

**9.7 Robot Man**

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From a mechanical point of view the model is of particular interest in that it provides an excellent illustration of how a single power source can be harnessed by means of gear and chain drives and the use of cranks and levers, to operate no less than five separate but synchronized reciprocal motions.

**How to use this leaflet**

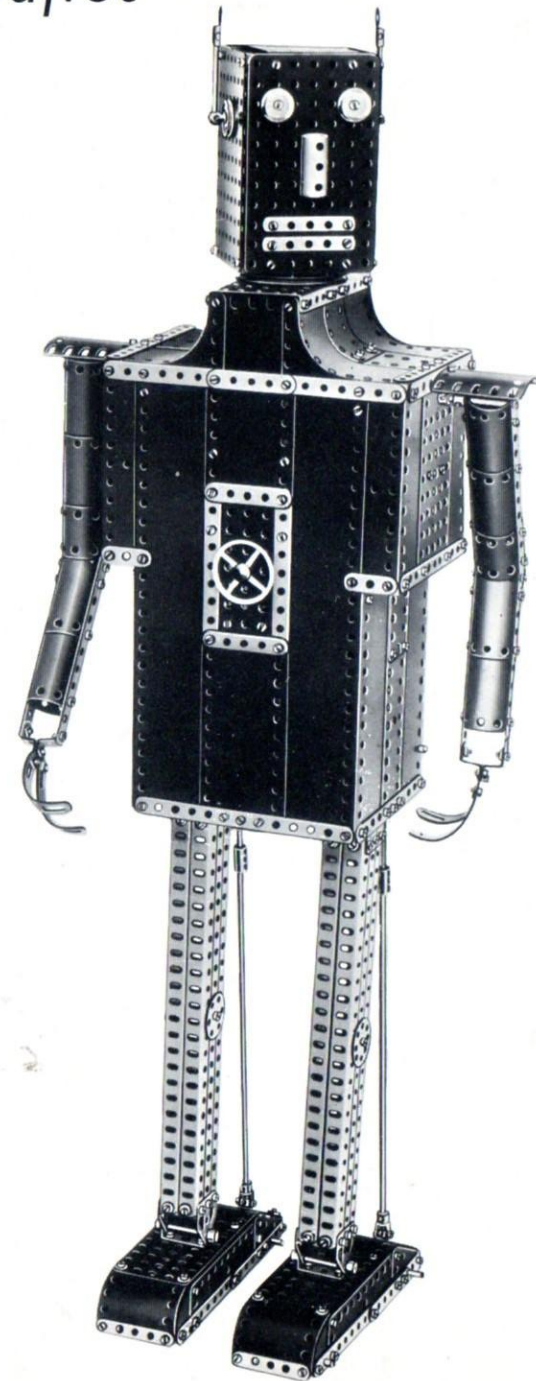
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Before starting to build the model it is advisable to study all the illustrations carefully so as to get a good idea of its various sections. Points at which various units of the model are bolted together to form the complete structure are indicated in the drawings by RED DOTS or RED BOLTHEADS whenever possible.

