2 - 108	4 - 192
5 - 6a	2 - 26	3 - 111	2 - 193
7 - 8	2 - 27a	6 - 111a	2 - 193a
3 - 9	267 - 37a	3 - 111c	2 - 194
6 - 10	235 - 37b	2 - 115	2 - 194c
5 - 11	34 - 38	2 - 115a	2 - 194d
29 - 12	1 - 45	1 - 116	1 - 197
6 - 12a	2 - 46	2 - 125	1 - 199
2 - 12b	10 - 48a	2 - 126	2 - 212
2 - 12c	2 - 48d	2 - 126a	2 - 212a
2 - 15	2 - 51	4 - 142c	2 - 213
1 - 15b	2 - 53	2 - 147b	1 - 215
4 - 16	2 - 53a	1 - 160	2 - 221
5 - 17	10 - 59	2 - 163	2 - 222
4 - 18a	2 - 62	2 - 164	2 - 224
2 - 18b	5 - 63	2 - 165	4 - 235
2 - 20b	2 - 77	1 - 166	*1 - M2

*Not included in set







9.5

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	2	-	223
5	-	17	5	-	48b	2	-	155			
3	-	18a	1	-	48d	2	-	164			

9.5 Articulated Tipping Lorry

Truck met kippende oplegger

Tracteur et benne basculante

Autocarro Articolato a Cassa Ribaltabile

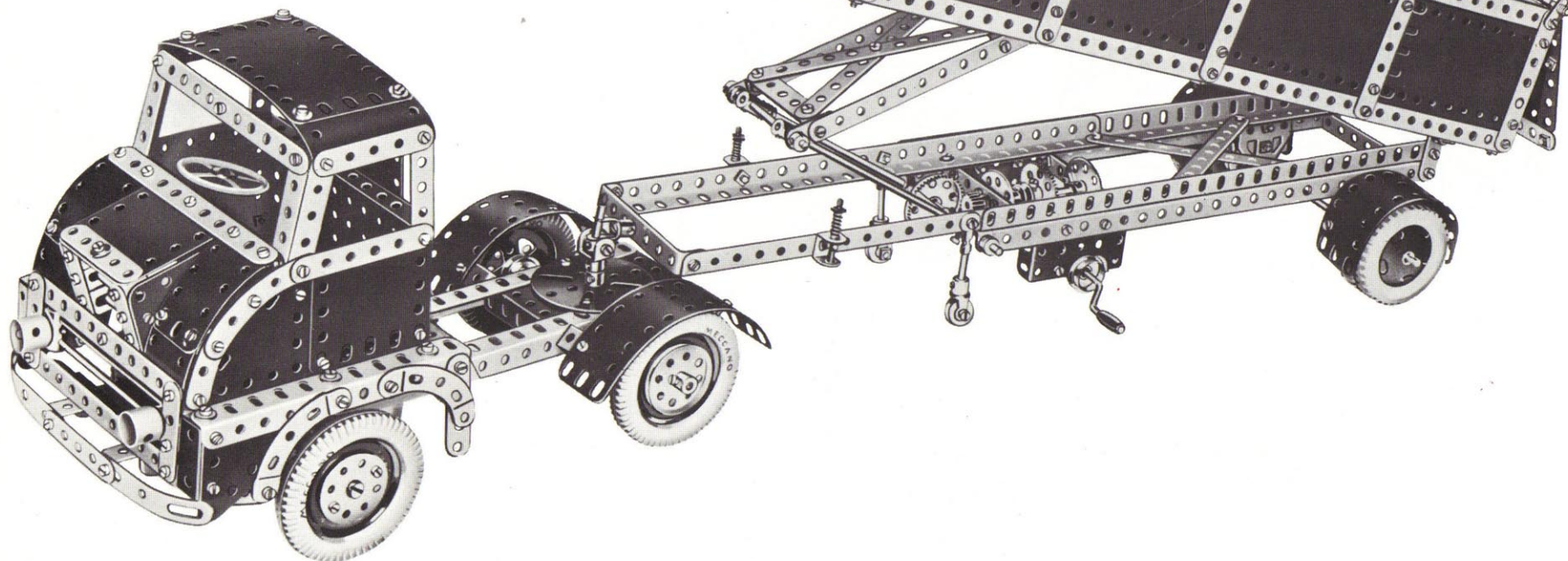
Zugmaschine mit Kippanhänger

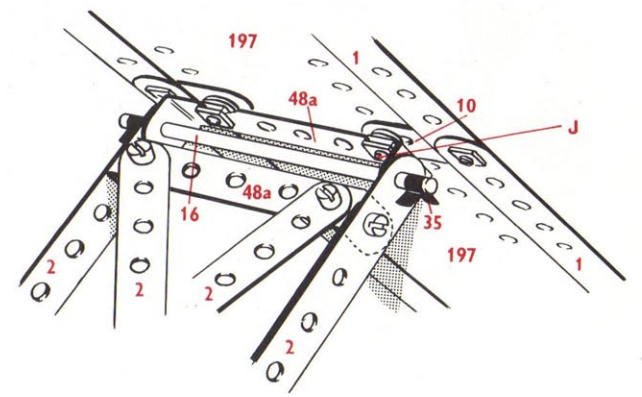
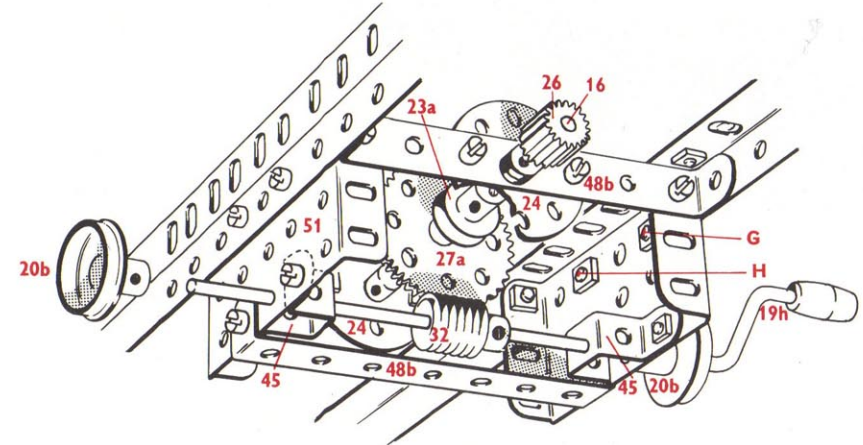
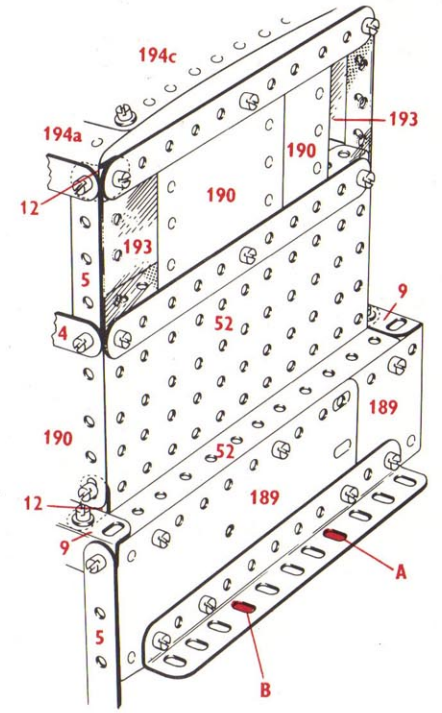
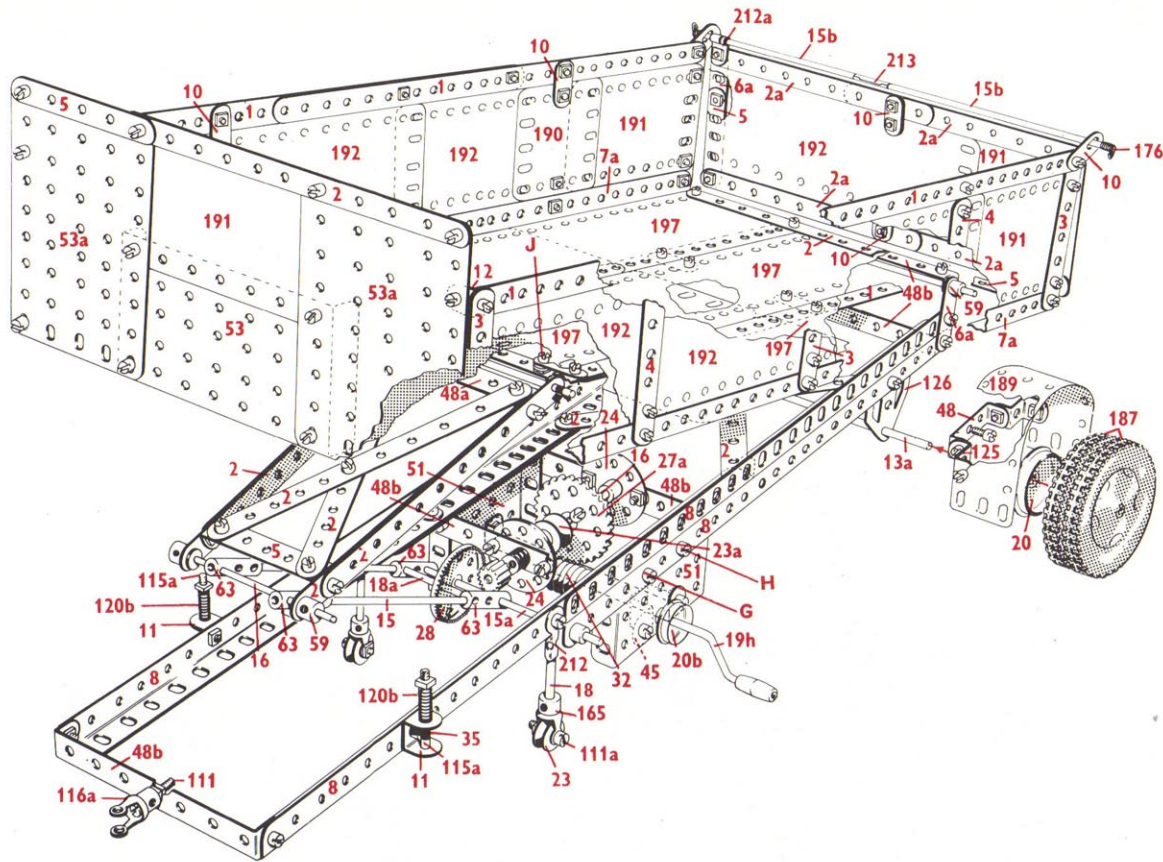
Ledbar lastbil med tippflak

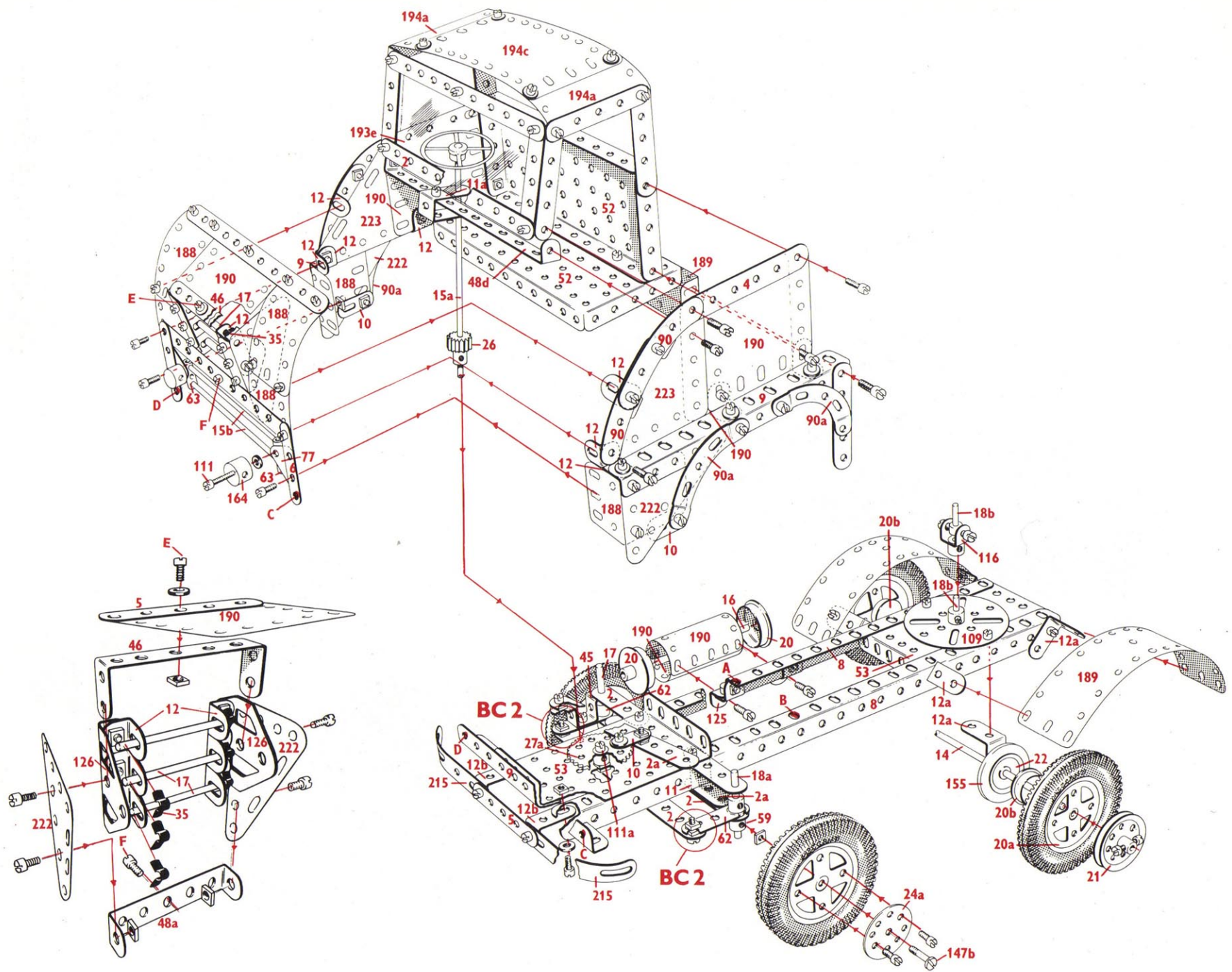
Camión Volquete Articulado

Camião-Reboque Basculante

Lastebil m/tipp







9.6 Touring Car

Wagen (open model)

