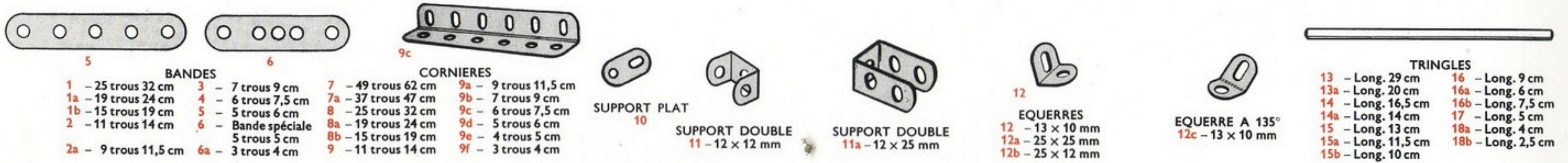


MECCANO®

MANUEL D'INSTRUCTIONS

9

PIÈCES DÉTACHÉES MECCANO



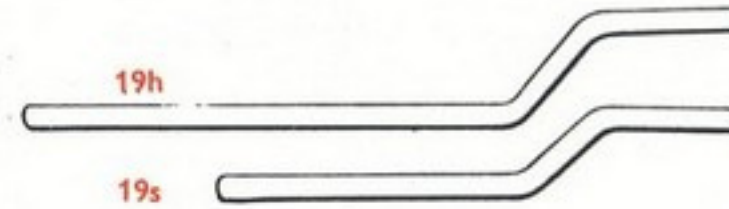
ROUE A MOYEU
19a - Diam. 75 mm



POULIES
19b - A moyeu, diam. 75 mm
20a - A moyeu, diam. 5 cm



POULIE
19c - A moyeu, diam. 15 cm



MANIVELLES
19h - 125 mm
19s - (petite) 9 cm



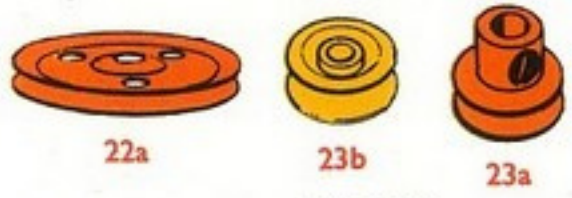
ROUES A BOUDIN
20 - Diam. 28 mm
20b - Diam. 19 mm



POULIE
21 - A moyeu, diam. 38 mm



POULIE
22 - A moyeu, diam. 25 mm



POULIES
22a - Sans moyeu, 25 mm
23a - A moyeu, 12 mm
23b - Sans moyeu, 12 mm



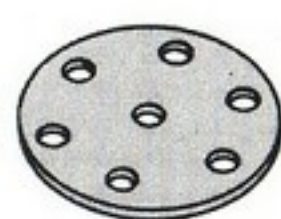
ROUE BARILLET
24 - 8 trous diam. 34 mm



DISQUE
24a - 8 trous diam. 35 mm



ROUE BARILLET
24b - 6 trous diam. 34 mm

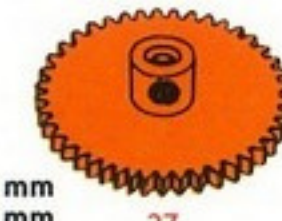


DISQUE
24c - 6 trous diam. 35 mm



CLEF
34

PIGNONS
25 - 25 dents, 19 mm, larg. 6 mm
25a - 25 dents, 19 mm, larg. 13 mm
25b - 25 dents, 19 mm, larg. 19 mm
26 - 19 dents, 13 mm, larg. 6 mm
26a - 19 dents, 13 mm, larg. 13 mm
26b - 19 dents, 13 mm, larg. 19 mm
26c - 15 dents, 11 mm, larg. 6 mm



ROUES DENTEES
27 - 50 dents, s'eng. av. pign. 25 dents
27a - 57 dents, s'eng. av. pign. 19 dents
27b - 133 dents, 9 cm, s'eng. av. pign. 19 dents
27c - 95 dents, diam. 63,5 mm
27d - 60 dents, s'eng. av. pign. 15 dents



ROUE DE 14 DENTS
27f



ROUE DE CHAMP
28 - 50 dents 38 mm
29 - 25 dents 19 mm



PIGNON D'ANGLE
30 - 26 dents 22 mm



PIGNONS D'ANGLE
30a - 16 dents 13 mm
30c - 48 dents 39 mm
Les 30a et 30c ne peuvent être utilisés qu'ensemble.



ROUE
31 - Roue de 38 dents diam. 25 mm



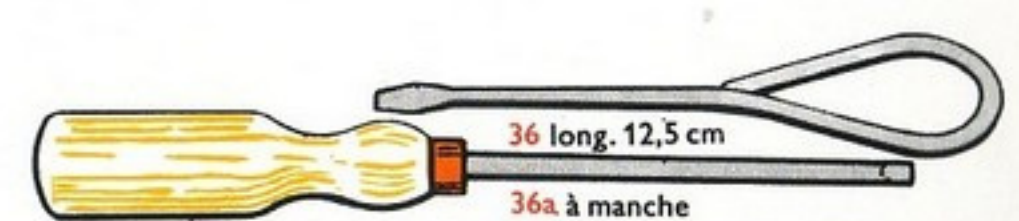
VIS SANS FIN
32 - Vis sans fin diam. 12 mm



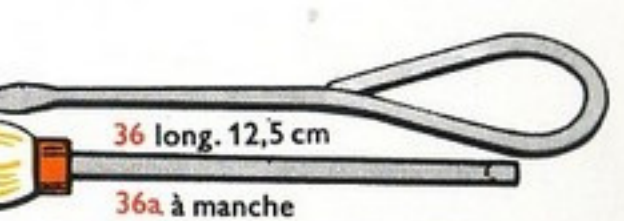
CLEF PORTE-ECROU
34b



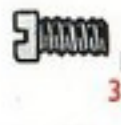
CLAVETTE
35



TOURNEVIS
36 long. 12,5 cm
36a à manche



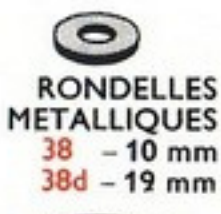
TIGE EFFILEE
36c



BOULON
37b - 5 mm



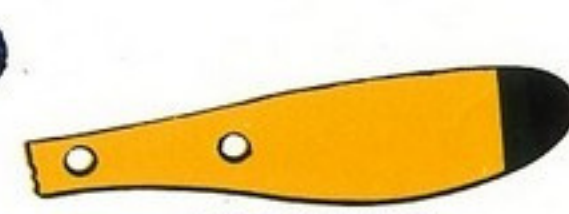
ECROU
37a



RONDELLES METALLIQUES
38 - 10 mm
38d - 19 mm



CORDE MECCANO
40



PALE D'HELICE
41



RESSORT DE TRACTION
43



CHAPE
44



CAVALIER
45

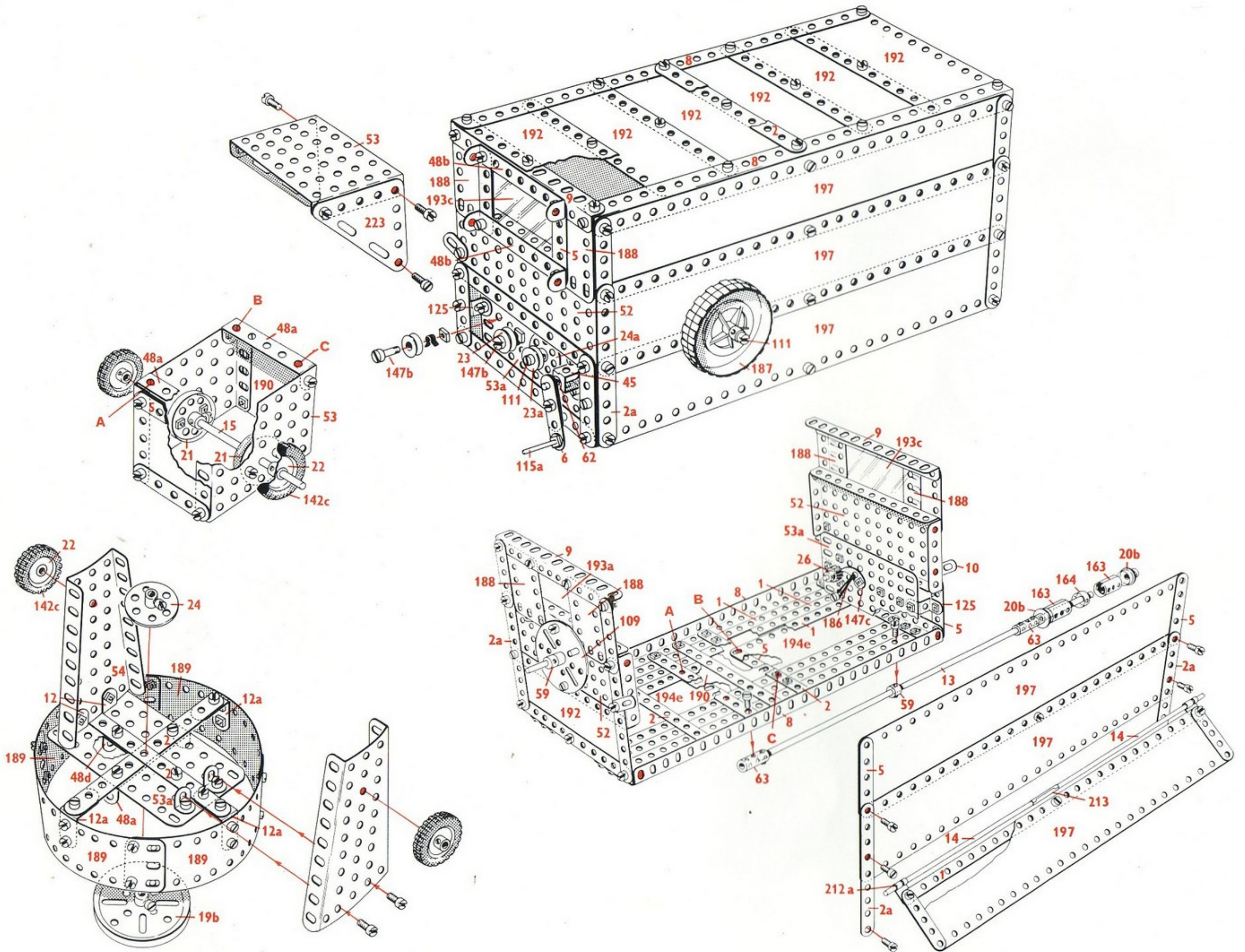


48a

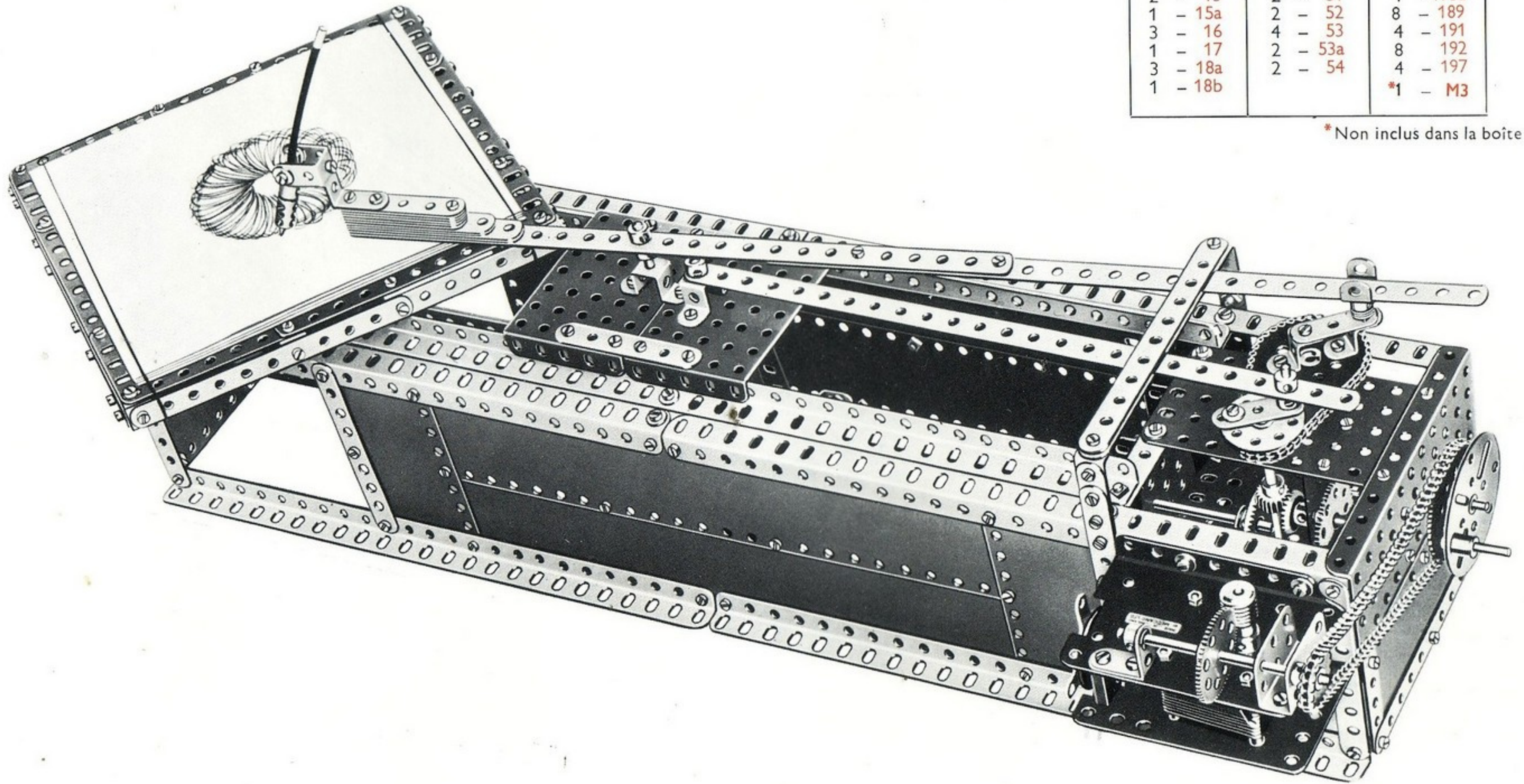
BANDES COUDEES
46 - 60 x 25 mm
47 - 60 x 38 mm
47a - 75 x 38 mm
48 - 38 x 12 mm
48a - 60 x 12 mm
48b - 90 x 12 mm
48c - 115 x 12 mm
48d - 140 x 12 mm



BAGUE D'ARRET A GLISSIERE
50



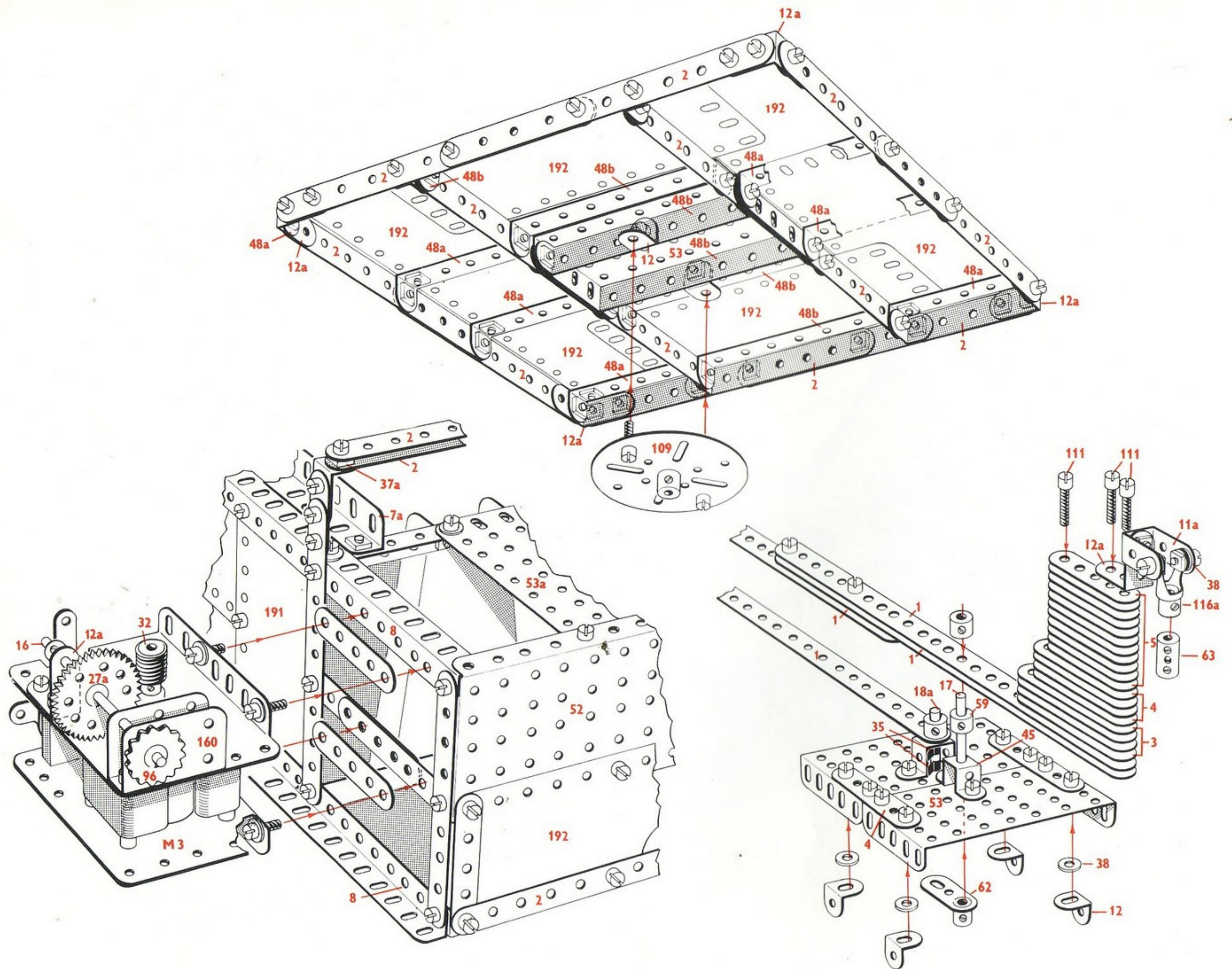
9.2 Meccanographe

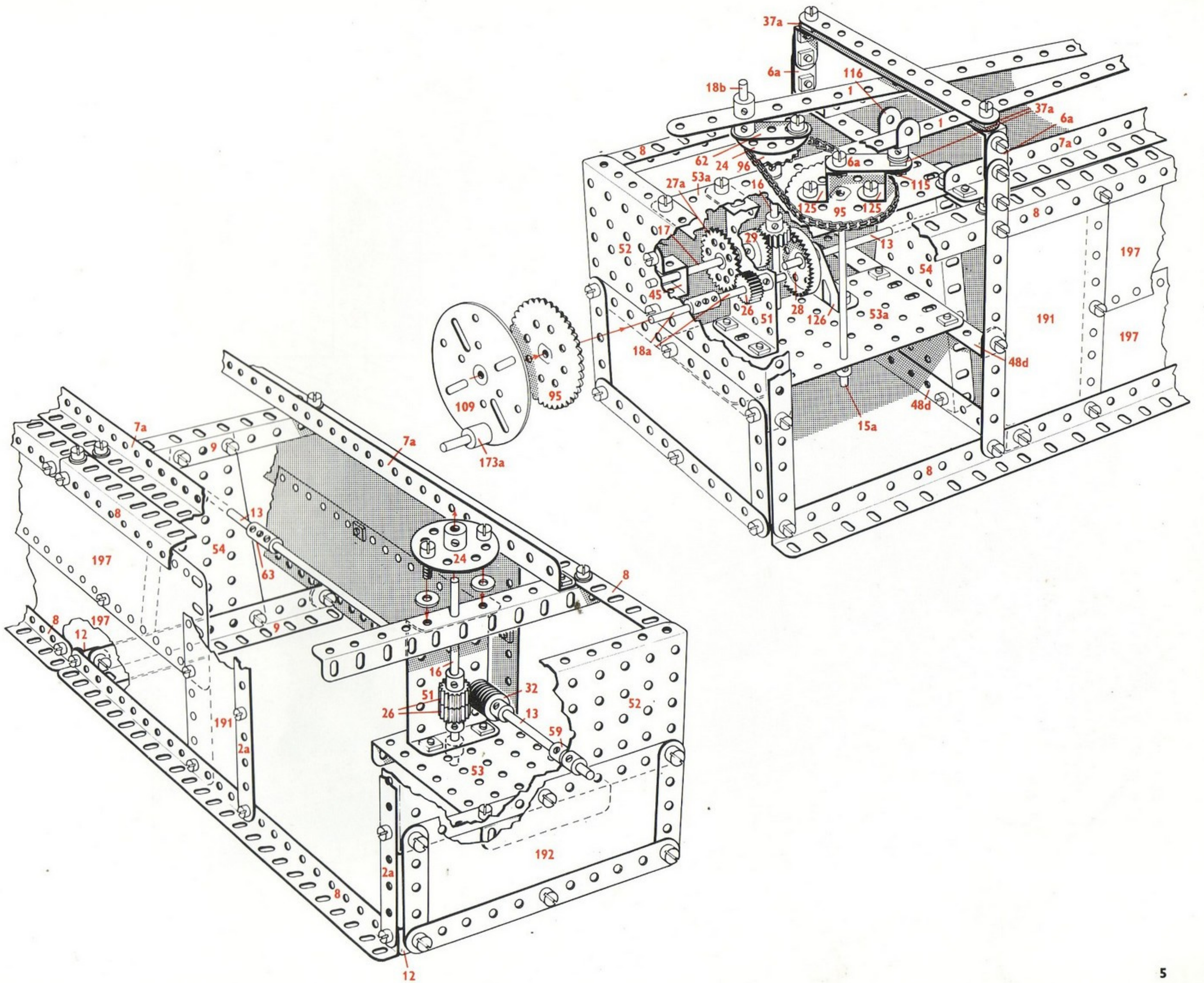


9.2

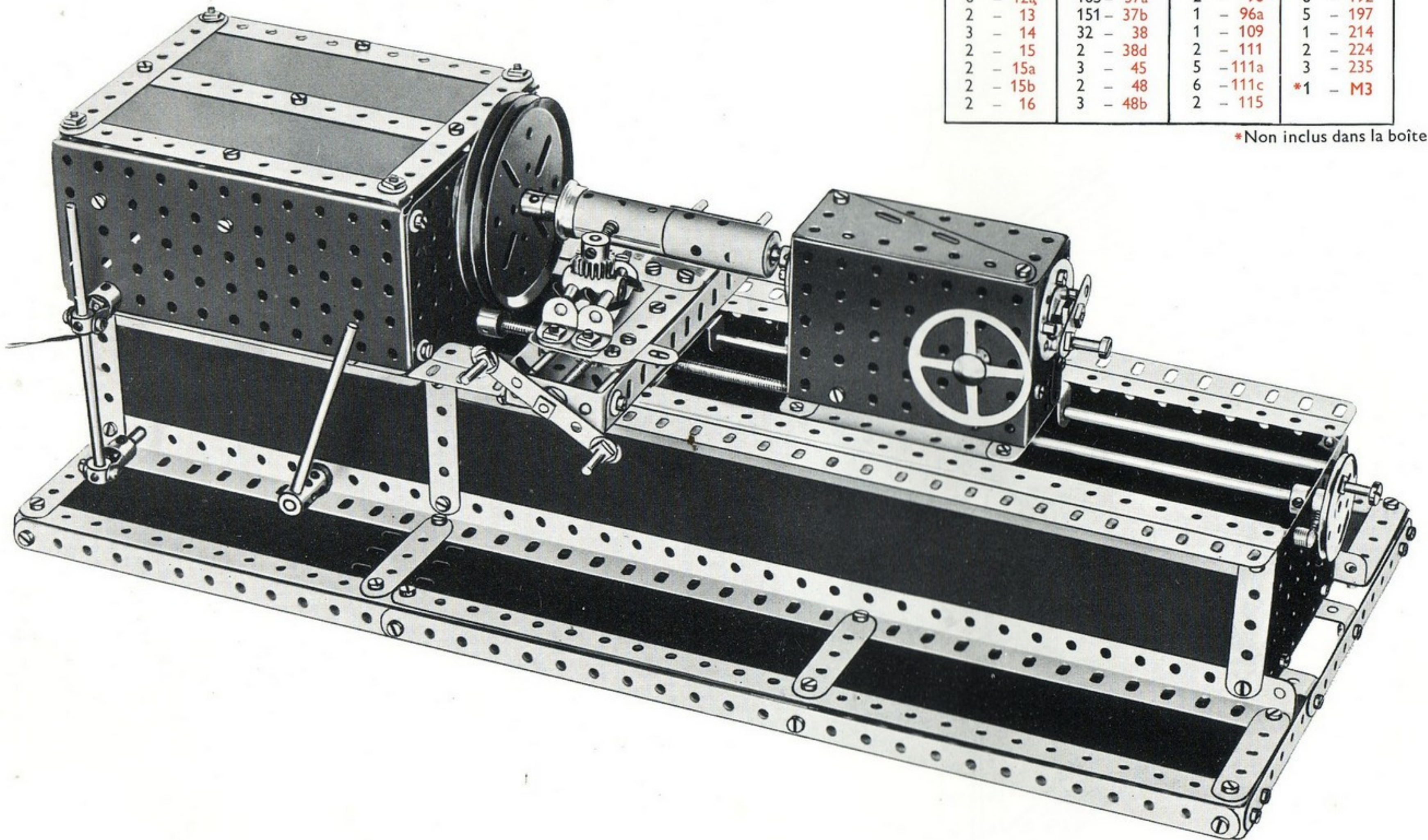
4 - 1	2 - 24	10 - 59
18 - 2	3 - 26	1 - 62
6 - 2a	2 - 27a	2 - 63
6 - 3	1 - 28	1 - 94
6 - 4	1 - 29	2 - 95
16 - 5	2 - 32	2 - 96
3 - 6a	2 - 35	2 - 109
2 - 7a	179 - 37a	3 - 111a
8 - 8	171 - 37b	3 - 111d
4 - 9	22 - 38	1 - 115
1 - 11a	3 - 45	1 - 116
14 - 12	8 - 48a	1 - 116a
6 - 12a	6 - 48b	1 - 126
2 - 12b	2 - 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