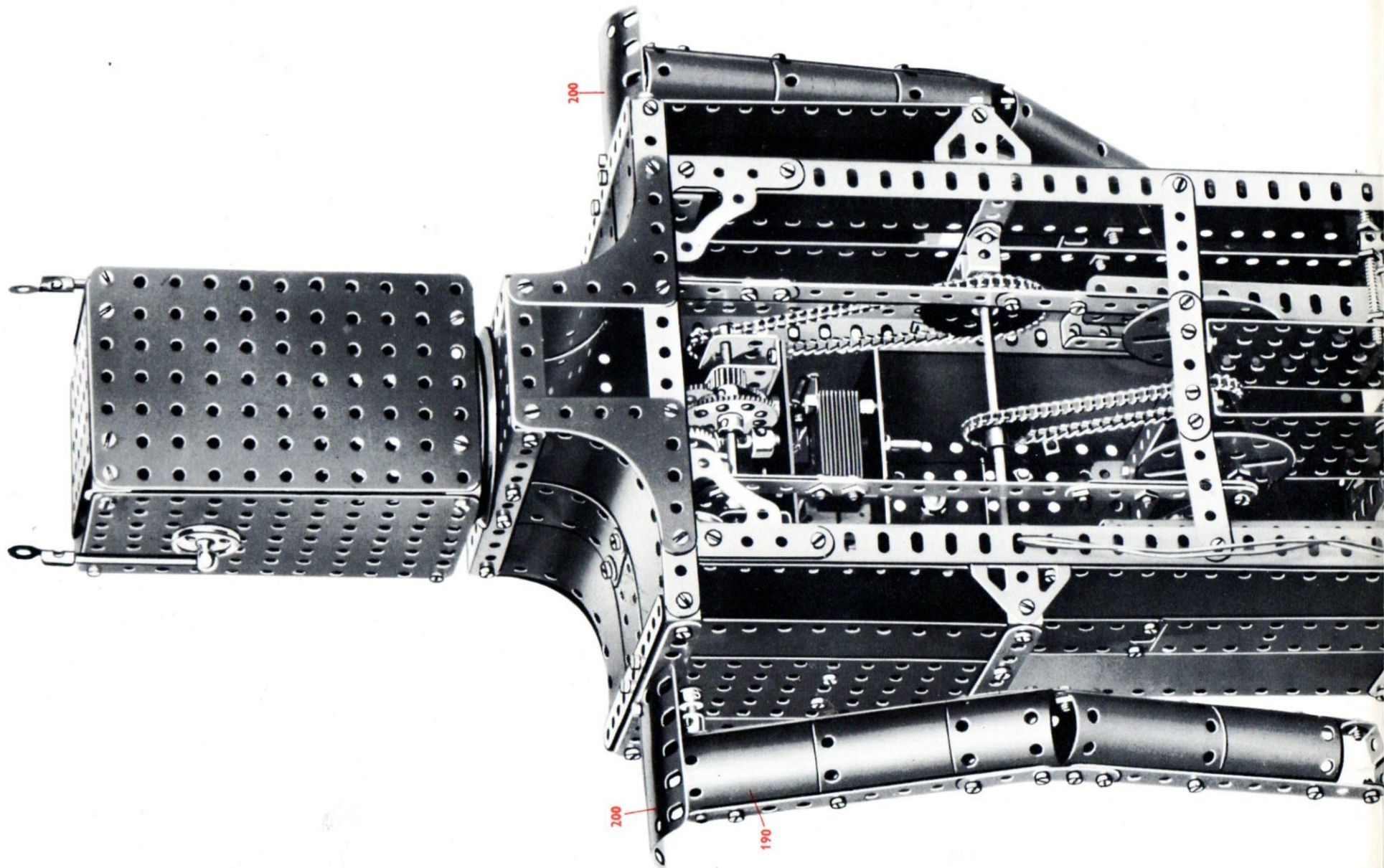
The particular parts used in the assembly of the model can in most cases be identified simply by looking at the illustrations, but where the identity of a part may not be quite clear, its Part Number is printed on the model illustrations in RED. RED DOTTED pointer lines are used to indicate parts that are hidden behind other parts of the structure.