Cabriolet décapotable

Autovettura Gran Turismo

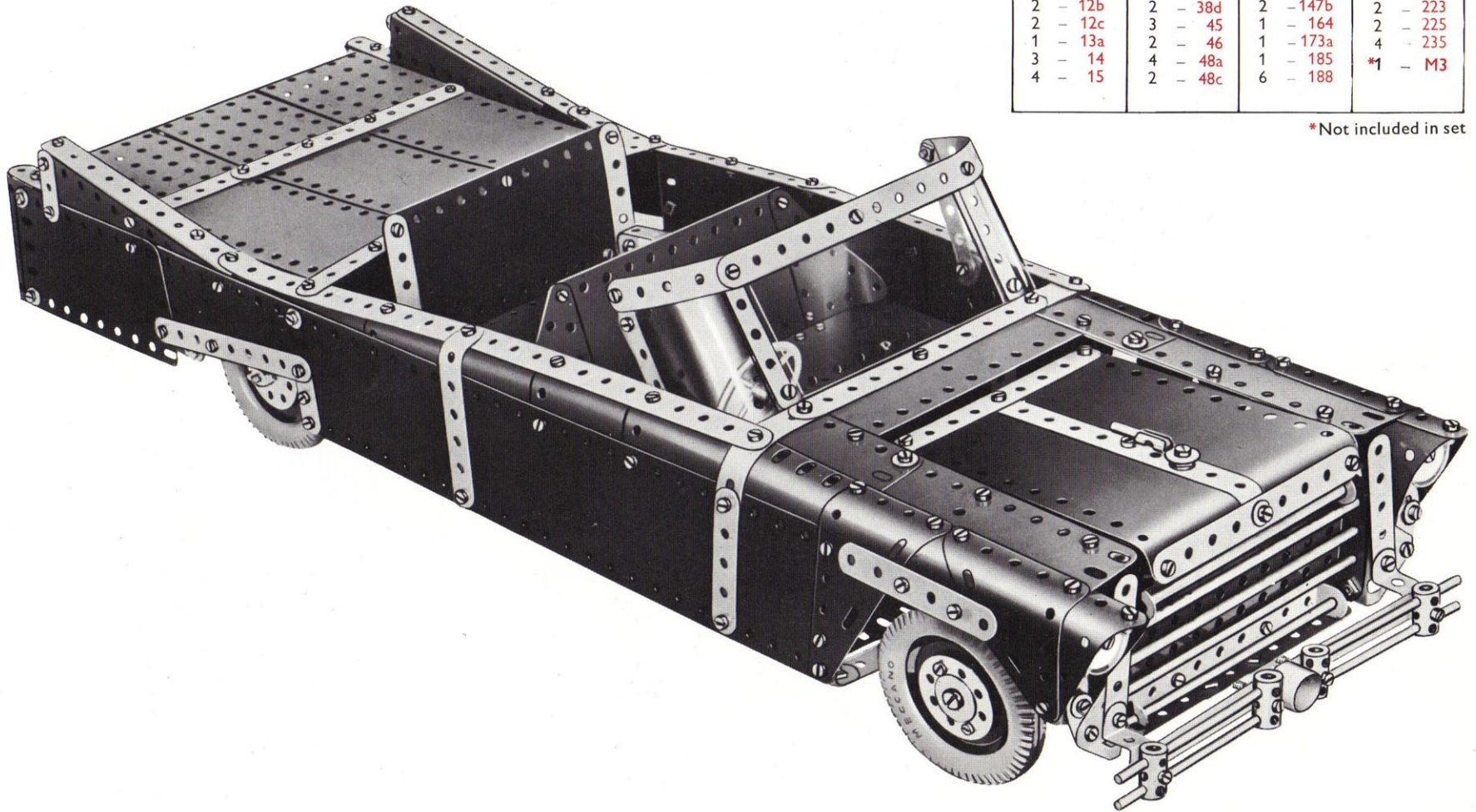
P K W

Öppen bil

Coche de Turismo

Automóvel

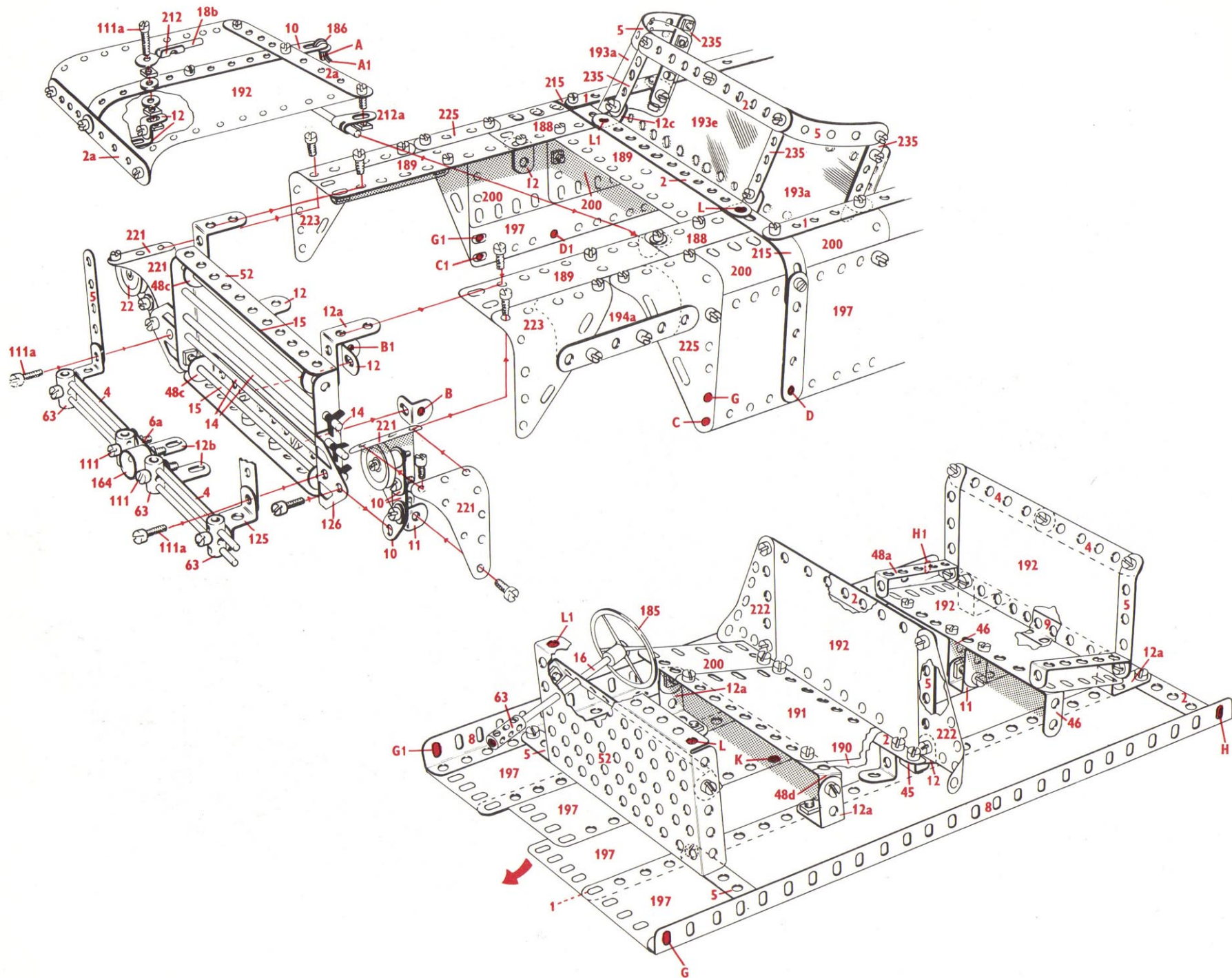
Åpen bil

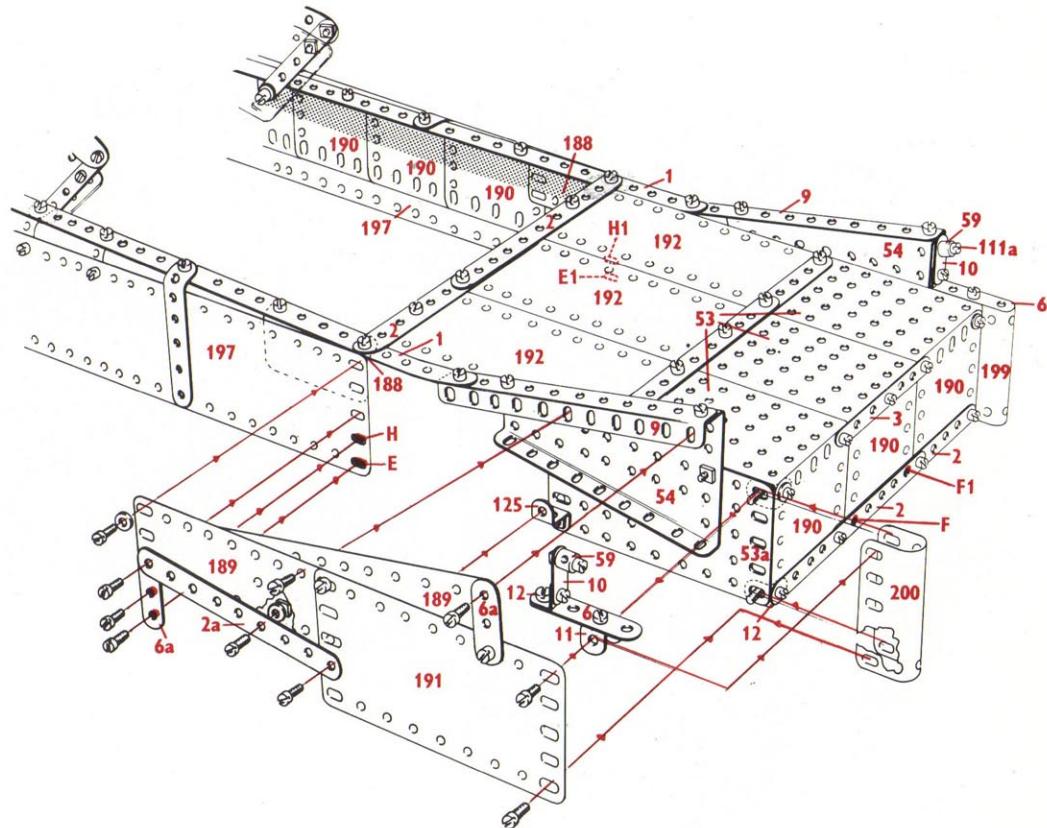
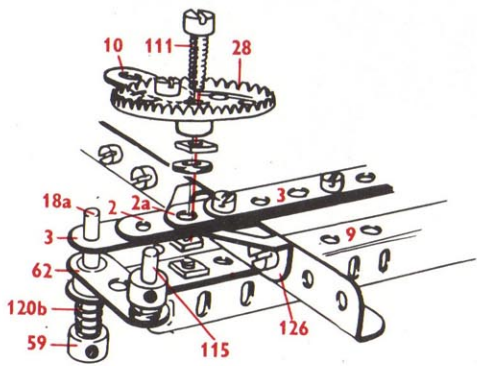
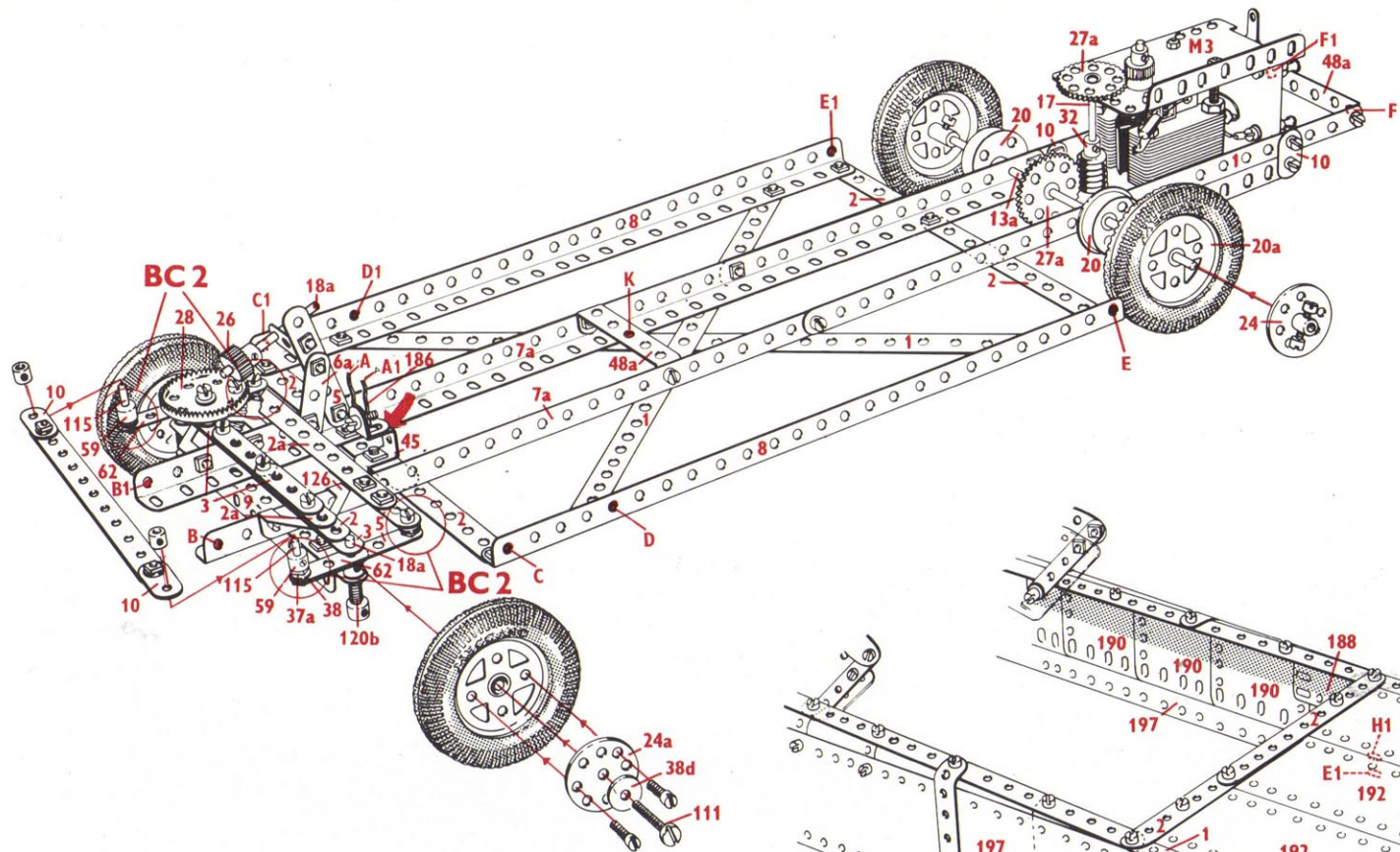


9.6

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	*1 - M3
4 - 15	2 - 48c	6 - 188	

*Not included in set





9.7 Car Transporter

Autotransportwagen

Camion porte-voitures

Autocarro Trasporto Automobili

Autotransporter

Biltransportvagn

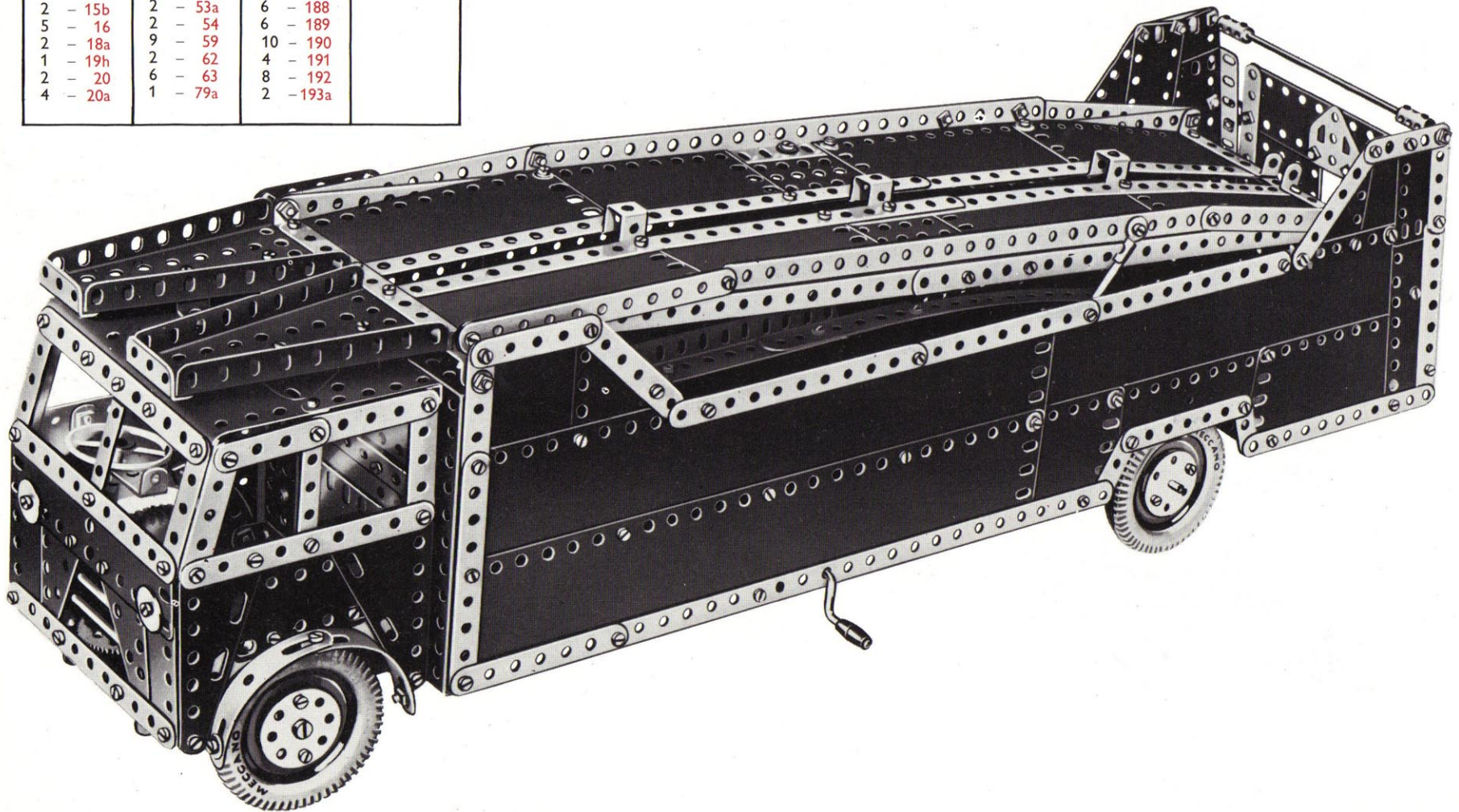
Transportador de Autos

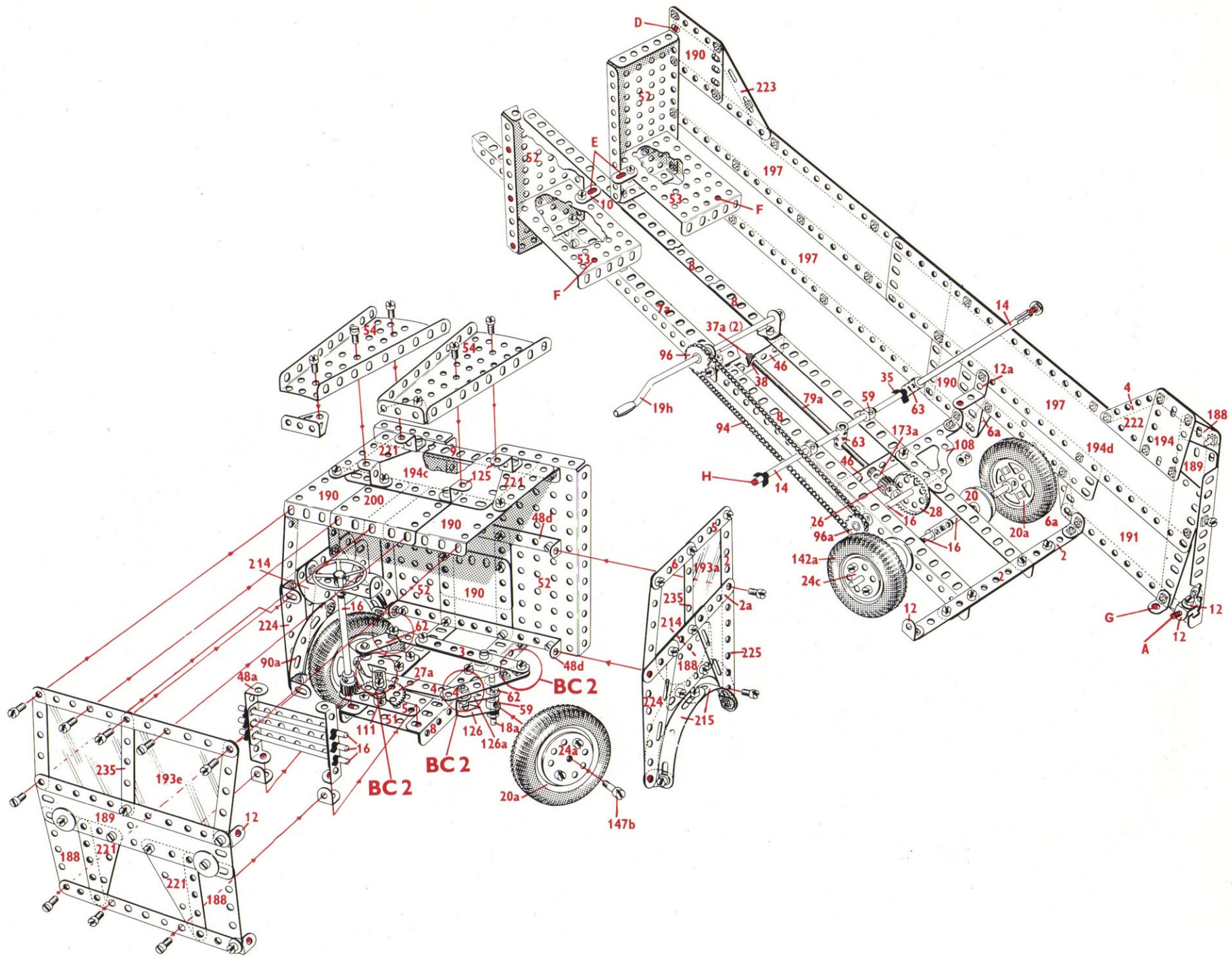
Transportador de Automóveis

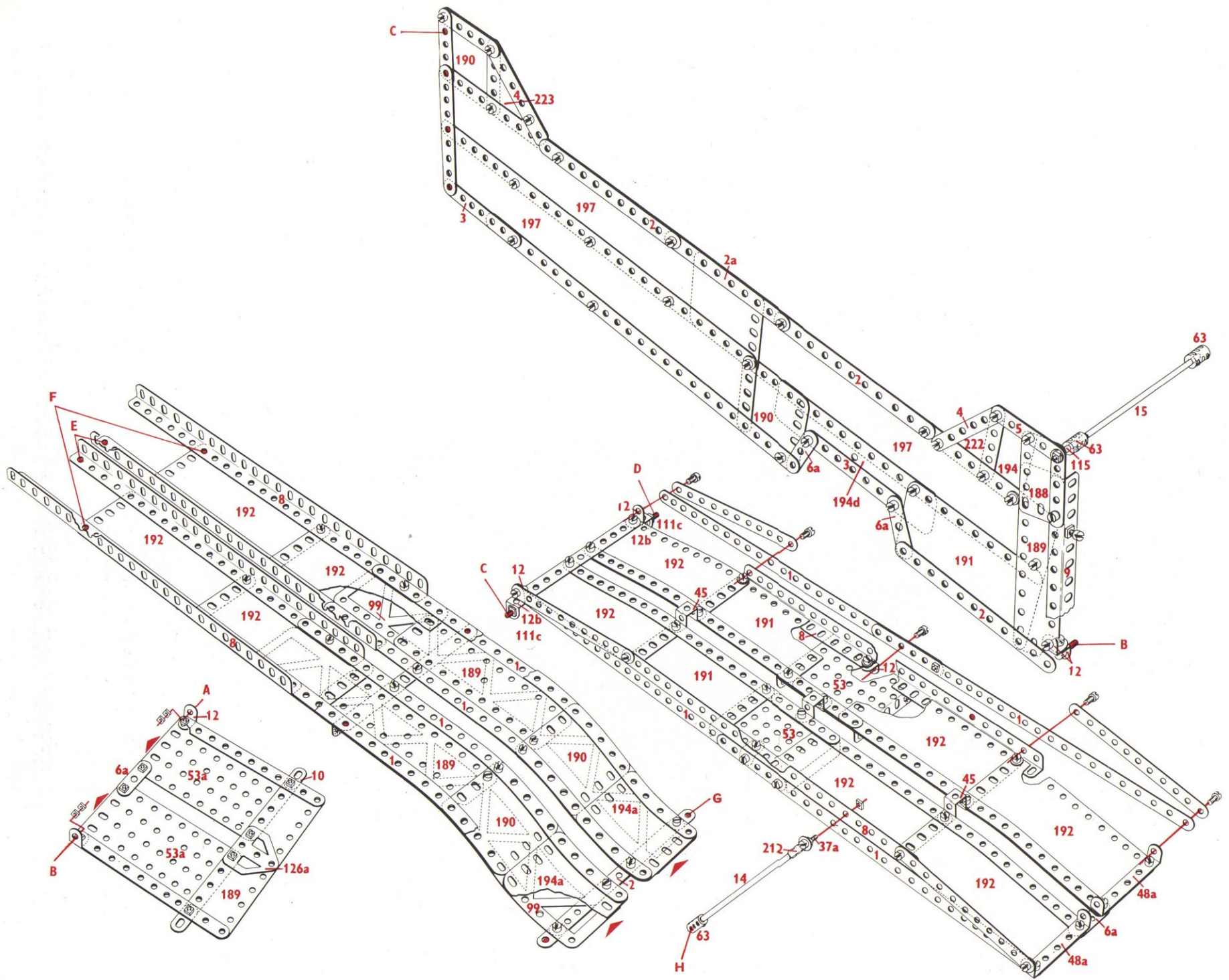
Transportbil

9.7

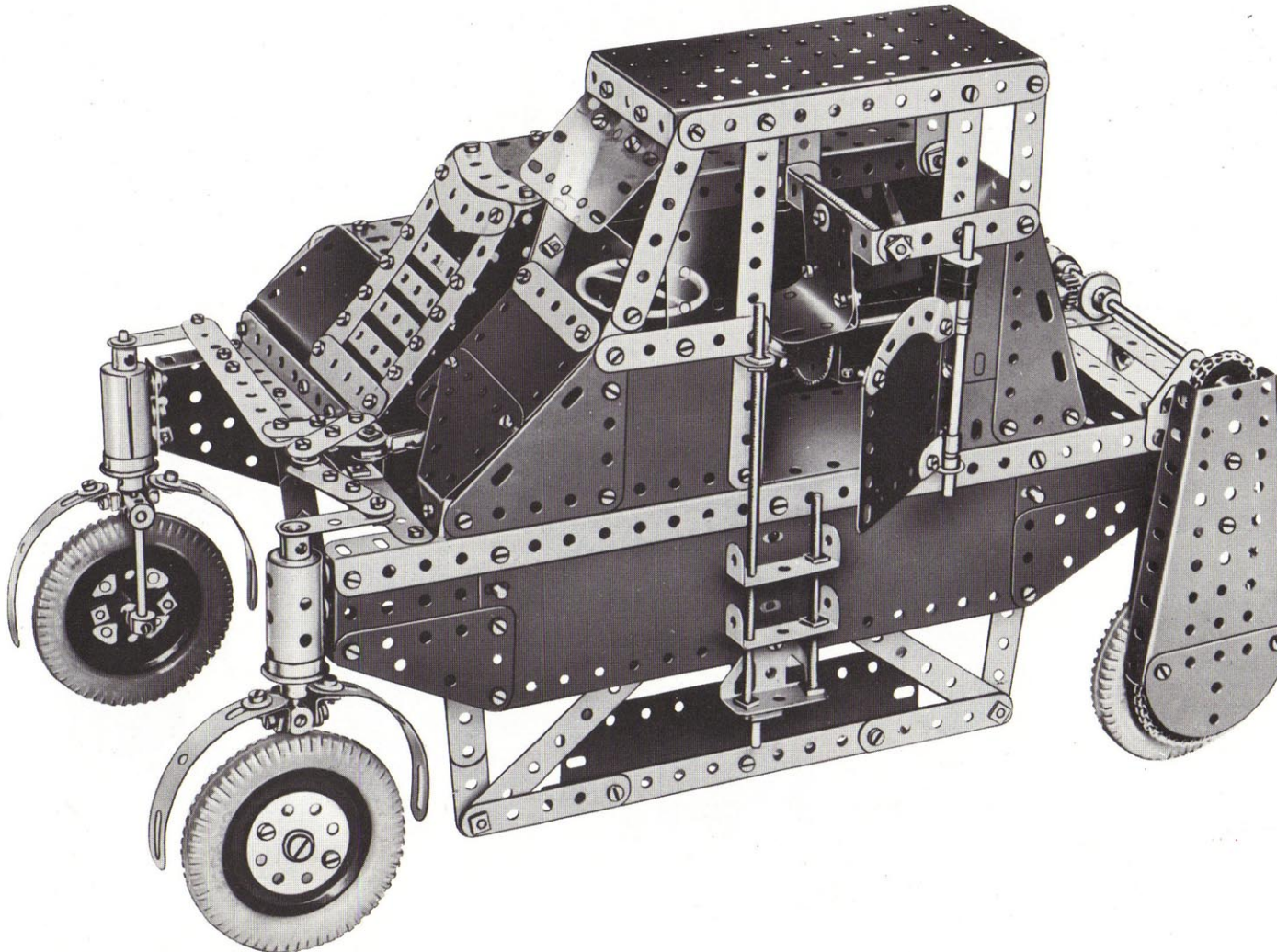
14 - 1	2 - 24a	2 - 90	1 - 193e
21 - 2	2 - 24c	2 - 90a	4 - 194
6 - 2a	2 - 26	1 - 94	2 - 194a
6 - 3	1 - 27a	1 - 96	1 - 194c
6 - 4	1 - 28	1 - 96a	2 - 194d
14 - 5	8 - 35	2 - 99	2 - 194e
2 - 6	270 - 37a	1 - 108	6 - 197
6 - 6a	248 - 37b	1 - 111	1 - 200
2 - 7a	35 - 38	6 - 111c	2 - 212
8 - 8	2 - 38d	2 - 115	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	