* Non inclus dans la boîte





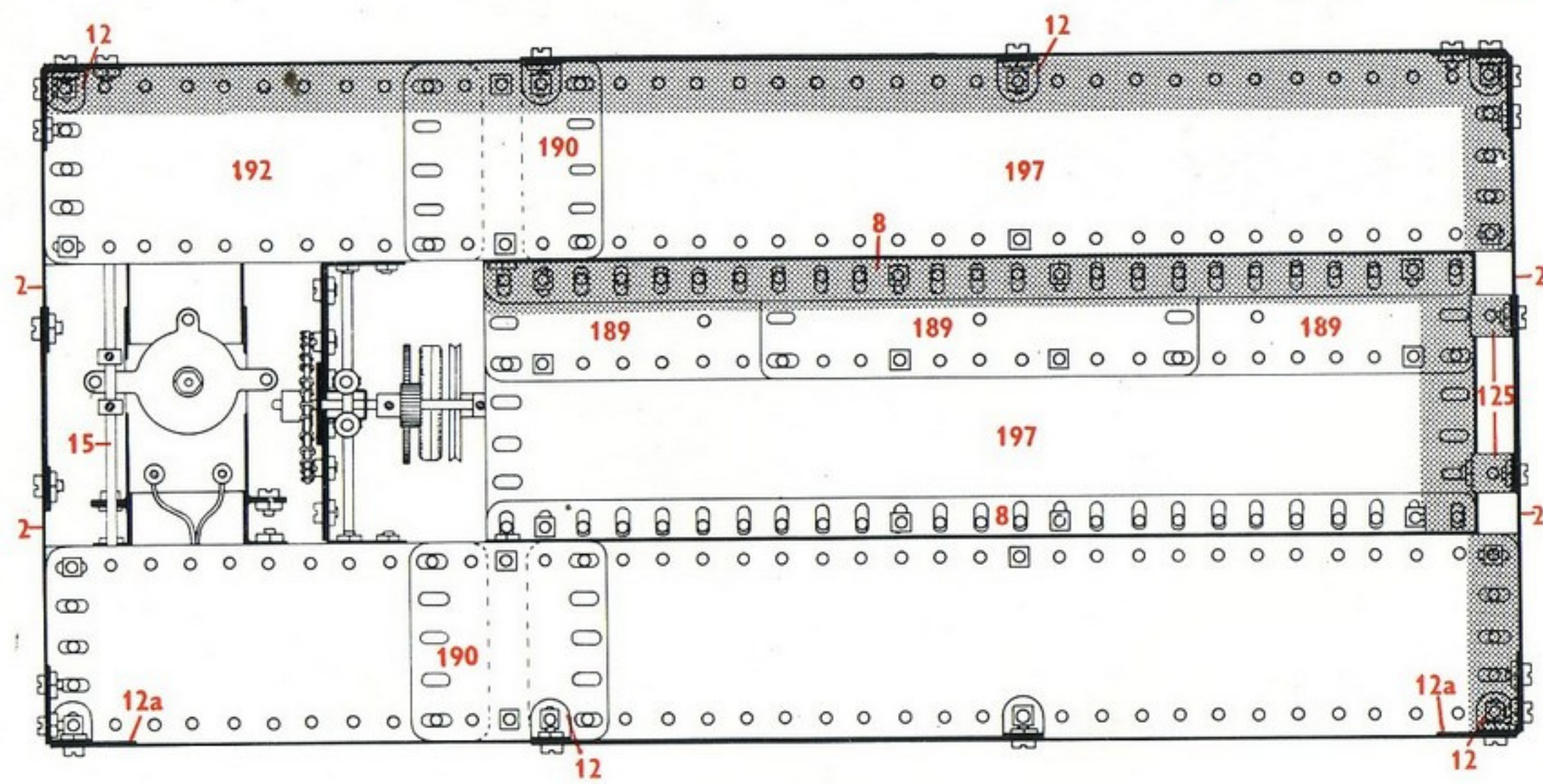
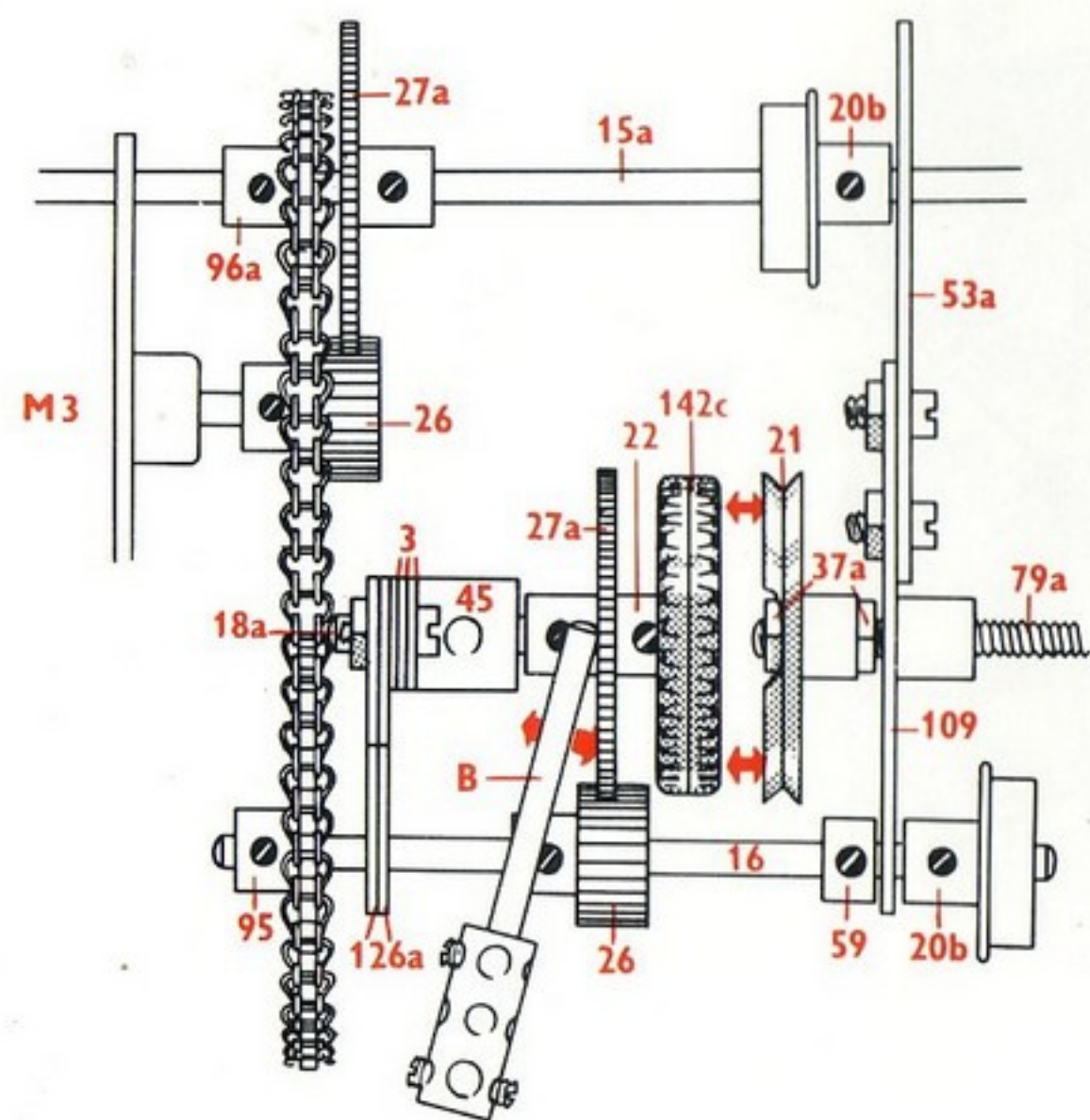
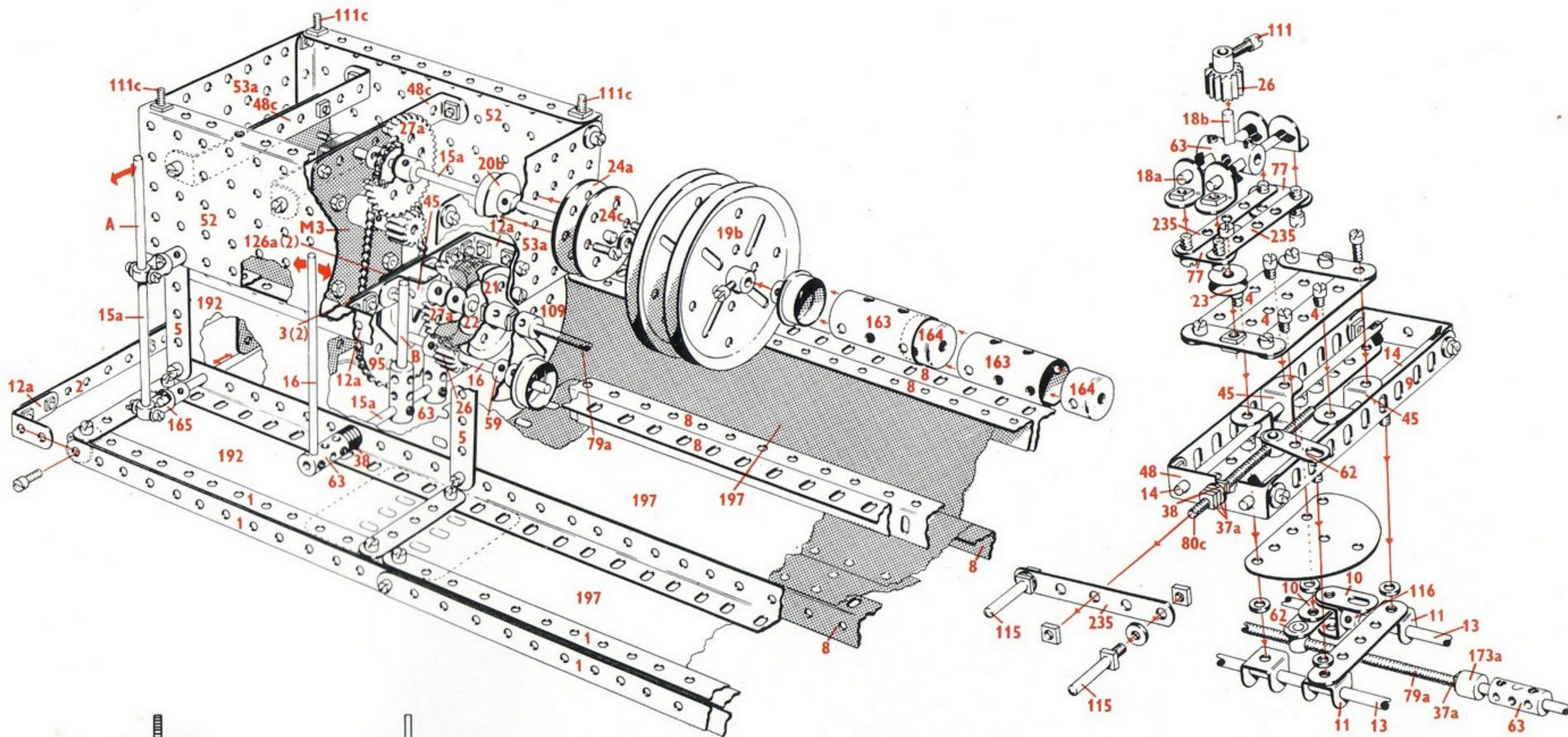
9.3 Tour

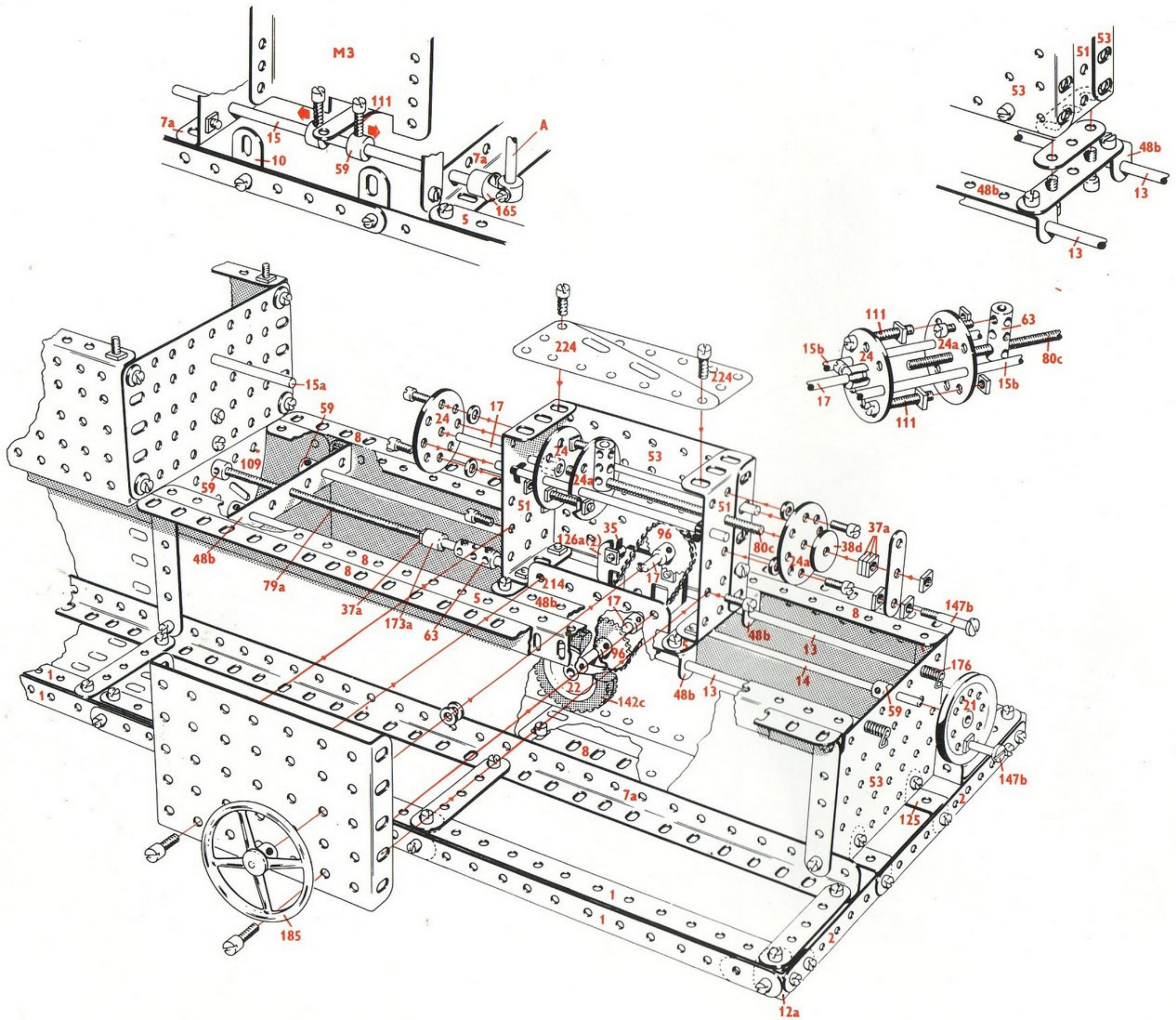


9.3

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	

*Non inclus dans la boîte



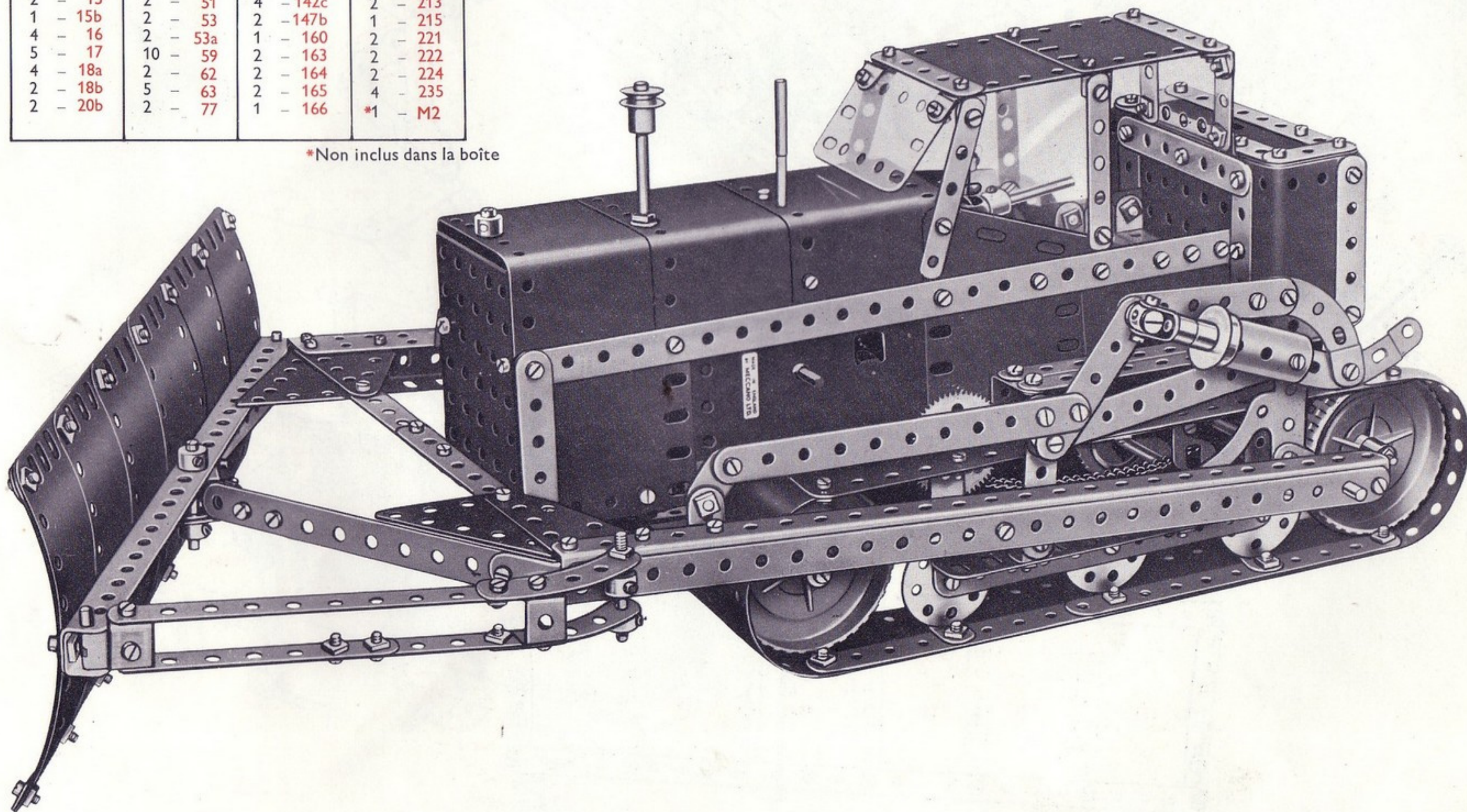


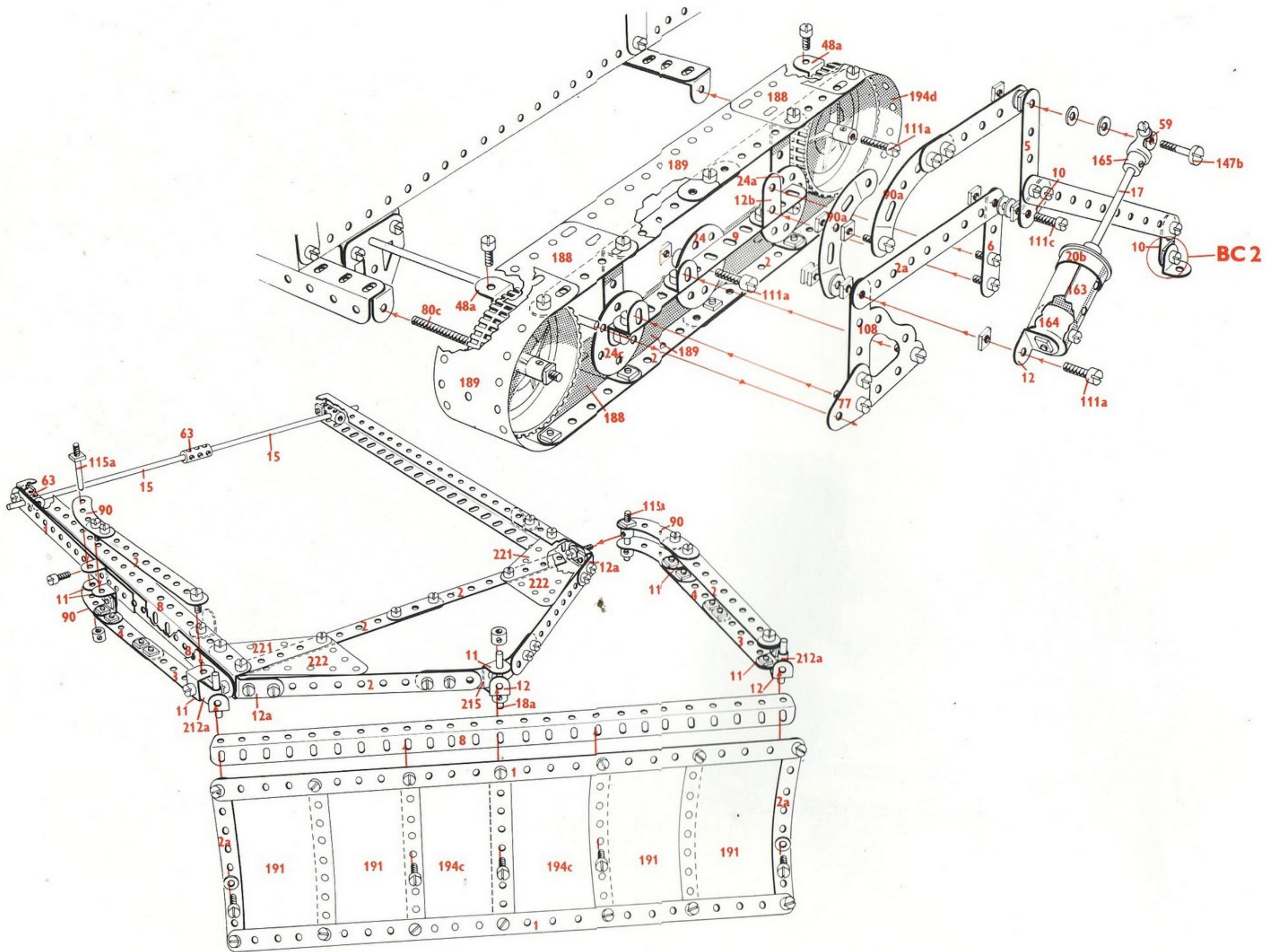
9.4 Bulldozer

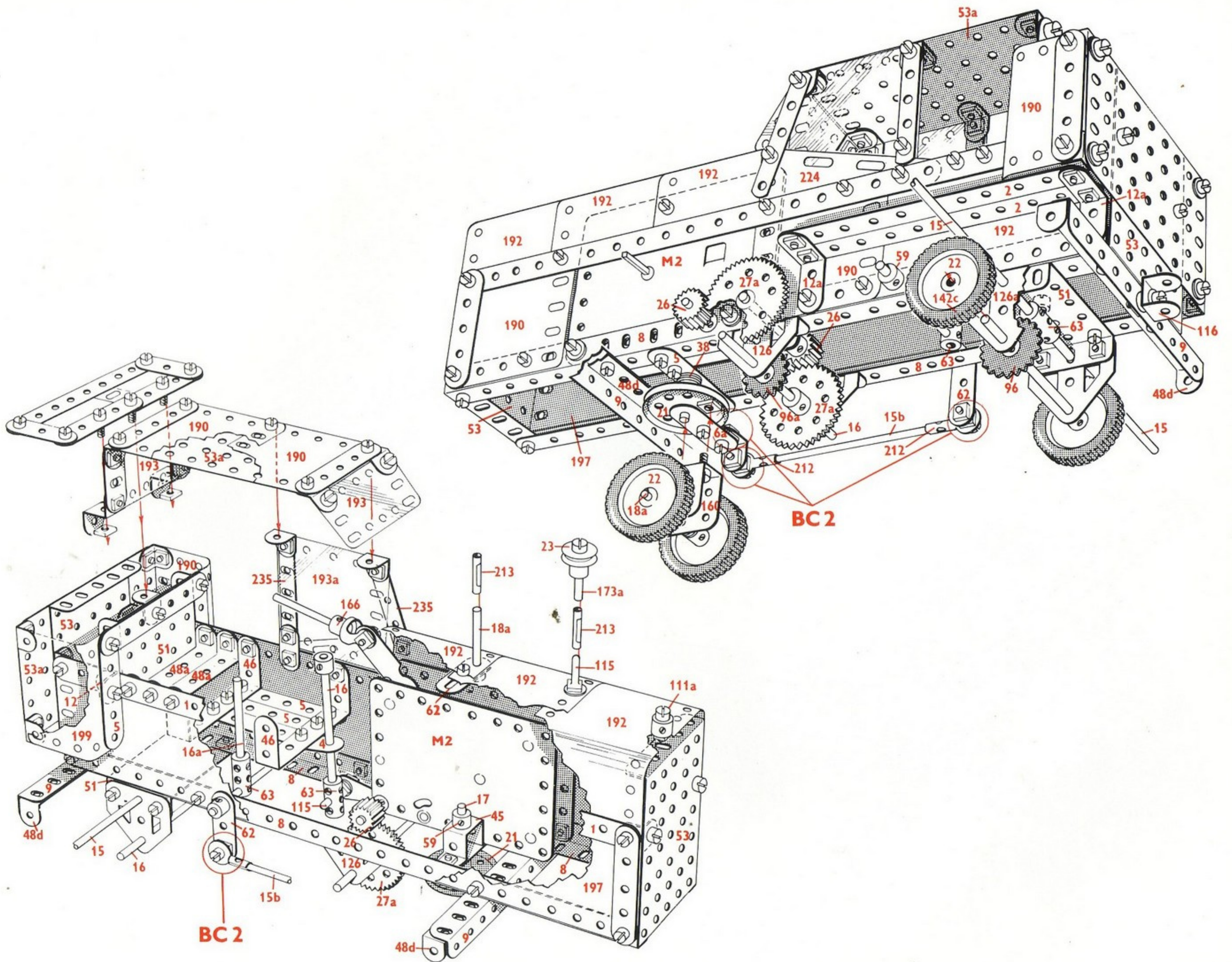
9.4

5	-	1	1	-	21	2	-	80c	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

*Non inclus dans la boîte



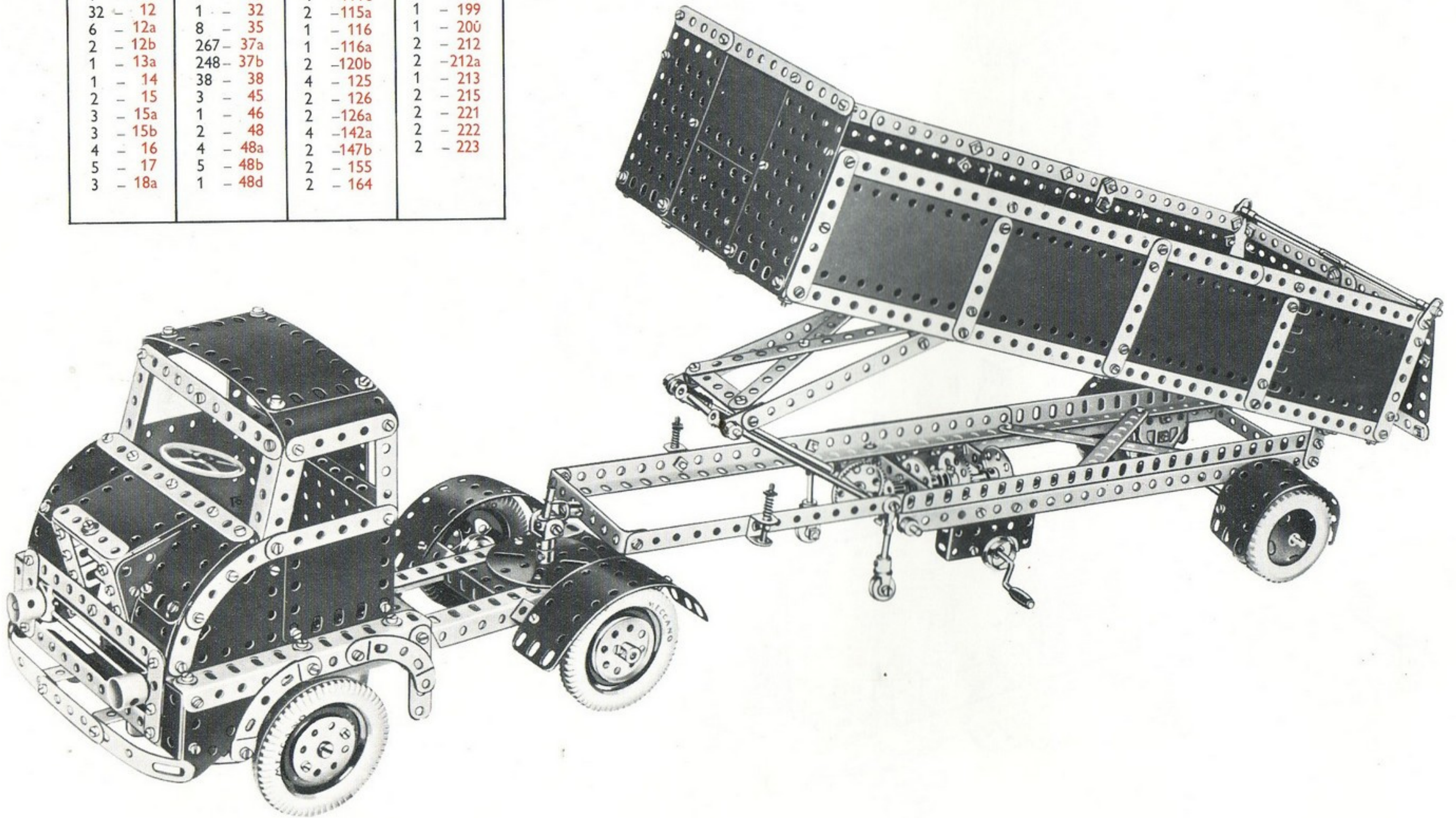


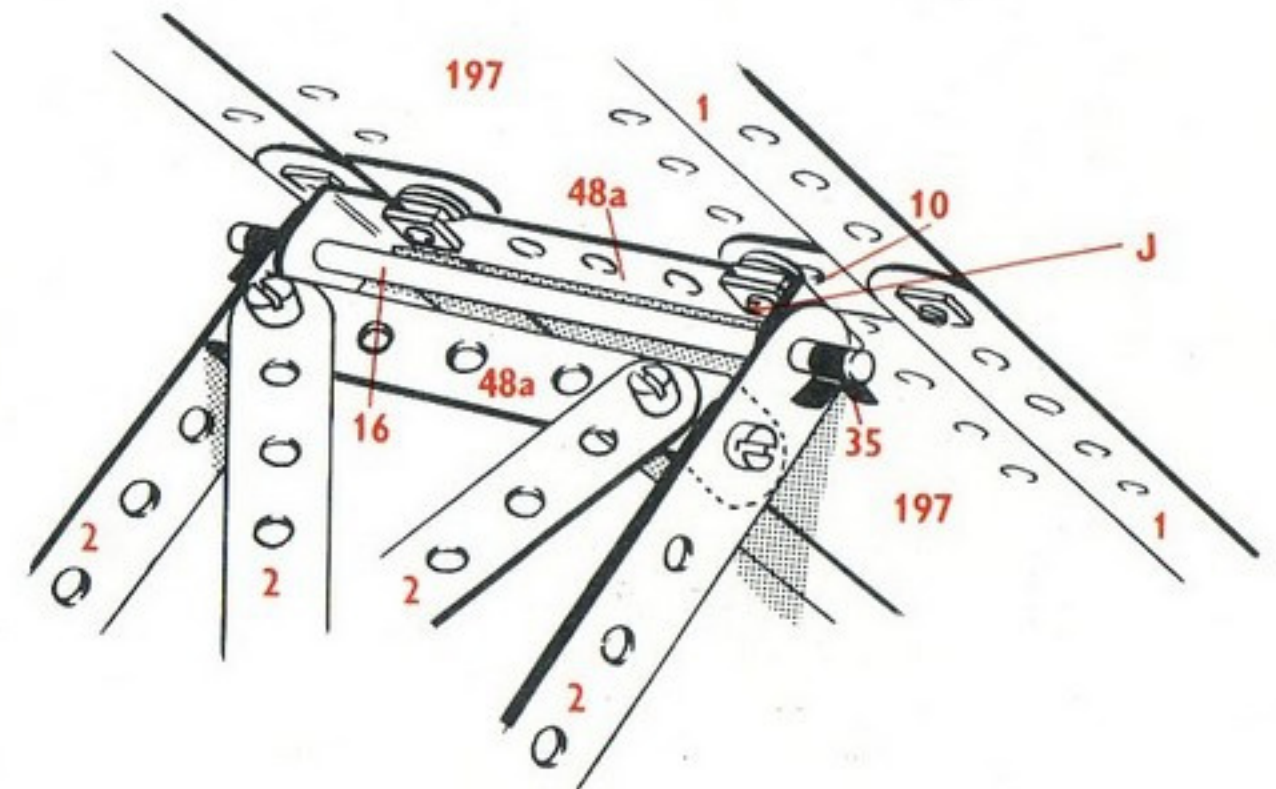
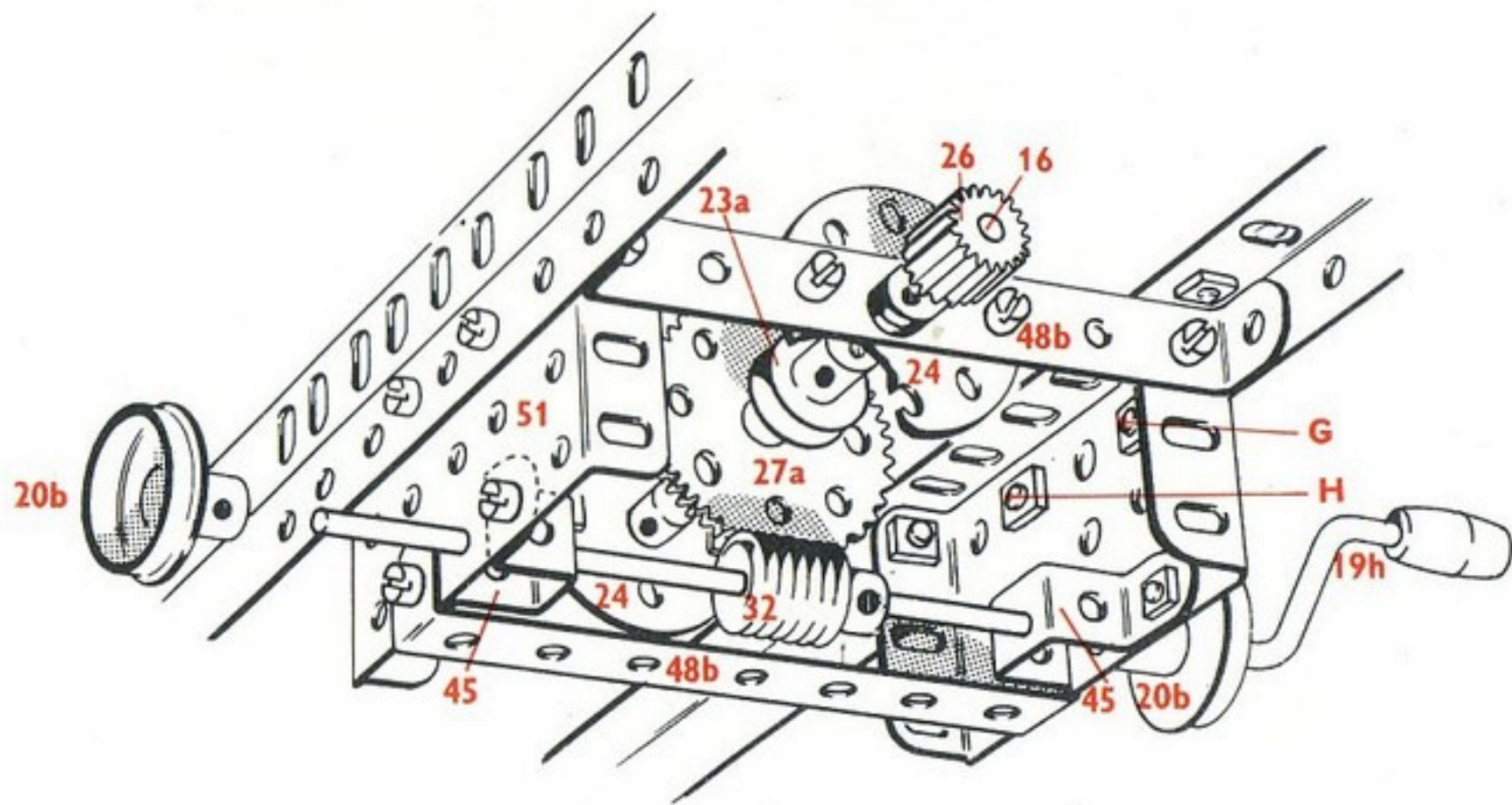
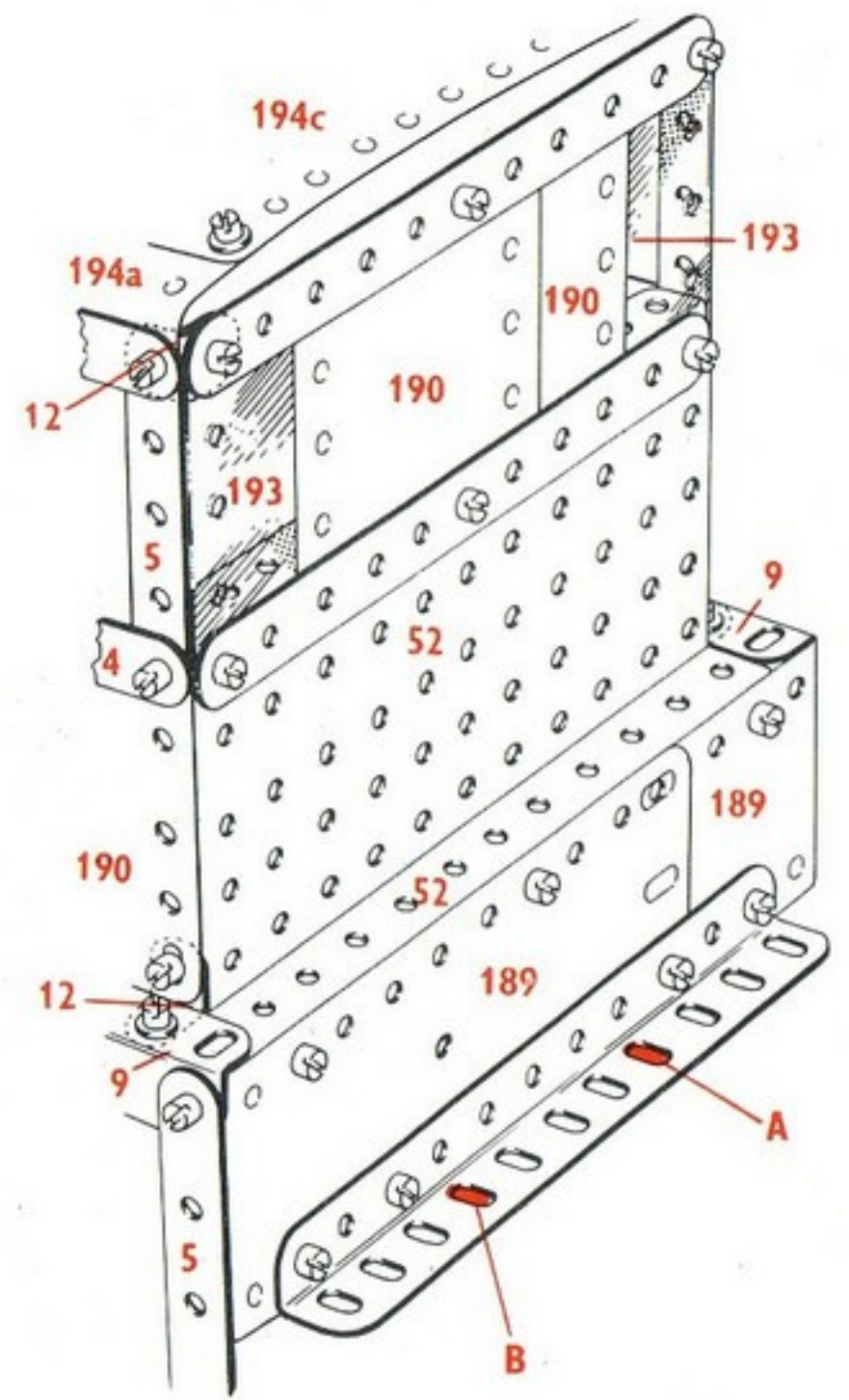
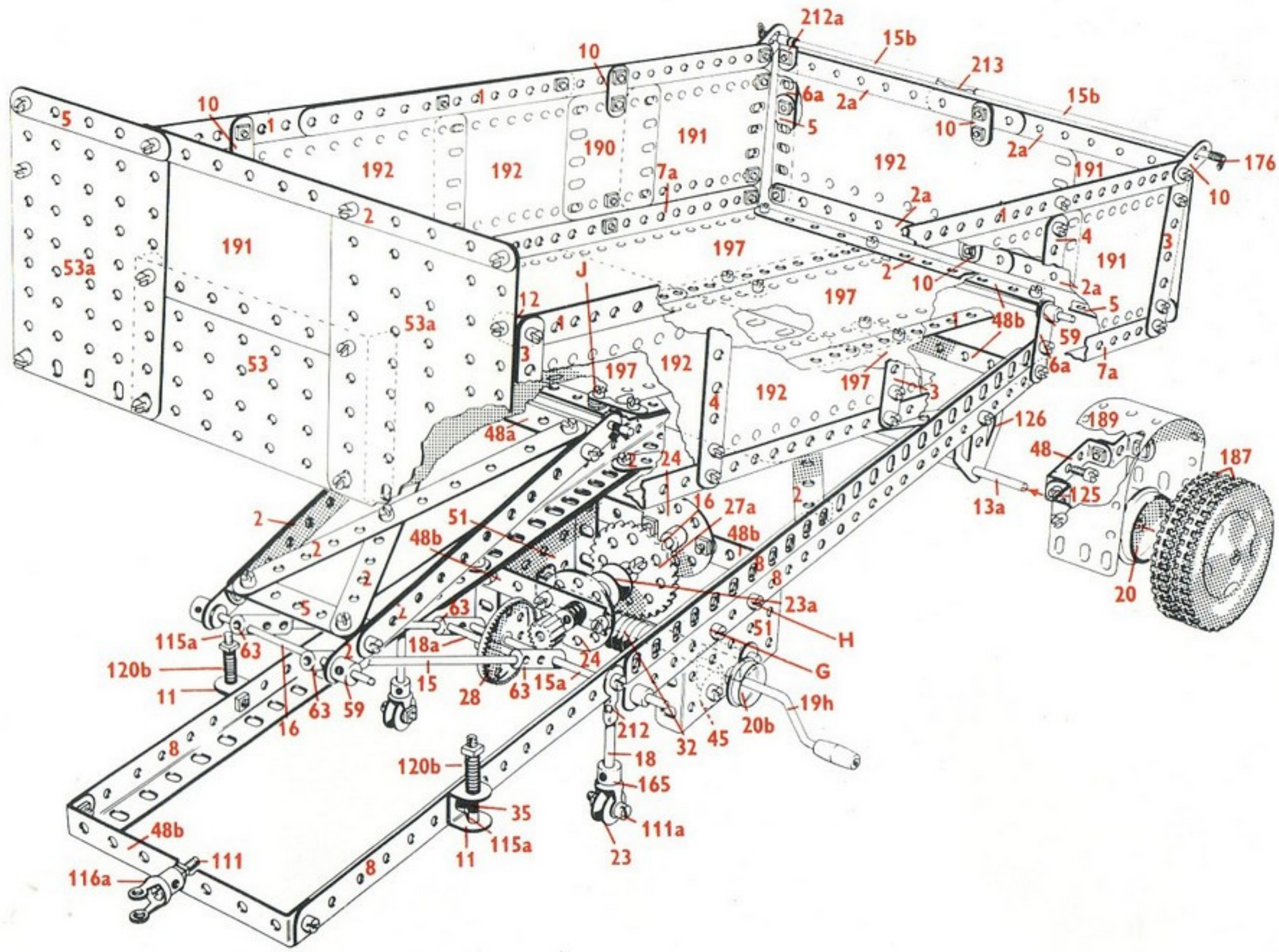