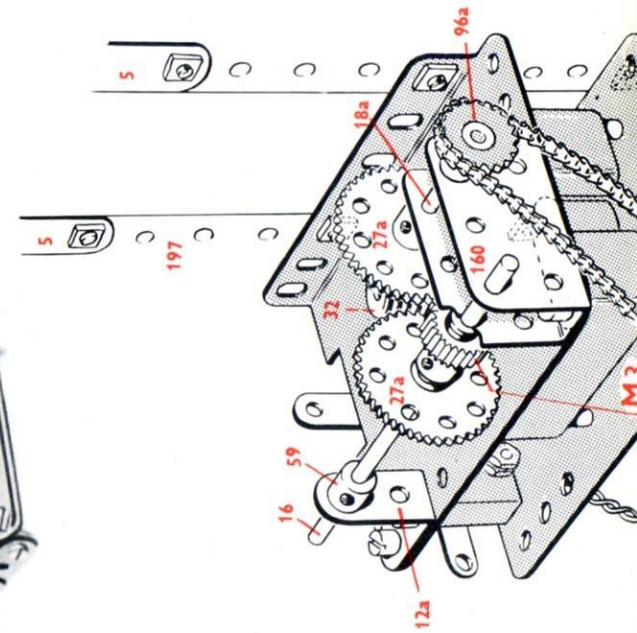
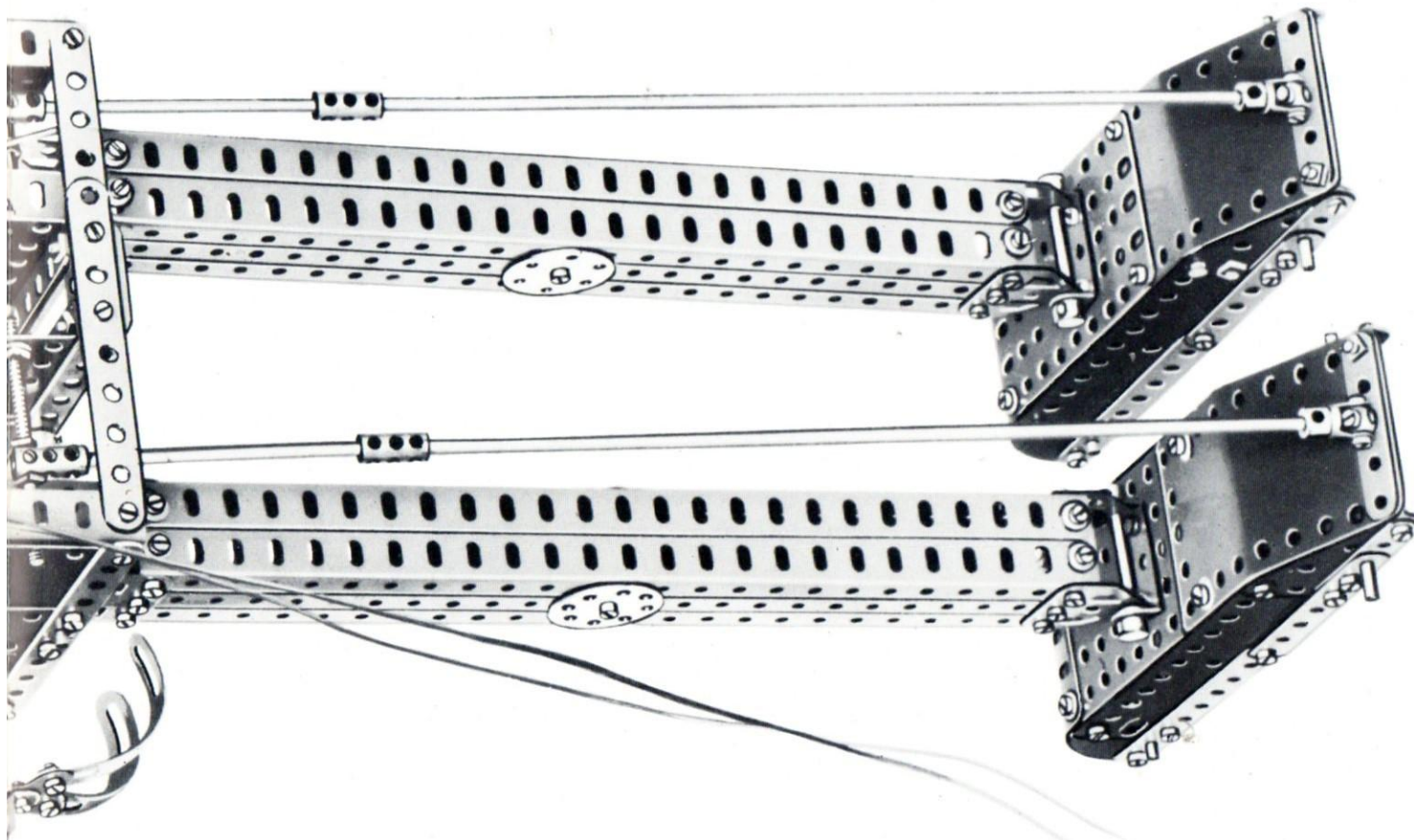
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In models fitted with a driving Motor the particular type of Motor is indicated by one of the following Code Marks: M1 = Magic Clockwork Motor; M2 = No. 1 Clockwork Motor; M3 = Meccano Electric Motor.