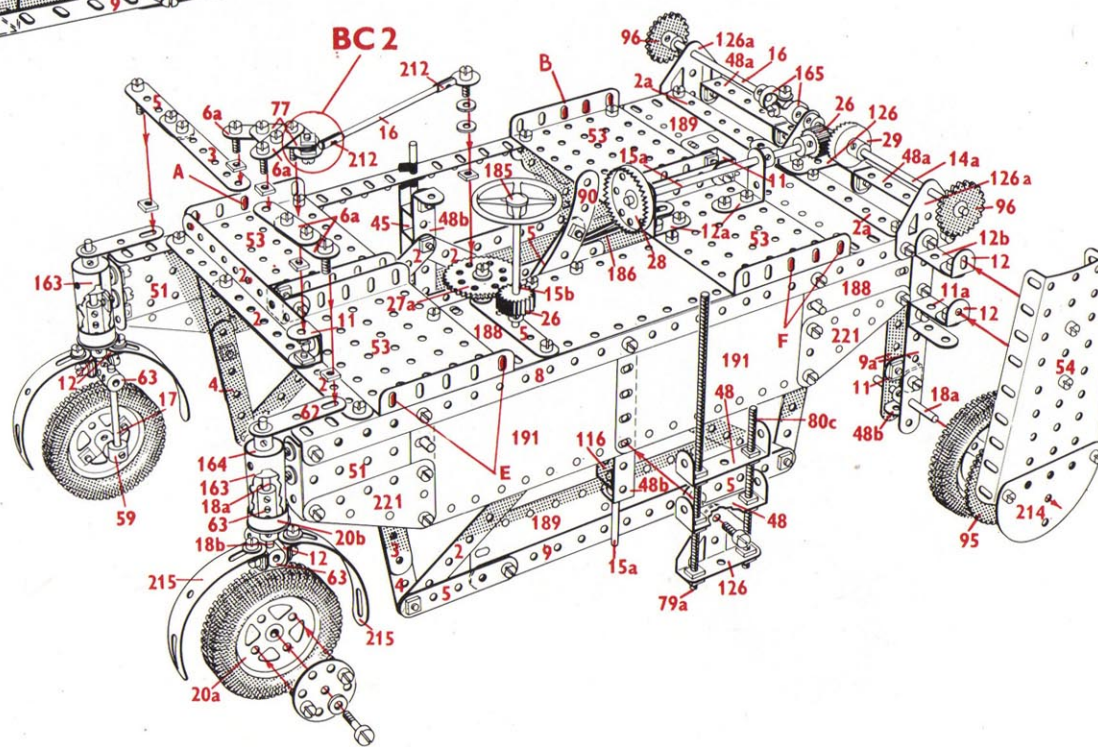
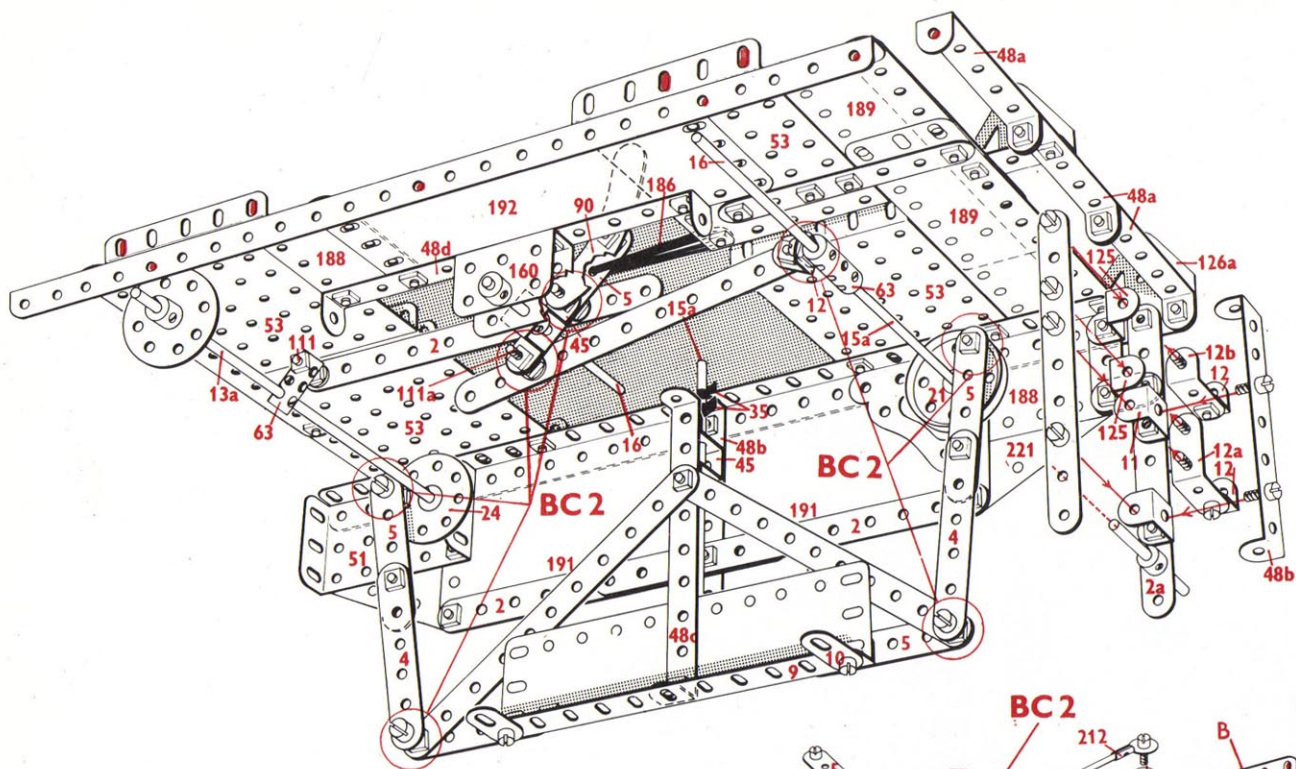
9.8 Conveyancer
Boomstam transportwagen
Chariot-cavalier
Trasportatore
Holzträger
Transportvagn
Transportador de Troncos
Transportador de Tronços
Transportvogn

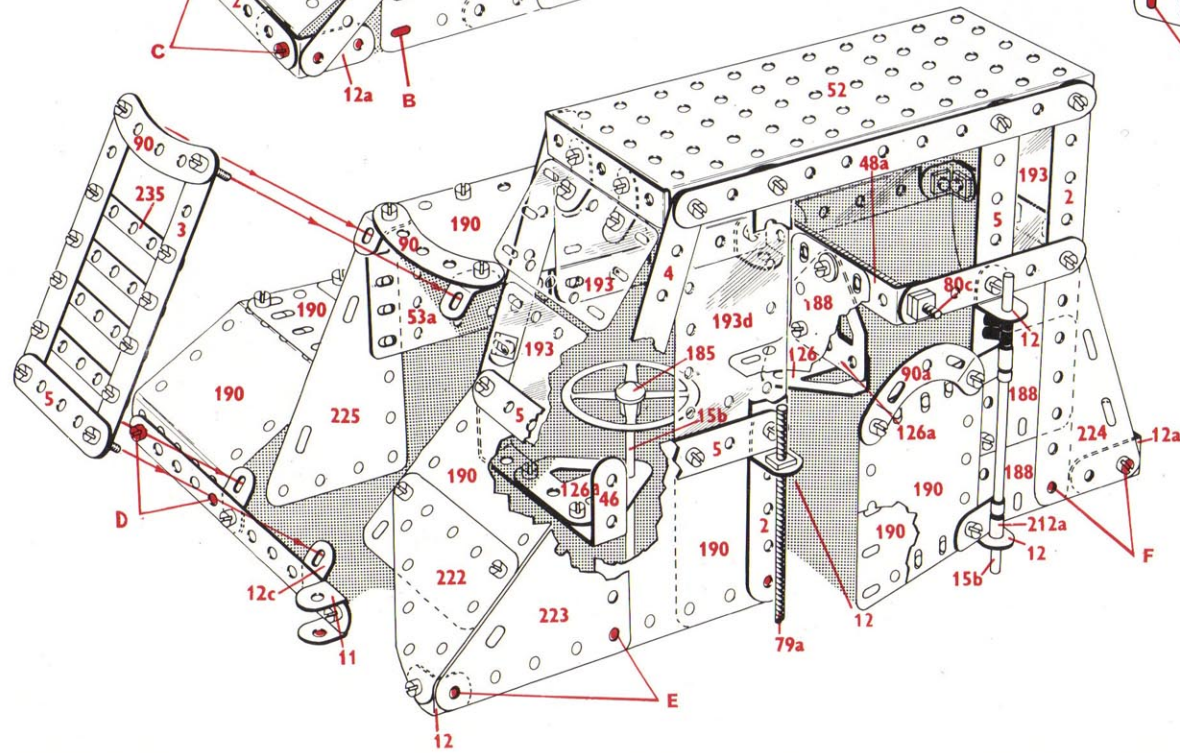
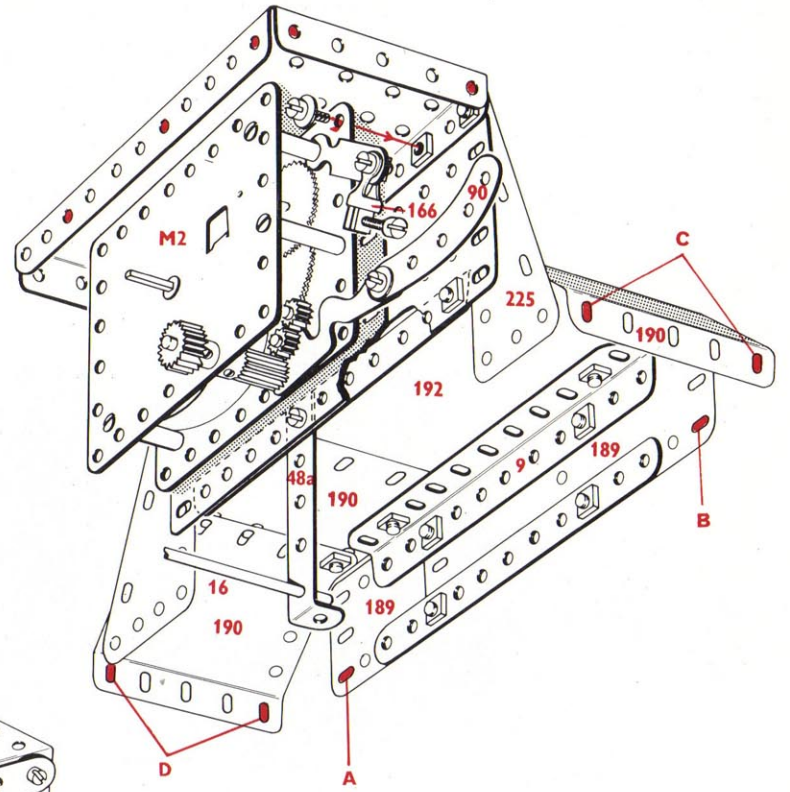
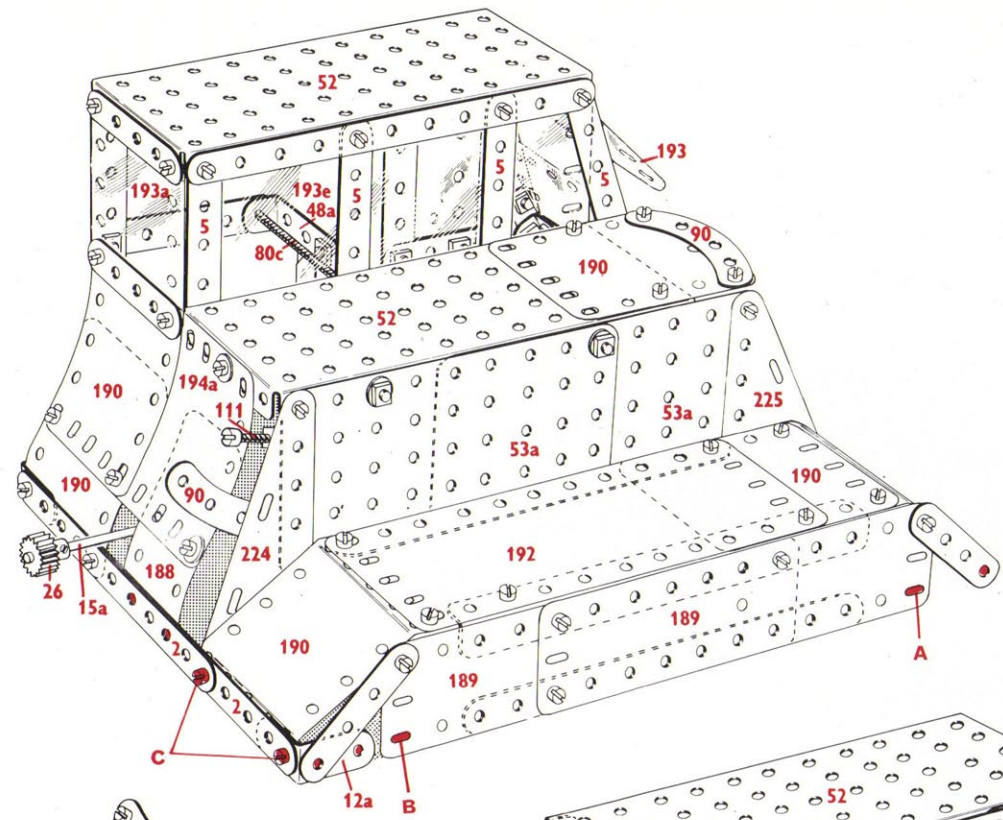


9.8

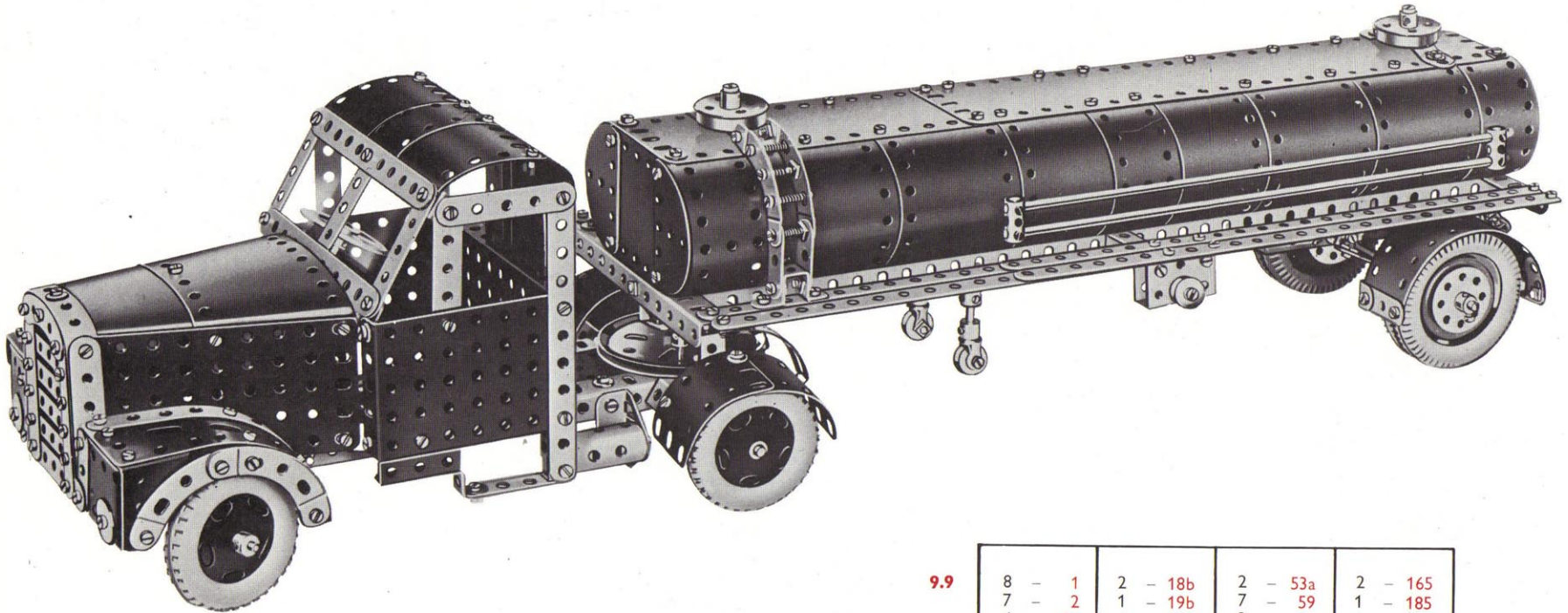
20	-	2	9	-	59
6	-	2a	2	-	62
6	-	3	4	-	63
6	-	4	2	-	77
17	-	5	1	-	79a
2	-	6	2	-	80c
6	-	6a	4	-	90
2	-	8	1	-	90a
4	-	9	1	-	94
9	-	10	2	-	95
5	-	11	2	-	96
1	-	11a	2	-	108
21	-	12	2	-	111
6	-	12a	6	-	111a
2	-	12b	3	-	111c
6	-	12c	1	-	116
1	-	13a	4	-	125
1	-	15	3	-	126
3	-	15a	4	-	126a
2	-	15b	4	-	142a
5	-	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	*1	-	M2

*Not included in set



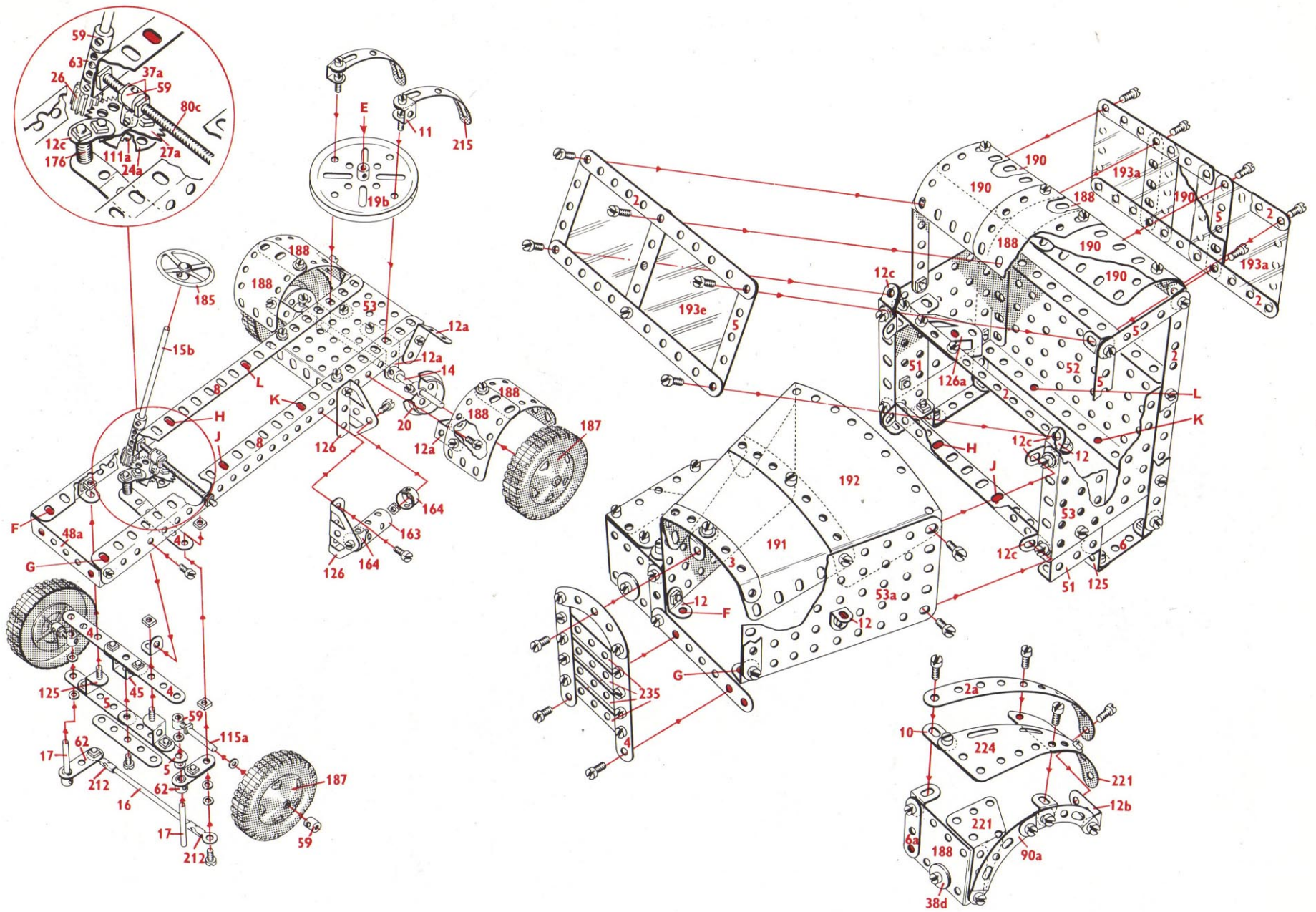


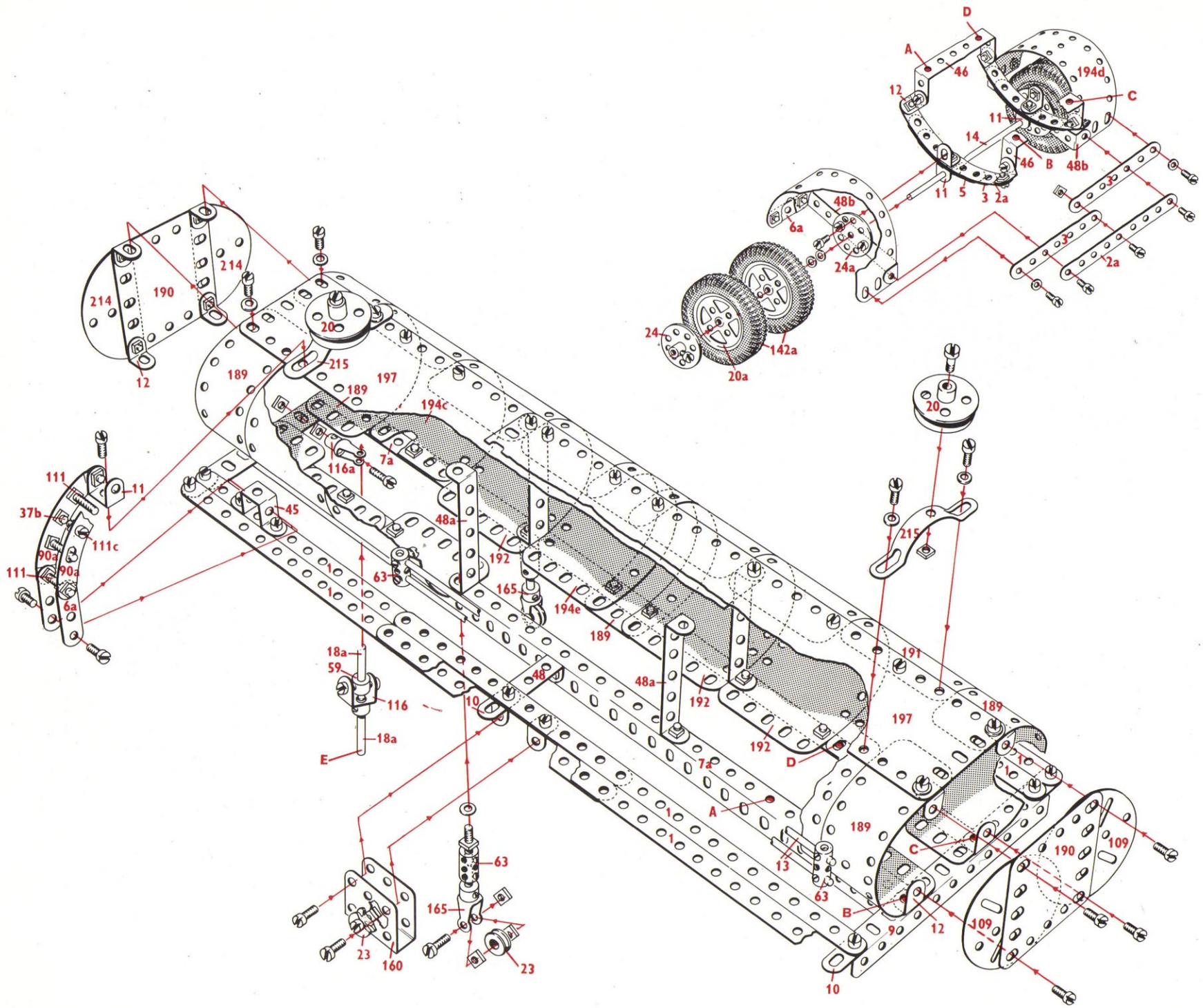
**9.9 Articulated Tanker/Tankauto/Tracteur et semi-remorque citerne
Autobotte Articolata/Schlepper mit Anhänger/Ledbar tankbil
Tanque Articulado/Auto-Tank Articulado/Tankbil**