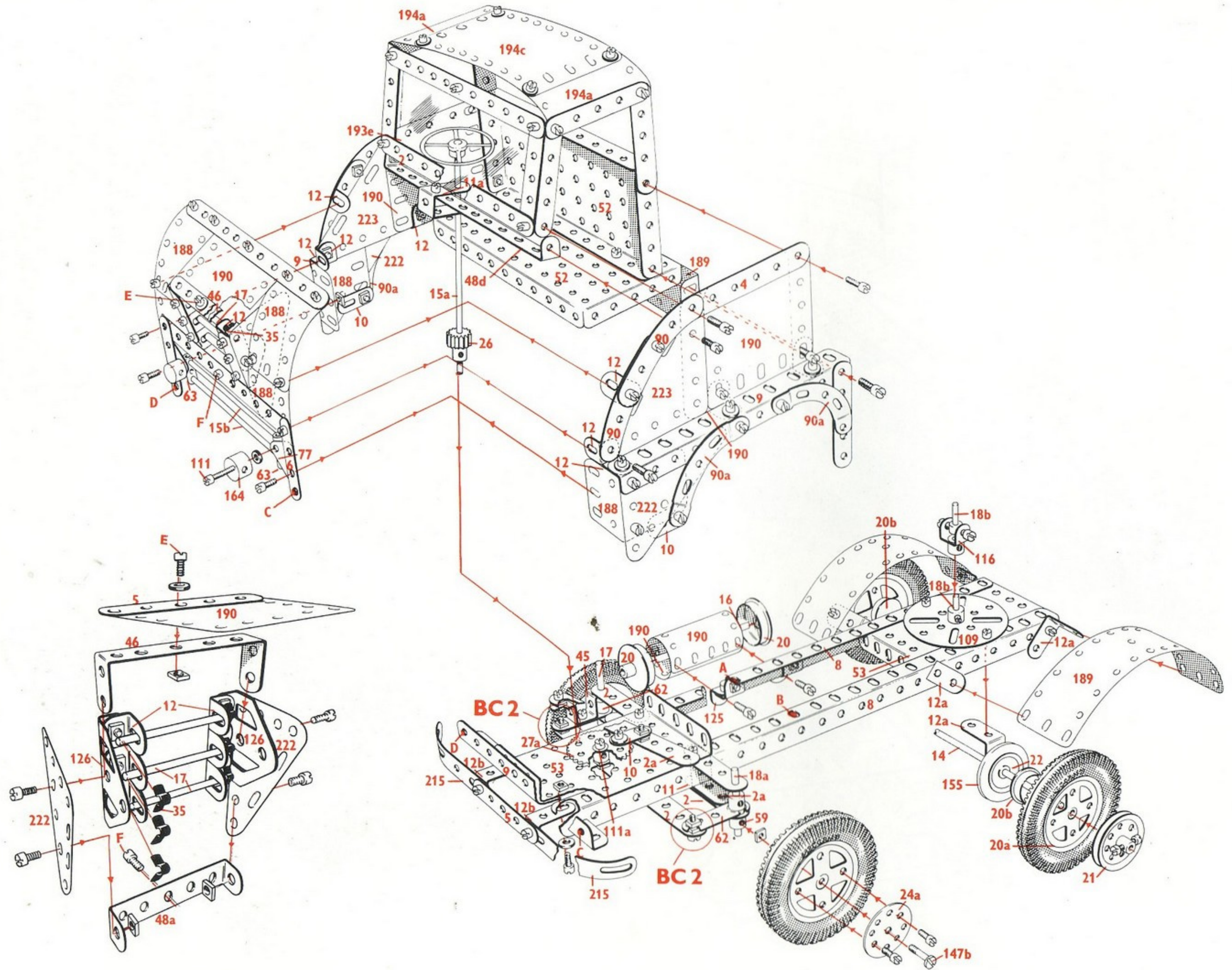
9.5 Tracteur et benne basculante

9.5

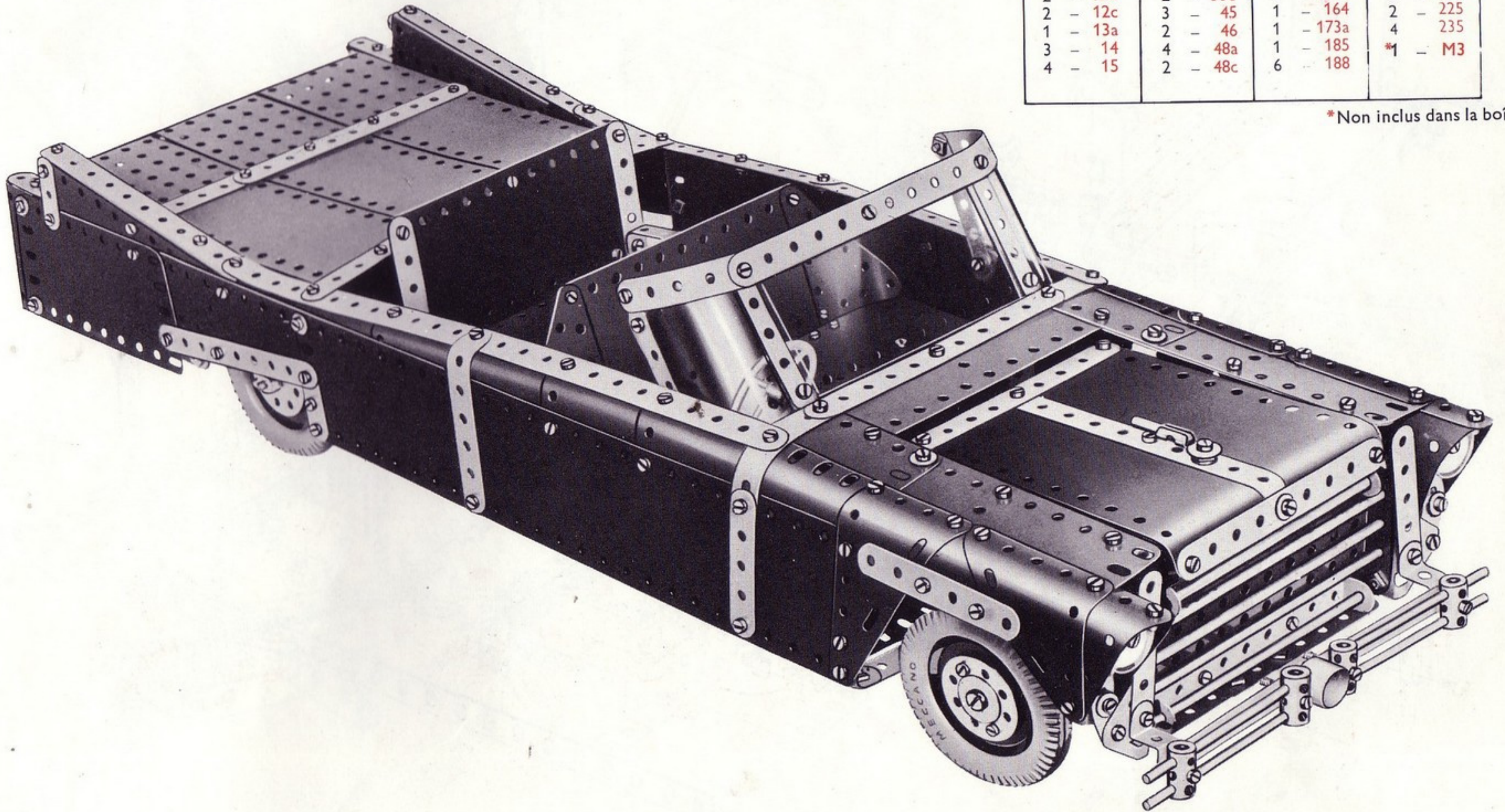
8	-	1	2	-	18b	2	-	51	2	-	165
21	-	2	1	-	19h	2	-	52	2	-	176
6	-	2a	4	-	20	3	-	53	1	-	185
6	-	3	4	-	20a	2	-	53a	4	-	187
6	-	4	4	-	20b	9	-	59	6	-	188
18	-	5	2	-	21	2	-	62	6	-	189
2	-	6	2	-	22	6	-	63	9	-	190
6	-	6a	2	-	23	2	-	77	4	-	191
2	-	7a	1	-	23a	4	-	90	7	-	192
8	-	8	2	-	24	4	-	90a	2	-	193
4	-	9	2	-	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			