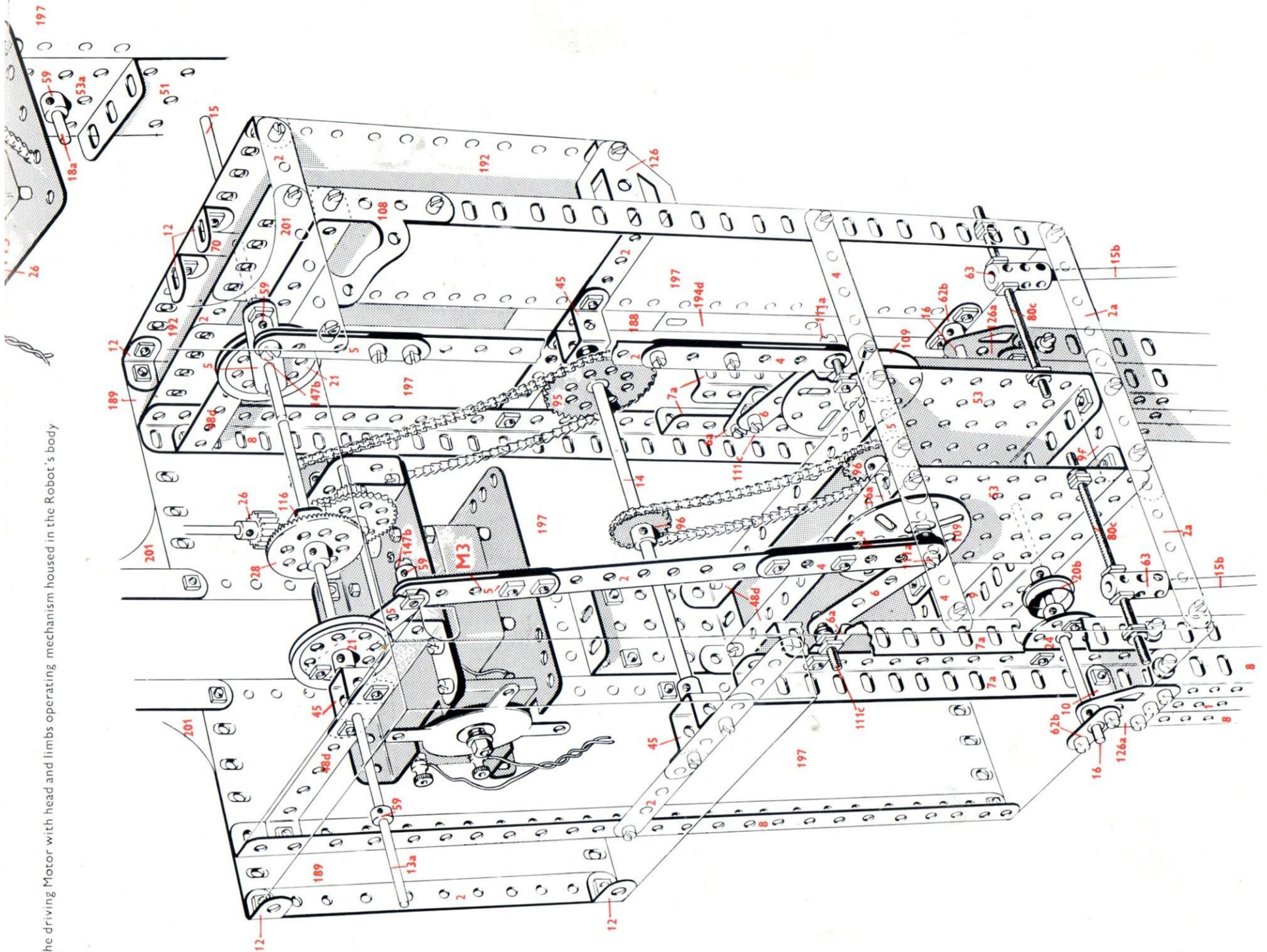




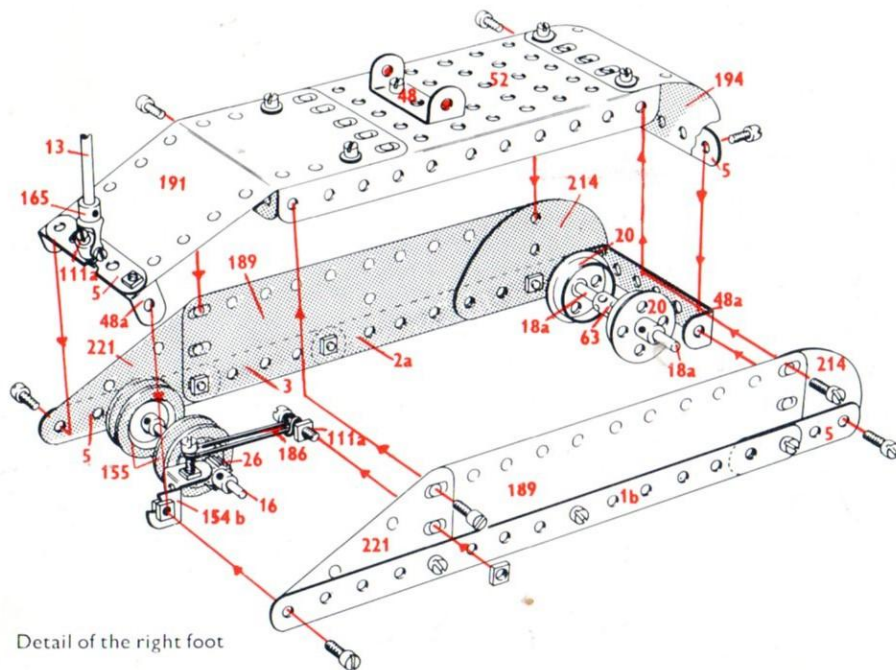




The driving Motor with head and limbs operating mechanism housed in the Robot's body