9.9

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	

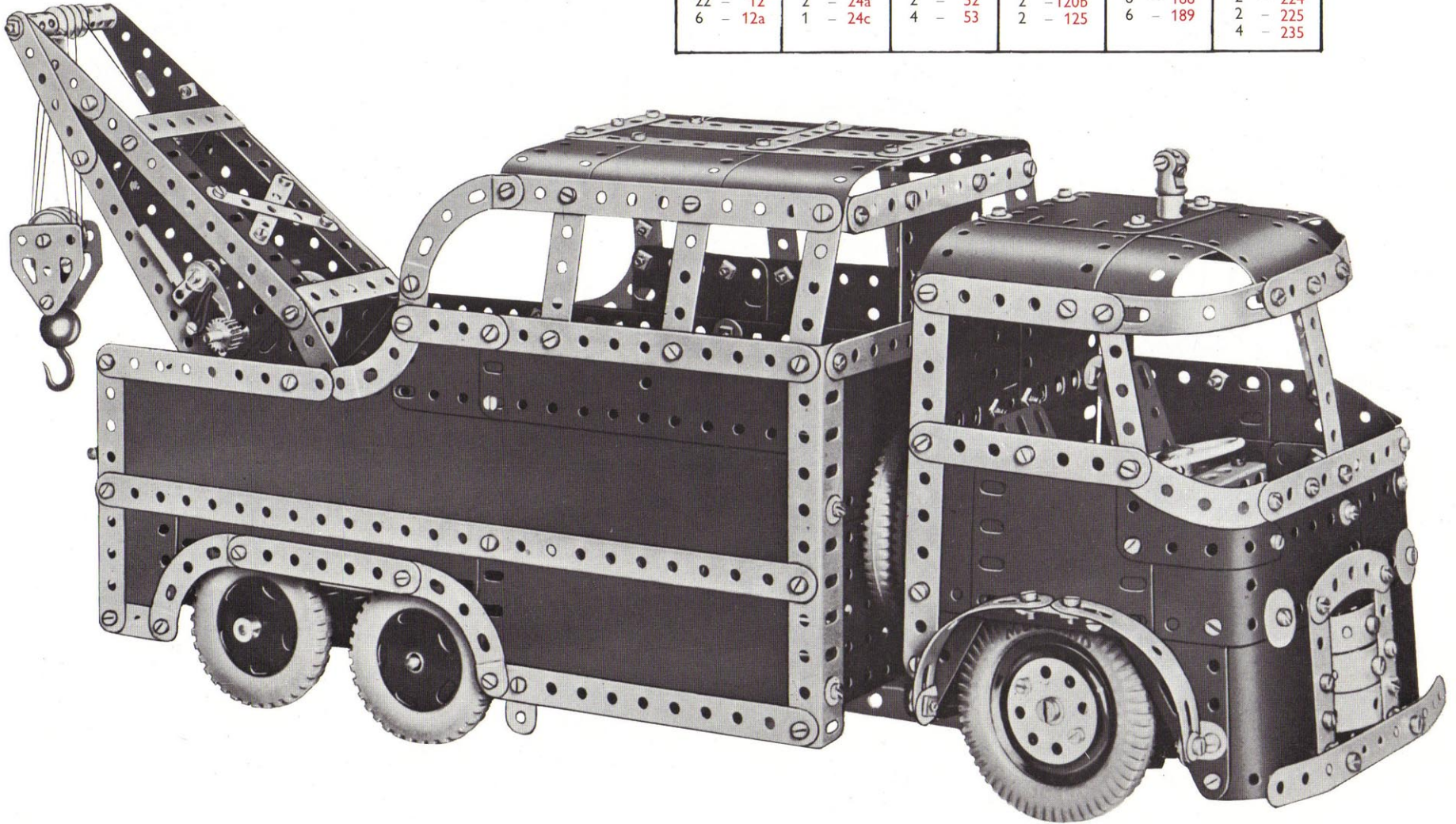


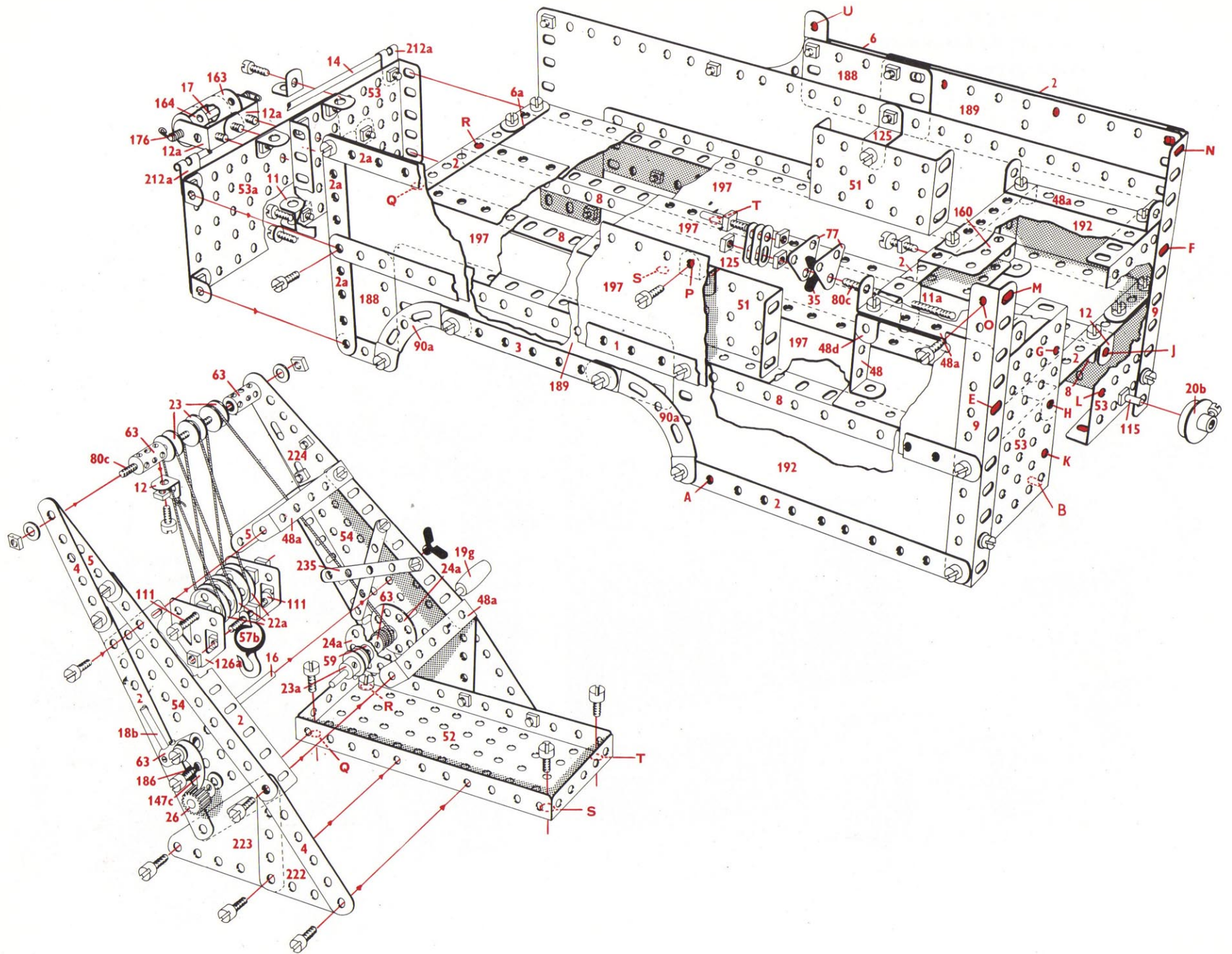


9.10 Breakdown Lorry
Kraanwagen
Camion de dépannage
Autocarro con Gru da Soccorso
Abschleppwagen
Bärgningsbil
Vehículo Socorro
Pronto Socorro
Service bil

9.10

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 - 19s	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





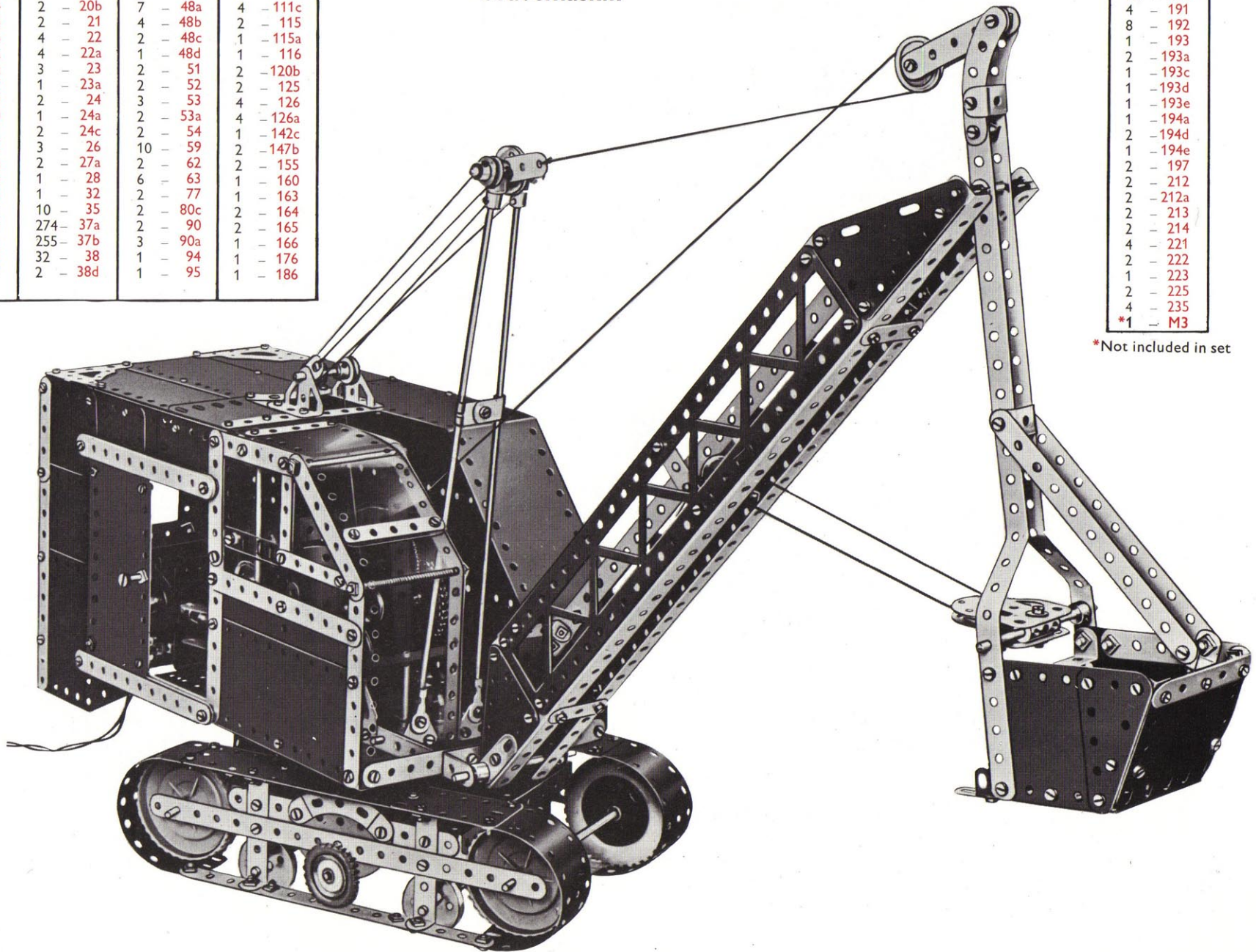
9.11 Pull Shovel/Graafmachine/Pelle mécanique
Escavatore a Pala a Ramazzo/Lade-Greifer
Grävmaskin/Pala Tiradora/Pa Excavadora
Gravemaskin

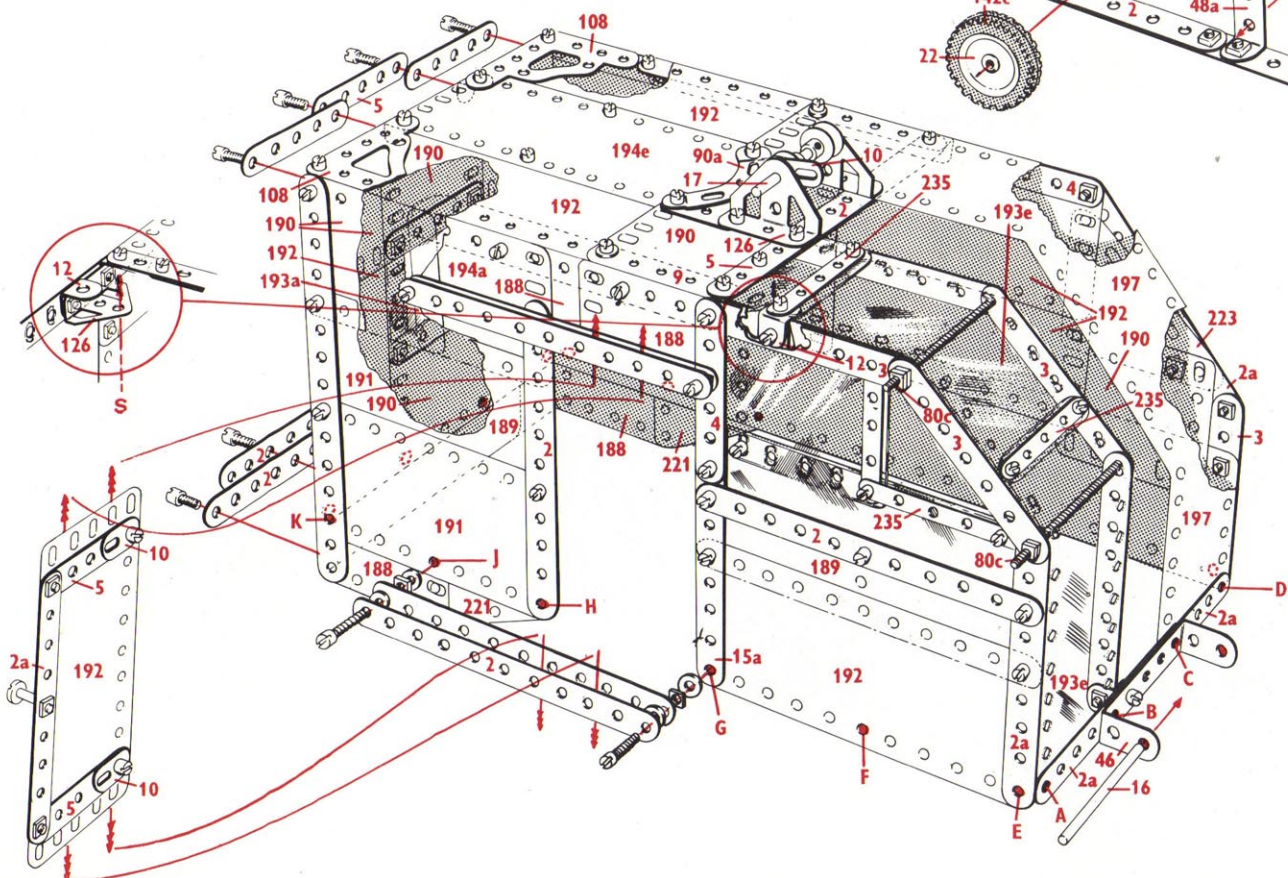
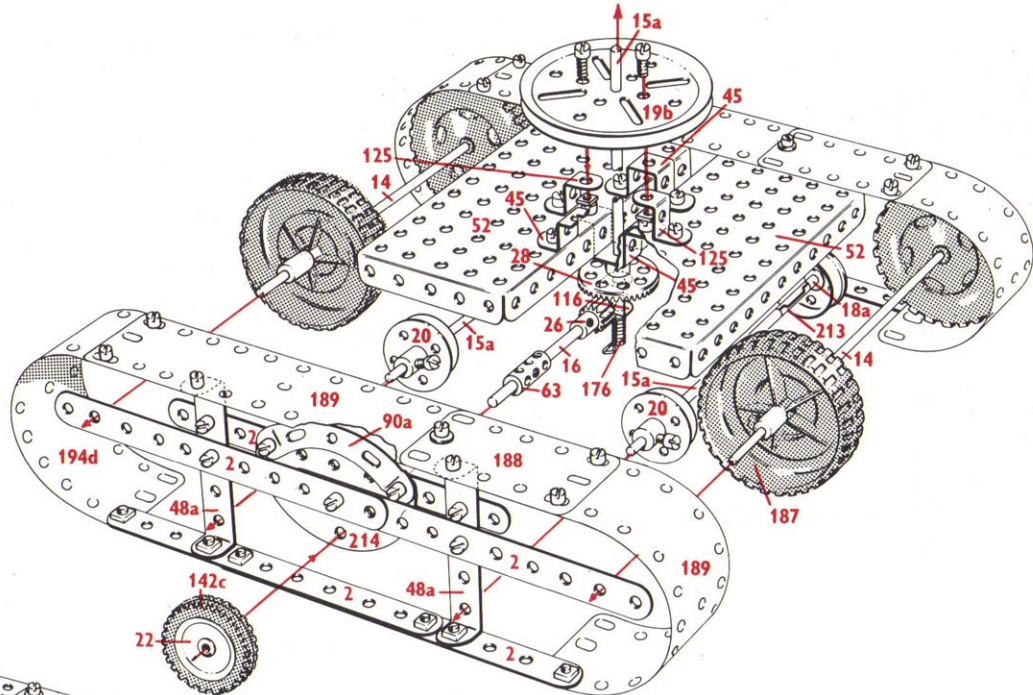
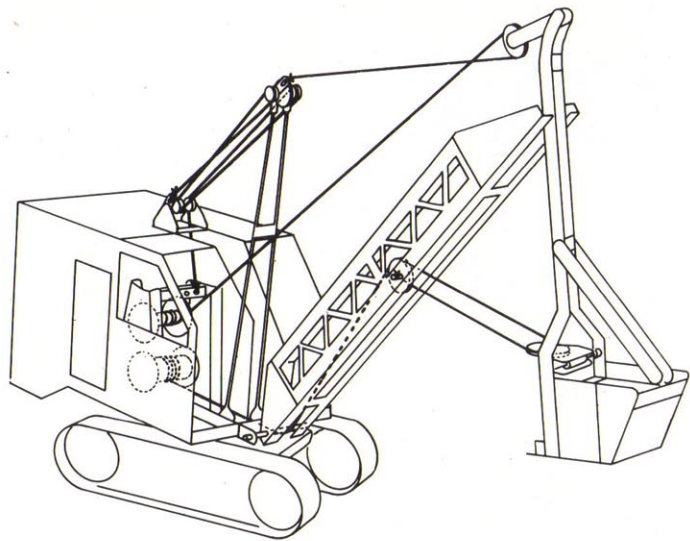
9.11

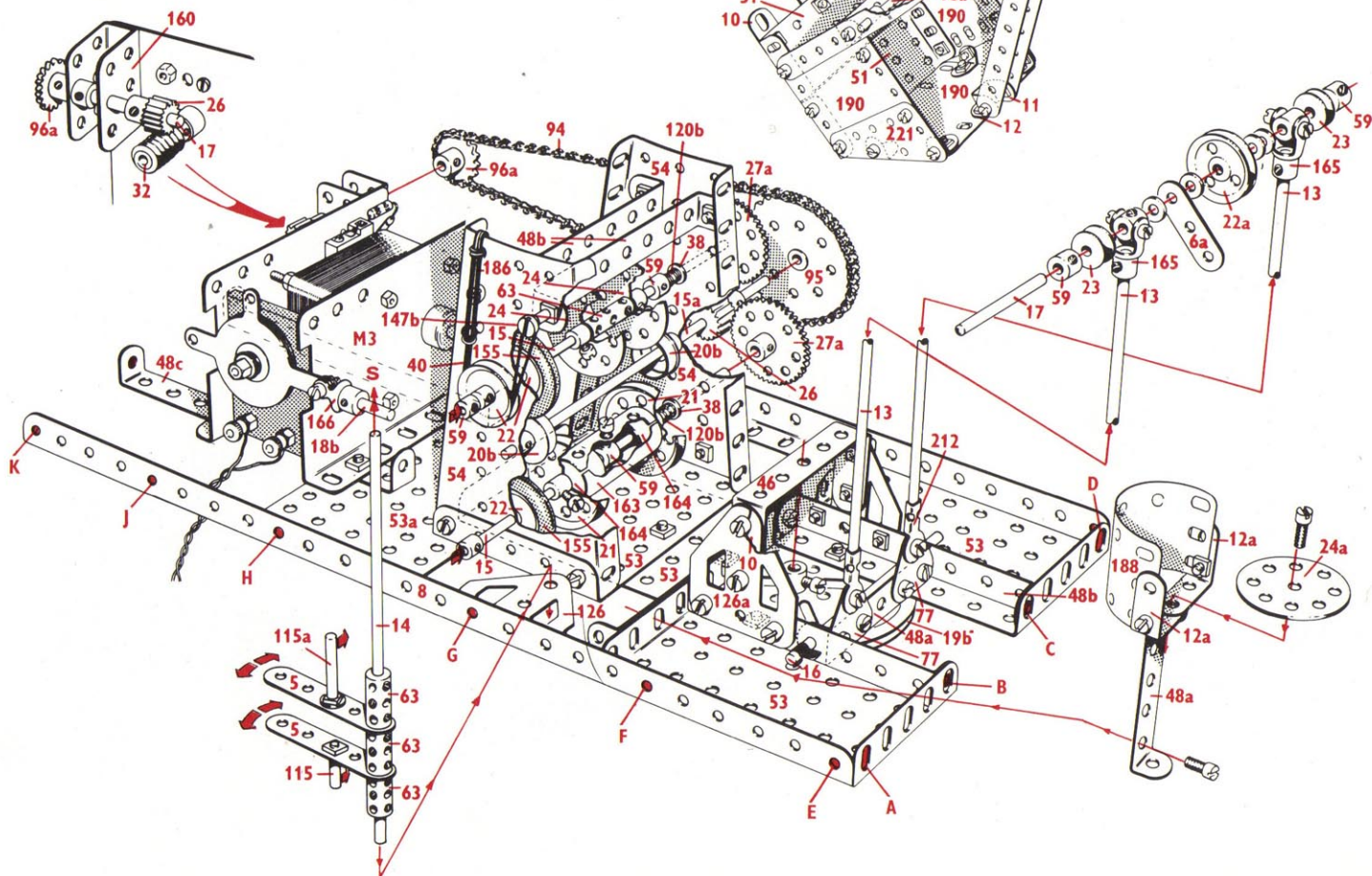
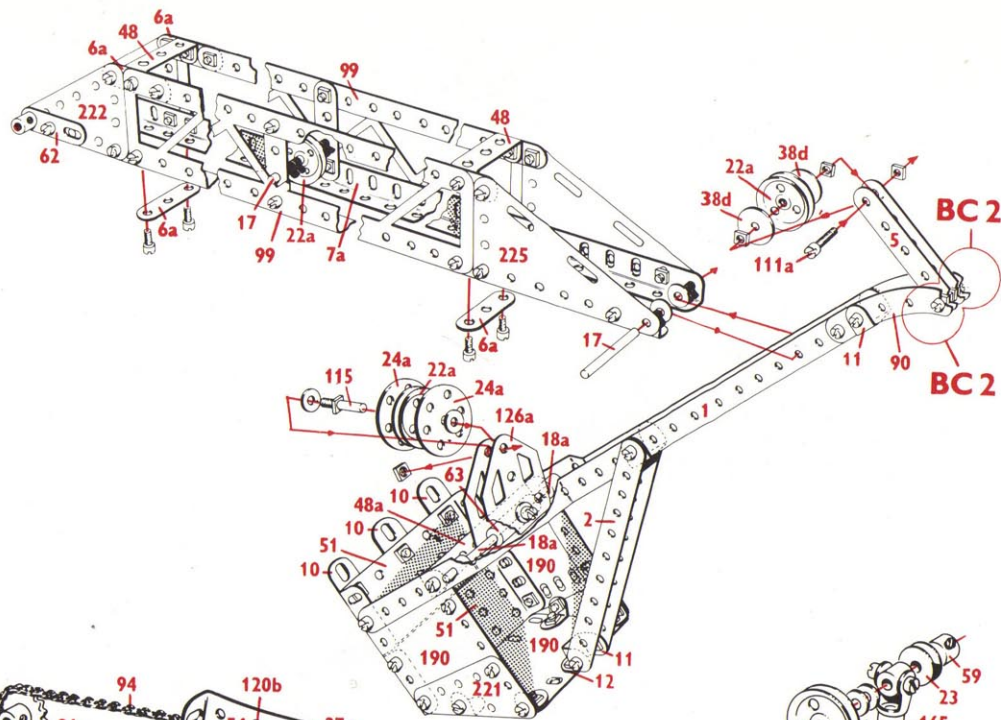
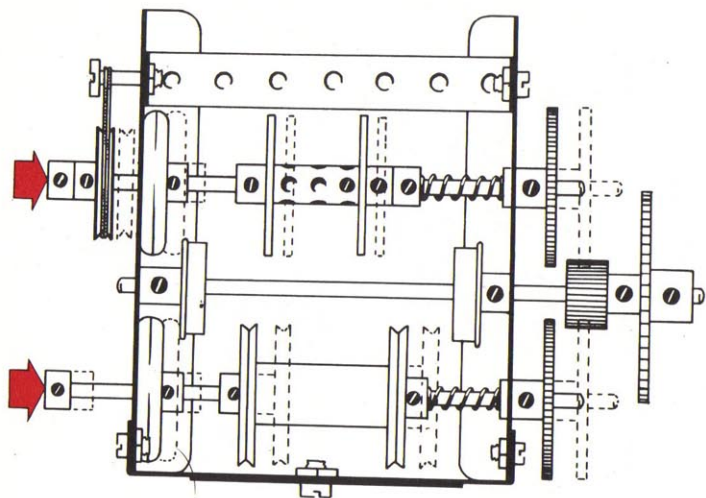
4	-	1	4	-	18a	2	-	40	1	-	96a
21	-	2	1	-	18b	3	-	45	2	-	99
6	-	2a	2	-	19b	2	-	46	2	-	108
5	-	3	4	-	20	2	-	48	1	-	111a
3	-	4	2	-	20b	7	-	48a	4	-	111c
15	-	5	2	-	21	4	-	48b	2	-	115
2	-	6	4	-	22	2	-	48c	1	-	115a
5	-	6a	4	-	22a	1	-	48d	1	-	116
2	-	7a	3	-	23	2	-	51	2	-	120b
2	-	8	1	-	23a	2	-	52	2	-	125
4	-	9	2	-	24	3	-	53	4	-	126
8	-	10	1	-	24a	2	-	53a	4	-	126a
3	-	11	2	-	24c	2	-	54	1	-	142c
12	-	12	3	-	26	10	-	59	2	-	147b
2	-	12a	2	-	27a	2	-	62	2	-	155
1	-	12b	1	-	28	6	-	63	1	-	160
2	-	13	1	-	32	2	-	77	1	-	163
3	-	14	10	-	35	2	-	80c	2	-	164
2	-	15	274	-	37a	2	-	90	2	-	165
4	-	15a	255	-	37b	3	-	90a	1	-	166
3	-	16	32	-	38	1	-	94	1	-	176
5	-	17	2	-	38d	1	-	95	1	-	186