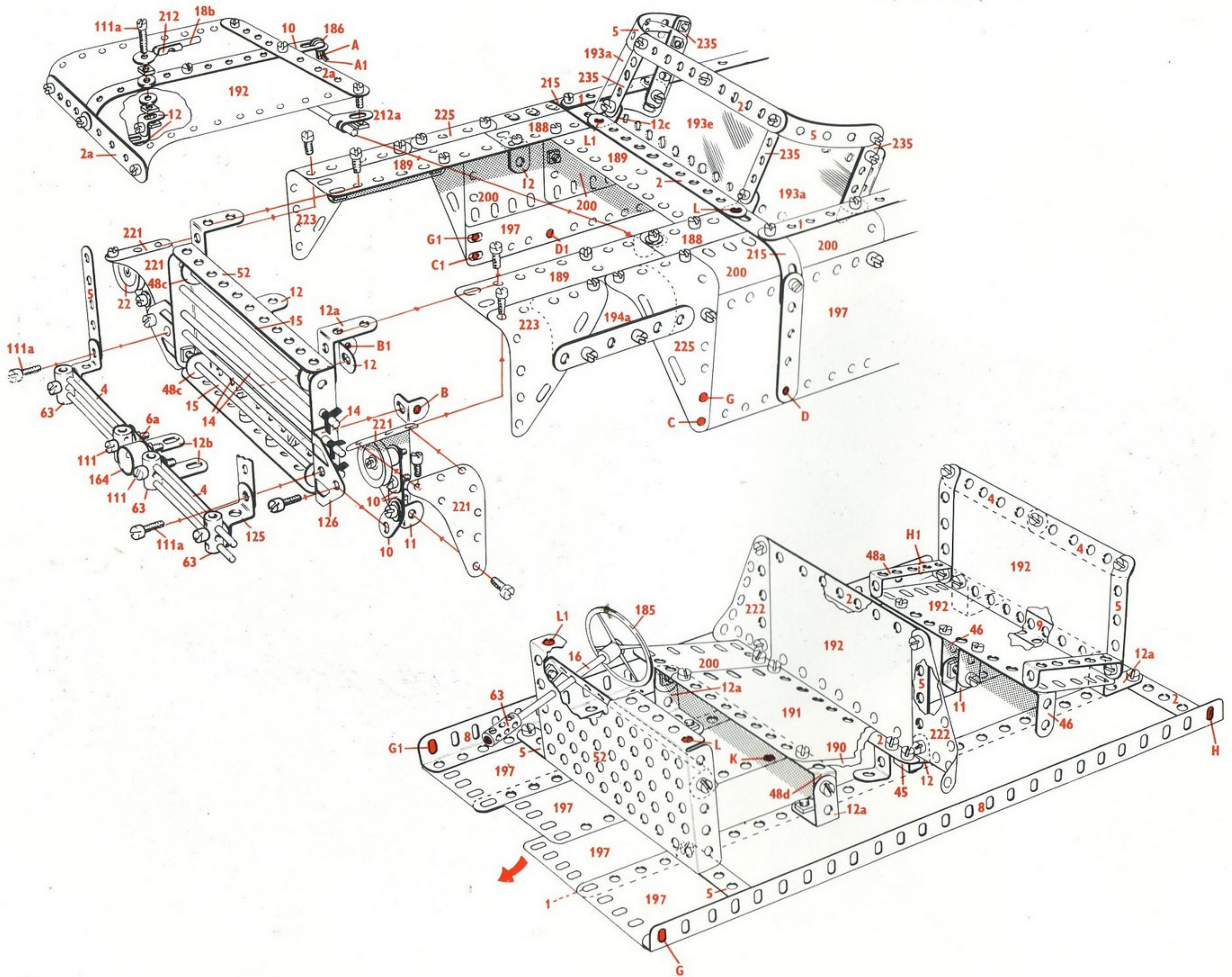
9.6 Cabriolet décapotable

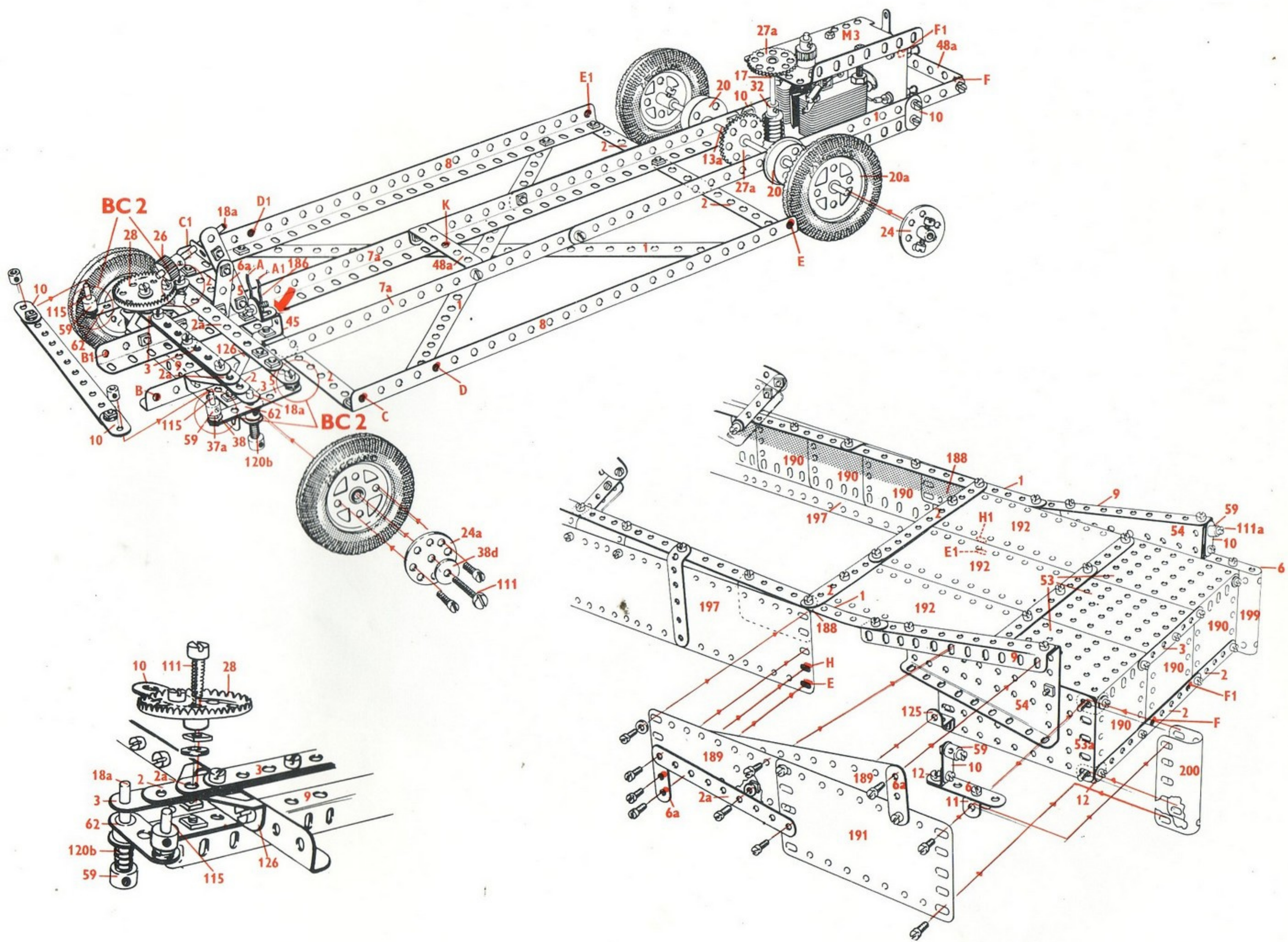


9.6

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	

*Non inclus dans la boîte

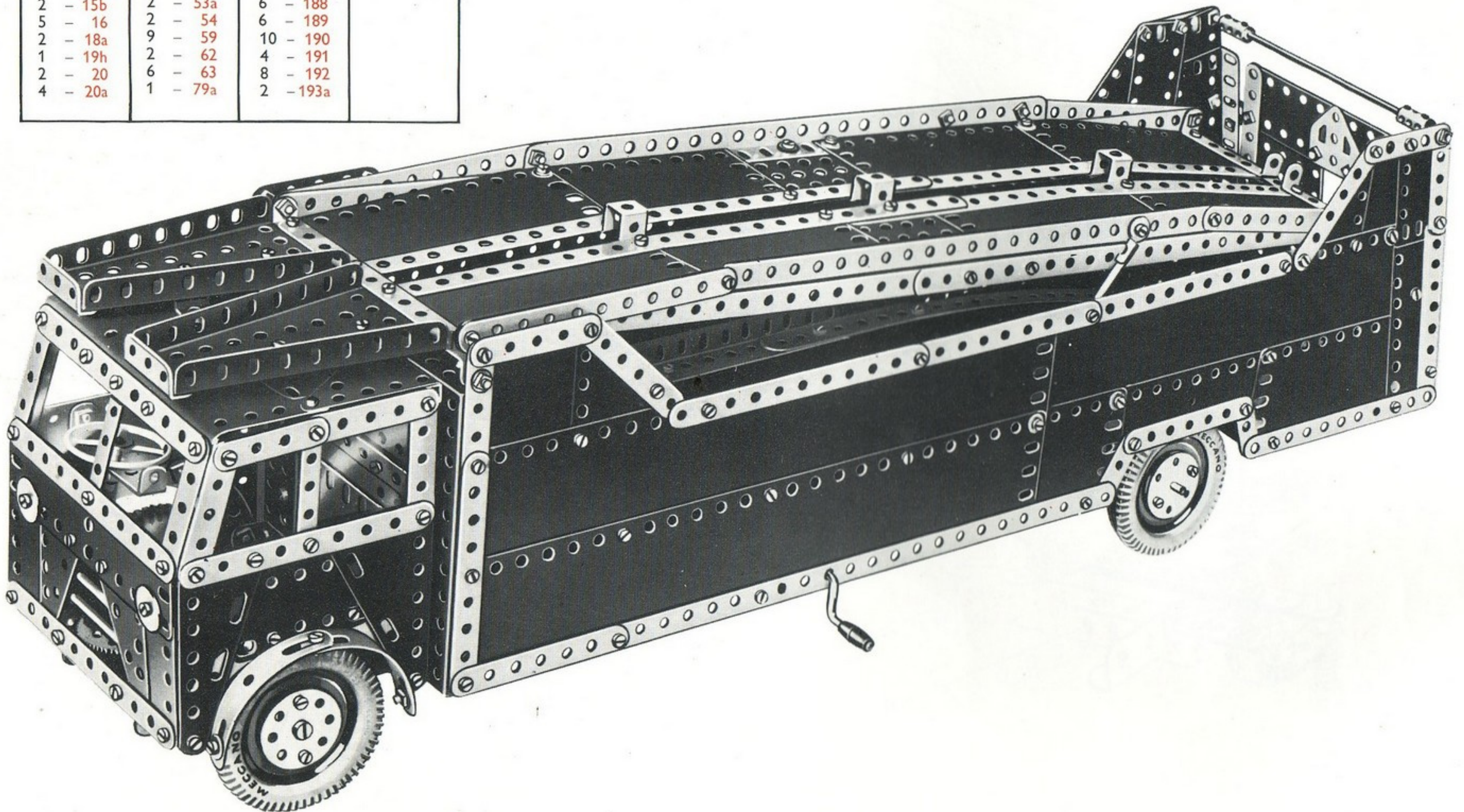


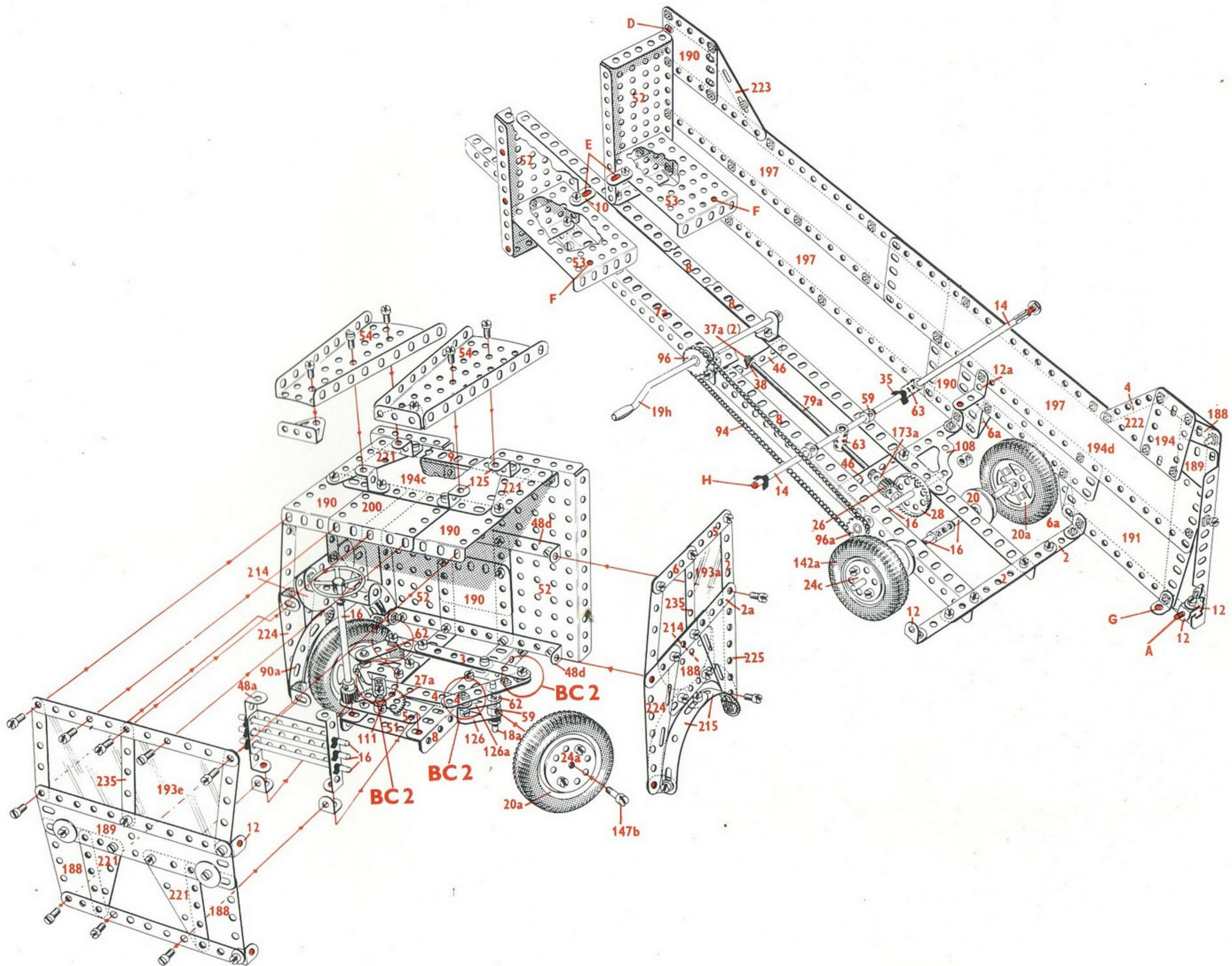


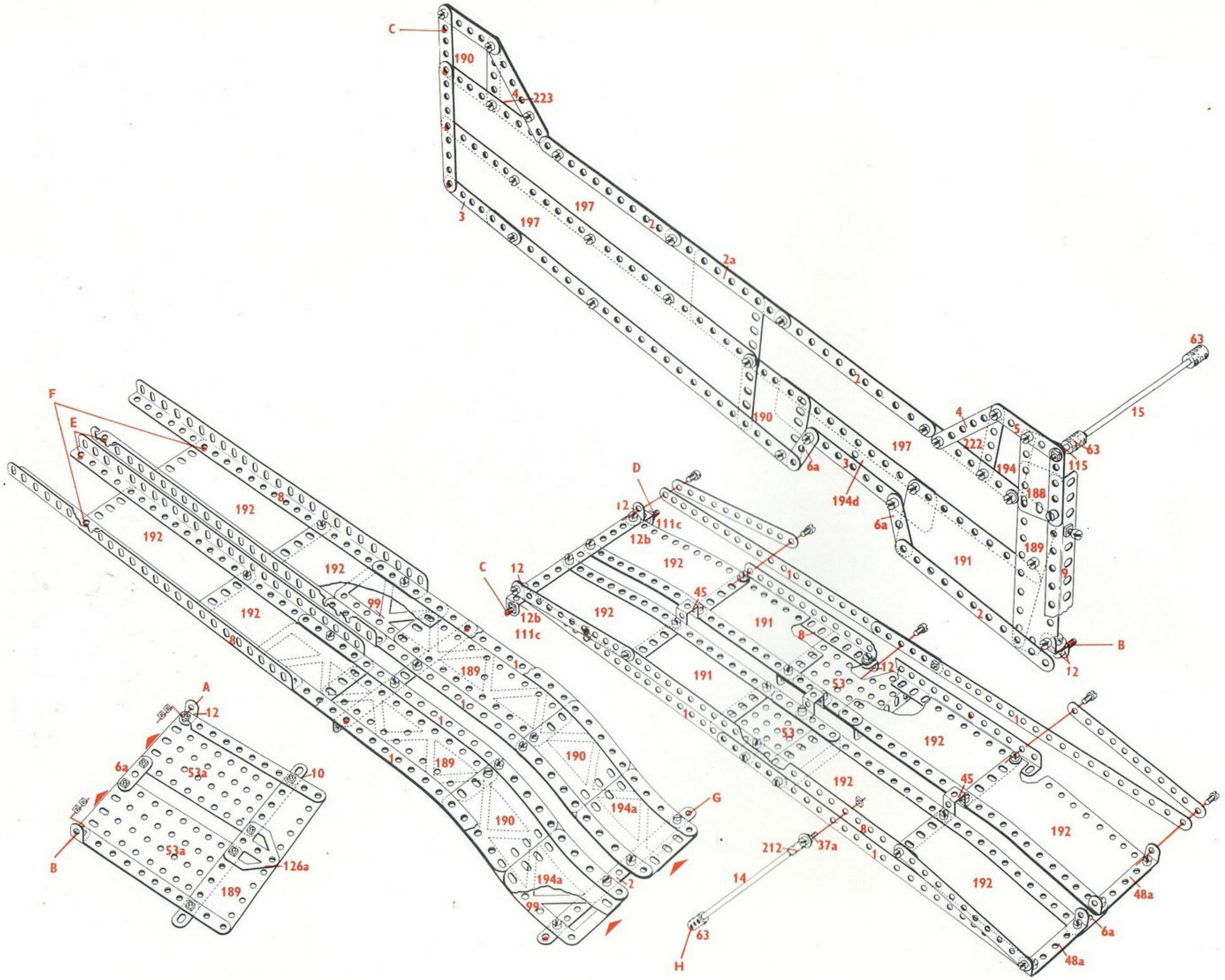
9.7 Camion porte-voitures

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	

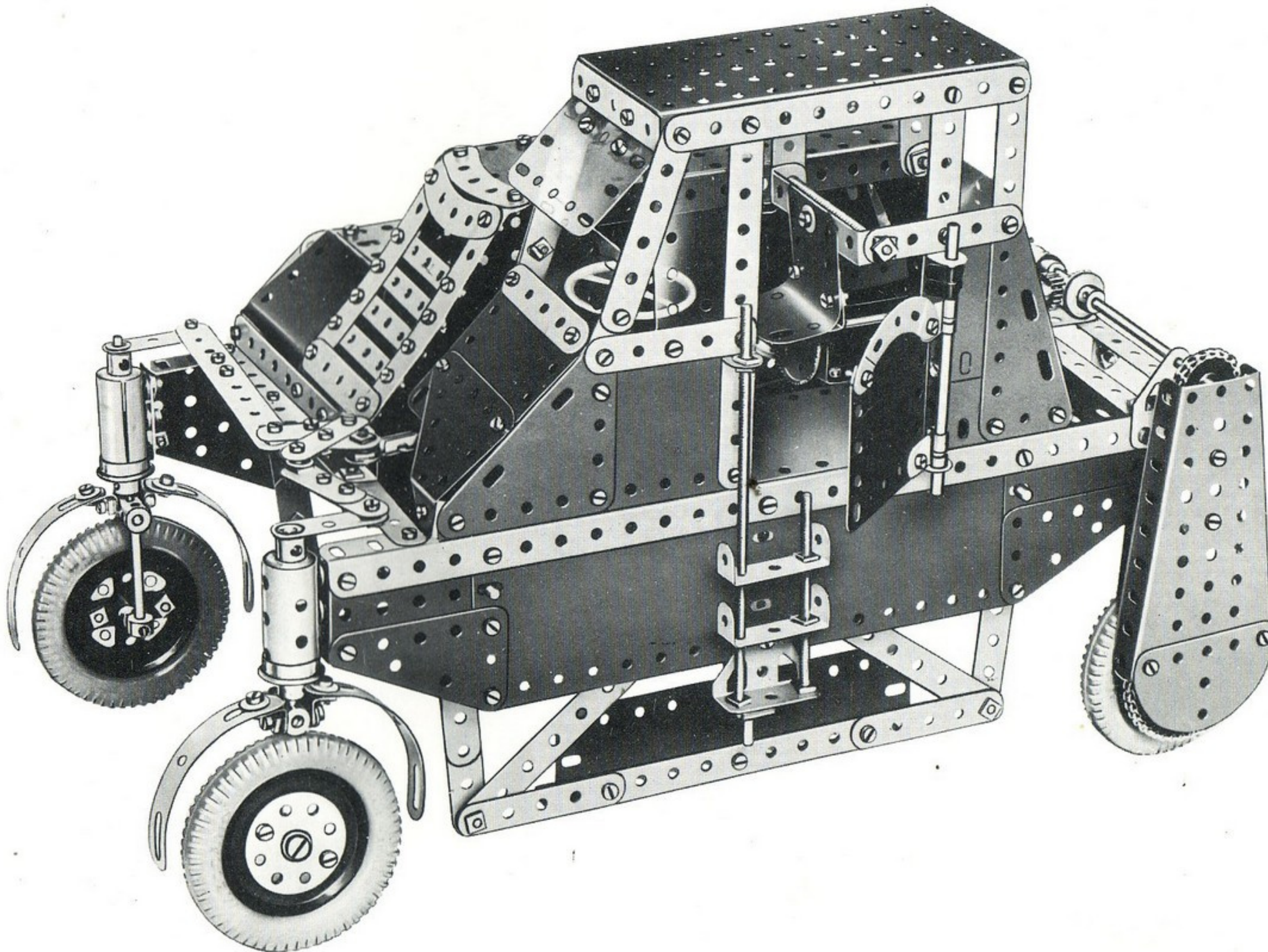
9.7







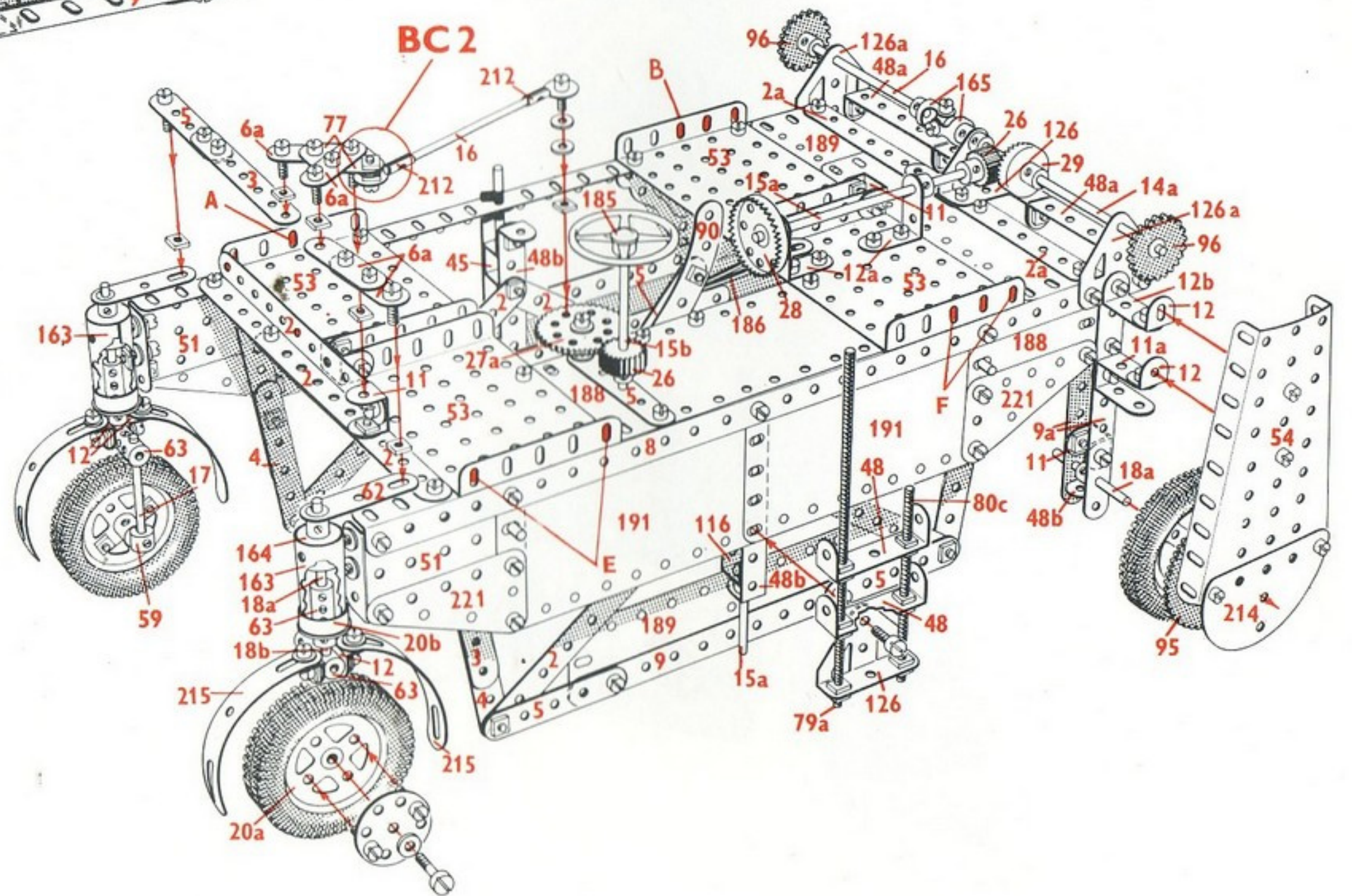
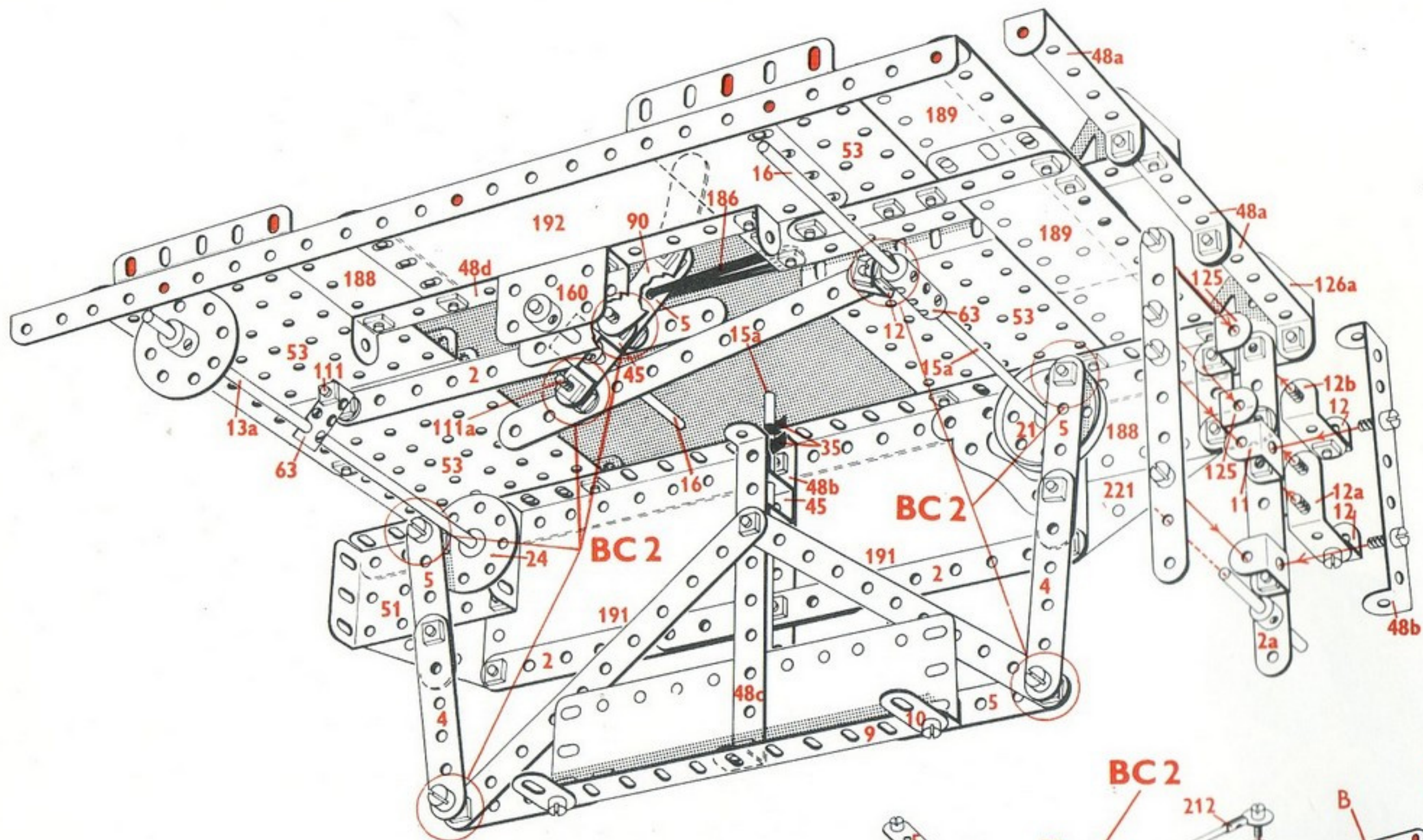
9.8 Chariot-cavalier

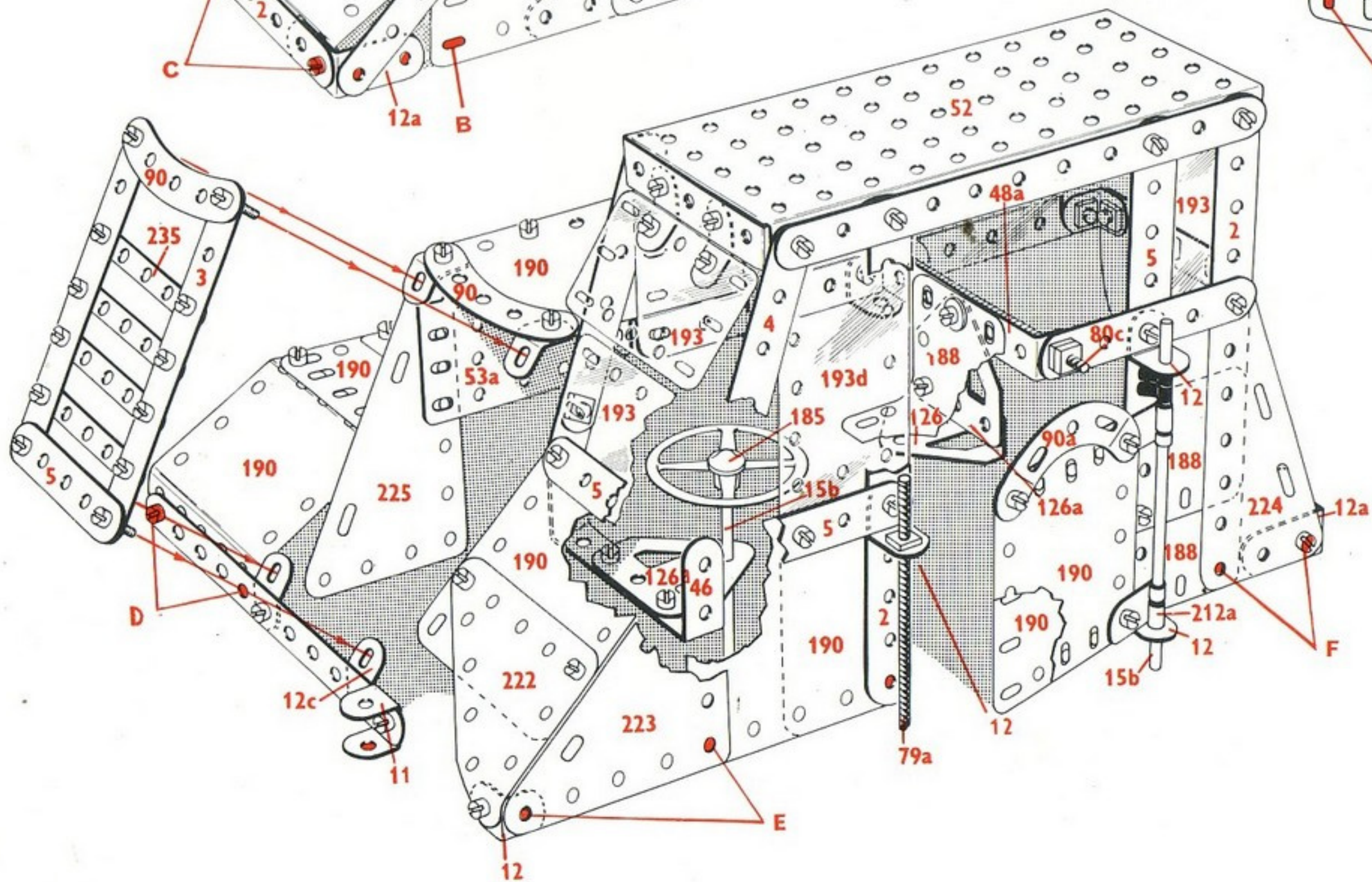
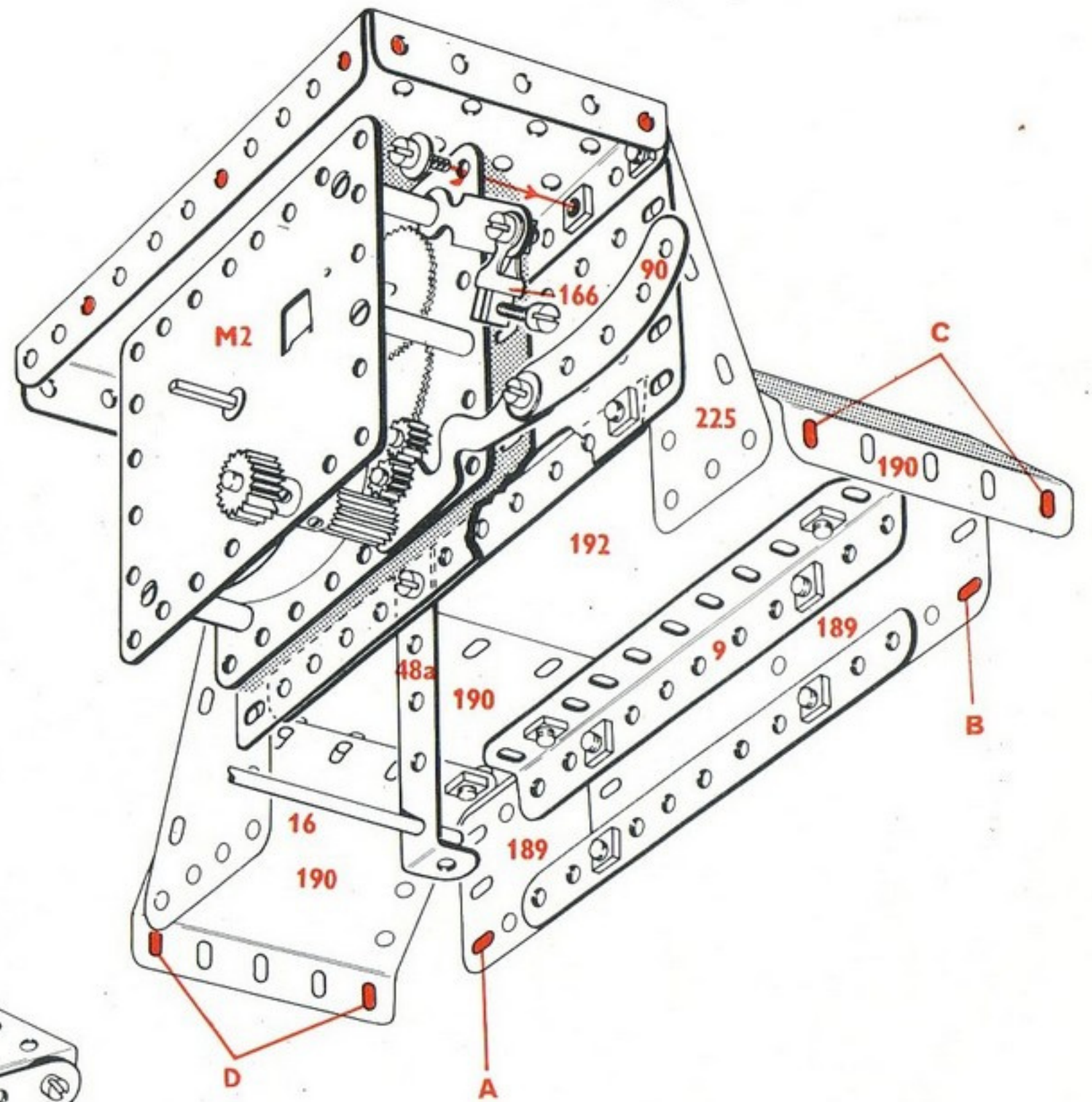
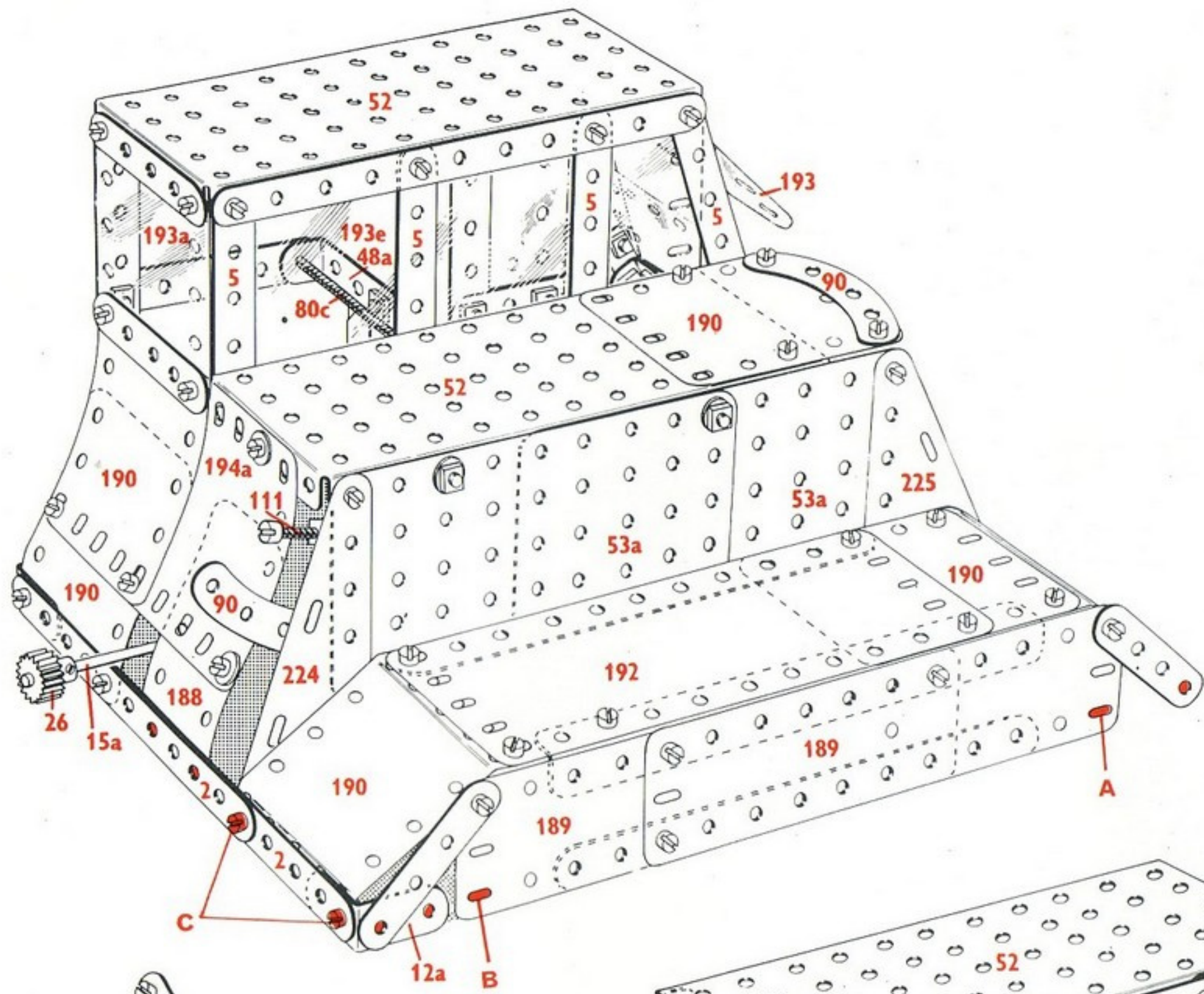


9.8

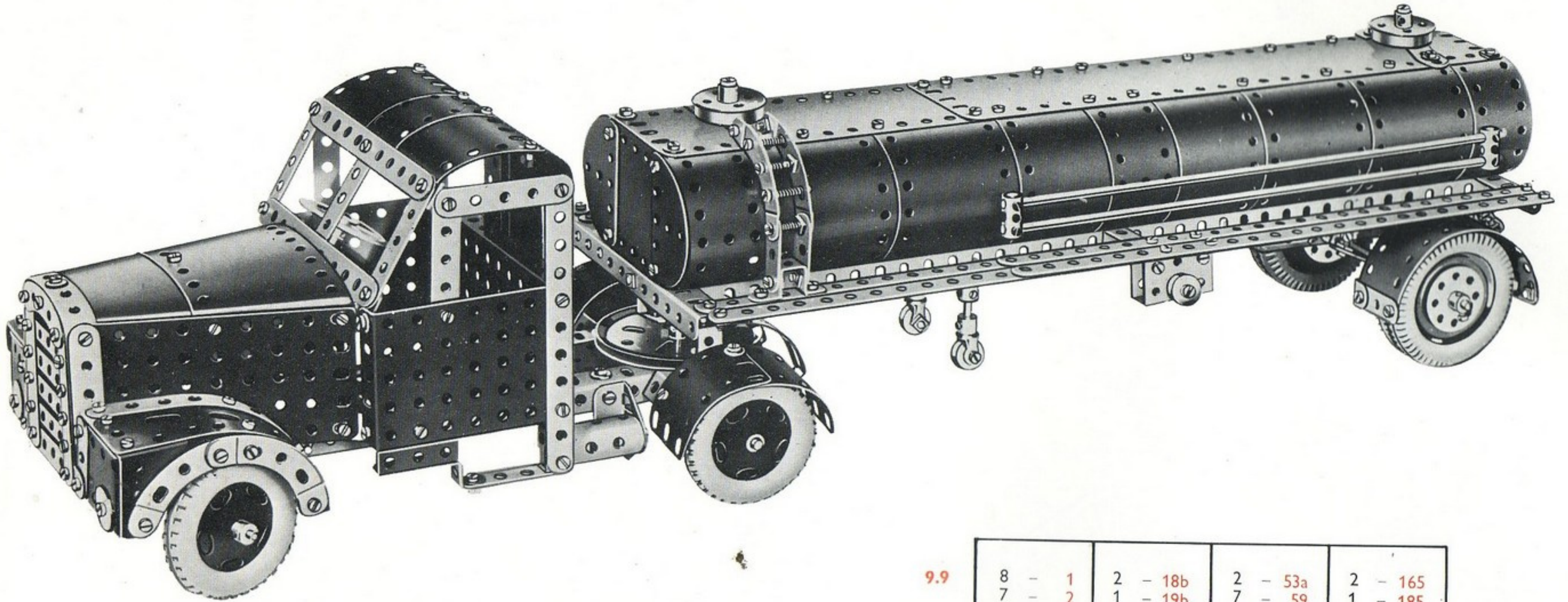
20	-	2	9	-	59
6	-	2a	2	-	62
6	-	3	4	-	63
6	-	4	2	-	77
17	-	5	1	-	79a
2	-	6	2	-	80c
6	-	6a	4	-	90
2	-	8	1	-	90a
4	-	9	1	-	94
9	-	10	2	-	95
5	-	11	2	-	96
1	-	11a	2	-	108
21	-	12	2	-	111
6	-	12a	6	-	111a
2	-	12b	3	-	111c
6	-	12c	1	-	116
1	-	13a	4	-	125
1	-	15	3	-	126
3	-	15a	4	-	126a
2	-	15b	4	-	142a
5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