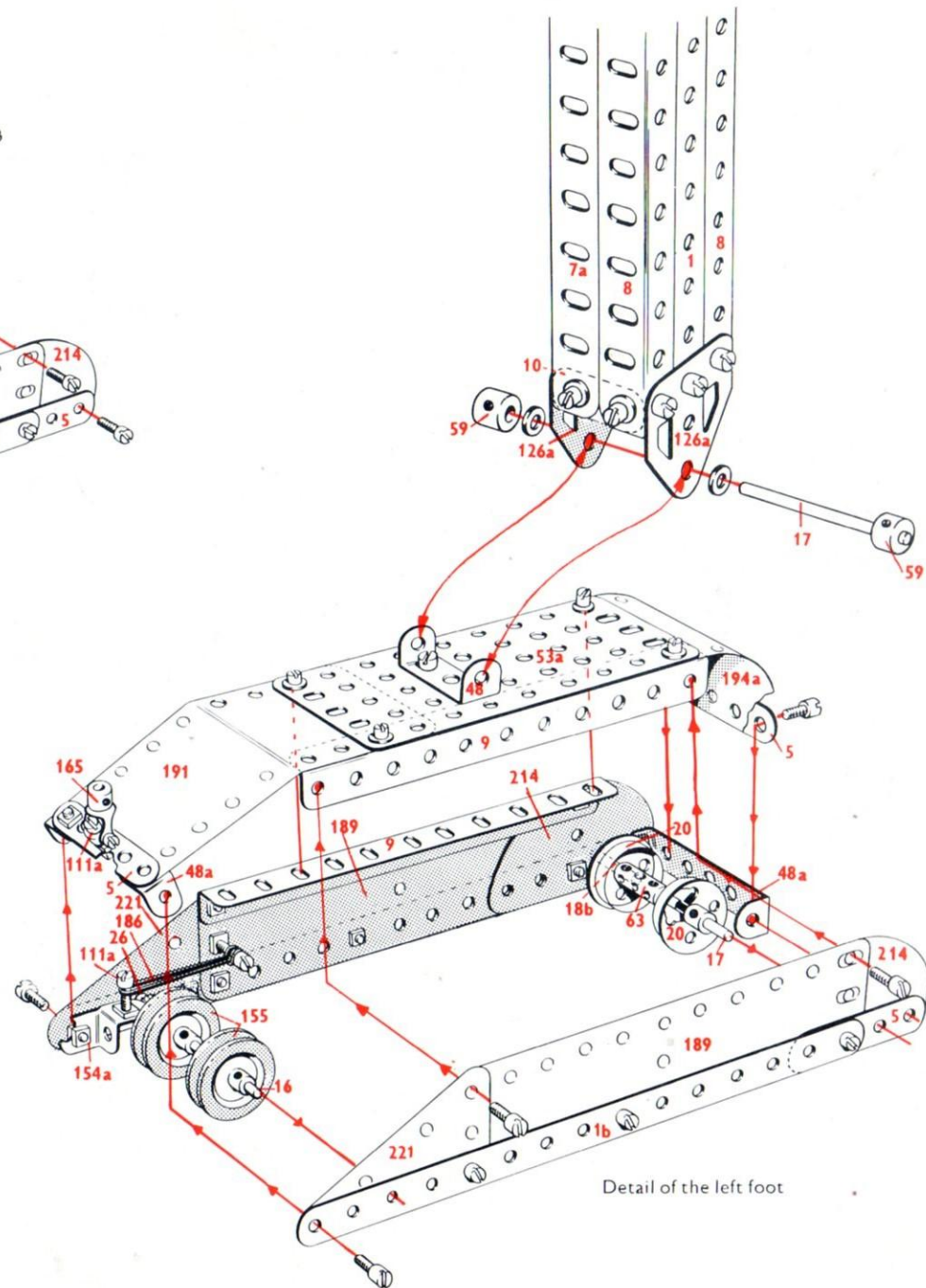




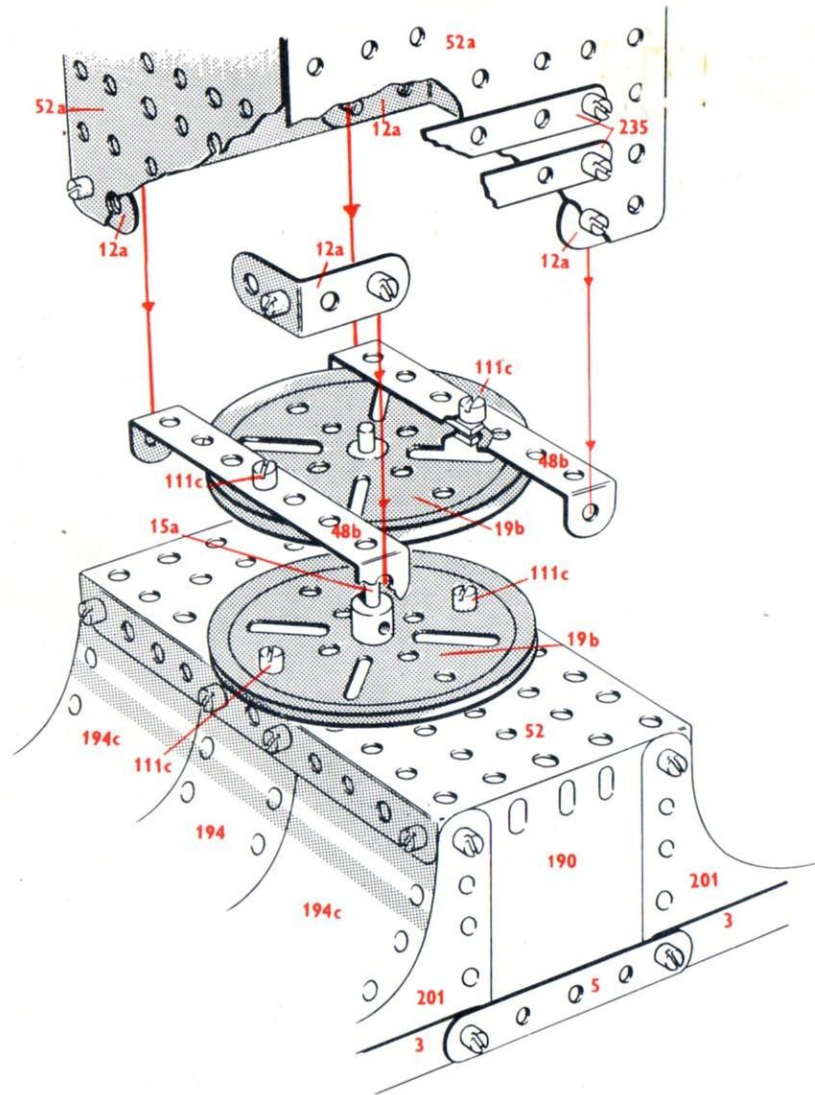
Detail of the right foot

9.7

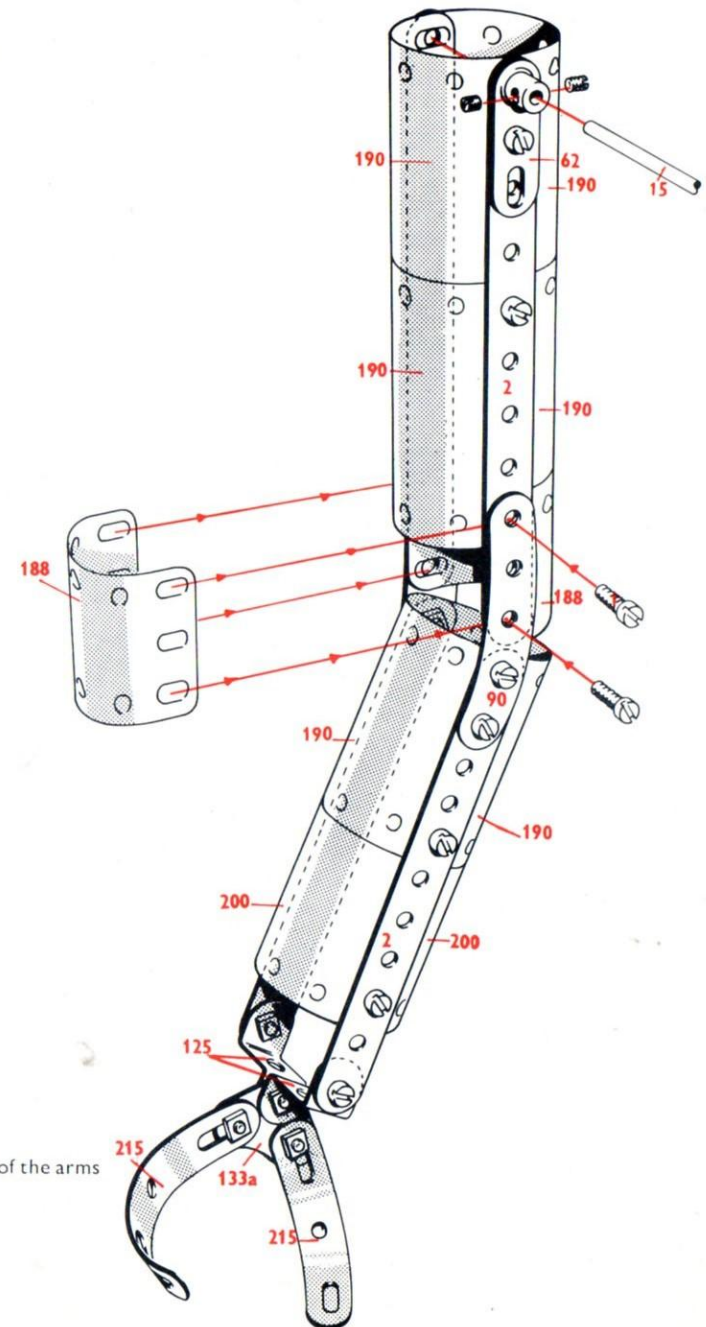
4	-	1	2	-	18a	4	-	52a	1	-	154b
2	-	1b	1	-	18b	3	-	53	4	-	155
24	-	2	2	-	19b	2	-	53a	1	-	160
6	-	2a	4	-	20	10	-	59	1	-	163
6	-	3	4	-	20b	2	-	62	1	-	164
6	-	4	2	-	21	2	-	62b	2	-	165
24	-	5	4	-	22	6	-	63	1	-	185
2	-	6	2	-	22a	2	-	80c	2	-	186
4	-	6a	2	-	24	4	-	90	6	-	188
4	-	7a	2	-	24a	1	-	94	6	-	189
8	-	8	2	-	24c	1	-	95	12	-	190
4	-	9	4	-	26	2	-	96	2	-	191
2	-	9f	2	-	27a	1	-	96a	6	-	192
12	-	10	1	-	28	2	-	108	4	-	194
14	-	12	1	-	32	2	-	109	2	-	194a
5	-	12a	3	-	35	2	-	111	4	-	194c