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
*1	-	M3

*Not included in set







9.12

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			

9.12 Elevated Platform Vehicle/Montagewagen

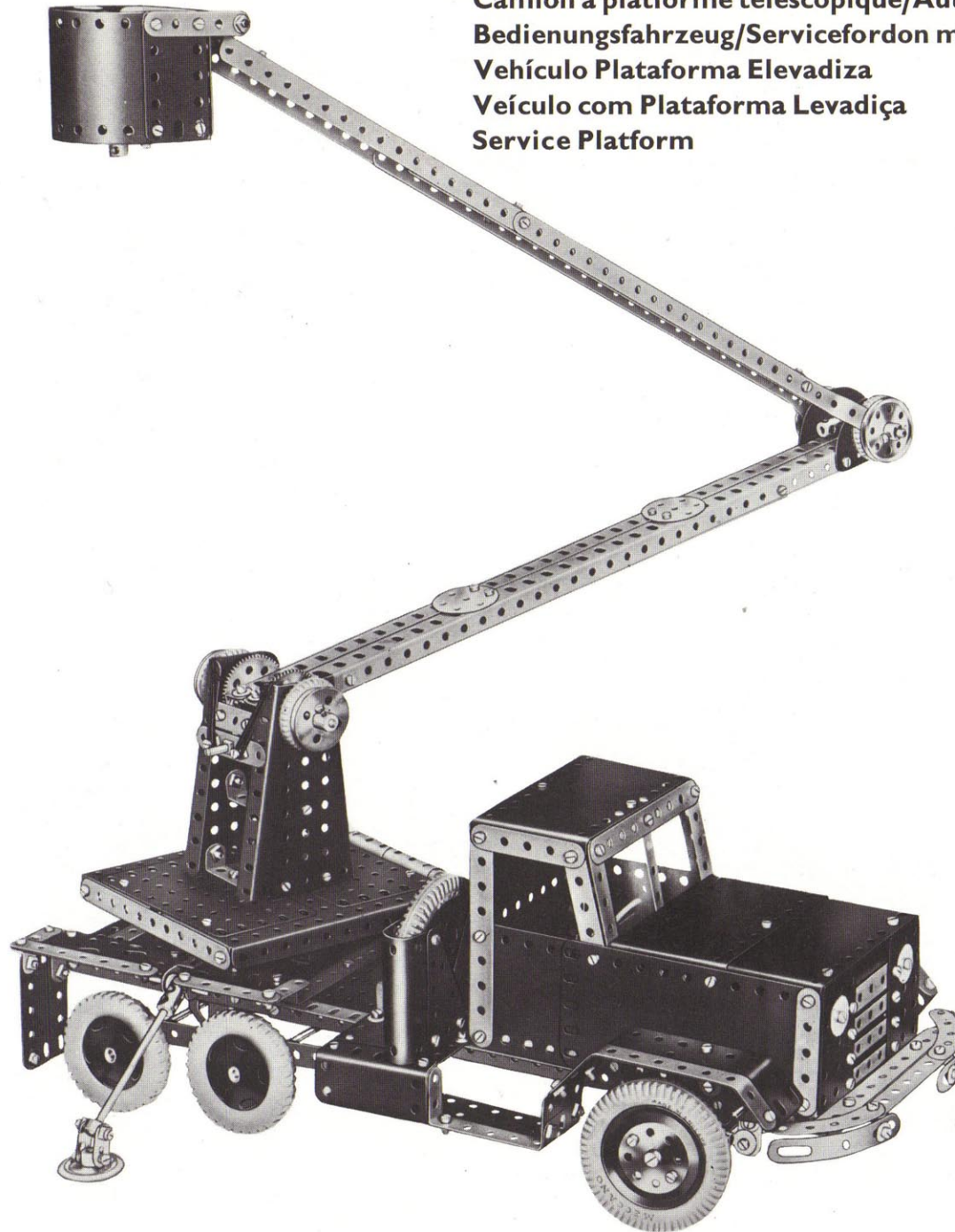
Camion à plateforme télescopique/Autocarro per Lavori Aerei

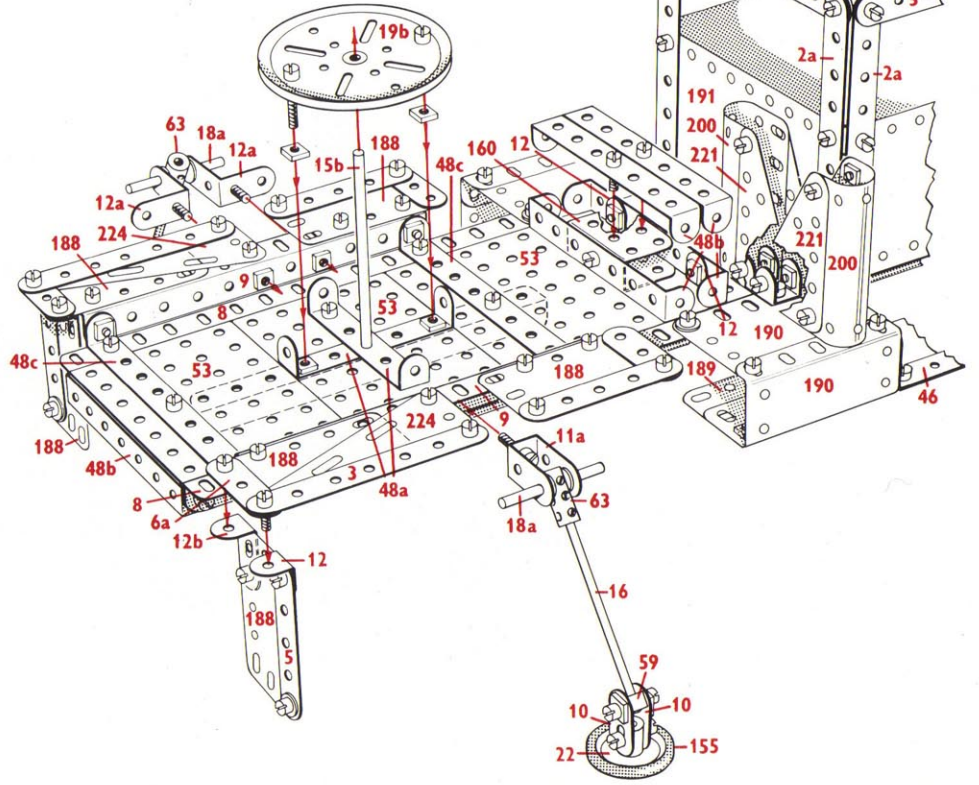
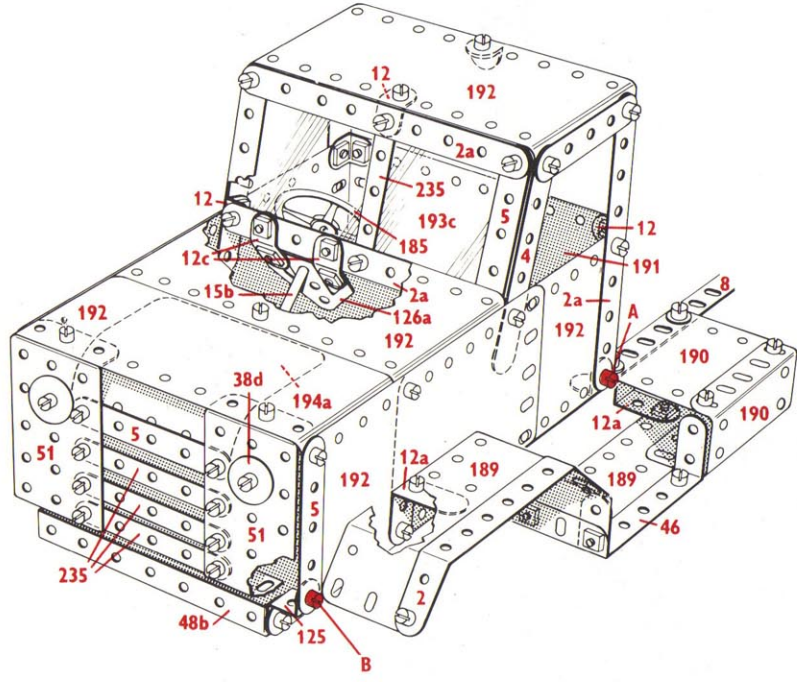
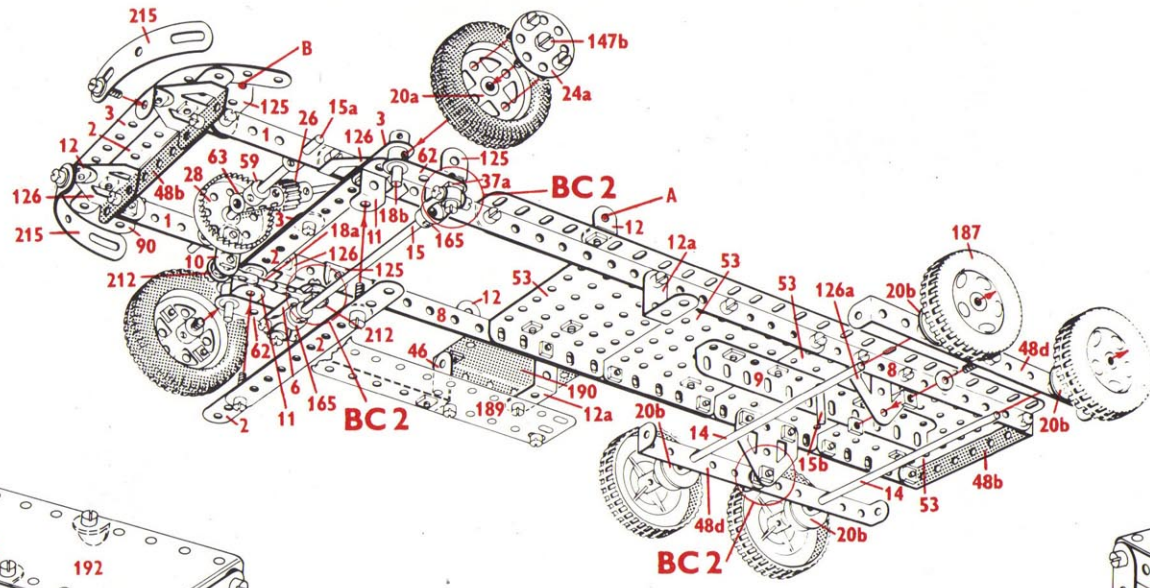
Bedienungsfahrzeug/Servicefordon med rörlig plattform

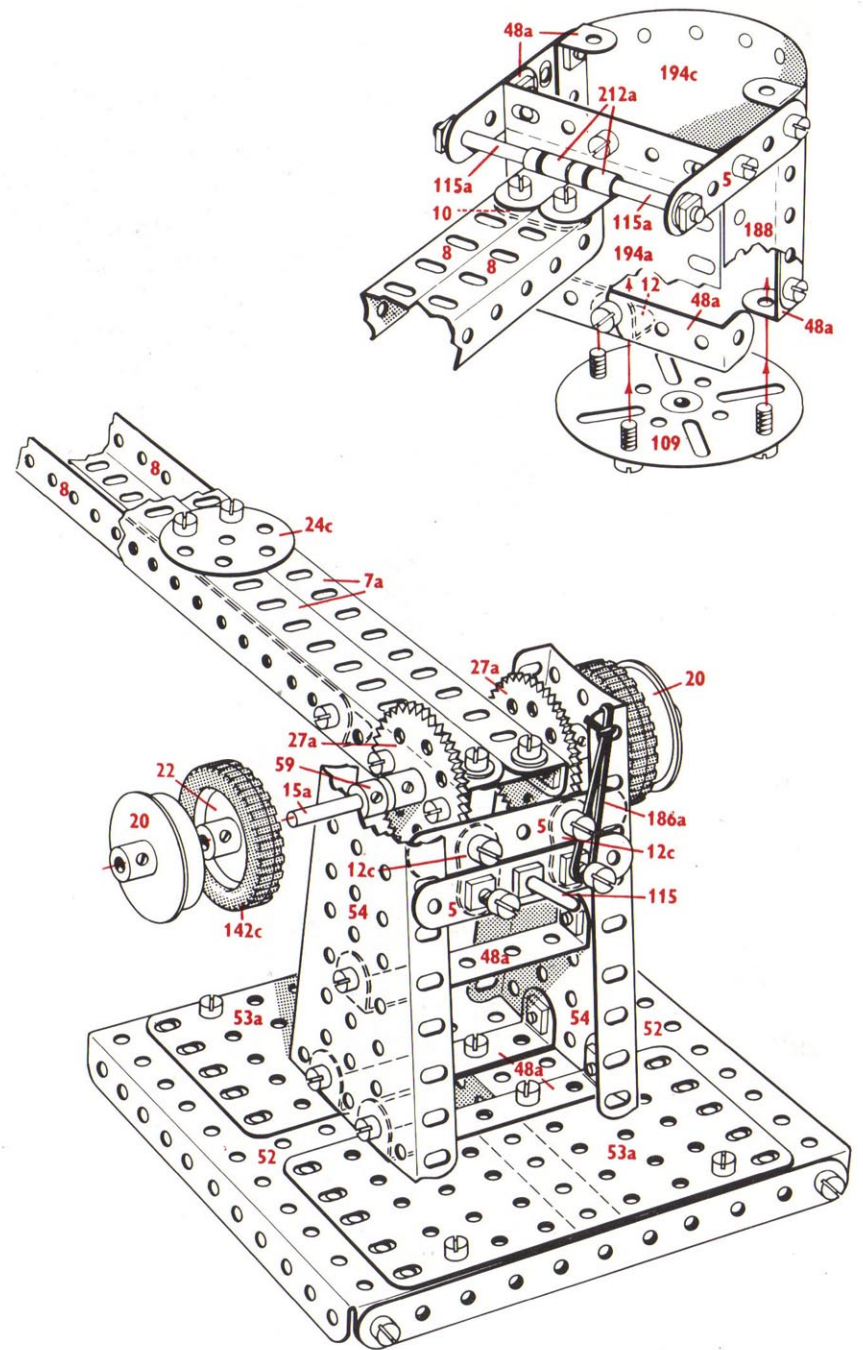
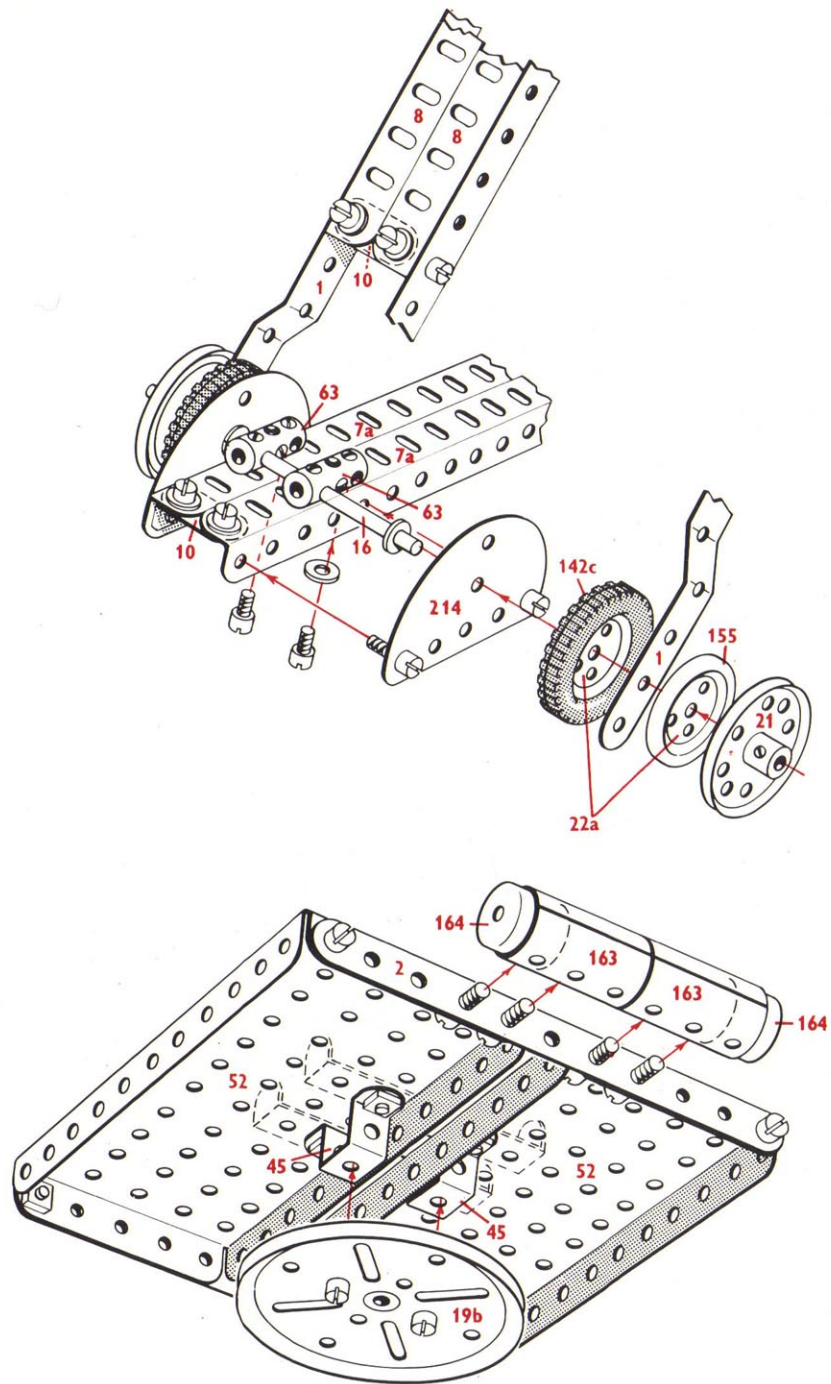
Vehículo Plataforma Elevadiza

Veículo com Plataforma Levadiça

Service Platform







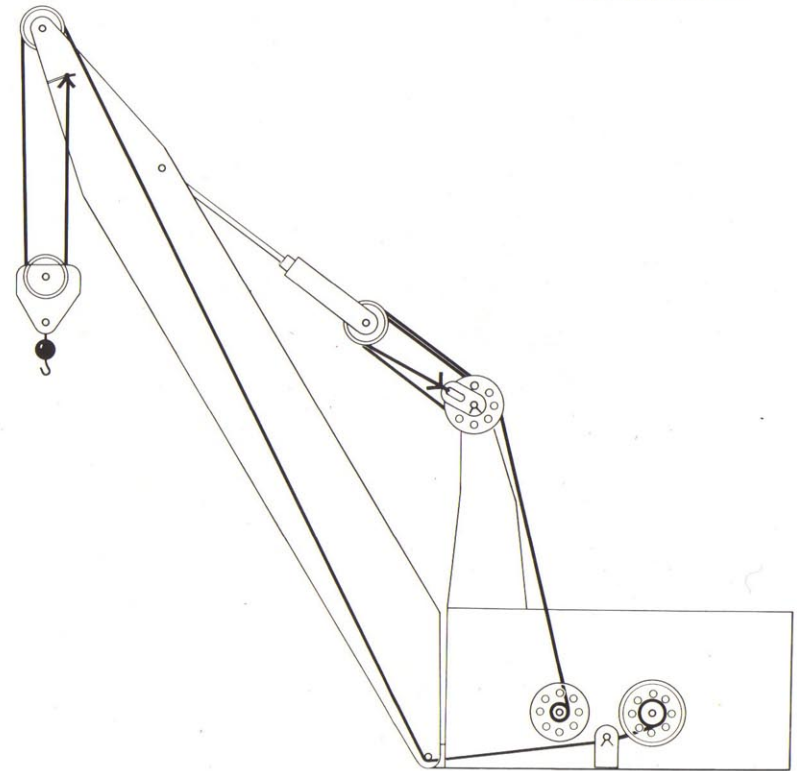
9.13 Docksider Crane
Torenkraan
Grue de port
Gru da Banchina
Turm-Auslegerkran
Hamnkran
Grúa de Muelle
Guindaste de Cais
Heisekran