*Non inclus dans la boîte



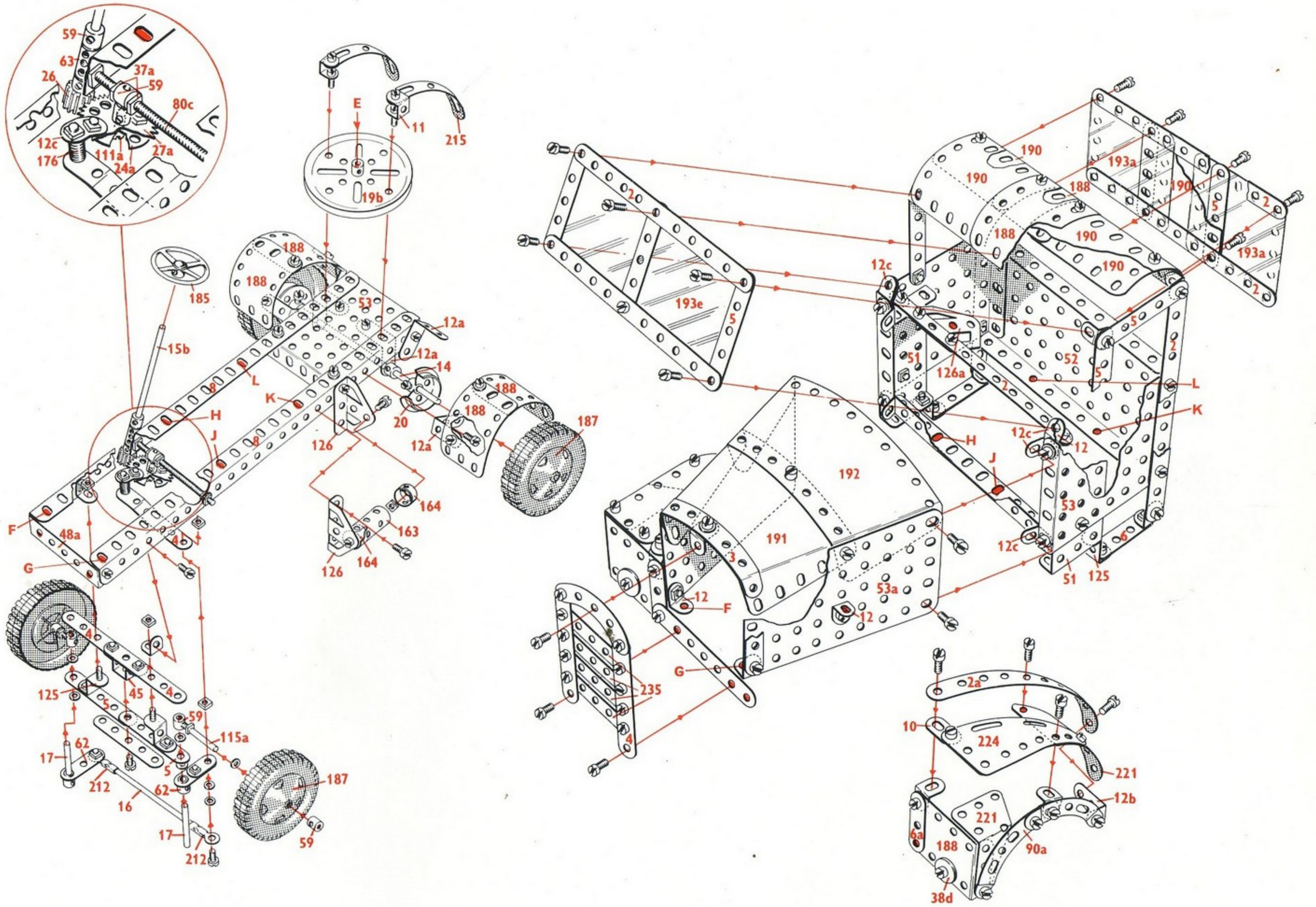


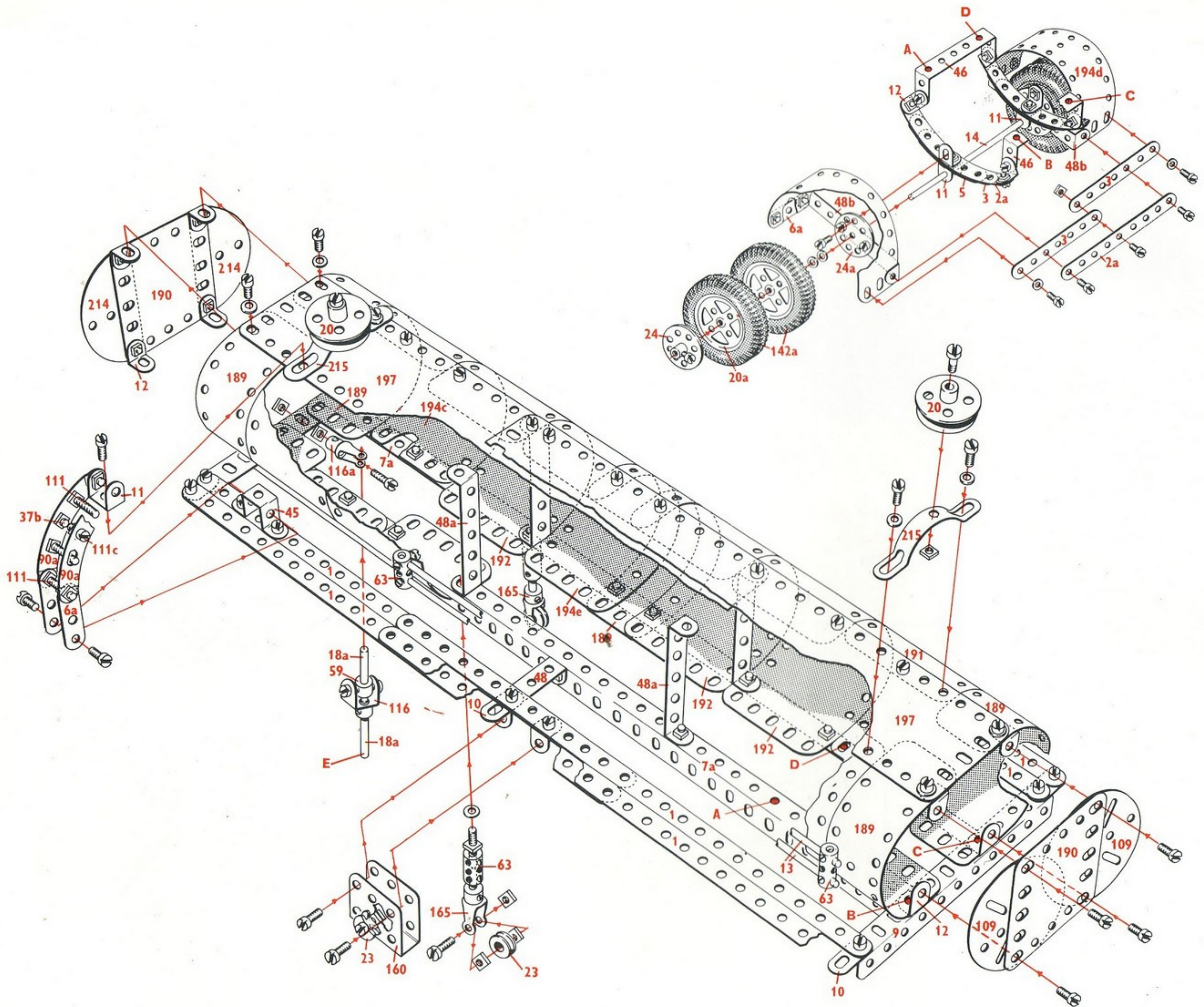
9.9 Tracteur et semi-remorque citerne



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	

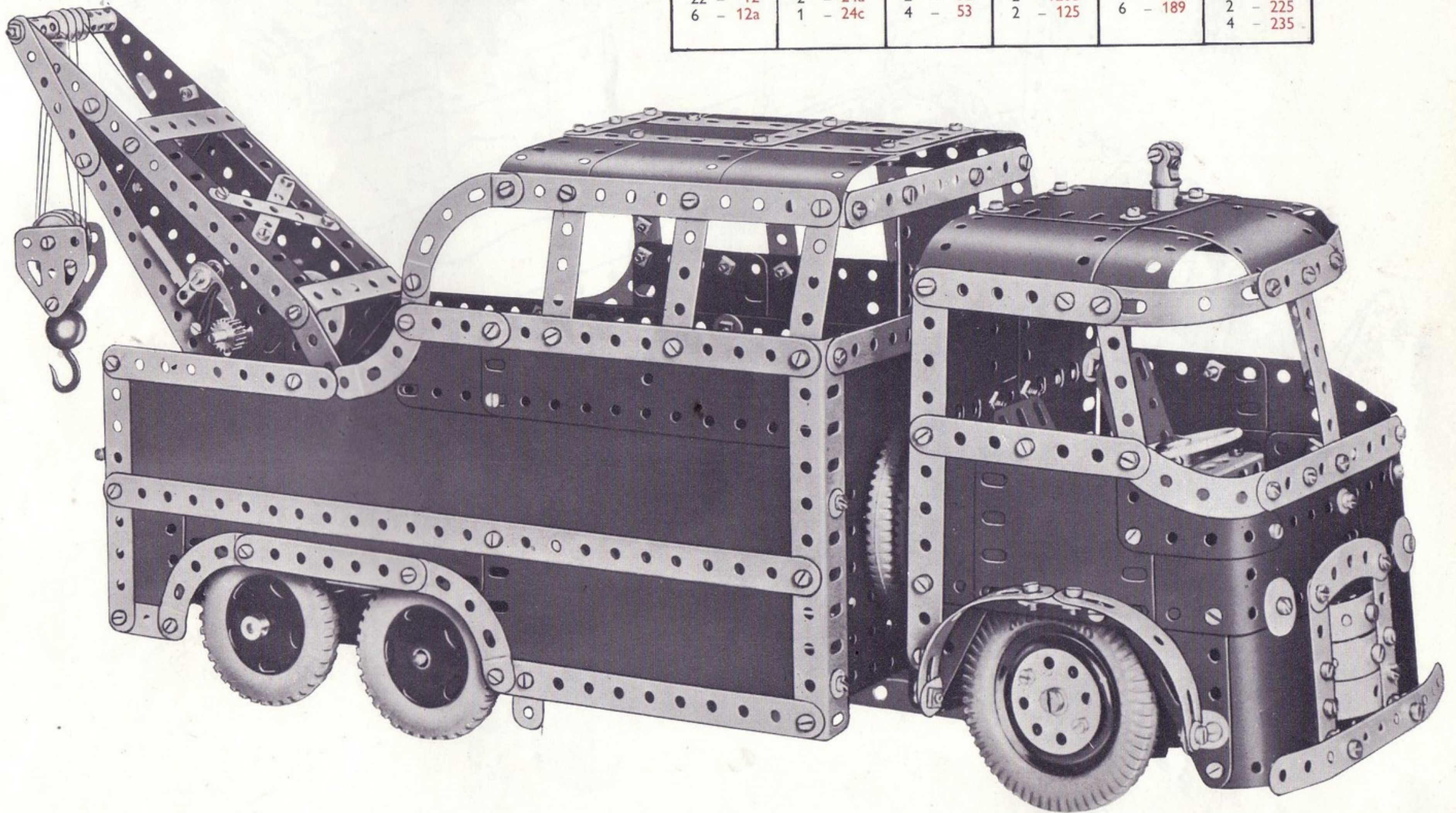


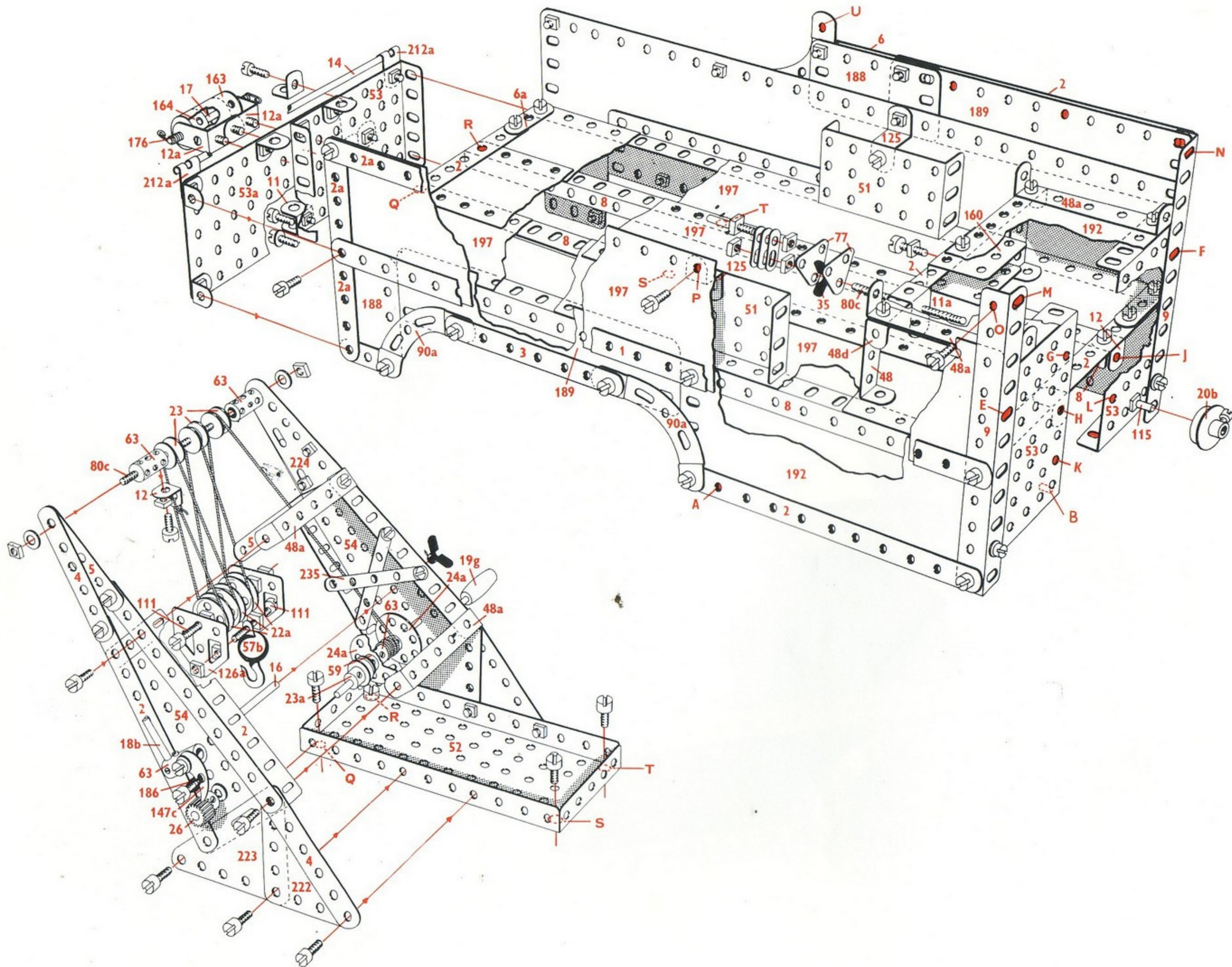


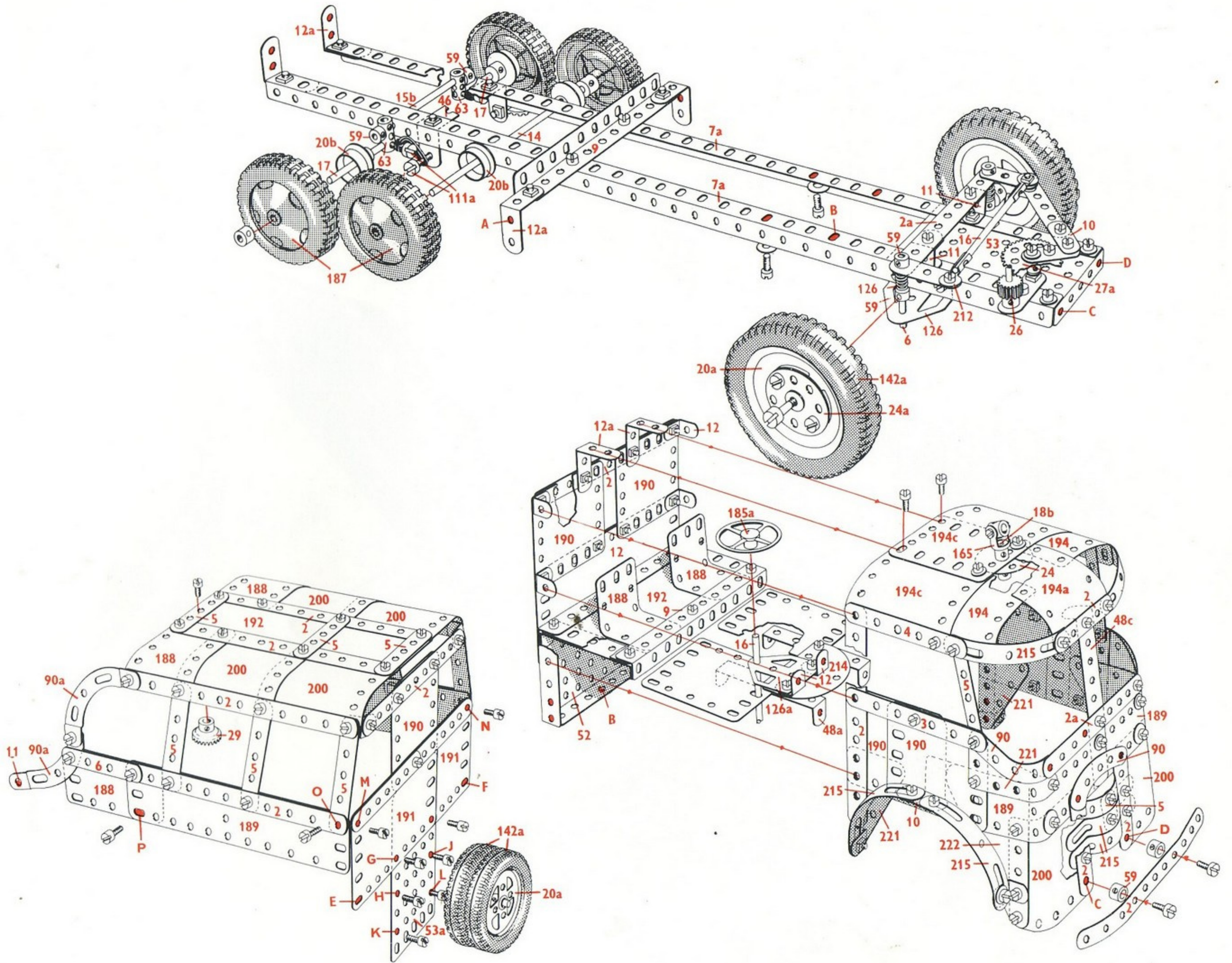
9.10 Camion de dépannage

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







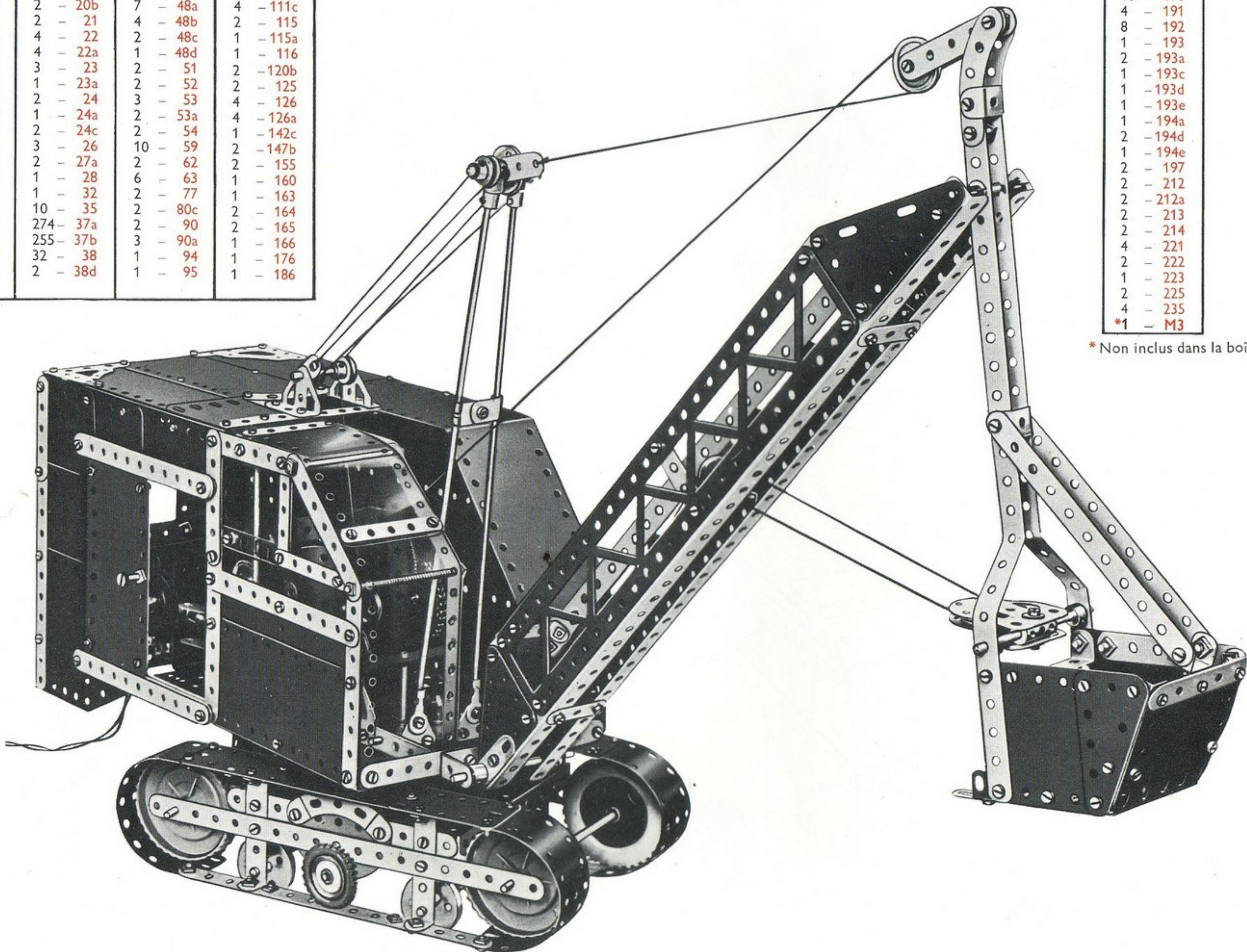
9.11 Pelle mécanique

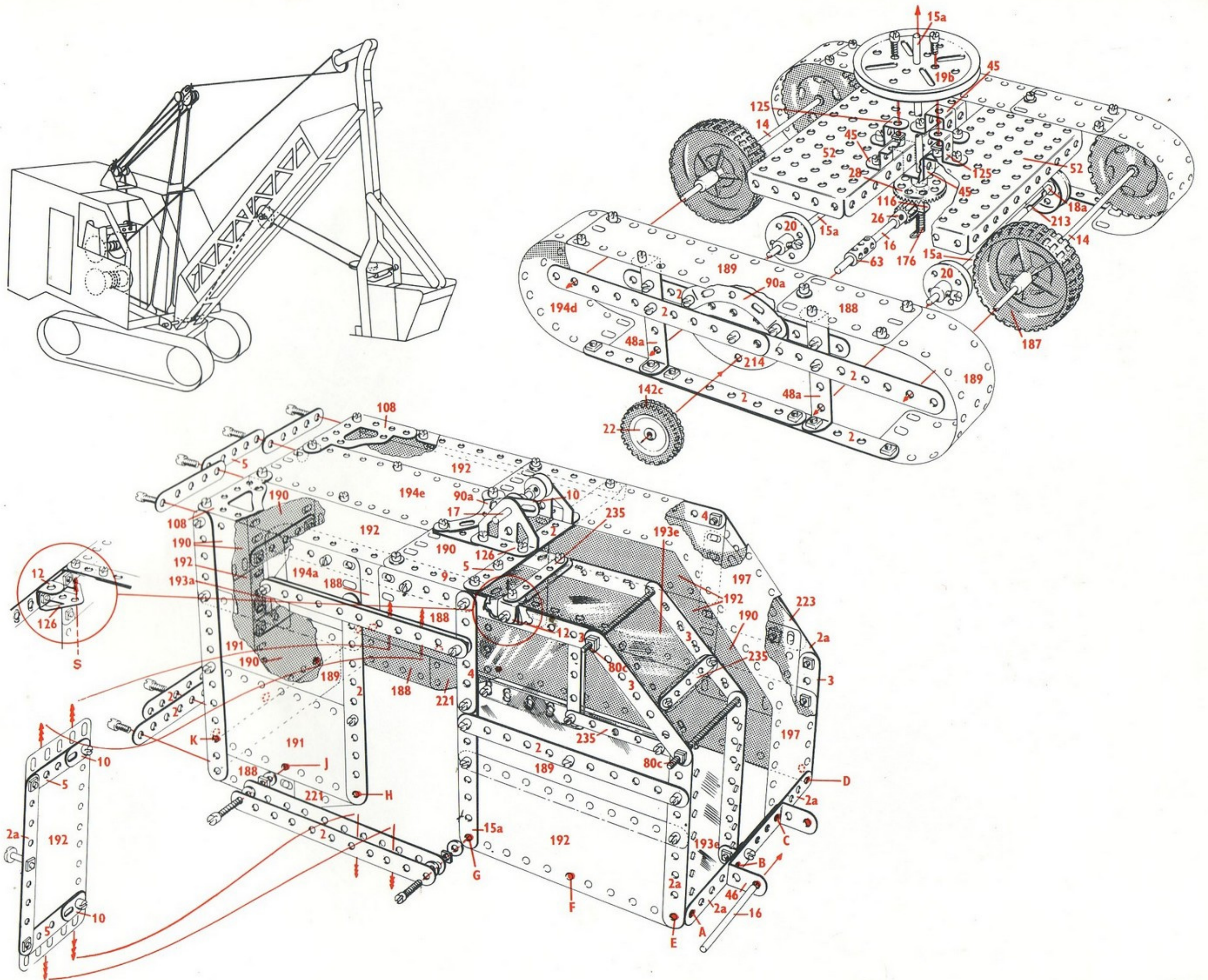
4	-	1	4	-	18a	2	-	40	1	-	96a
21	-	2	1	-	18b	3	-	45	2	-	99
6	-	2a	2	-	19b	2	-	46	2	-	108
5	-	3	4	-	20	2	-	48	1	-	111a
3	-	4	2	-	20b	7	-	48a	4	-	111c
15	-	5	2	-	21	4	-	48b	2	-	115
2	-	6	4	-	22	2	-	48c	1	-	115a
5	-	6a	4	-	22a	1	-	48d	1	-	116
2	-	7a	3	-	23	2	-	51	2	-	120b
2	-	8	1	-	23a	2	-	52	2	-	125
4	-	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

9.11

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
*1	-	M3

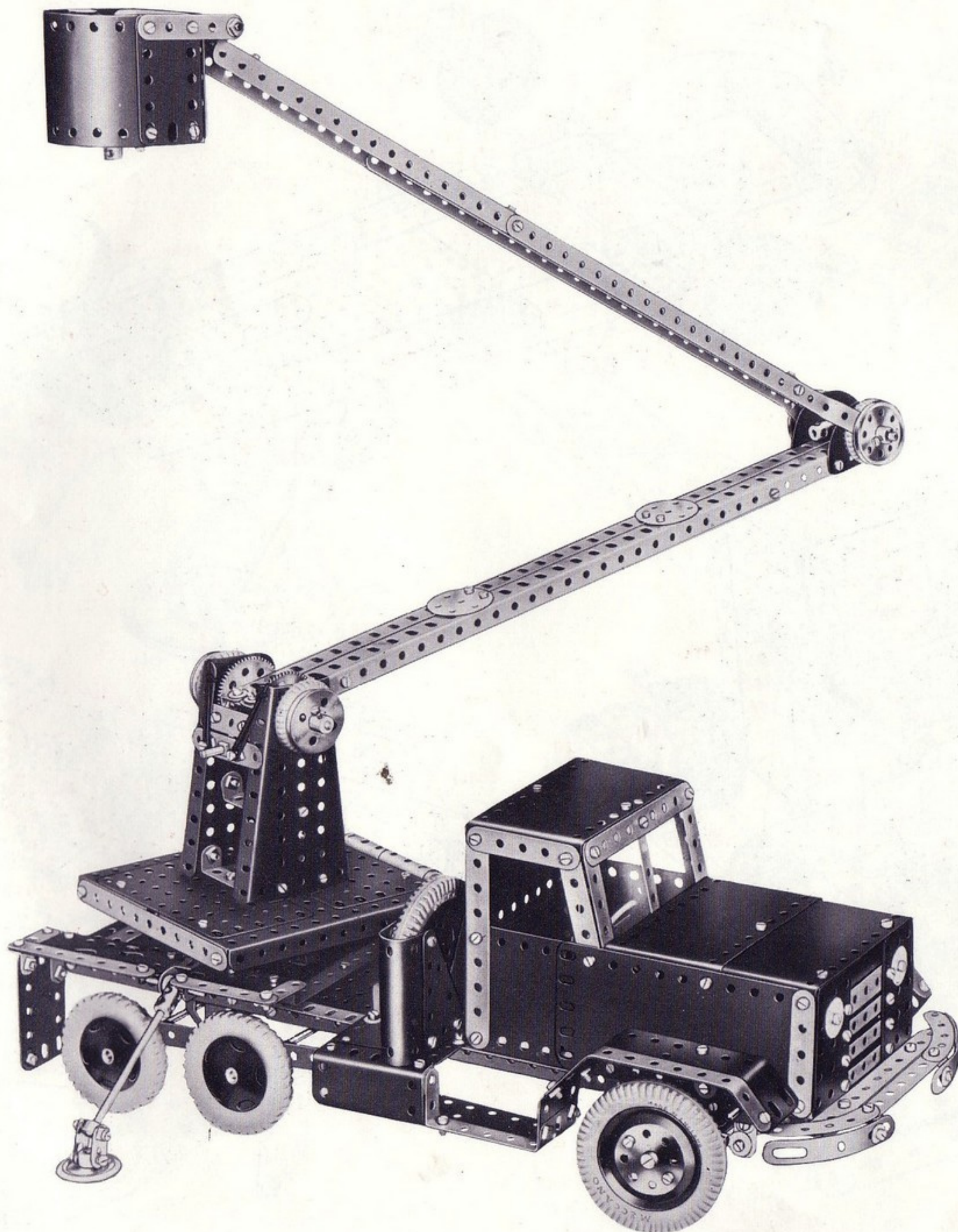
* Non inclus dans la boîte

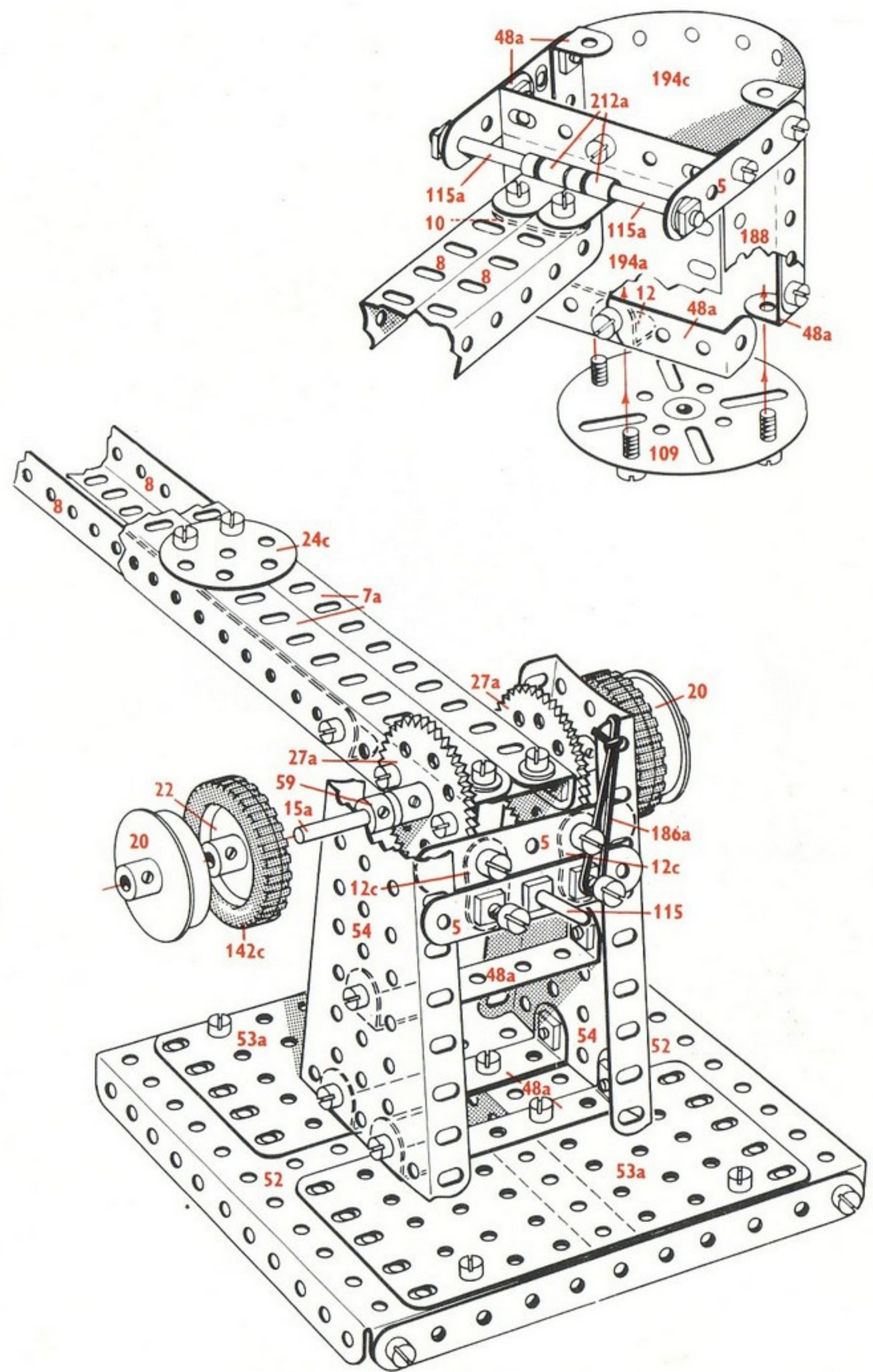
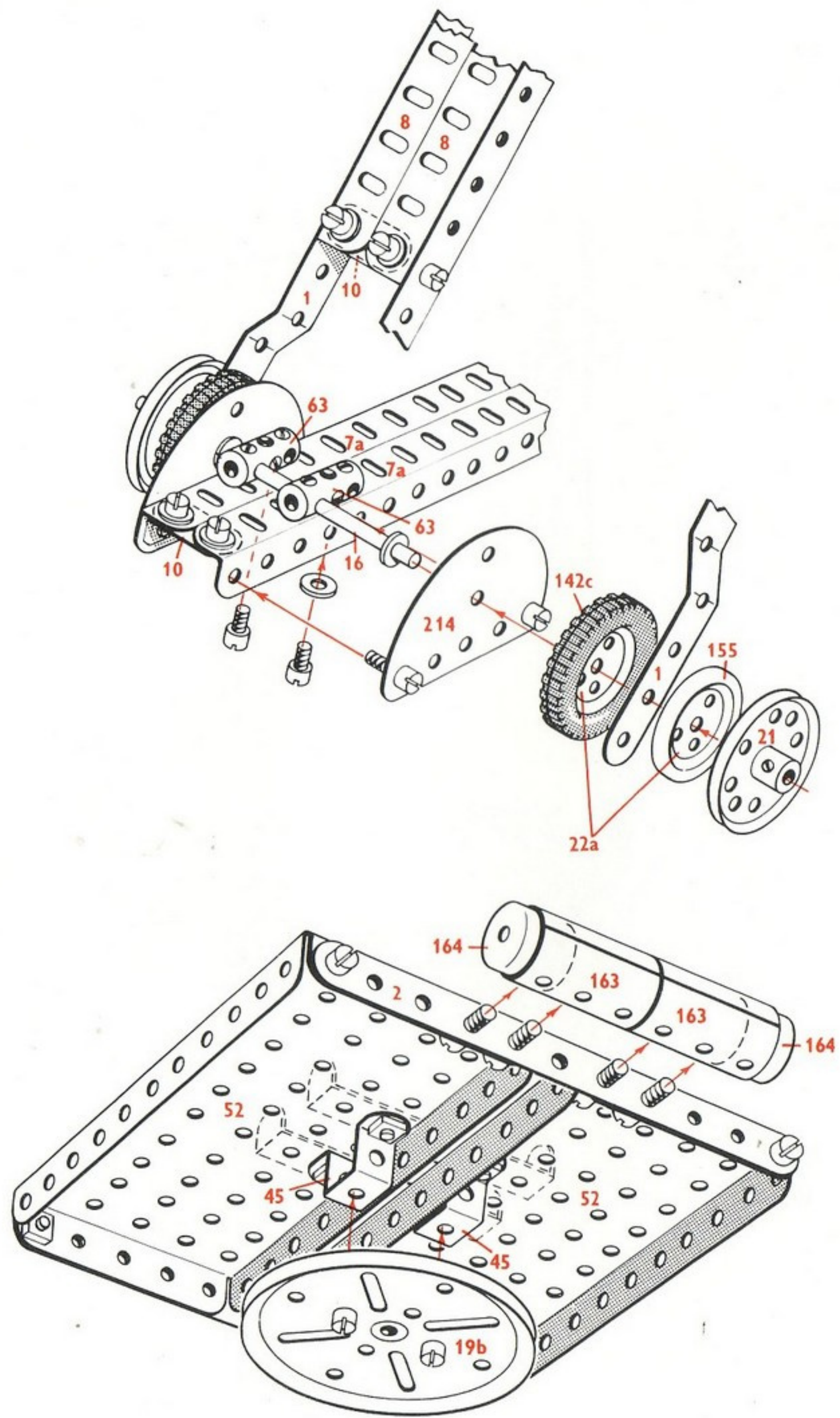