2	-	12b	337	-	37a	6	-	111a	6	-	197
2	-	13	303	-	37b	4	-	111c	1	-	199
1	-	13a	33	-	38	1	-	116	6	-	200
1	-	14	3	-	45	4	-	125	4	-	201
1	-	15	2	-	48	2	-	126	2	-	212
1	-	15a	4	-	48a	6	-	126a	4	-	214
2	-	15b	2	-	48b	2	-	133a	4	-	215
5	-	16	4	-	48d	2	-	136	4	-	221
3	-	16a	1	-	51	2	-	147b	2	-	235
2	-	17	2	-	52	1	-	154a			



Detail of the left foot



Shoulders of the Robot showing bearing on which the head swivels



One of the arms



Detail of the right foot

Detail of the left foot

9.7	4	1	2	18a	4	52a	1	154b
	2	1b	1	18b	3	53	4	155
	24	2	2	19b	2	53a	1	160
	6	2a	4	20	10	59	1	163
	6	3	4	20b	2	62	1	164
	6	4	2	21	2	62b	2	165
	24	5	4	22	6	63	1	185
	2	6	2	22a	2	80c	2	186
	4	6a	2	24	4	90	6	188
	4	7a	2	24a	1	94	6	189
	8	8	2	24c	1	95	12	190
	4	9	4	26	2	96	2	191
	2	9f	2	27a	1	96a	6	192
	12	10	1	28	2	108	4	194
	14	12	1	32	2	109	2	194a
	5	12a	3	35	2	111	4	194c
	2	12b	337	37a	6	111a	6	197
	2	13	303	37b	4	111c	1	199
	1	13a	33	38	1	116	6	200
	1	14	3	45	4	125	4	201
	1	15	2	48	2	126	2	212
	1	15a	4	48a	6	126a	4	214
	2	15b	2	48b	2	133a	4	215
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Shoulders of the Robot showing bearing on which the head swivels

One of the arms

# MECCANO

## Special Model Leaflet

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This model can be built with Meccano Outfit No. 9