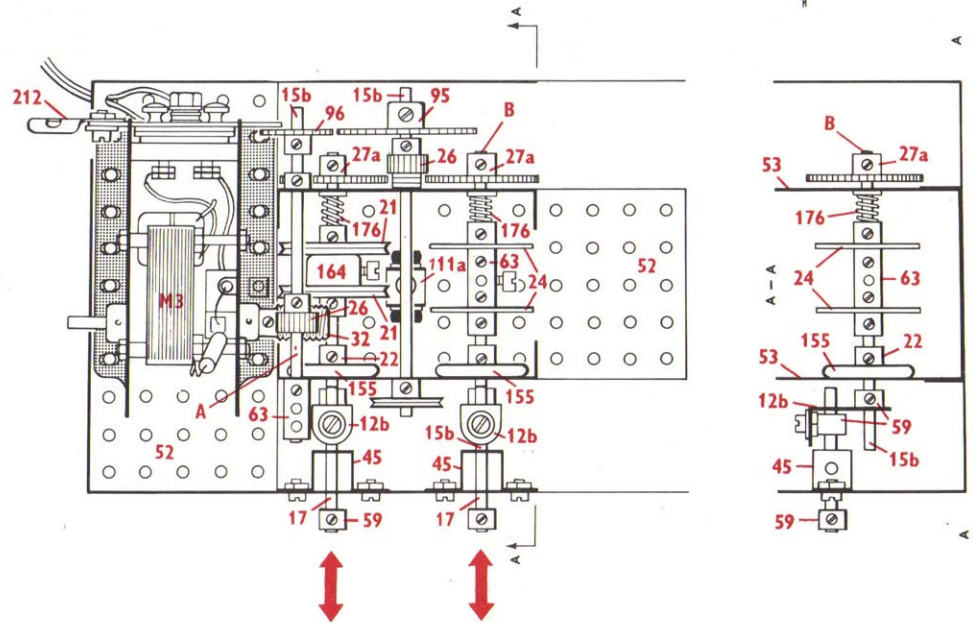
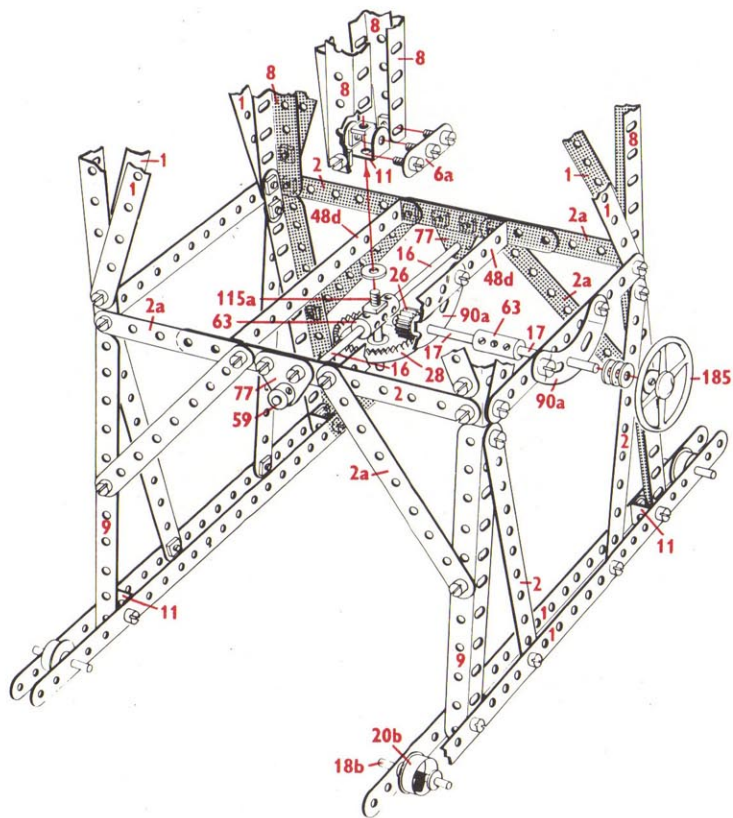
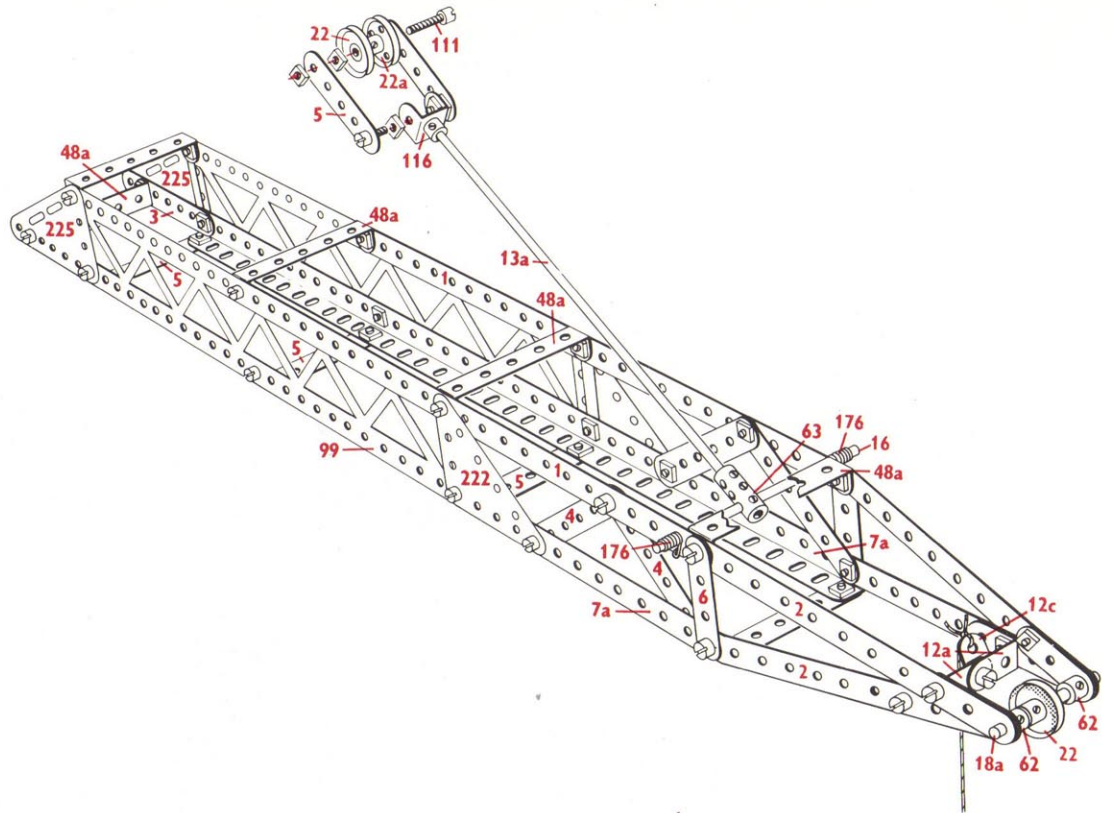
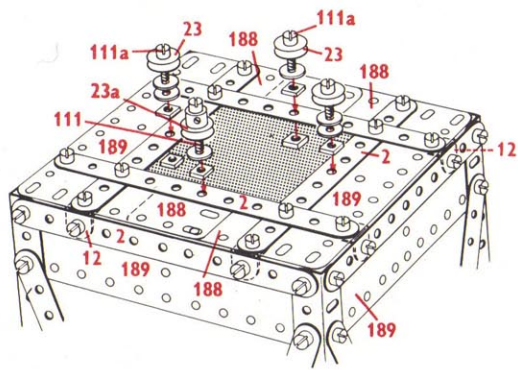


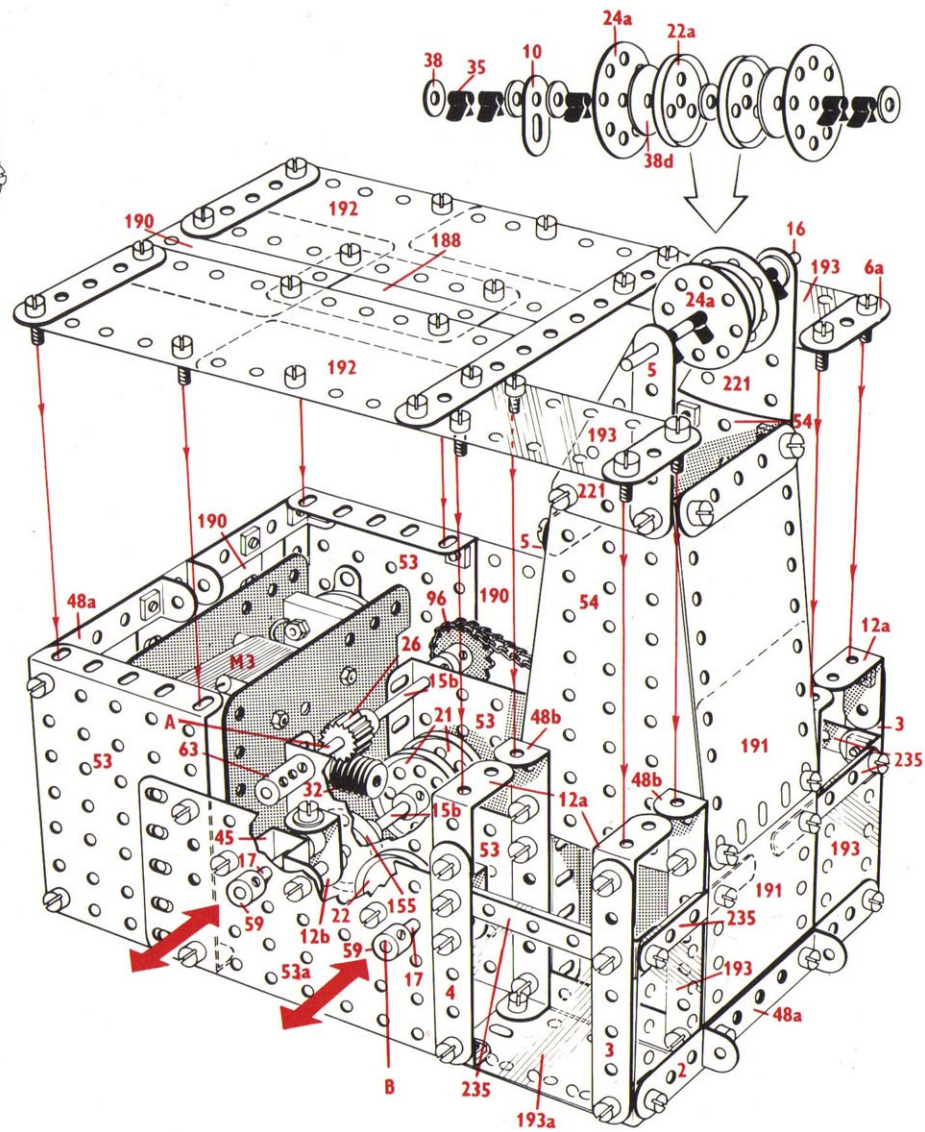
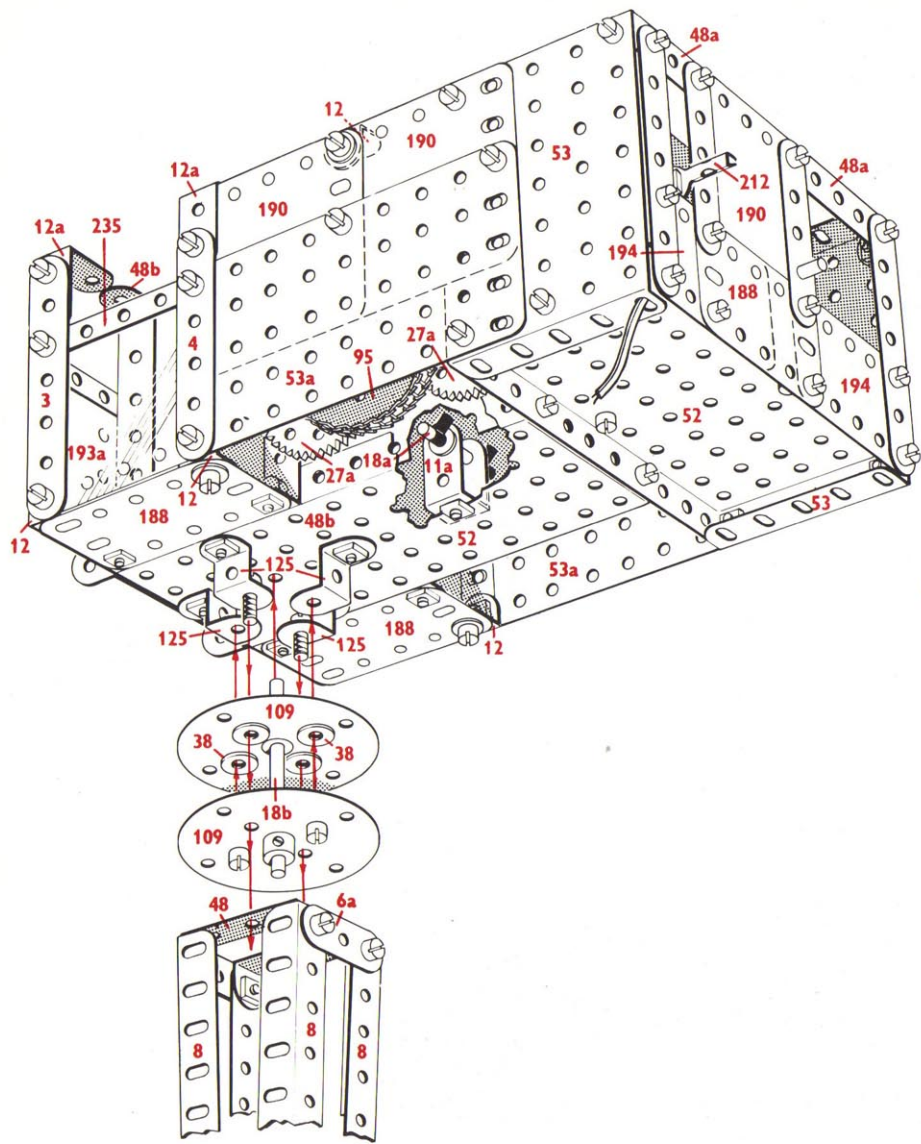
9.13

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	2 - 176
2 - 7a	2 - 24	10 - 59	1 - 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
			*1 - M3

*Not included in set



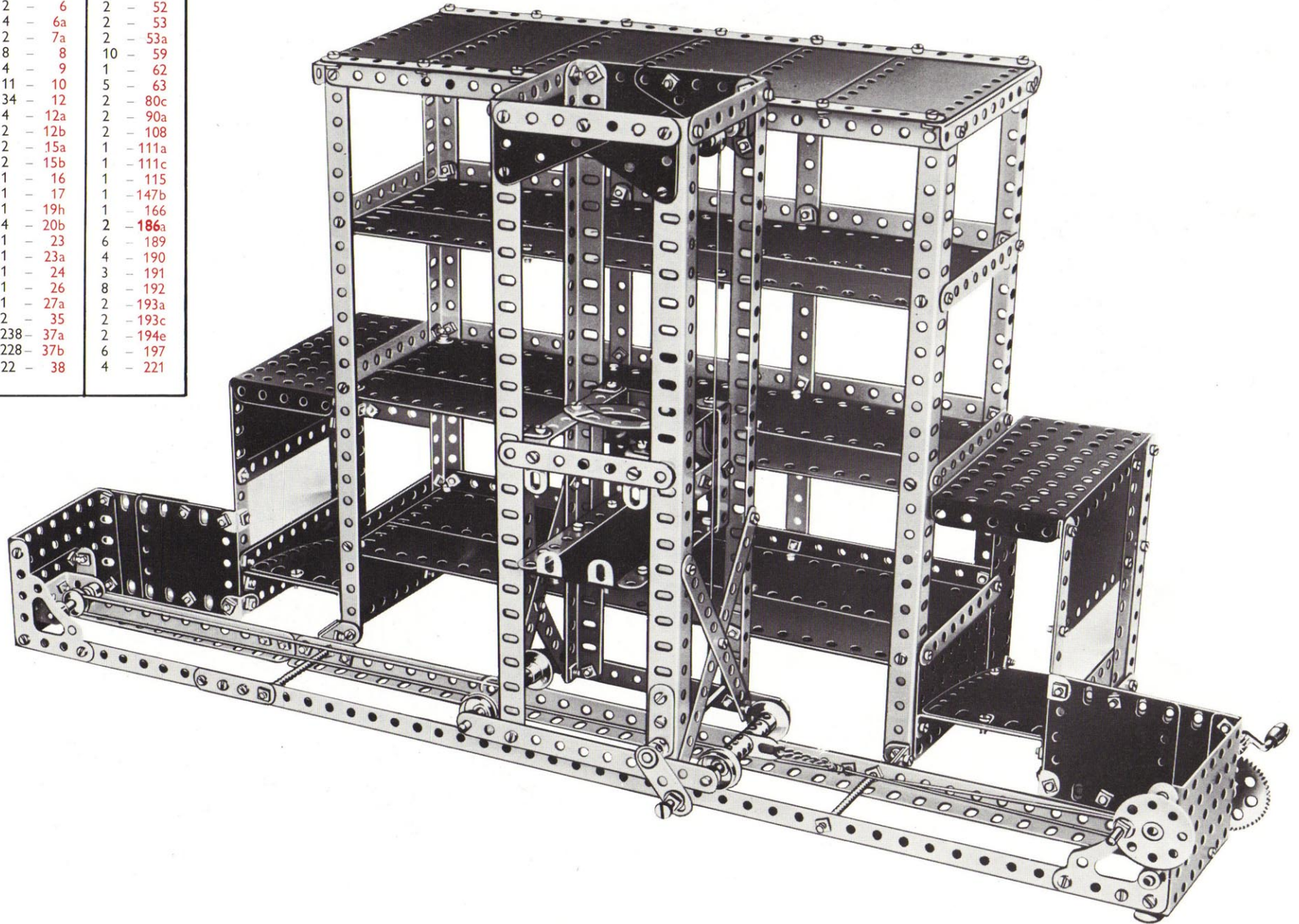


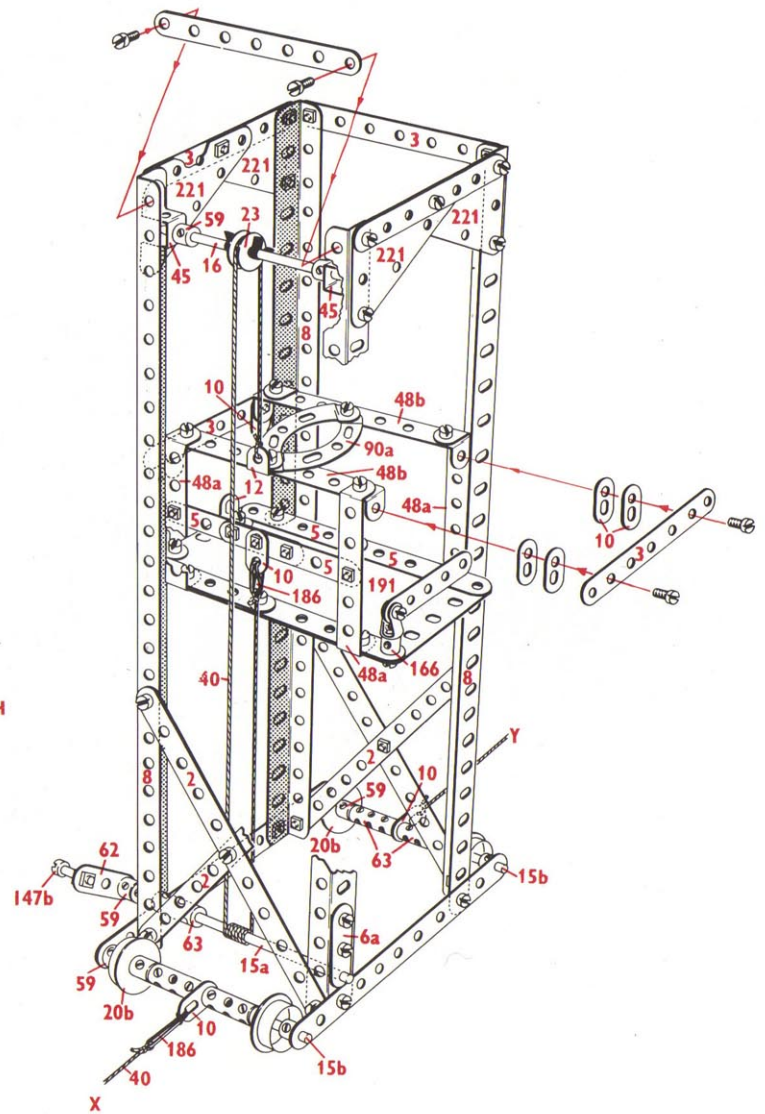
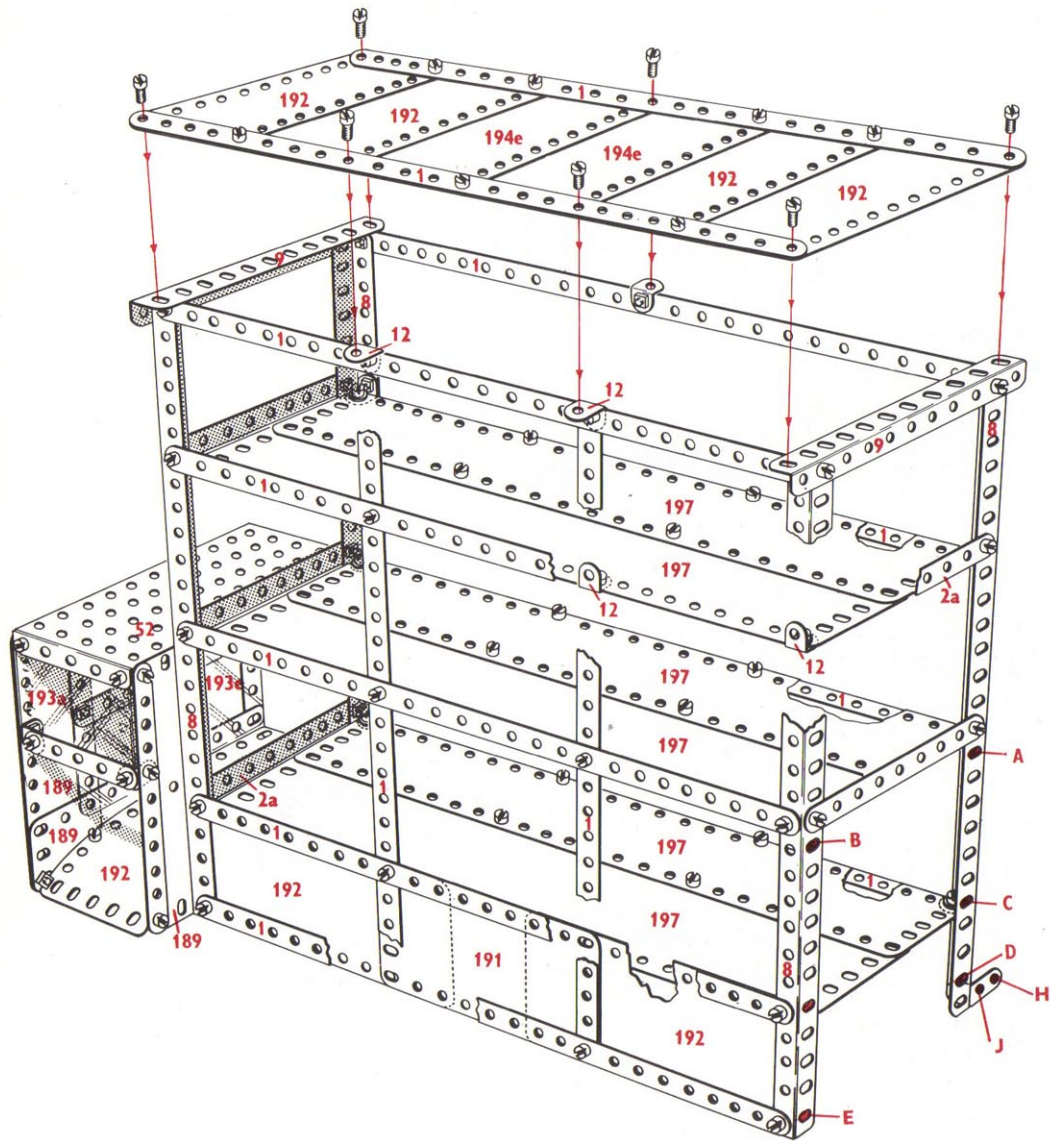