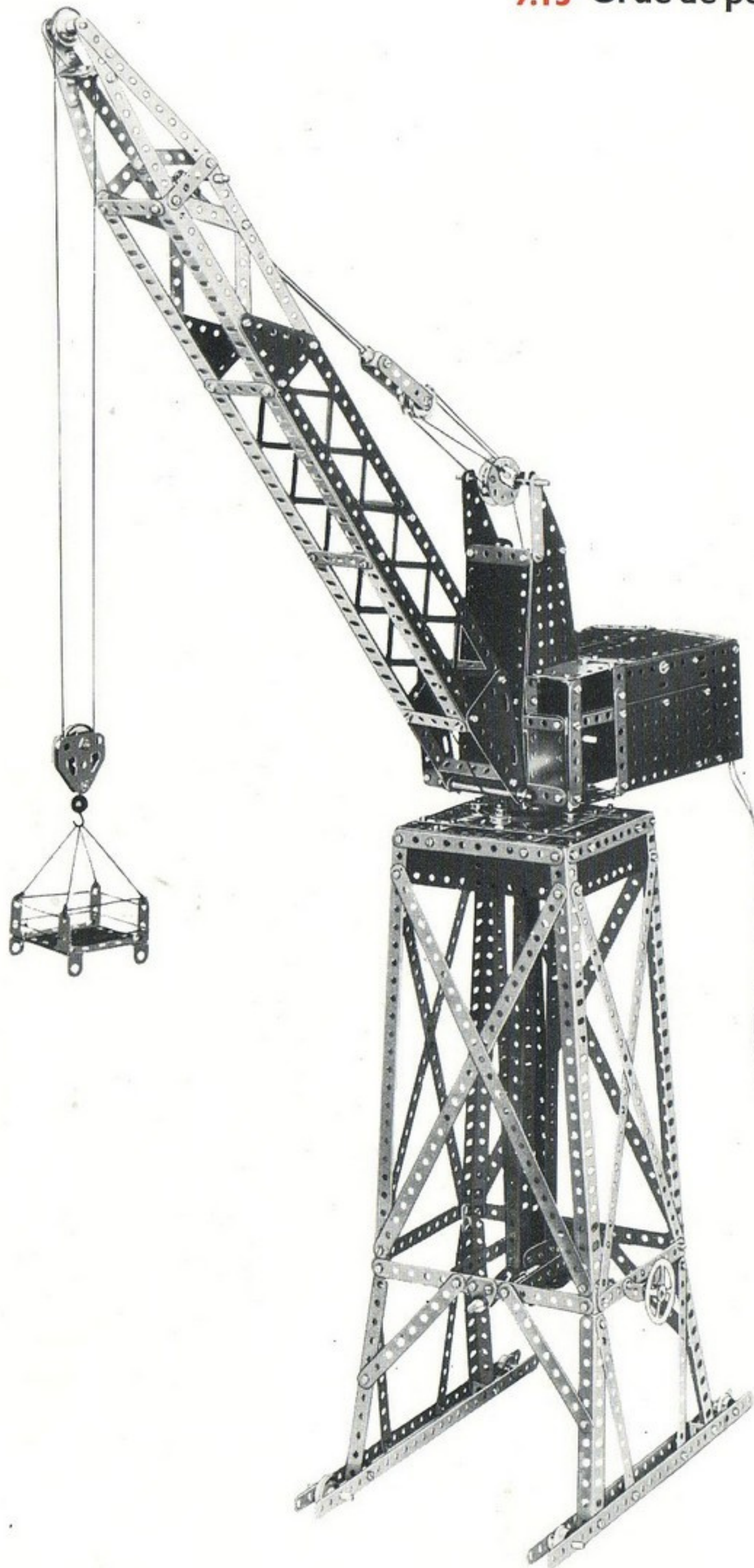
9.12 Camion à plateforme télescopique

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			





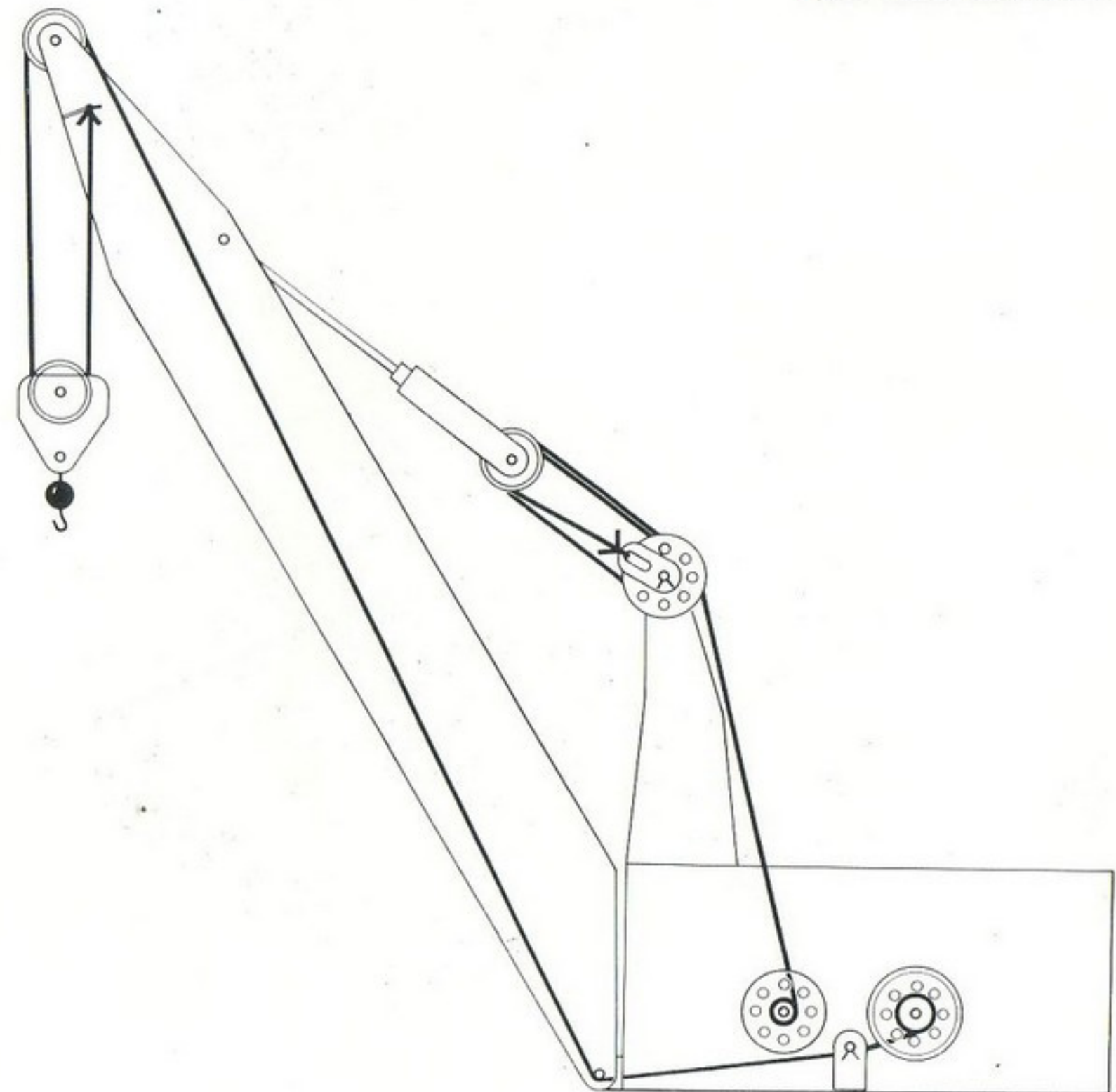
9.13 Grue de port

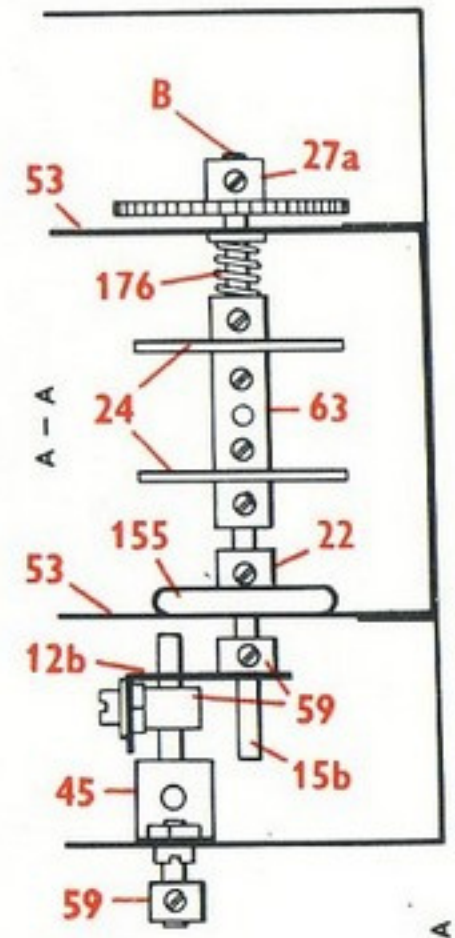
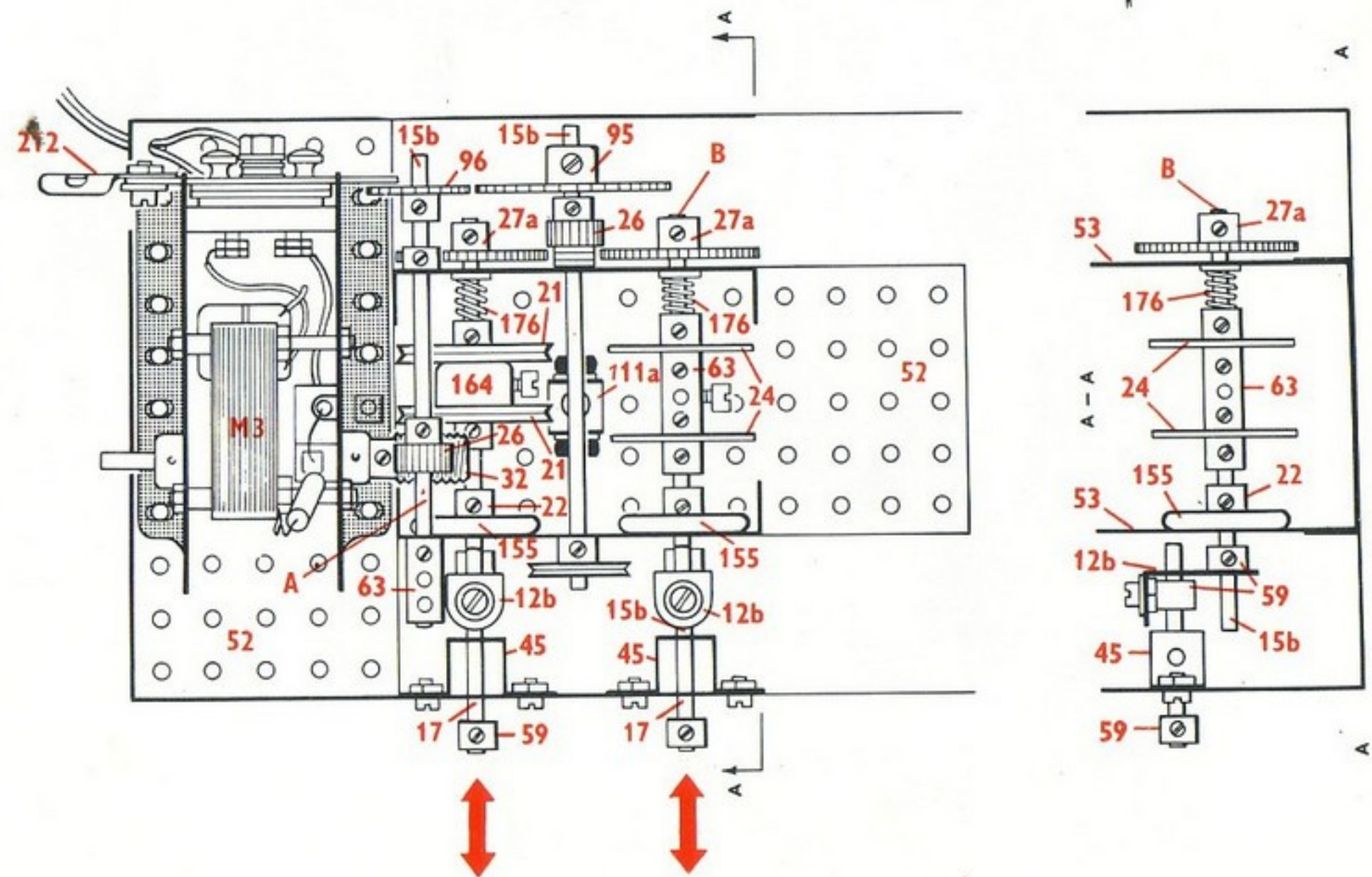
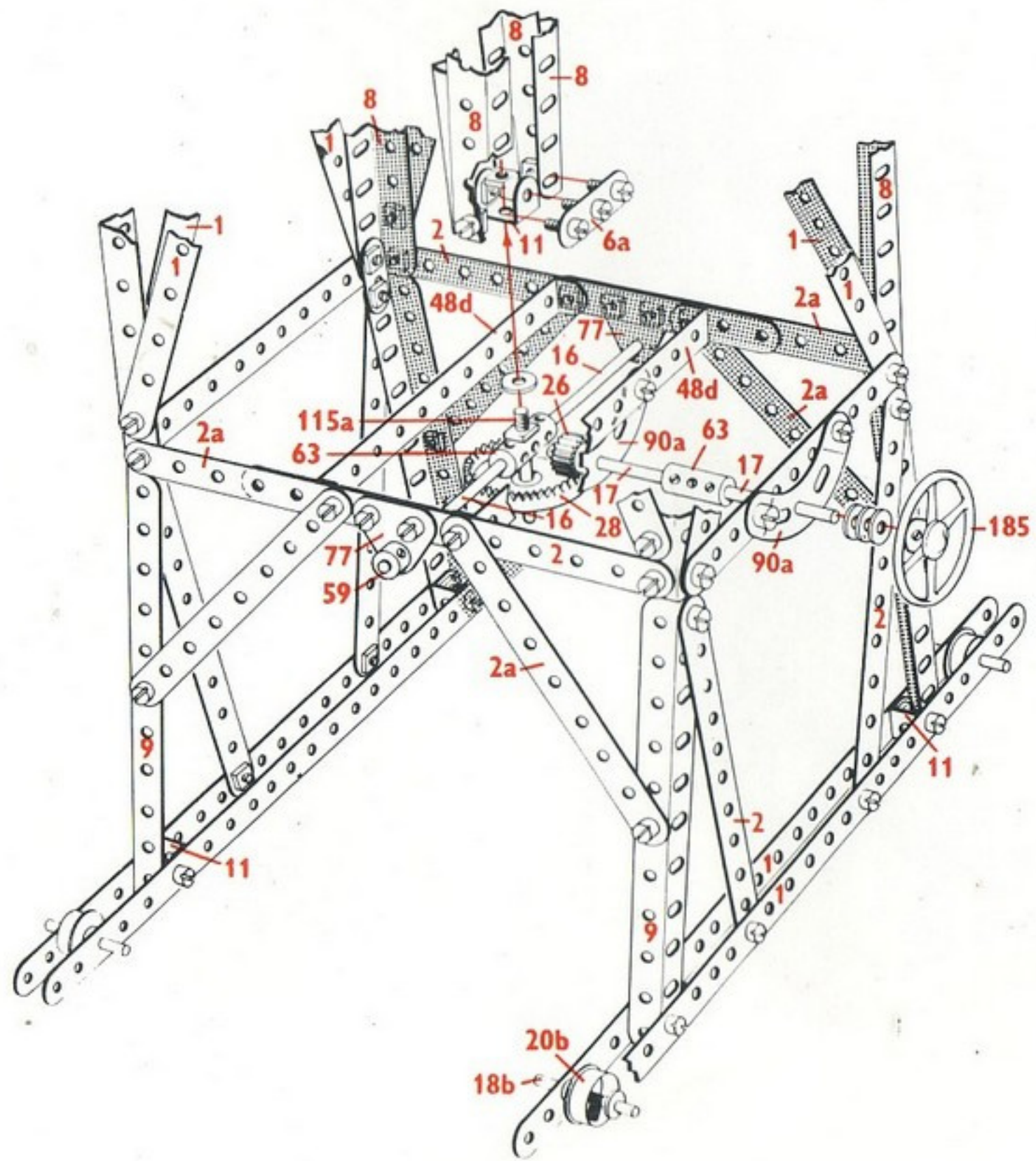
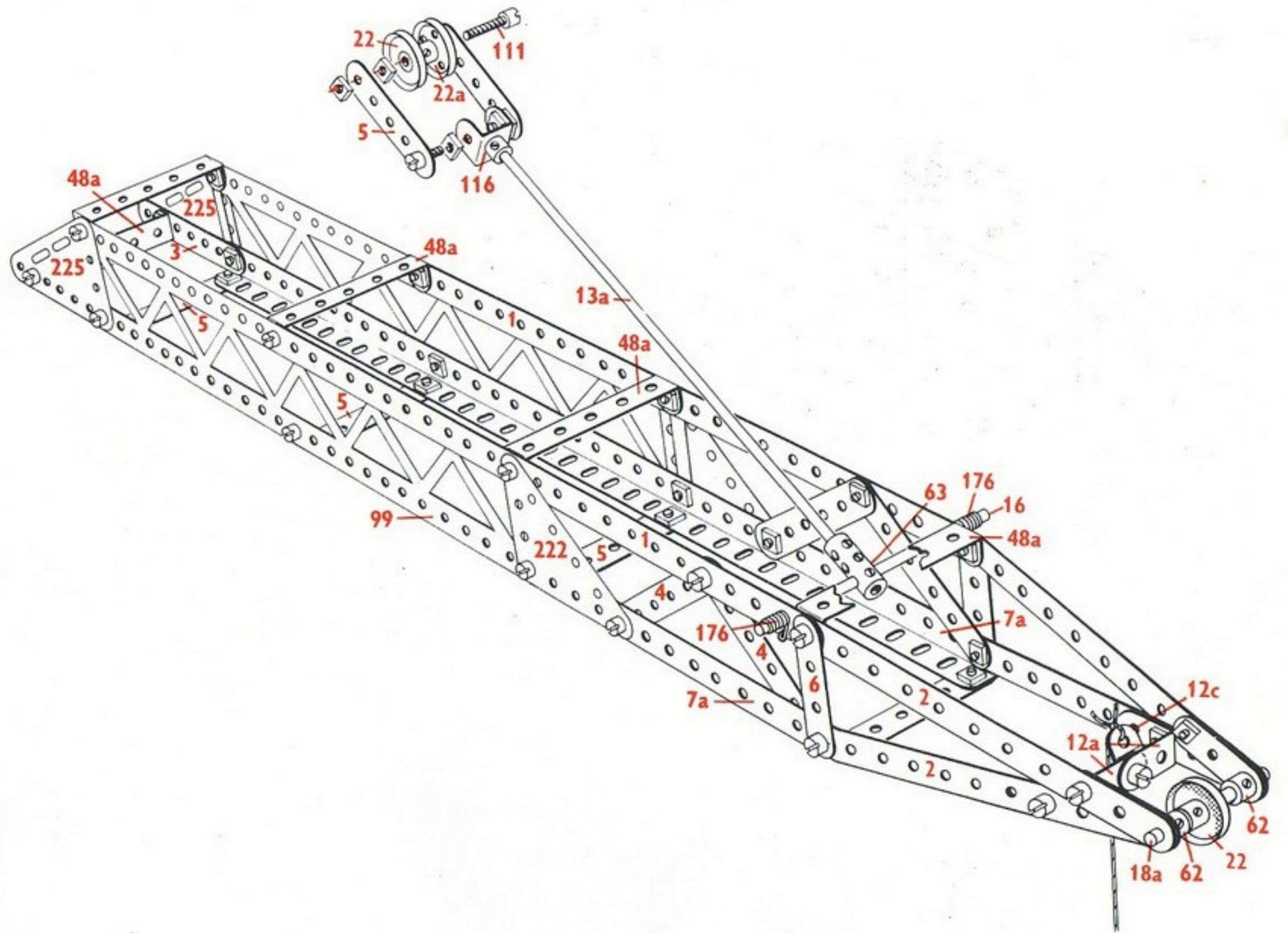
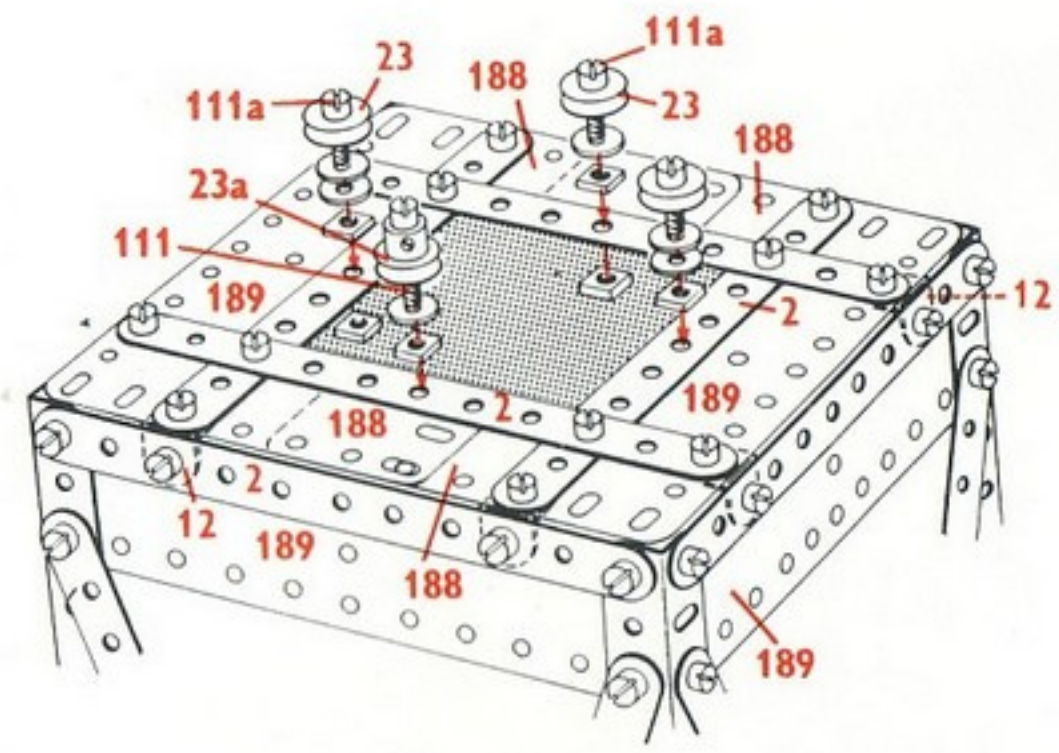


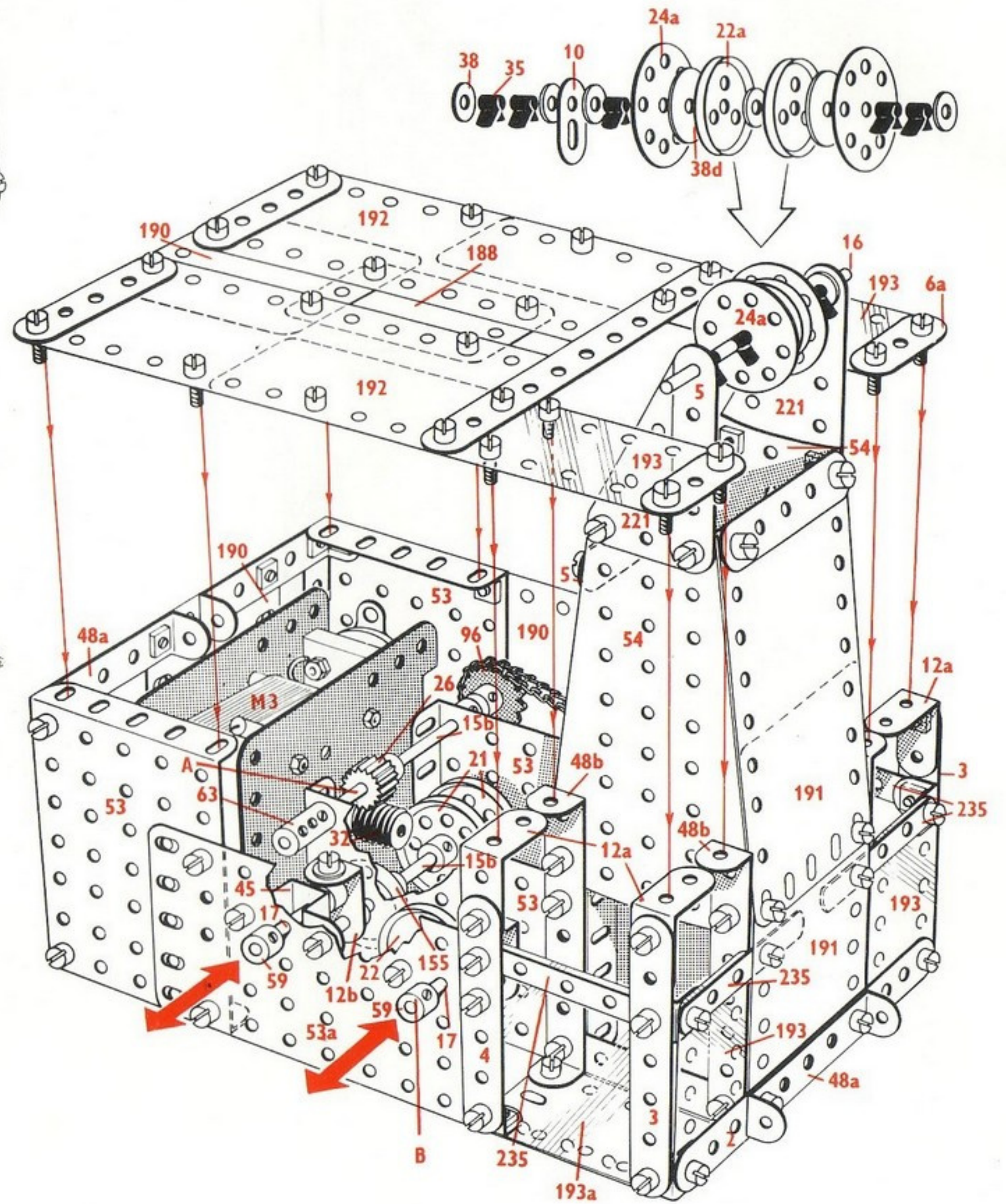
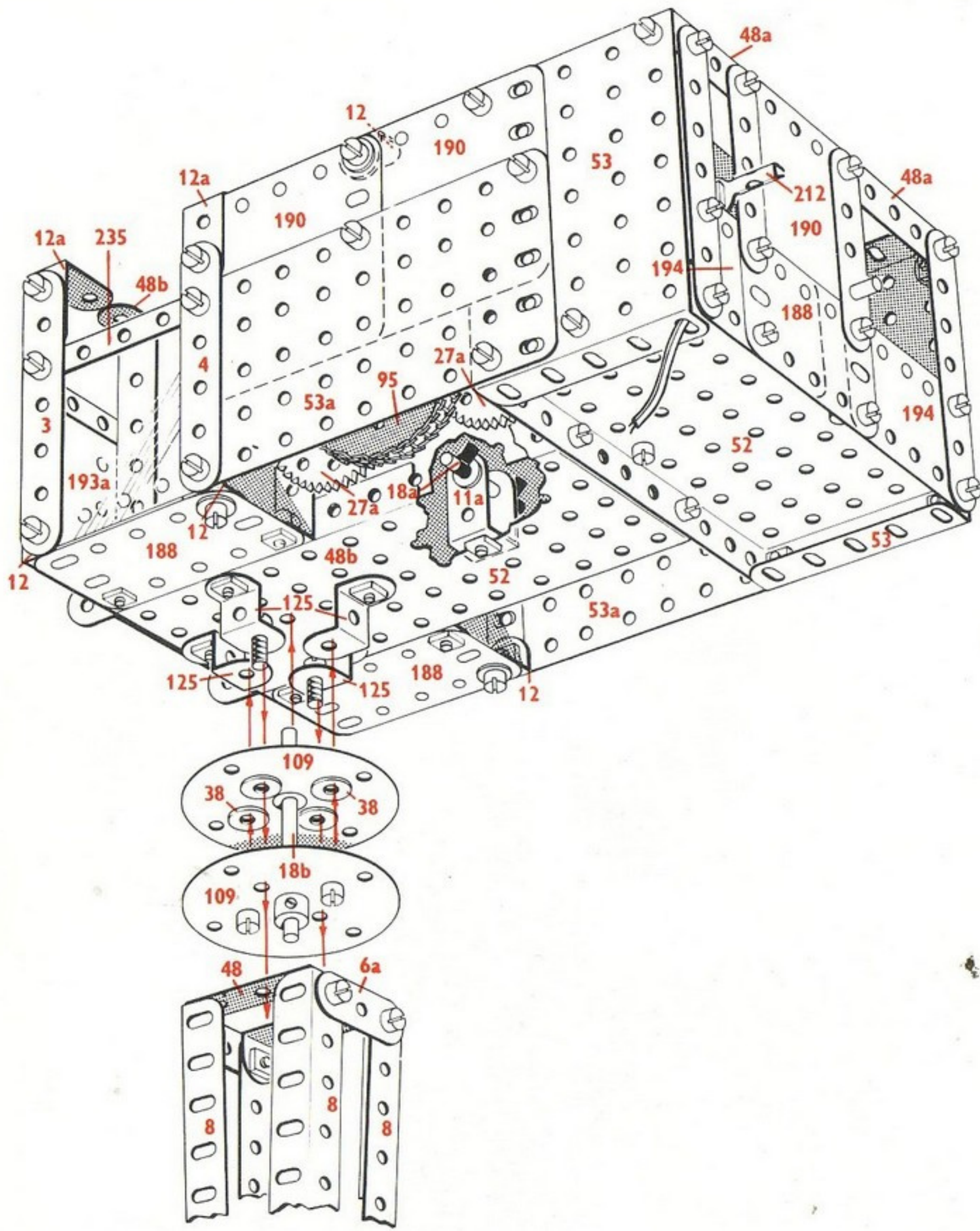
9.13