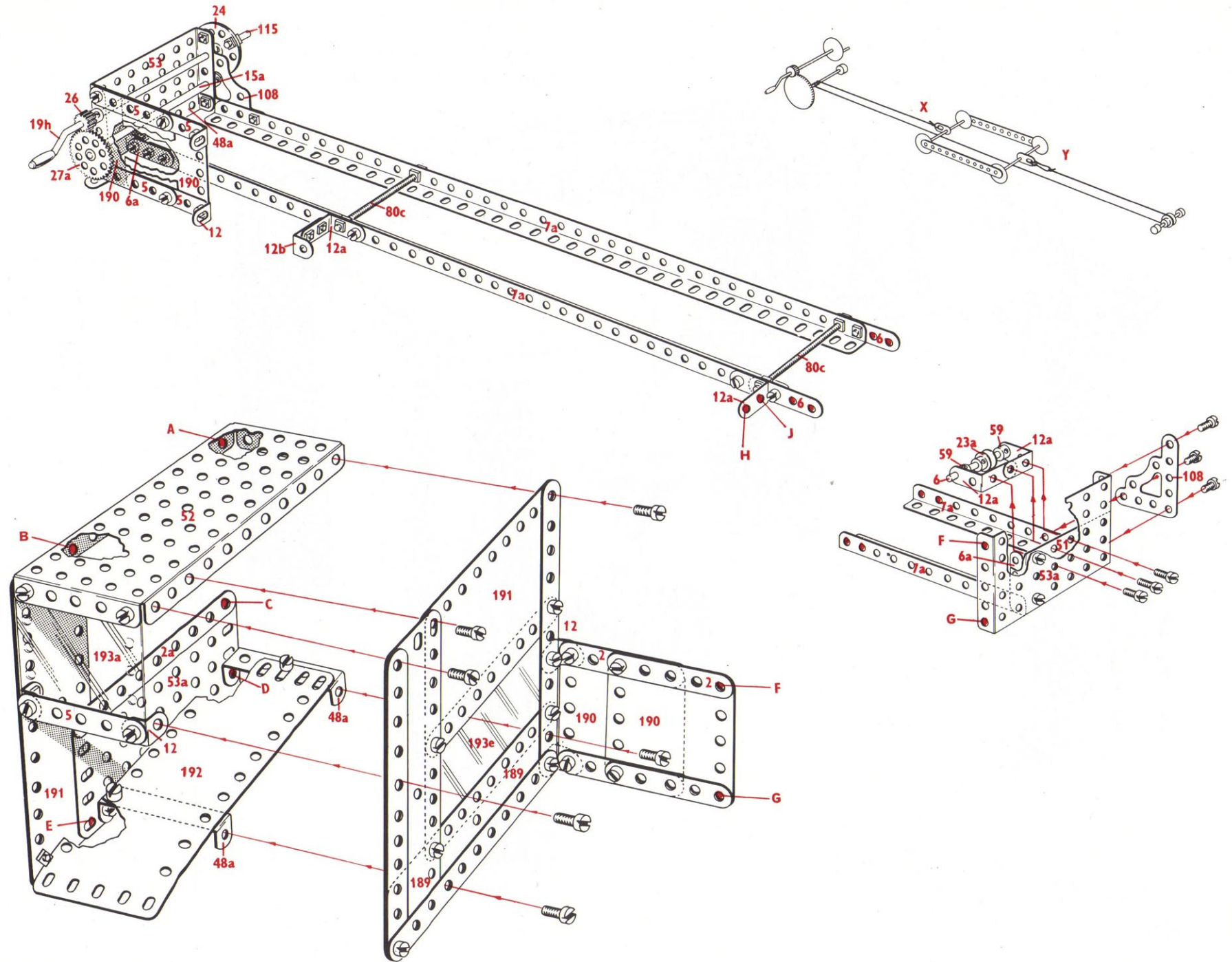
**9.14 Elevated Car Park/Auto parkeergebouw /Ascenseur de garage
 Parcheggio di Automobili a Tre Piani/Parkplatz/Bilhotell
 Parque Elevado/Parque Elevado para Automóveis/Bilhotel**

9.14

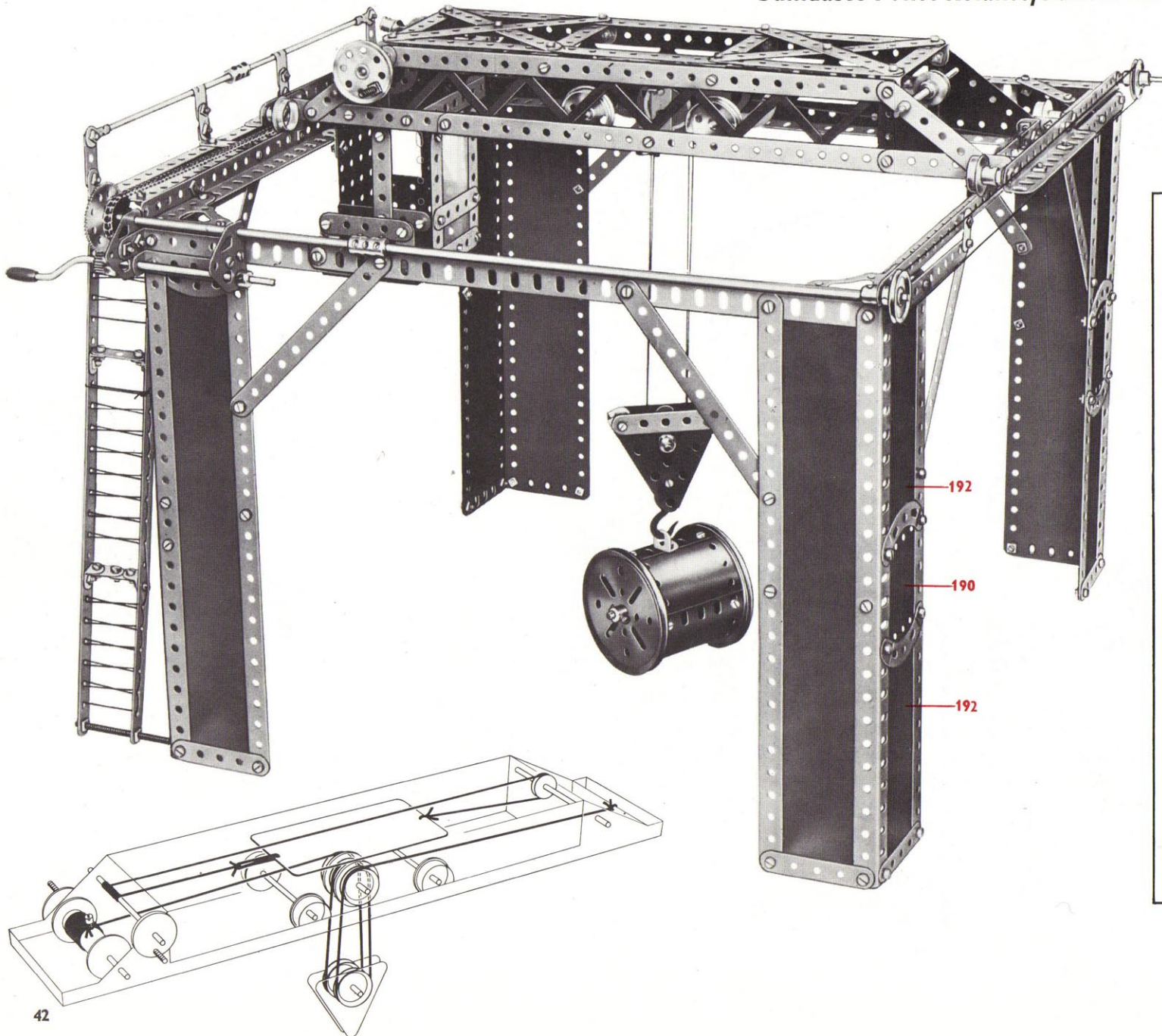
13 - 1	1 - 40
14 - 2	2 - 45
6 - 2a	9 - 48a
6 - 3	2 - 48b
18 - 5	1 - 51
2 - 6	2 - 52
4 - 6a	2 - 53
2 - 7a	2 - 53a
8 - 8	10 - 59
4 - 9	1 - 62
11 - 10	5 - 63
34 - 12	2 - 80c
4 - 12a	2 - 90a
2 - 12b	2 - 108
2 - 15a	1 - 111a
2 - 15b	1 - 111c
1 - 16	1 - 115
1 - 17	1 - 147b
1 - 19h	1 - 166
4 - 20b	2 - 186a
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





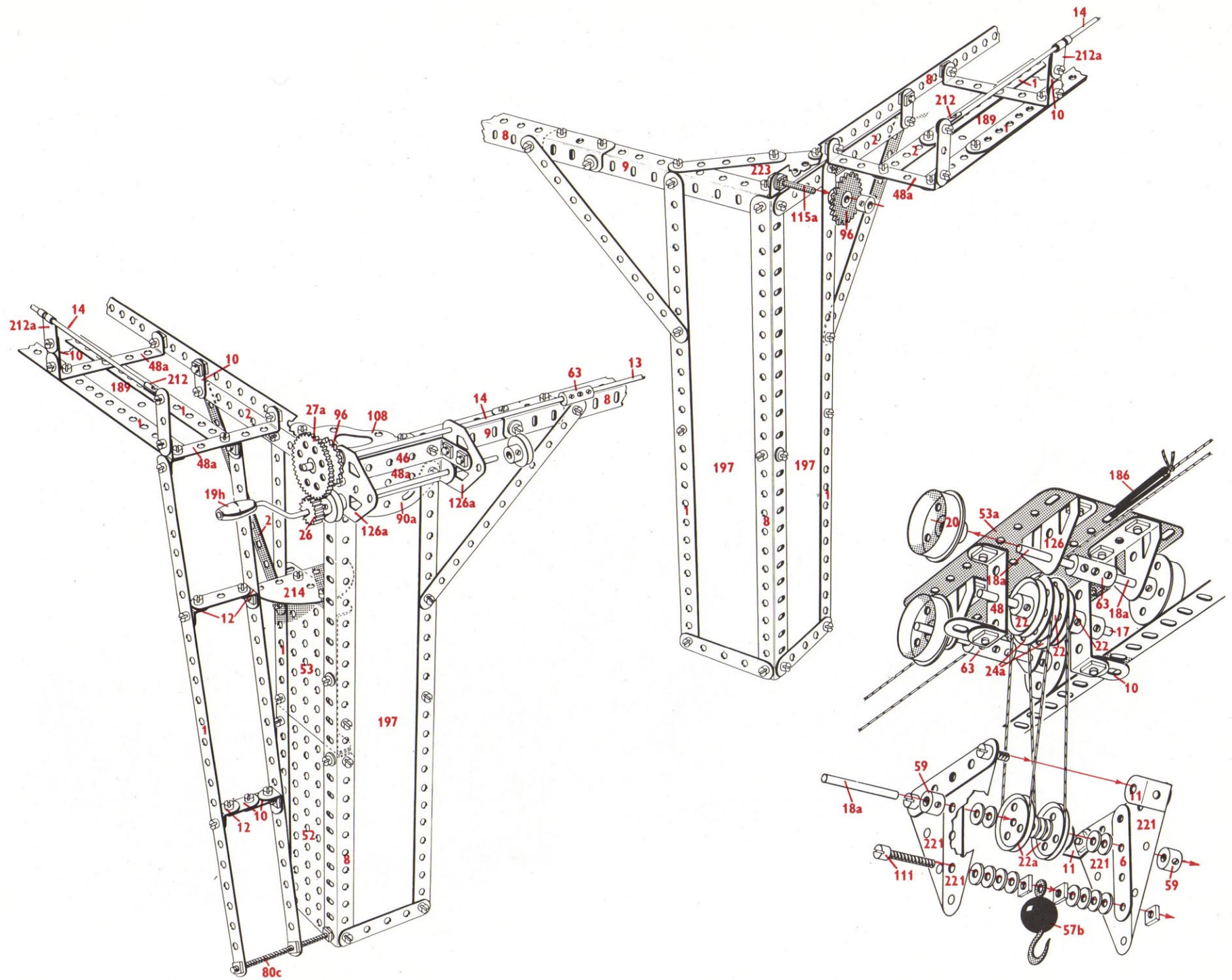


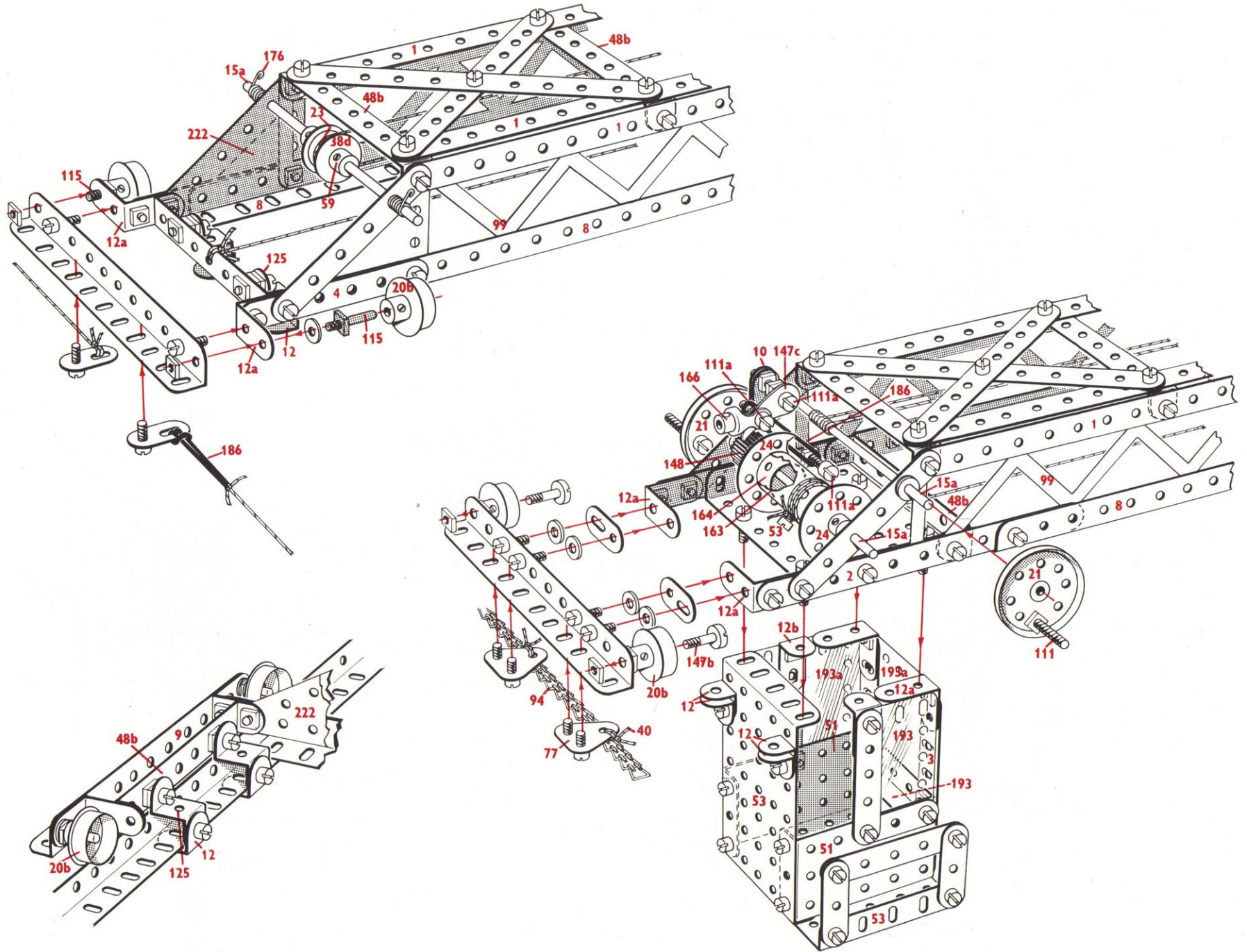
**9.15 Travelling Gantry Crane/Portaalkraan/Pont roulant
 Gru Scorrevole a Portico/Fahrbarer Gerustkran
 Traverskran/Grúa Corredora
 Guindaste-Ponte Rolante/Rullende heisekran**



9.15

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	-	19s	2	-	147b
4	-	20	1	-	147c
4	-	20b	4	-	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

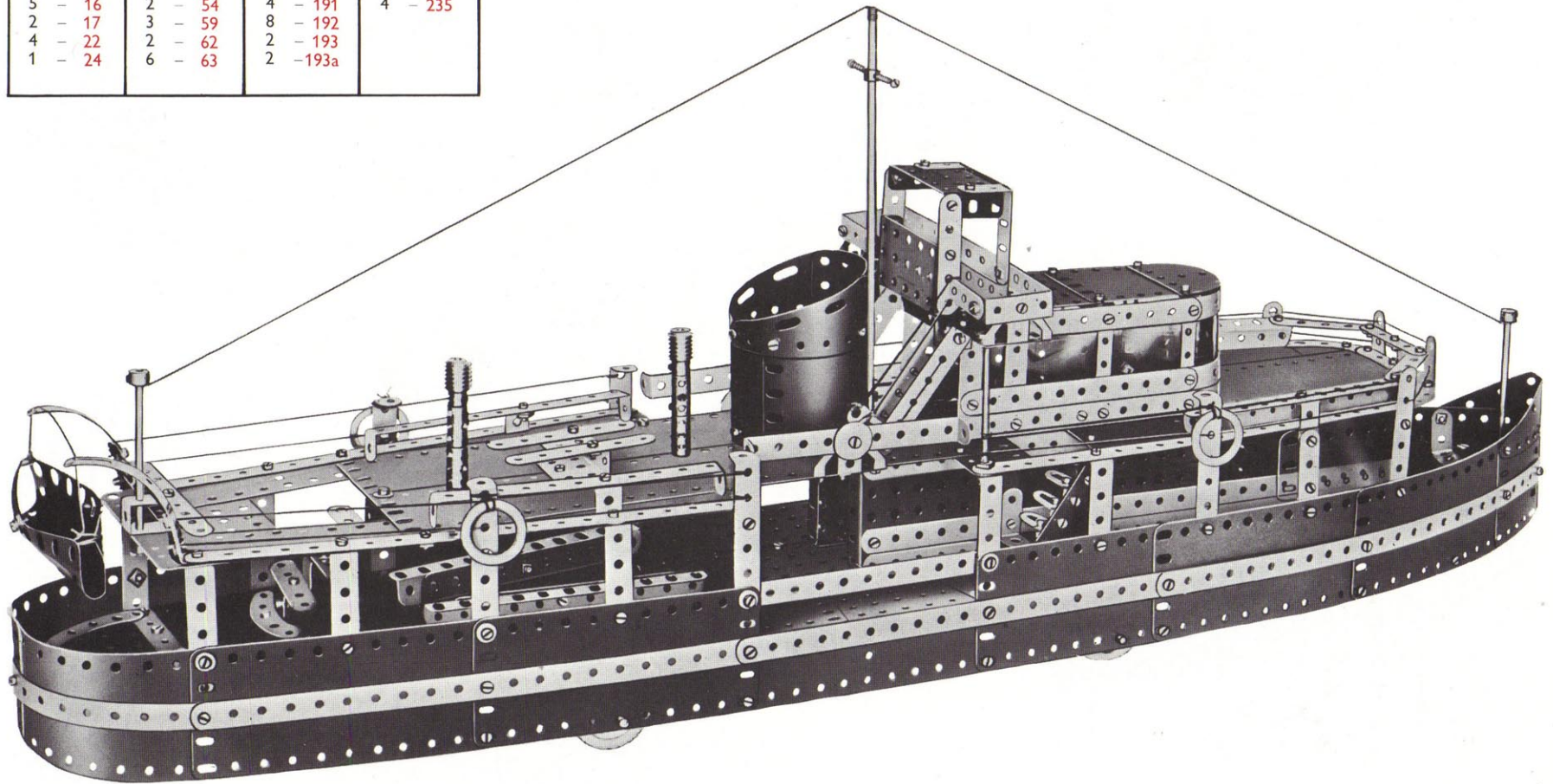


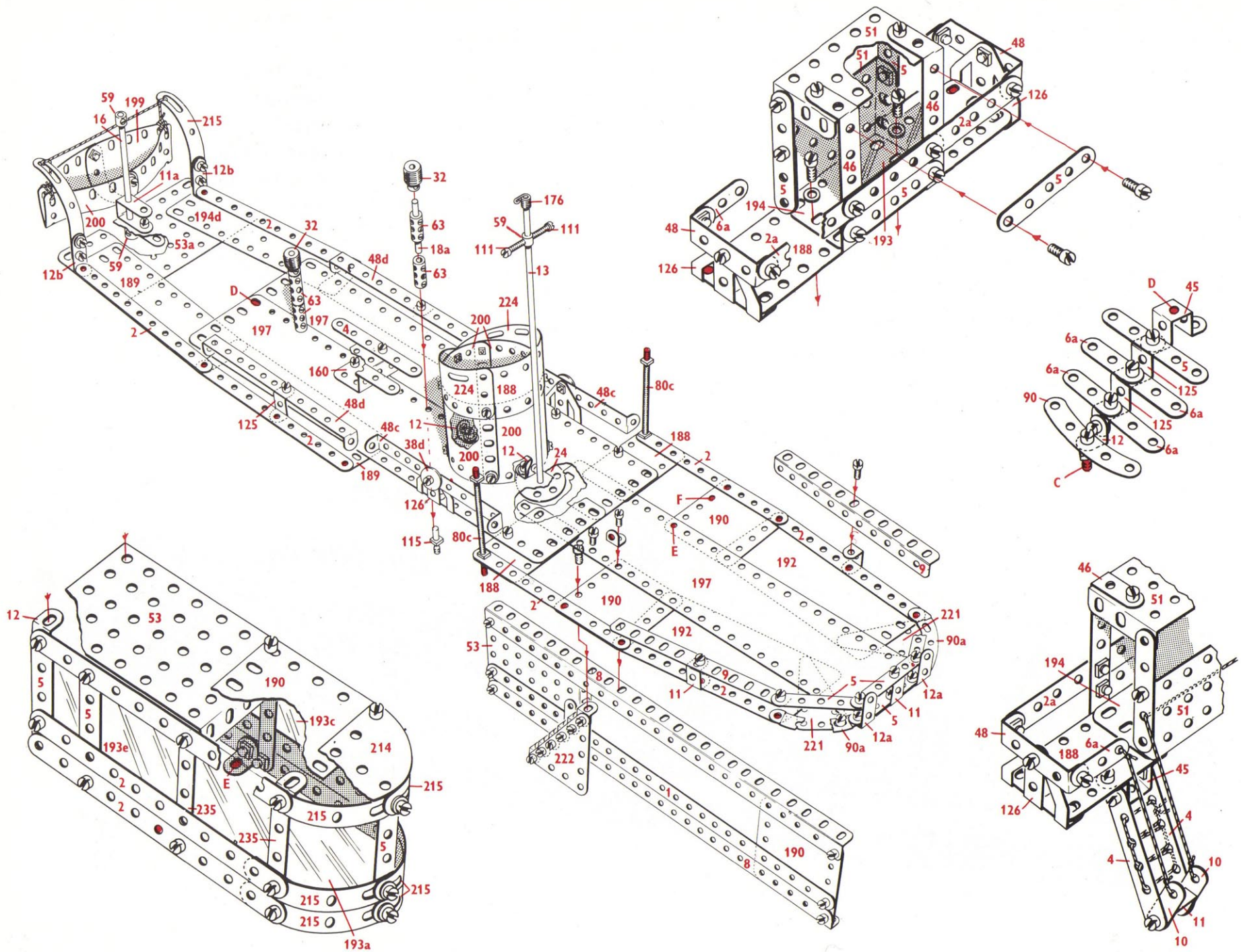


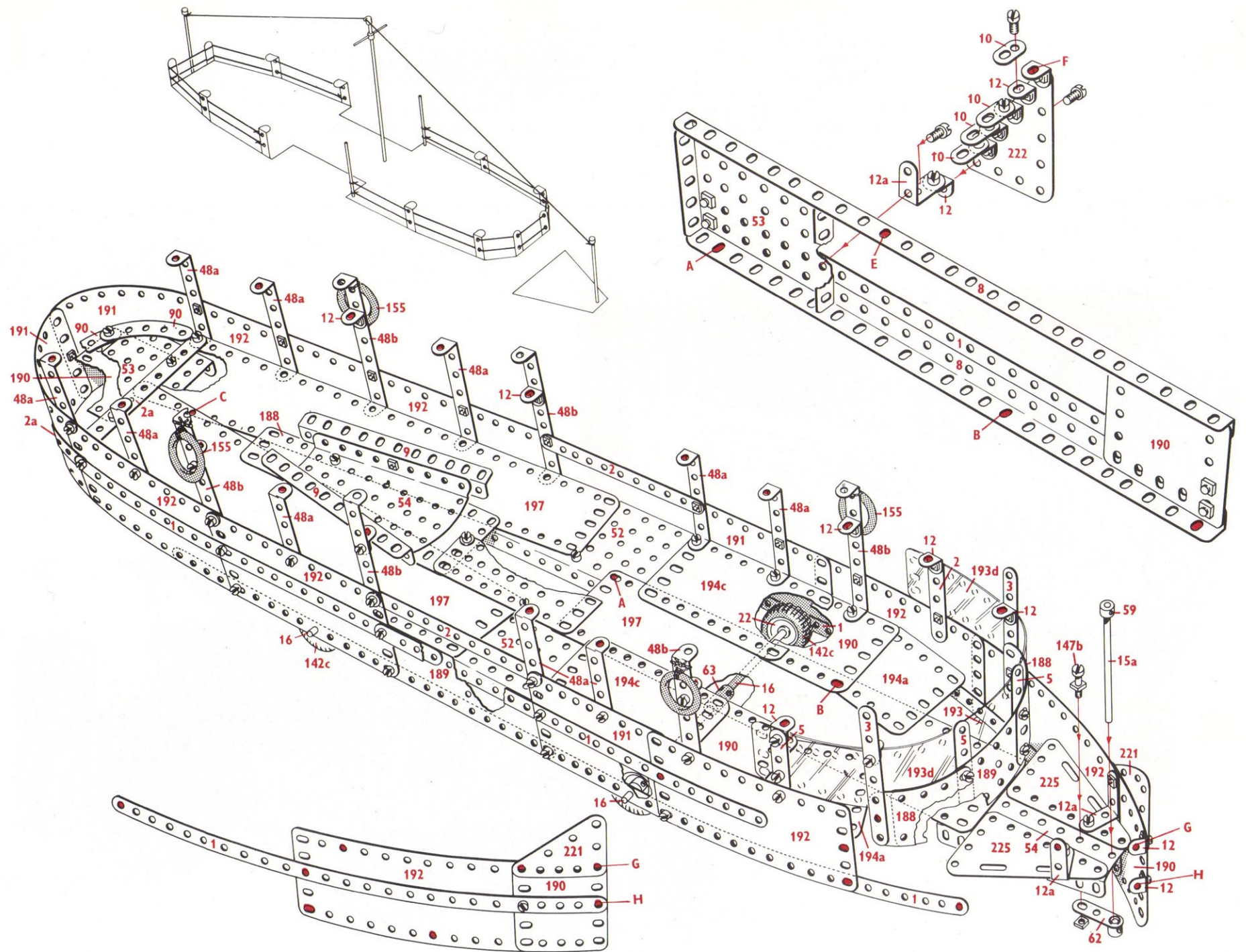
9.16

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	

9.16 Ferry Boat
Veerboot
Ferry Boat
Nave Traghetto
Fährboot
Färja
Vapor de Río
Barco de Río
Ferge







LIFTING SHOVEL BUILT WITH MECCANO SET NO. 10

TRACTOR LAADSCHOP — GEBOUWD MET MECCANO SET NR. 10
PELLE MÉCANIQUE RÉALISÉE AVEC LE COFFRET MECCANO NO. 10
MOTOPALA COSTRUITA CON IL CORREDO MECCANO N. 10
SCHAUFELLADER — GEBAUT MIT DEM MECCANO SET NR. 10
LYFTSKOPA BYGGD MED MECCANOSATS NR 10
PALA CARGADORA CONSTRUIDA CON EL JUEGO DE MECCANO NO.10
A ESCAVADEIRA DE ELEVAÇÃO CONSTRUIDA COM O JOGO MECCANO NO. 10
LØFTESKUFFE BYGGET MED MECCANOSETT NR. 10

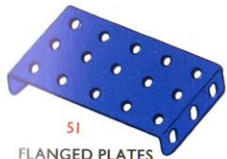


The No. 10 Set, the largest in the Meccano range, is contained in this attractive four drawer oak finished cabinet.

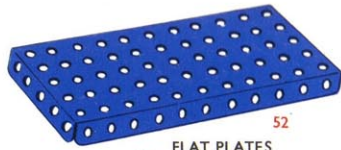


This striking model represents a popular type of mechanical lifting shovel used on large construction jobs where quantities of soil or other material have to be loaded into vehicles for removal from the site. Power is provided by a Meccano E15R Electric Motor that drives the road wheels through a differential. The lifting and unloading movements of the shovel are controlled from the cab, and the hoisting winch is fitted with an automatic brake.

A general view of the Lifting Shovel with its bucket in position for loading.



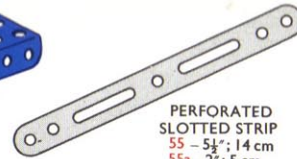
51
FLANGED PLATES
 51 - $2\frac{1}{2} \times 1\frac{1}{2}$; 60 x 38 mm
 52 - $5\frac{1}{2} \times 2\frac{1}{2}$; 14 x 6 cm
 53 - $3\frac{1}{2} \times 2\frac{1}{2}$; 9 x 6 cm



52
FLAT PLATES
 52a - $5\frac{1}{2} \times 3\frac{1}{2}$; 14 x 9 cm
 53a - $4\frac{1}{2} \times 2\frac{1}{2}$; 11 x 6 cm



54 - $4\frac{1}{2}$; 115 mm
FLANGED SECTOR PLATE



PERFORATED SLOTTED STRIP
 55 - $5\frac{1}{2}$; 14 cm
 55a - 2; 5 cm



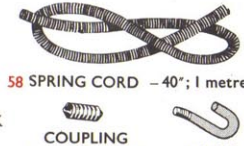
57b
HOOK



57c
HOOK



57d
WIRE HOOK



58 **SPRING CORD** - 40"; 1 metre



58a
COUPLING SCREW FOR 58



58b
HOOK FOR 58



59
COLLAR WITH SCREW



51
WINDMILL SAIL



62
62a CRANK
62a **THREADED CRANK**



62b **CRANK**
DOUBLE ARM



63
COUPLING



63b **STRIP COUPLING**



63c
THREADED COUPLING



63d **SHORT COUPLING**



64
THREADED BOSS



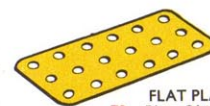
65
CENTRE FORK



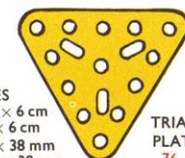
69 - $\frac{3}{8}$ "; 4 mm
SET SCREW



69a - $\frac{3}{8}$ "; 4 mm
69b - $\frac{3}{8}$ "; 5 mm
69c - $\frac{3}{8}$ "; 3 mm
GRUB SCREWS



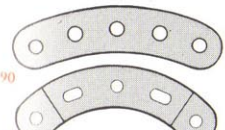
70 - $5\frac{1}{2} \times 2\frac{1}{2}$; 14 x 6 cm
72 - $2\frac{1}{2} \times 2\frac{1}{2}$; 6 x 6 cm
73 - $3 \times 1\frac{1}{2}$; 75 x 38 mm
74 - $1\frac{1}{2} \times 1\frac{1}{2}$; 38 x 38 mm
76
FLAT PLATES



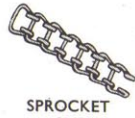
76
TRIANGULAR PLATES
76 - $2\frac{1}{2}$; 4 cm
77 - 1"; 25 mm



78 - $1\frac{1}{2}$; 29 cm
79 - 8"; 20 cm
79a - 6"; 15 cm
80 - 5"; 12 x 5 cm
80a - $3\frac{1}{2}$; 9 cm
80b - $4\frac{1}{2}$; 11 x 5 cm
80c - 3"; 7 x 5 cm
81 - 2"; 5 cm
82 - 1"; 25 mm
SCREWED RODS



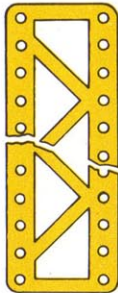
89 - $5\frac{1}{2}$; 14 cm
90 - $2\frac{1}{2}$; 6 cm
89a - 3"; 7 x 5 cm
89b - 4"; 10 cm
90a - $2\frac{1}{2}$; 6 cm
89 **CURVED STRIP**
89a **CURVED STRIP**
89b **STEPPED STRIP**



94 - 40"; 1 metre
SPROCKET CHAIN



95 - 2"; 5 cm
95a - $1\frac{1}{2}$; 38 mm
95b - 3"; 75 mm
96 - 1"; 25 mm
96a - $\frac{3}{4}$ "; 19 mm
95 **SPROCKET WHEELS**

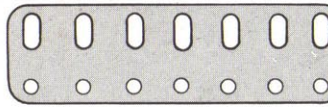


101
HEAD FOR LOOM

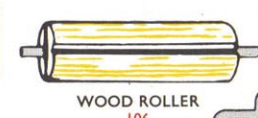


102
SINGLE BENT STRIP

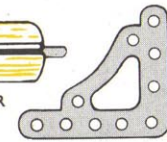
97 - $3\frac{1}{2}$; 9 cm
99 - $1\frac{1}{2}$; 32 cm
99a - 9"; 24 cm
99b - 7"; 19 cm
100 - $5\frac{1}{2}$; 14 cm
97 **BRACED GIRDERS**



103 - $5\frac{1}{2}$; 14 cm
103a - $9\frac{1}{2}$; 24 cm
103b - $12\frac{1}{2}$; 32 cm
103c - $4\frac{1}{2}$; 11 x 5 cm
103d - $3\frac{1}{2}$; 9 cm
103e - 3"; 7 x 5 cm
103f - $2\frac{1}{2}$; 6 cm
103g - 2"; 5 cm
103h - $1\frac{1}{2}$; 38 mm
103k - $7\frac{1}{2}$; 19 cm
103 **FLAT GIRDERS**



106
WOOD ROLLER



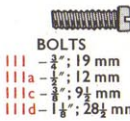
108
CORNER GUSSET



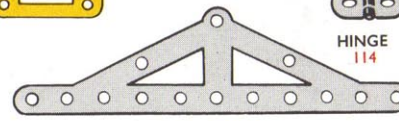
109 - $2\frac{1}{2}$; 6 cm
FACE PLATE



110 - $3\frac{1}{2}$; 9 cm
110a - $6\frac{1}{2}$; 16 x 5 cm
RACK STRIPS



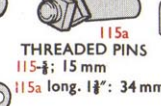
111 - $\frac{3}{8}$ "; 19 mm
111a - $\frac{1}{2}$ "; 12 mm
111c - $\frac{3}{8}$ "; 9 x 5 mm
111d - $1\frac{1}{8}$ "; 28 x 5 mm
BOLTS



113
GIRDER FRAME



114
HINGE



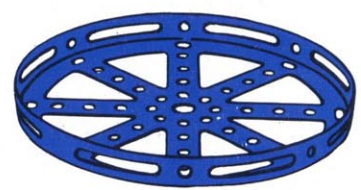
115 - $\frac{3}{8}$; 15 mm
115a long. $1\frac{1}{2}$ "; 34 mm
115 **THREADED PINS**



116a
FORK PIECE LARGE



116b
FORK PIECE SMALL



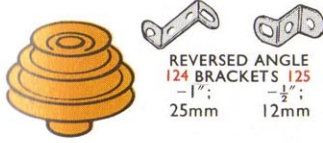
118 - $5\frac{1}{2}$; 14 cm
HUB DISC



120b - $\frac{3}{8}$ "; 14 mm
COMPRESSION SPRING



122
LOADED SACK



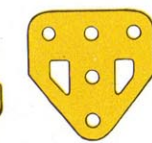
124
REVERSED ANGLE BRACKETS
125 - 1"; 25 mm
125 - $\frac{1}{2}$ "; 12 mm



123 - $1\frac{1}{2} \times 1 \times \frac{3}{8}$; 32 x 25 x 19 mm
CONE PULLEY



126
TRUNNION



126a
FLAT TRUNNION



128
BELL CRANK



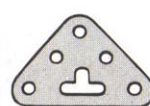
130 - $\frac{1}{2} \times \frac{3}{8} \times \frac{1}{2}$; 6 x 9 x 12 mm
ECCENTRIC TRIPLE THROW



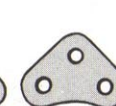
130a - $\frac{1}{2}$ "; 6 mm
ECCENTRIC SINGLE THROW



131
CAM



133 - $1\frac{1}{2}$; 38 mm
133a - 1"; 25 mm
CORNER BRACKETS



134 - 1"; 25 mm
CRANK SHAFT



136
HANDRAIL SUPPORT



136a
HANDRAIL COUPLING



137
WHEEL FLANGE



138
SHIP'S FUNNEL



139 (right)
139a (left)
FLANGED BRACKET



140
UNIVERSAL COUPLING



142a - 2"; 5 cm
142b - 3"; 7 x 5 cm
142c - 1"; 25 mm
142d - $1\frac{1}{2}$ "; 38 mm
MOTOR TYRES



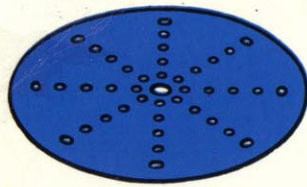
143 - $5\frac{1}{2}$; 14 cm
CIRCULAR GIRDER



144
DOG CLUTCH



145 - $7\frac{1}{2}$; 19 cm
CIRCULAR STRIP



CIRCULAR PLATES
146a - 4"; 10 cm
146 - 6"; 15 cm



PAWL WITH PIVOT BOLT & NUTS
147



PAWL
147a



PIVOT BOLT
147b



147c PAWL WITHOUT BOSS



RATCHET WHEEL
148



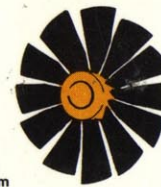
PULLEY BLOCKS
153 TRIPLE
151 SINGLE



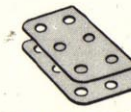
CORNER ANGLE BRACKET
154a - 1"; 12 mm (right)
154b - 1"; 12 mm (left)



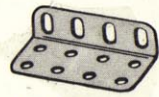
RUBBER RING
155 - 1"; 25 mm



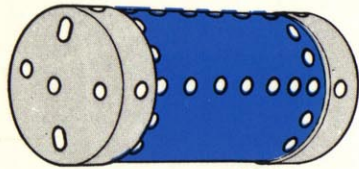
FAN
157 - 2"; 5 cm



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



GIRDER BRACKET
161 - 2" x 1" x 1/2";
50 x 25 x 12 mm



BOILER
162 **BOILER COMPLETE** - 5" x 2 1/2"; 12 1/2 x 5 cm
162a **BOILER END** - 2 1/2" x 3/4"; 50 x 19 mm



SLEEVE PIECE
163 - 1 1/4" x 1/4";
38 x 17 mm



CHIMNEY ADAPTOR
164 - 3/8" x 1/2";
16 x 12 mm



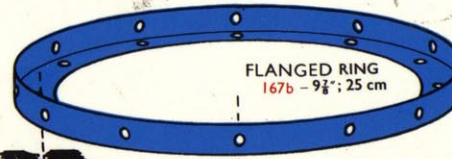
SWIVEL BEARING
165



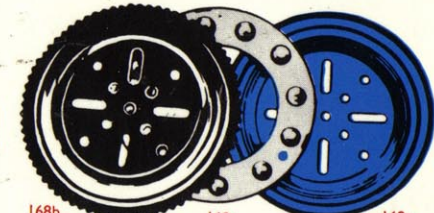
END BEARING
166



LARGE TOOTHED QUADRANT PINION
167c



FLANGED RING
167b - 9 1/2"; 25 cm



168b 168c 168a
168 BALL THRUST BEARING COMPLETE 4"; 10 cm
168a AND 168b **BALL THRUST RACES**
168c **BALL CAGE**



168d **BALL**
3/8"; 9 1/2 mm



173a **ADAPTOR FOR SCREWED ROD**



171 **SOCKET COUPLING**



176 **ANCHORING SPRING**



175 **FLEXIBLE COUPLING UNIT**



179 **ROD SOCKET**



GEAR RING
180 - 3 1/2"; 9 cm



STEERING WHEELS
185 - 1 1/2"; 4 1/2 cm
185a - 2 1/2"; 60 mm



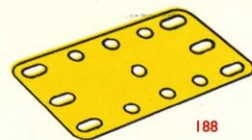
DRIVING BANDS
light heavy
186 - 2 1/2"; 6 cm 186c - 10"; 25 cm
186a - 6"; 15 cm 186d - 15"; 37 1/2 cm
186b - 10"; 25 cm 186e - 20"; 50 cm



ROAD WHEELS
187 - 2 1/2"; 60 mm
187b - 4 1/2"; 108 mm



CONICAL DISC
187a - 1 1/2"; 47 mm

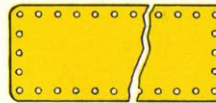


FLEXIBLE PLATES
188 - 2 1/2" x 1 1/2"; 60 x 38 mm
189 - 5 1/2" x 1 1/2"; 140 x 38 mm
190 - 2 1/2" x 2 1/2"; 6 x 6 cm
190a - 3 1/2" x 2 1/2"; 9 x 6 cm
191 - 4 1/2" x 2 1/2"; 11 1/2 x 6 cm
192 - 5 1/2" x 2 1/2"; 14 x 6 cm

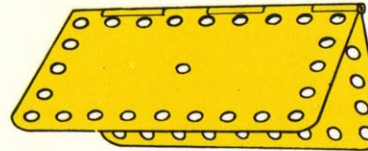
193b - 3 1/2" x 2 1/2"; 90 x 60 mm
193c - 4 1/2" x 2 1/2"; 115 x 60 mm
193d - 5 1/2" x 1 1/2"; 140 x 38 mm
193e - 5 1/2" x 2 1/2"; 140 x 60 mm

BLUE PLASTIC PLATES
194 - 2 1/2" x 1 1/2"; 60 x 38 mm
194a - 2 1/2" x 2 1/2"; 60 x 60 mm
194b - 3 1/2" x 2 1/2"; 90 x 60 mm
194c - 4 1/2" x 2 1/2"; 115 x 60 mm
194d - 5 1/2" x 1 1/2"; 140 x 38 mm
194e - 5 1/2" x 2 1/2"; 140 x 60 mm

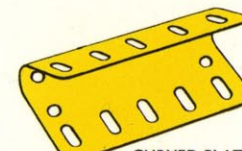
TRANSPARENT PLATES
193 - 2 1/2" x 1 1/2"; 60 x 38 mm
193a - 2 1/2" x 2 1/2"; 60 x 60 mm



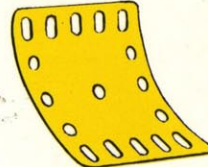
STRIP PLATES
195 - 7 1/2" x 2 1/2"; 19 x 6 cm
196 - 9 1/2" x 2 1/2"; 24 x 6 cm
197 - 12 1/2" x 2 1/2"; 32 x 6 cm



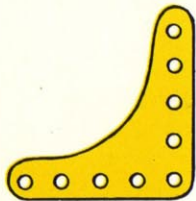
HINGED FLAT PLATE
198 - 4 1/2" x 2 1/2"; 11 1/2 x 6 cm



CURVED PLATE U SECTION
199 - 2 1/2" x 2 1/2" x 3/8";
60 x 60 x 7 mm



CURVED PLATE
200 - 2 1/2" x 2 1/2" x 1 1/4";
60 x 60 x 43 mm



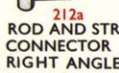
FLEXIBLE GUSSET PLATE
201 - 2 1/2" x 2 1/2";
60 x 60 mm



HELICAL GEARS
211a - 1/2"; 12 mm
211b - 1 1/2"; 38 mm
can only be used together.



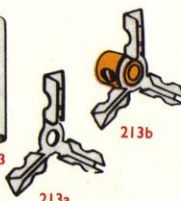
212 **ROD AND STRIP CONNECTOR**



212a **ROD AND STRIP CONNECTOR RIGHT ANGLE**



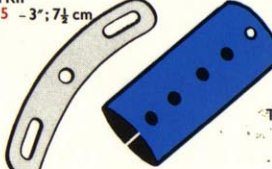
213 **ROD CONNECTORS**



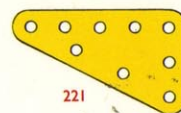
213a 213b
SEMI-CIRCULAR PLATE
214 - 2 1/2"; 6 cm



FORMED SLOTTED STRIP
215 - 3"; 7 1/2 cm



216 **CYLINDER**
216 - 2 1/2" x 1 1/2";
60 x 30 mm



221
TRIANGULAR FLEXIBLE PLATES
221 - 2 1/2" x 1 1/2"; 60 x 38 mm
222 - 2 1/2" x 2"; 60 x 50 mm
223 - 2 1/2" x 2 1/2"; 60 x 60 mm
224 - 3 1/2" x 1 1/2"; 90 x 38 mm
225 - 3 1/2" x 2"; 90 x 50 mm
226 - 3 1/2" x 2 1/2"; 90 x 60 mm



231 **KEY BOLT**



230 **ROD WITH KEYWAY**
230 - 4"; 10 cm



NARROW STRIPS
235a - 2 1/2" x 1 1/2"; 60 mm x 9 mm
235b - 3" x 1 1/2"; 75 mm x 9 mm
235c - 3 1/2" x 1 1/2"; 90 mm x 9 mm
235d - 4 1/2" x 1 1/2"; 115 mm x 9 mm
235f - 5 1/2" x 1 1/2"; 140 mm x 9 mm