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

*Non inclus dans la boîte



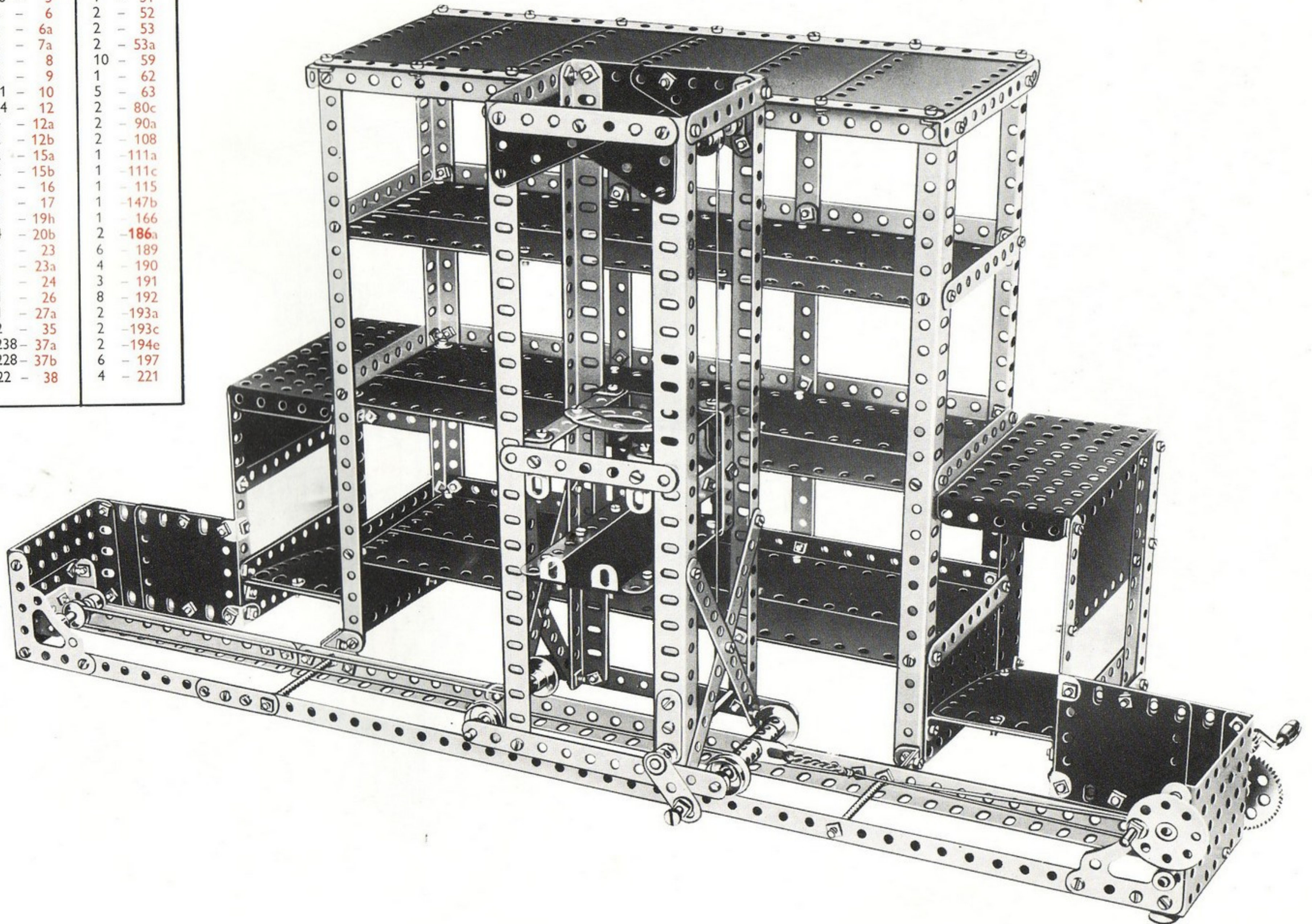


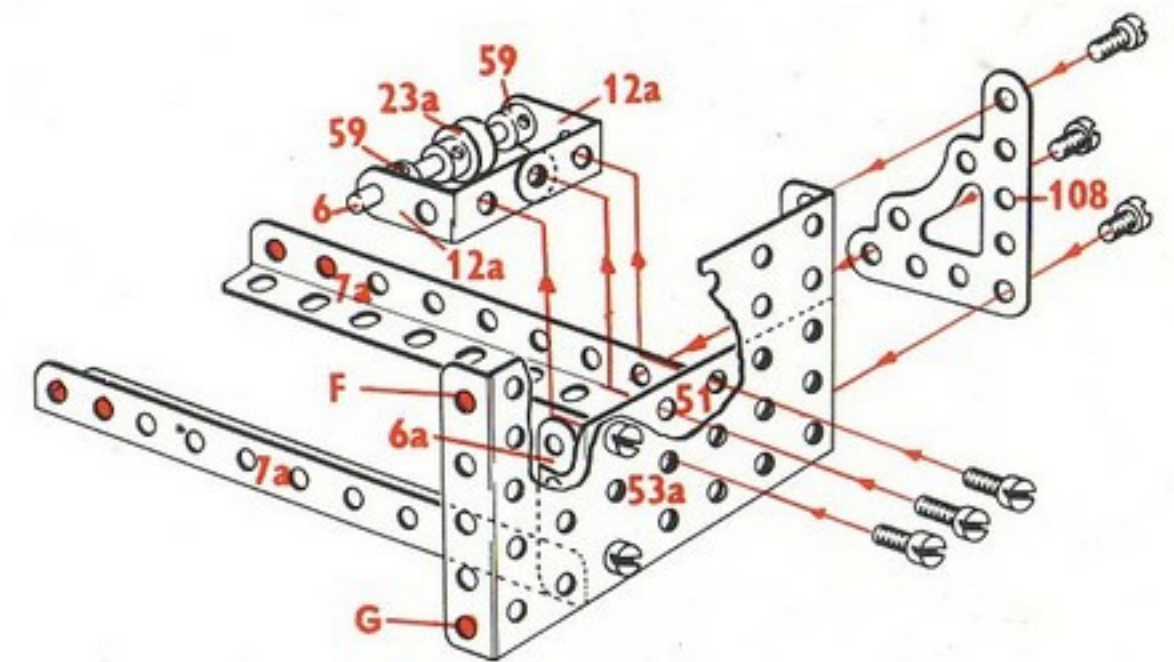
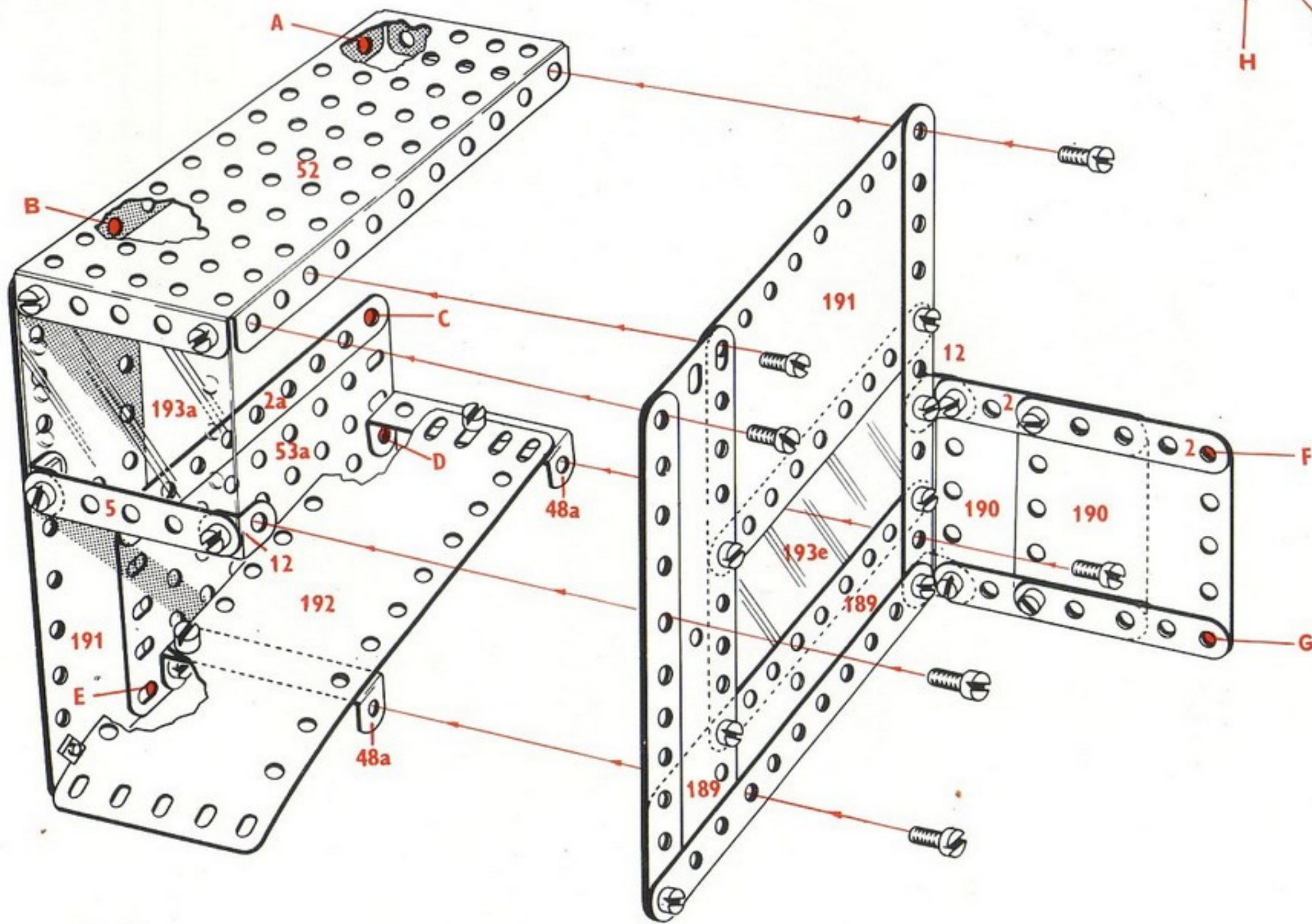
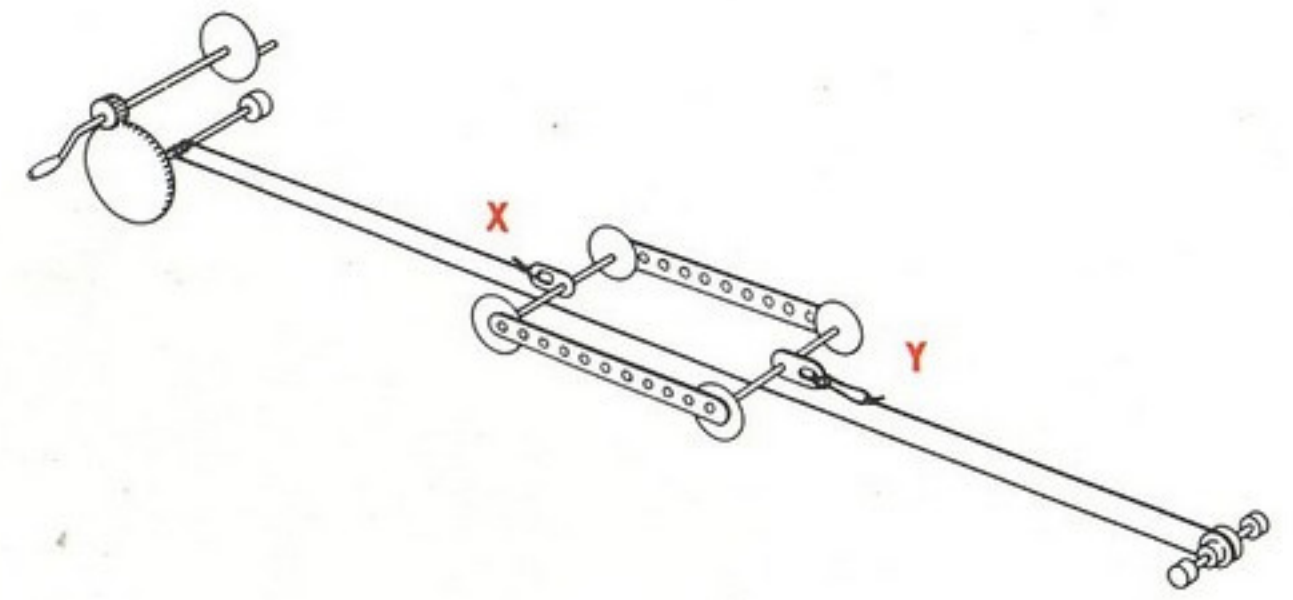
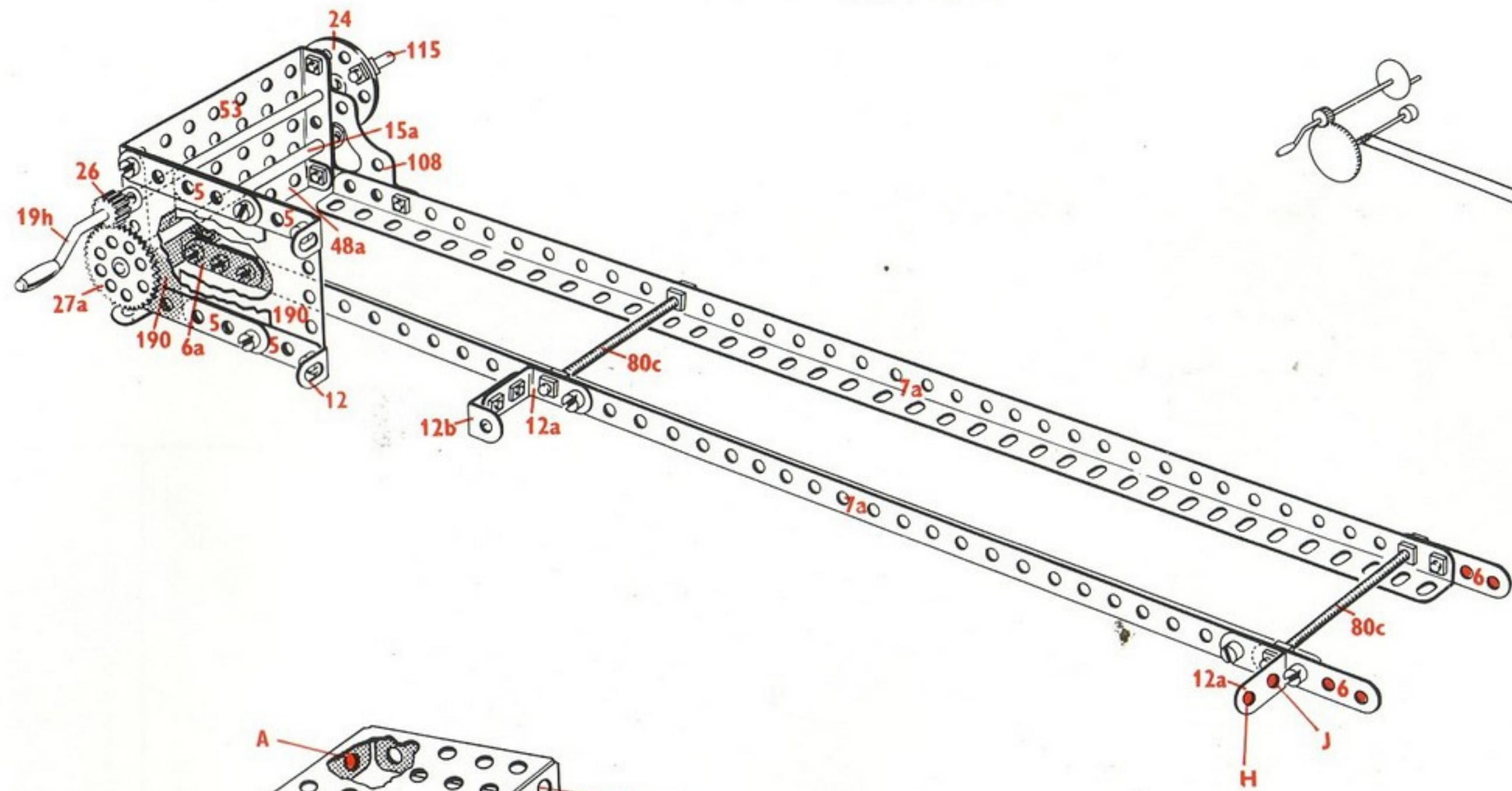


9.14 Ascenseur de garage

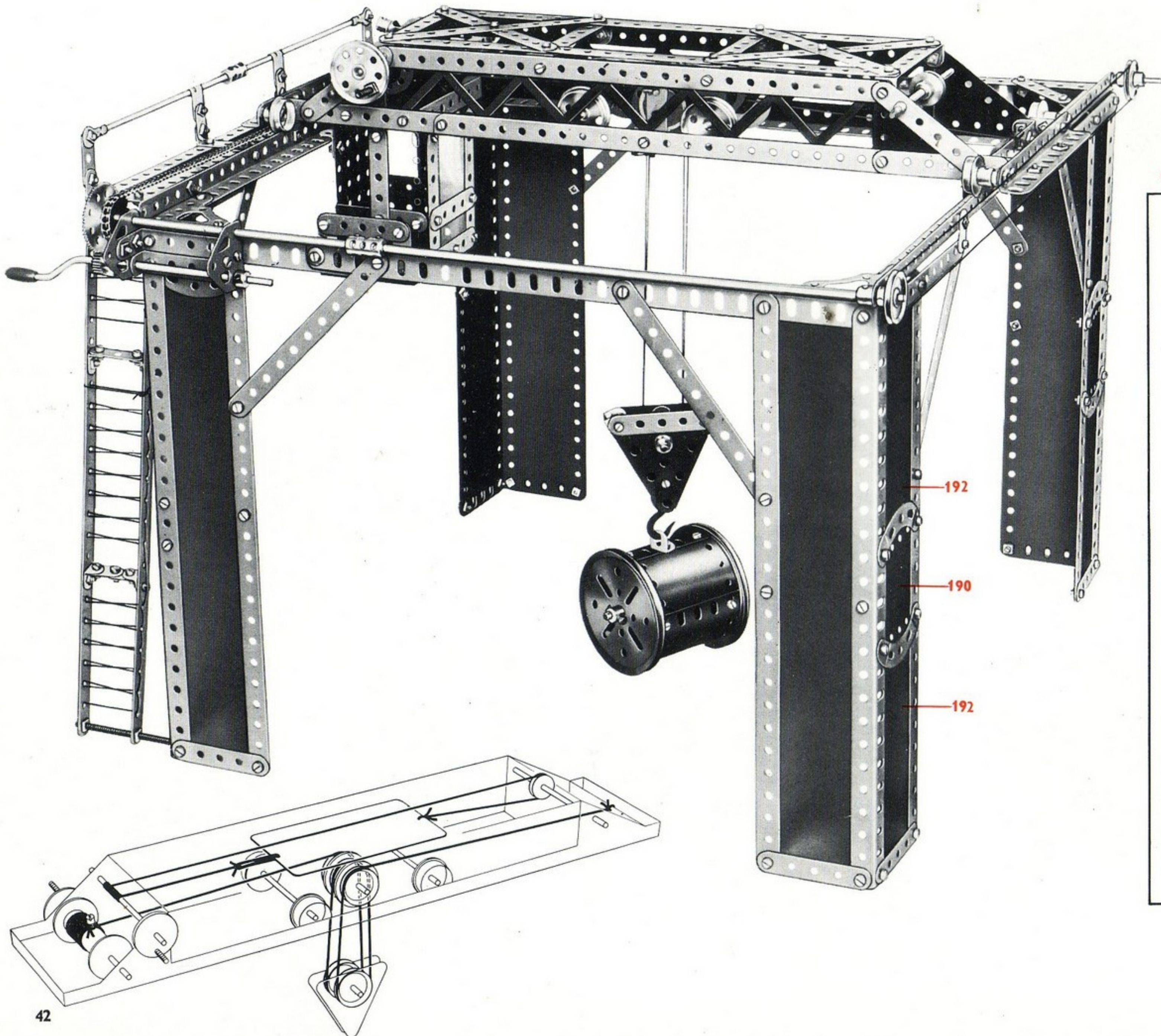
9.14

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



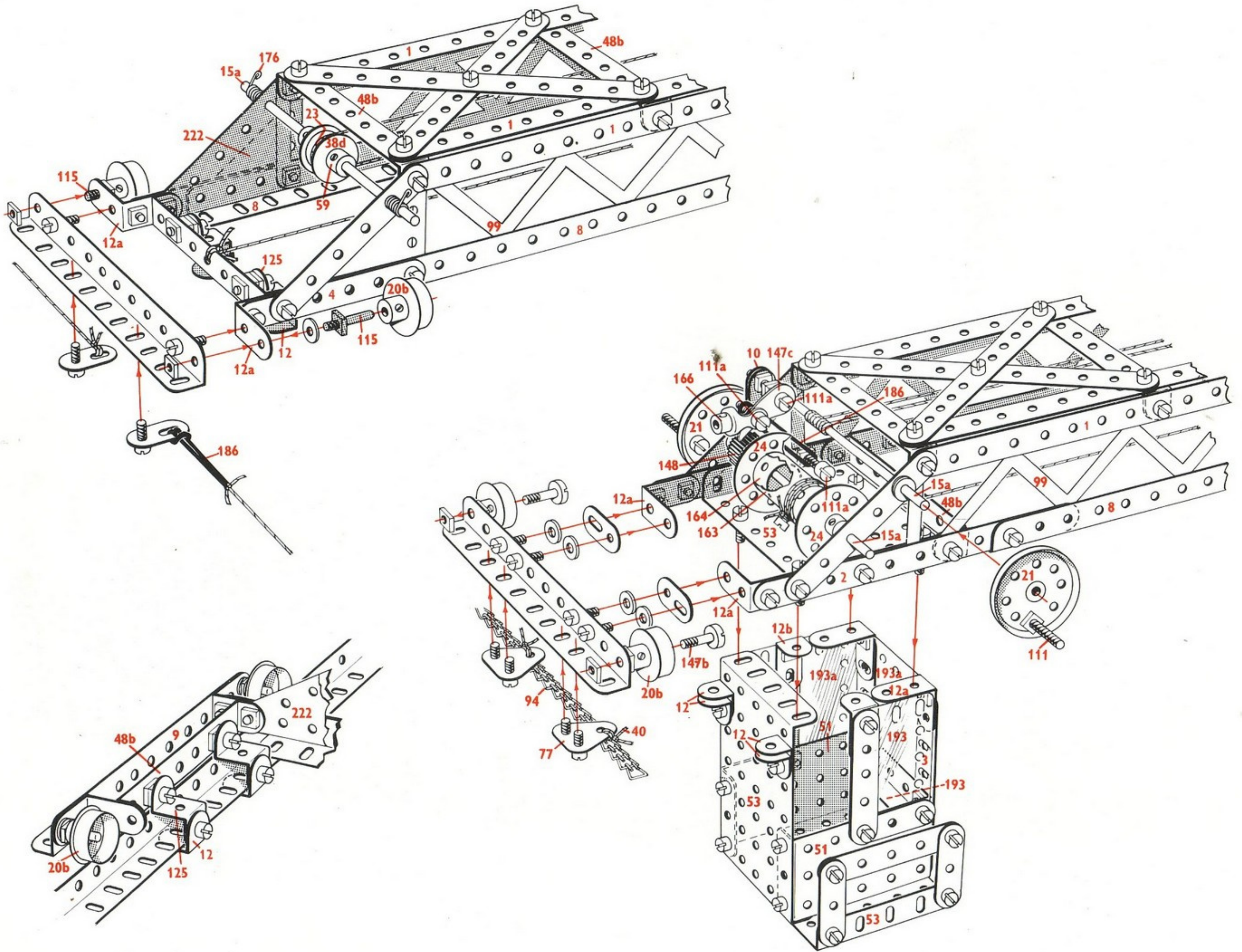


9.15 Pont roulant



9.15

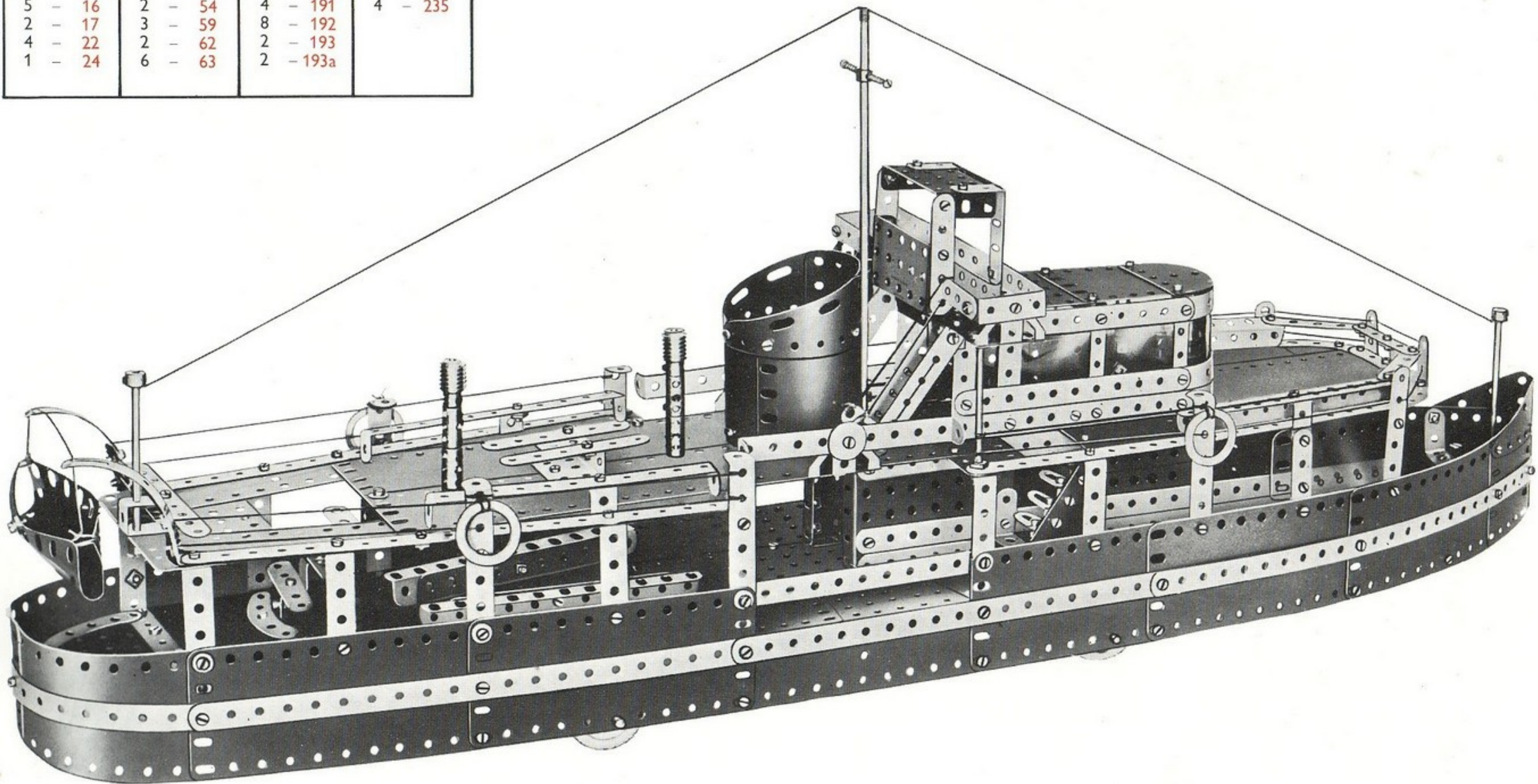
14	-	1	1	-	52
20	-	2	4	-	53
6	-	2a	1	-	53a
2	-	3	1	-	57b
4	-	4	10	-	59
18	-	5	1	-	62
2	-	6	4	-	63
4	-	6a	2	-	77
2	-	7a	1	-	80c
8	-	8	5	-	90a
4	-	9	1	-	94
16	-	10	2	-	96
2	-	11	2	-	100
18	-	12	2	-	108
4	-	12a	3	-	111
1	-	13	3	-	111a
3	-	14	4	-	111c
3	-	15a	2	-	115
1	-	16	2	-	125
1	-	18a	4	-	126
2	-	19b	2	-	126a
1	-	19s	2	-	147b
4	-	20	1	-	147c
4	-	20b	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

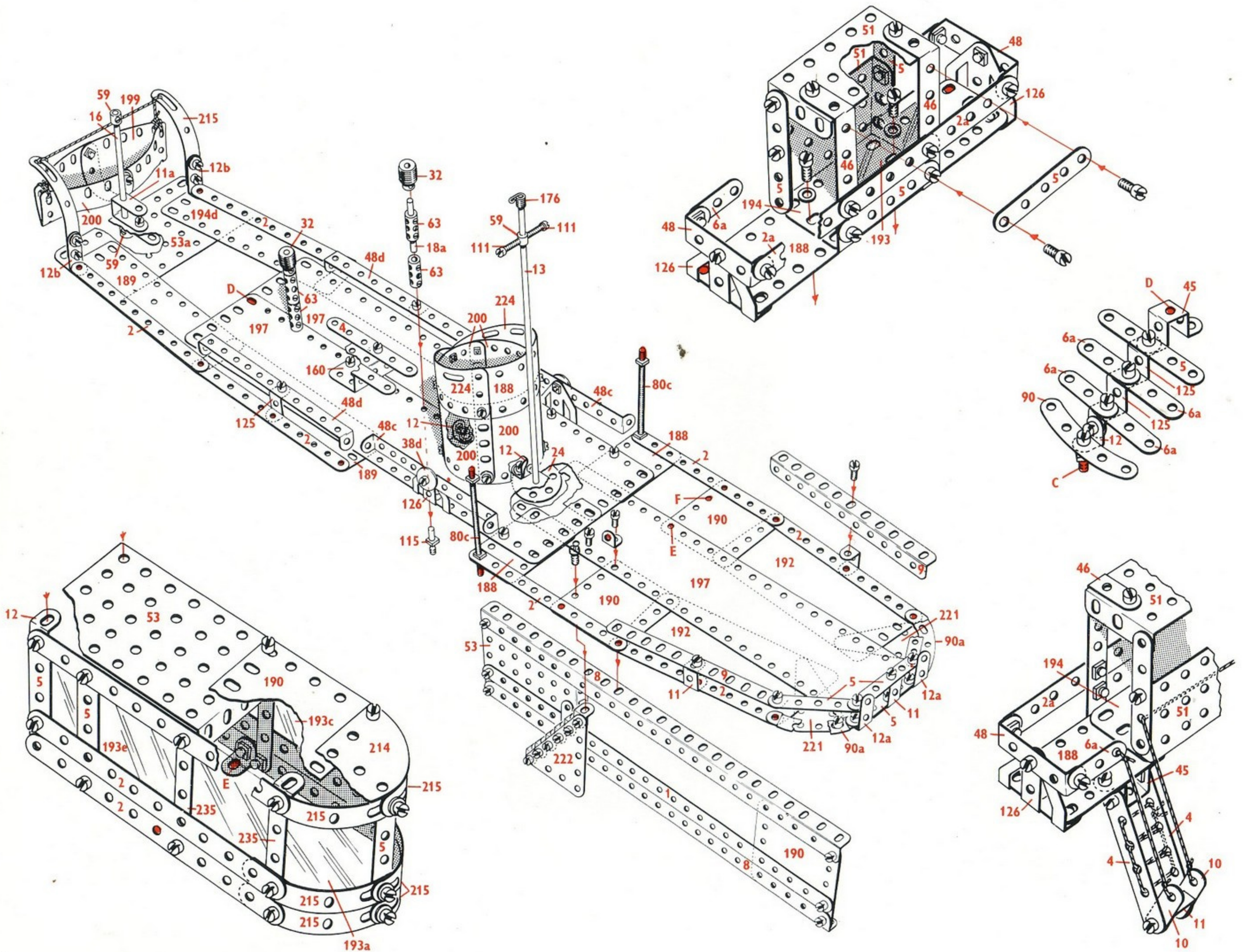


9.16 Ferry boat

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	



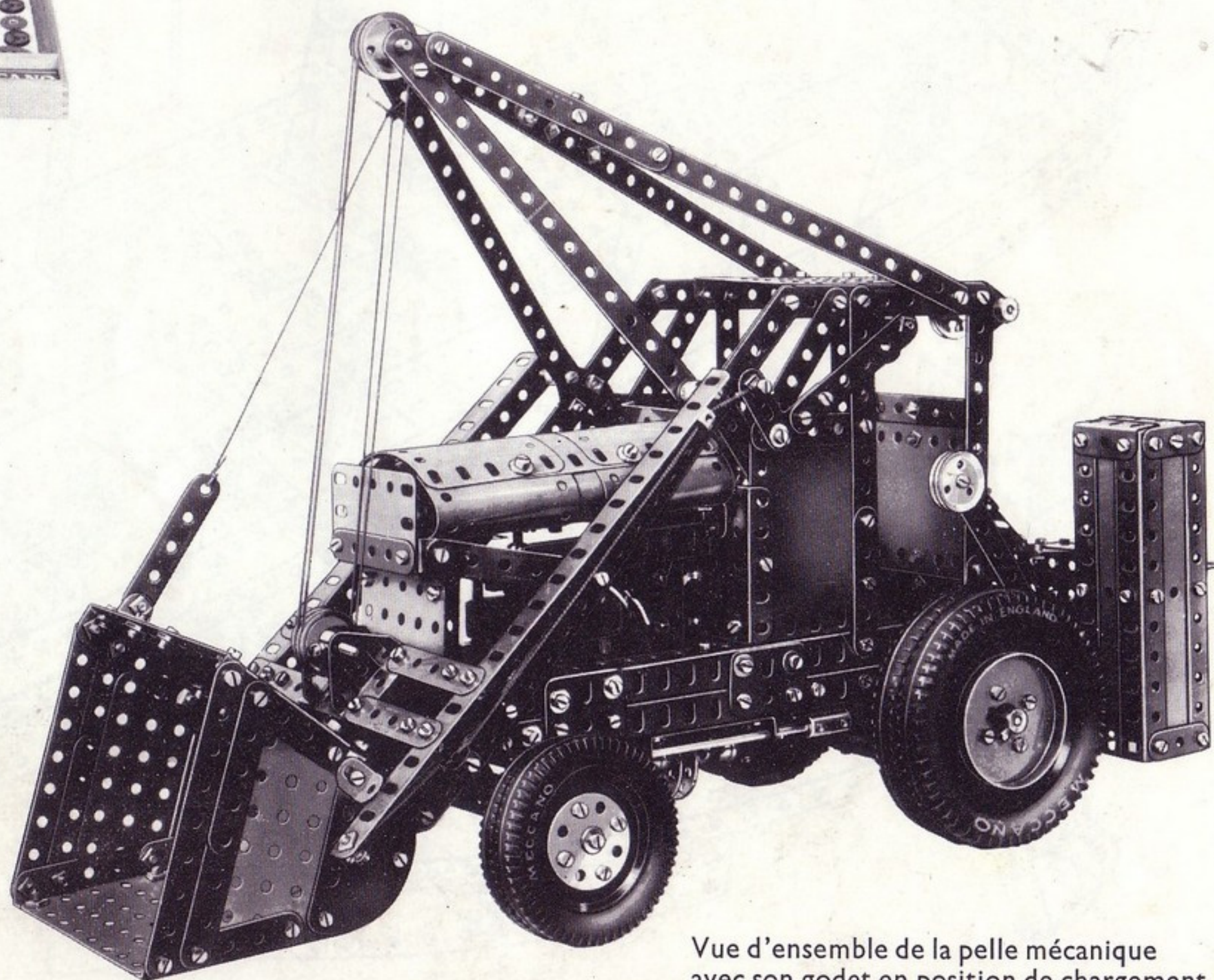


PELLE MECANIQUE REALISEE AVEC LE COFFRET No 10

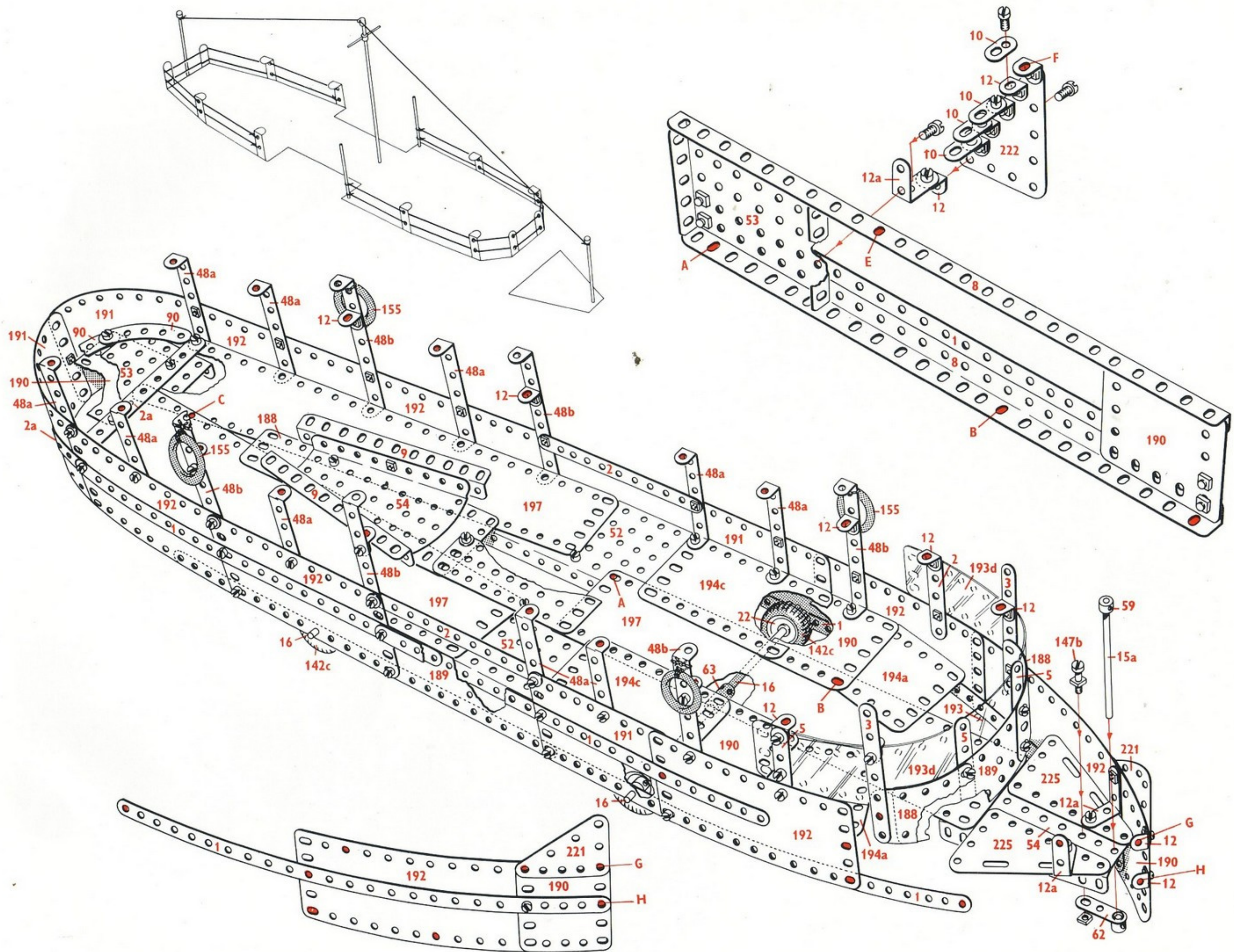


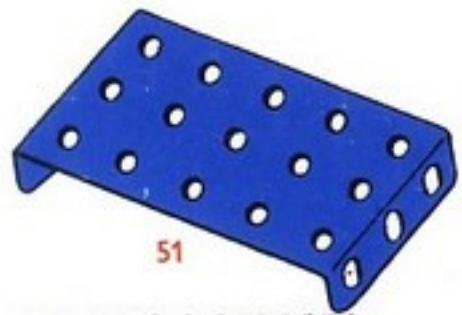
Le coffret No. 10, le plus grand du système MECCANO, est présenté dans ce magnifique coffret façon chêne.

Cette parfaite reproduction est celle d'une pelle mécanique utilisée sur les chantiers où de grosses masses de terre ou de gravats doivent être chargées dans des bennes pour évacuation. Ce modèle est animé par un moteur électrique Meccano E 15 R qui entraîne les roues par l'intermédiaire d'un différentiel. Les mouvements de levage et de déchargement de la pelle sont commandés depuis la cabine et le treuil de levage possède un frein automatique.



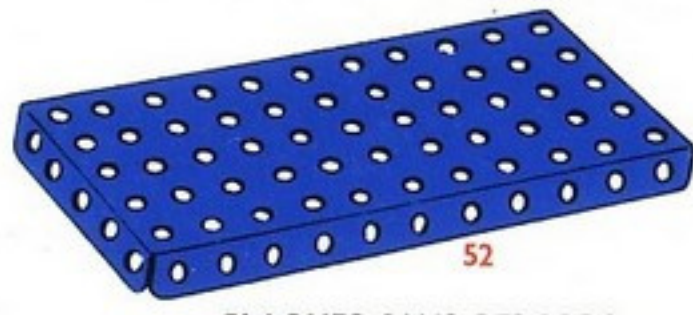
Vue d'ensemble de la pelle mécanique avec son godet en position de chargement.





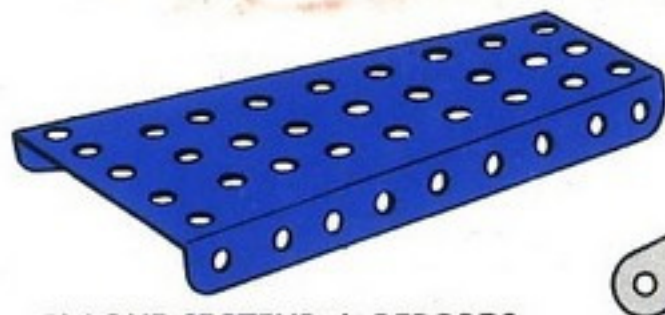
51

PLAQUES A REBORDS
51 - 6 x 4 cm
52 - 14 x 6 cm
53 - 9 x 6 cm



52

PLAQUES SANS REBORDS
52a - 14 x 9 cm
53a - 11,5 x 6 cm



54 - 112 mm

PLAQUE SECTEUR A REBORDS



BANDES GLISSIERES
55 - Long. 14 cm
55a - Long. 5 cm



CROCHET LESTÉ
57b



CROCHET LESTÉ
57c



CROCHET
57d (petit)



CORDE ELASTIQUE METALLIQUE
58 - 1 mètre



BAGUE D'ARRET
59



AILE DE MOULIN
61



BRAS DE MANIVELLE
62

BRAS DE MANIVELLE TARAUDE
62a



BRAS DE MANIVELLE DOUBLE
62b



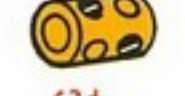
ACCOUPEMENT POUR TRINGLES
63



ACCOUPEMENT TARAUDE
63c



ACCOUPEMENT DE BANDES SUR TRINGLES
63b



ACCOUPEMENT COURT
63d



RACCORD TARAUDE
64

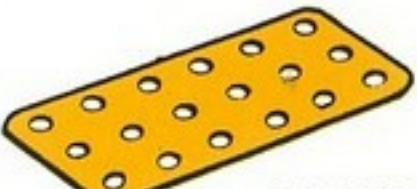


FOURCHETTE DE CENTRAGE
65

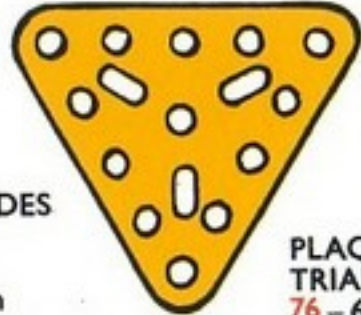


VIS D'ARRET
69 - 4 mm

VIS SANS TETE
69a - 4 mm
69b - 5,5 mm
69c - 2 mm



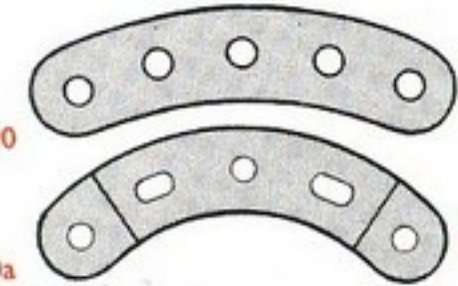
PLAQUES RIGIDES
70 - 14 x 6 cm
72 - 6 x 6 cm
73 - 75 x 38 mm
74 - 38 x 38 mm



PLAQUES TRIANGULAIRES
76 - 6 cm de côté
77 - 25 mm de côté



TIGES FILETES
78 - Long. 29 cm
79 - Long. 20 cm
79a - Long. 15 cm
80 - Long. 12,5 cm
80a - Long. 9 cm
80b - Long. 11,5 cm
80c - Long. 7,5 cm
81 - Long. 5 cm
82 - Long. 2,5 cm



BANDES INCURVEES
89 - Long. 14 cm
90 - Long. 6 cm

BANDES INCURVEES EPAULEES
89a - Long. 75 mm, (4 forment un cercle)
89b - Long. 10 cm
90a - Long. 6 cm, (4 forment un cercle)



CHAINE GALLE
94 - 1 m environ



ROUES DE CHAINE
95 - 36 dents, diam. 50 mm
95a - 38 dents, diam. 38 mm
95b - 56 dents, diam. 75 mm
96 - 18 dents, diam. 25 mm
96a - 14 dents, diam. 19 mm

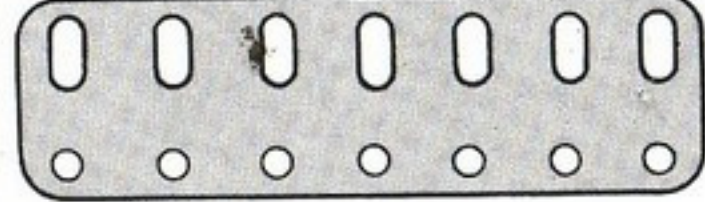


LISSE POUR METIER A TISSER
101

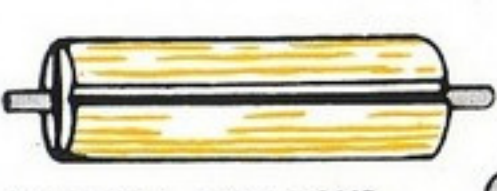


BANDE A UN COUDE
102

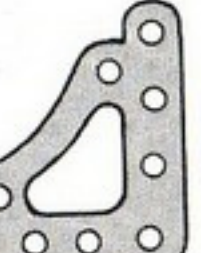
LONGRINES
97 - Long. 9 cm
99 - Long. 32 cm
99a - Long. 24 cm
99b - Long. 19 cm
100 - Long. 14 cm
100a - Long. 11,5 cm



POUTRELLES PLATES
103 - Long. 14 cm
103a - Long. 24 cm
103b - Long. 32 cm
103c - Long. 11,5 cm
103d - Long. 9 cm
103e - Long. 7,5 cm
103f - Long. 6 cm
103g - Long. 5 cm
103h - Long. 4 cm
103k - Long. 19 cm



ROULEAU BOIS POUR METIER A TISSER
106



EQUERRE D'ASSEMBLAGE
108



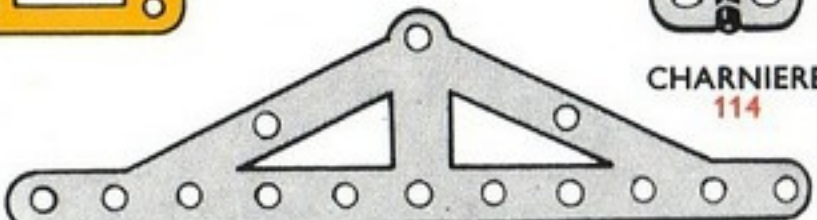
PLATEAU CENTRAL
109 - diam. 6 cm



CREMAILLIERES
110 - Long. 9 cm
110a - Long. 16 cm



BOULONS
111 - Long. 19 mm
111a - Long. 12 mm
111c - Long. 9,5 mm
111d - Long. 28 mm



POUTRELLE TRIANGLEE
113



CHARNIERE
114



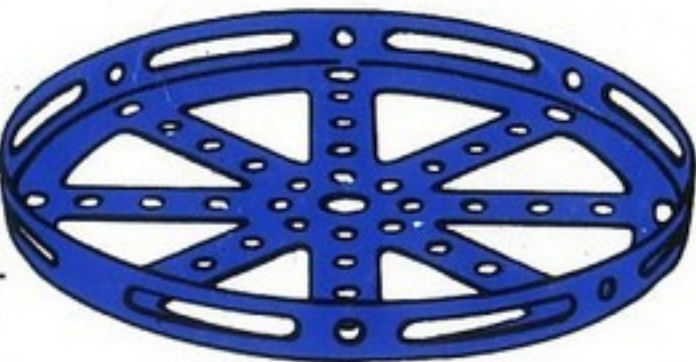
CHEVILLES FILETES
115 - 15 mm
115a - 34 mm



CHAPE
116



CHAPE D'ARTICULATION
116a



FLASQUE CIRCULAIRE A REBORD
118 - diam. 13,5 cm



RESSORT DE COMPRESSION
120b - 14 mm



SAC CHARGE
122



POULIE A CONE
123 - 32 x 25 x 19 mm



EQUERRES RENVERSEES
124 - 25 mm
125 - 12 mm



EMBASE TRIANGLEE COUDEE
126



EMBASE TRIANGLEE PLATE
126a



LEVIER D'ANGLE AVEC MOYEU
128



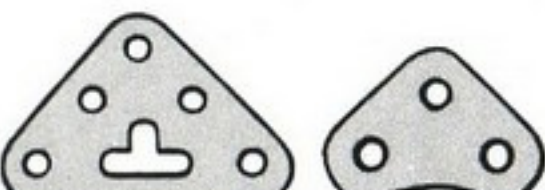
EXCENTRIQUE A 3 COURSES
130 - 6 x 9 x 12 mm



EXCENTRIQUE COURSE 6 MM
130a - 6 mm



CAME
131



GOUSSETS D'ASSEMBLAGE
133 - (grand) 38 mm
133a - (petit) 25 mm



VILEBREQUIN COURSE 25 mm
134



SUPPORT DE RAMPE
136



SUPPORT DE RAMPE AVEC COLLIER
136a



BOUDIN DE ROUE
137



CHEMINEE DE NAVIRE
138



SUPPORT A REBORD
139 - (droit)
139a - (gauche)



ACCOUPEMENT UNIVERSEL
140



PNEUS D'AUTOMOBILE
142a - Diam. 5 cm
142b - Diam. 7,5 cm
142c - Diam. 25 mm
142d - Diam. 38 mm



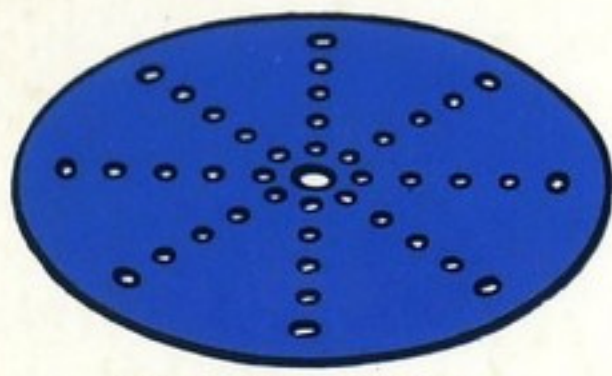
LONGRINE CIRCULAIRE
143 - diam. 14 cm



EMBRAYAGE
144



BANDE CIRCULAIRE
145 - Diam. ext. 18 cm



PLAQUES CIRCULAIRES
146 - Diam. 15 cm
146a - Diam. 10 cm



CLIQUET A MOYEU AVEC BOULON-PIVOT ET ECROUS
147



BOULON PIVOT A DEUX ECROUS
147b



ROUE A ROCHET
148



PALANS
151 - Palan à 1 poulie
153 - Palan à 3 poulies



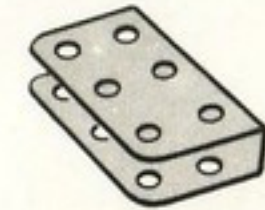
EQUERRE D'ANGLE
154a - 12 mm (droit)
154b - 12 mm (gauche)



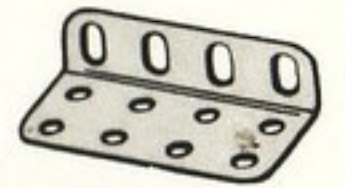
ANNEAU DE CAOUTCHOUC
155 - 25 mm



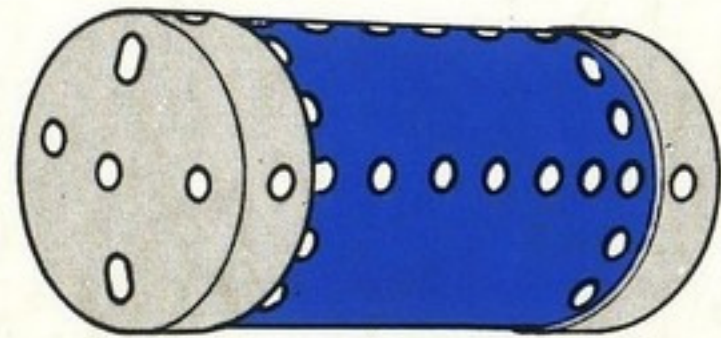
TURBINE
157 - Diam. 5 cm



SUPPORT EN U
160 - 38 x 25 x 13 mm



EQUERRE CORNIERE
161 - 50 x 25 x 13 mm



CHAUDIERE COMPLETE AVEC JOUES
162 - 12,5 x 5 cm
162a - JOUE DE CHAUDIERE 50 x 19 mm
162b - CORPS DE CHAUDIERE



MANCHON
163 - 38 x 17 mm



ACCOUPEMENT A CARDAN
165



CHAPE D'ARTICULATION
166



PIGNON A GRANDES DENTS POUR SECTEUR
167c



COURONNE A REBORD POUR ROULEMENT A GALETS
167b - Diam. 25 cm



168 - ROULEMENT A BILLES COMPLET
168a - PLATEAU A REBORD DE ROULEMENT A BILLES
168b - PLATEAU A DENTURE DE ROULEMENT A BILLES
168c - ANNEAU MONTE AVEC BILLES



SUPPORT DE CHEMINEE
164 - 16 x 12 mm



BILLE
168d - diam. 9,5 mm



COLLIER TARAUDE A CHEVILLE
173a



COLLIER AVEC TIGE FILETEE
179



COURONNE A DOUBLE DENTURE
180 - diam. 9 cm



VOLANTS D'AUTOMOBILE
185 - 45 mm
185a - 60 mm



COURROIES DE TRANSMISSION
186 - 65 mm, lég.
186a - 15 cm, lég.
186b - 25 cm, lég.
186c - 25 cm épaisse
186d - 38 cm épaisse
186e - 50 cm épaisse



ROUES D'AUTO
187 - 60 mm
187b - 108 mm



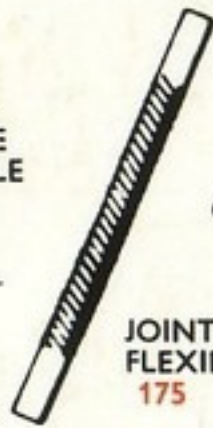
FLASQUE DE ROUE
187a - 47 mm



ACCOUPEMENT JUMELE A DOUILLE
171



RESSORT D'ATTACHE POUR CORDE MECCANO
176



JOINT FLEXIBLE
175

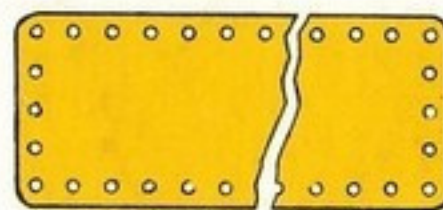


PLAQUES FLEXIBLES
188 - 6 x 4 cm
189 - 14 x 4 cm
190 - 6 x 6 cm
190a - 9 x 6 cm
191 - 11,5 x 6 cm
192 - 14 x 6 cm

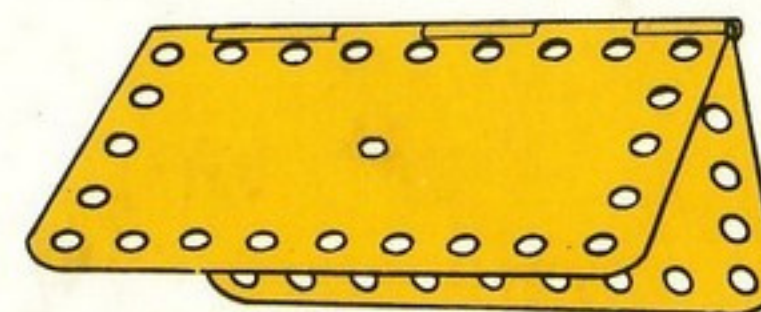
PLAQUES TRANSPARENTES
193 - 6 x 4 cm
193a - 6 x 6 cm

193b - 9 x 6 cm
193c - 11,5 x 6 cm
193d - 14 x 4 cm
193e - 14 x 6 cm

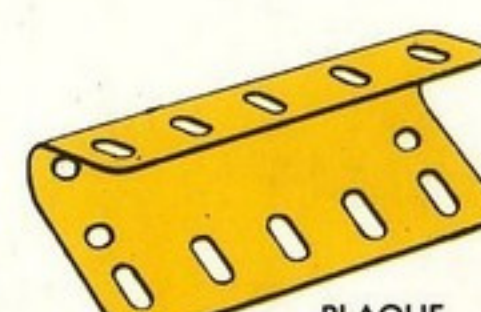
PLAQUES PLASTIQUES BLEUES
194 - 6 x 4 cm
194a - 6 x 6 cm
194b - 9 x 6 cm
194c - 11,5 x 6 cm
194d - 14 x 4 cm
194e - 14 x 6 cm



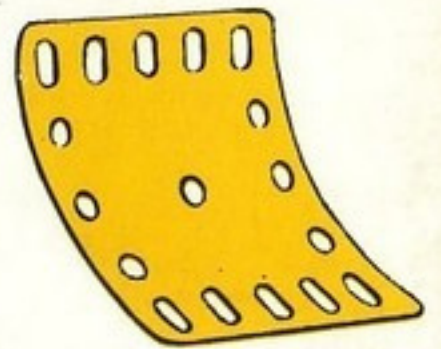
PLAQUES-BANDES
195 - 19 x 6 cm
196 - 24 x 6 cm
197 - 32 x 6 cm



PLAQUE A CHARNIERE
198 - 11,5 x 6 cm

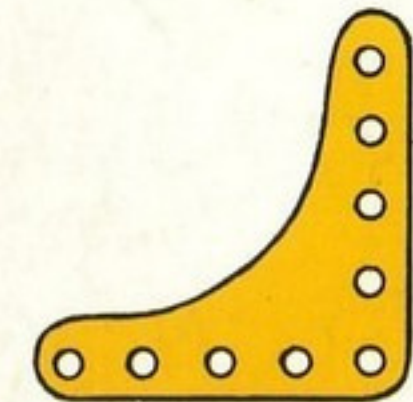


PLAQUE CINTREE EN "U"
199 - 60 x 60 x 7 mm



PLAQUE CINTREE
200 - Rayon 43 mm

BANDE CINTREE A GLISSIERES
215 - 75 mm



PLAQUE GOUSSET FLEXIBLE
201 - 60 x 60 mm



PIGNON ET ROUE HELICOIDIAUX
211a - Diam. 14 mm
211b - Diam. 35 mm

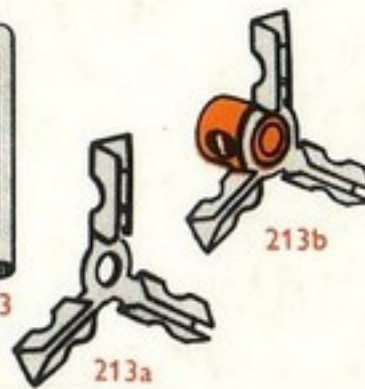


RACCORD TRINGLE ET BANDE
212a

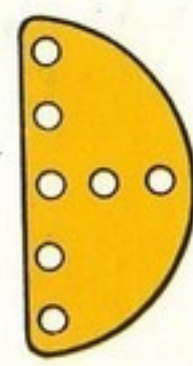
RACCORD TRINGLE ET BANDE A ANGLE DROIT
212a



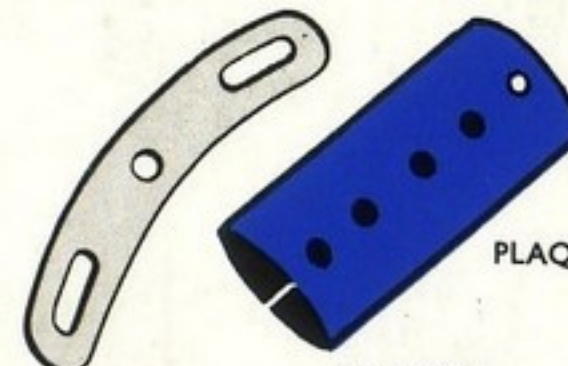
213



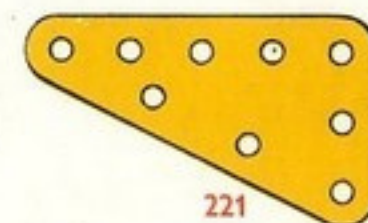
RACCORD TRINGLES
213a RACCORD DE TRINGLES TRIPLE
213b RACCORD DE TRINGLES TRIPLE A MOYEU



PLAQUE SEMI-CIRCULAIRE
214 - 65 mm

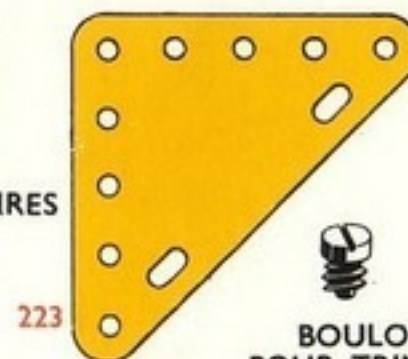


CYLINDRE
216 - 6 x 3 cm



221

PLAQUES FLEXIBLES TRIANGULAIRES
221 - 6 x 4 cm
222 - 6 x 5 cm
223 - 6 x 6 cm
224 - 9 x 4 cm
225 - 9 x 5 cm
226 - 9 x 6 cm



223

BOULON POUR TRINGLE A CANNELURE
231



TRINGLE A CANNELURE
230 10 cm

BANDES ETROITES
235 - 5 trous 60 mm x 9 mm
235a - 6 trous 75 mm x 9 mm
235b - 7 trous 90 mm x 9 mm
235d - 9 trous 115 mm x 9 mm
235f - 11 trous 140 mm x 9 mm