

**10.27 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.

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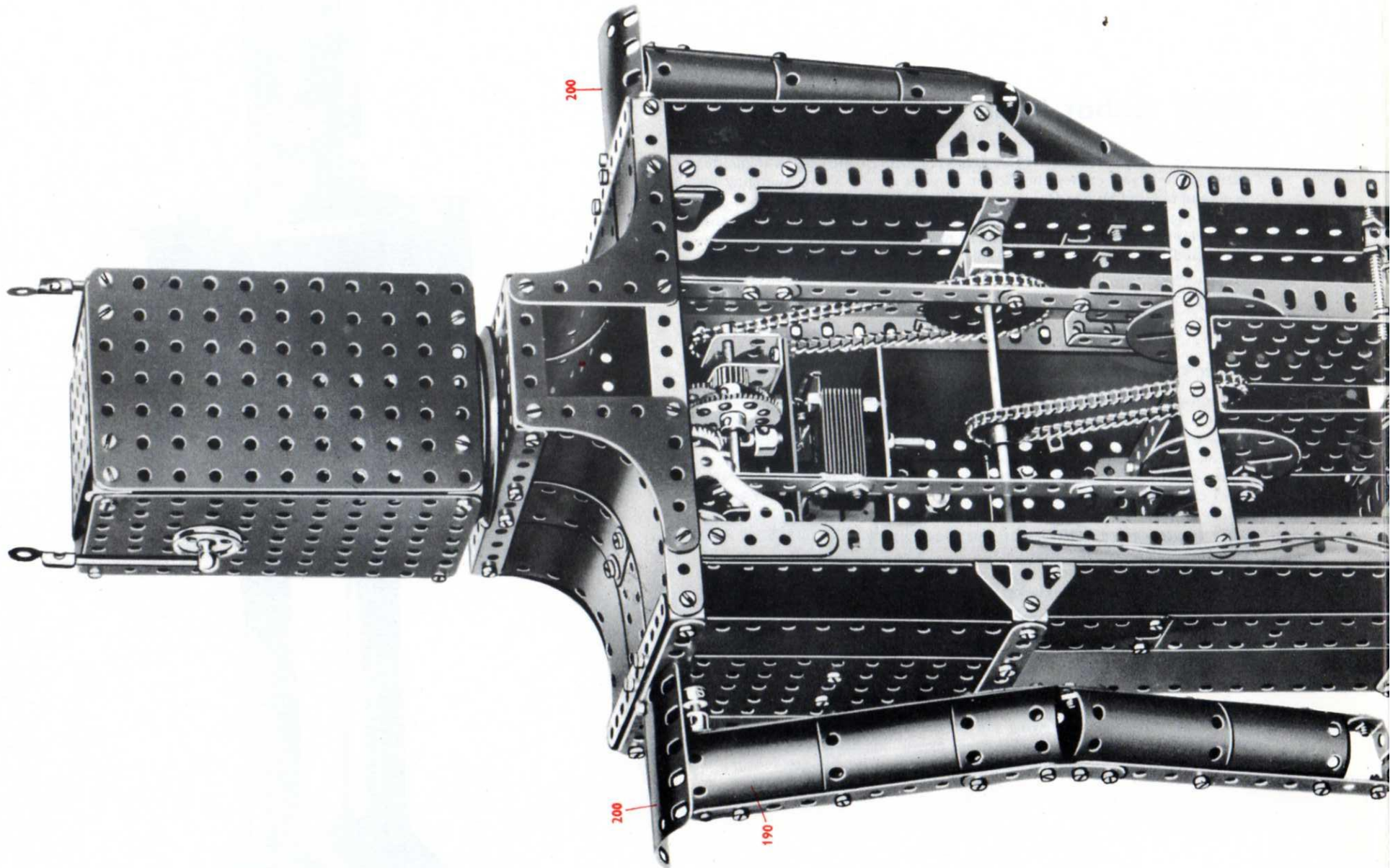
Before starting to build the model it is advisable to study all the illustrations carefully so as to get a good idea of its various sections. Points at which various units of the model are bolted together to form the complete structure are indicated in the drawings by RED DOTS or RED BOLT HEADS whenever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

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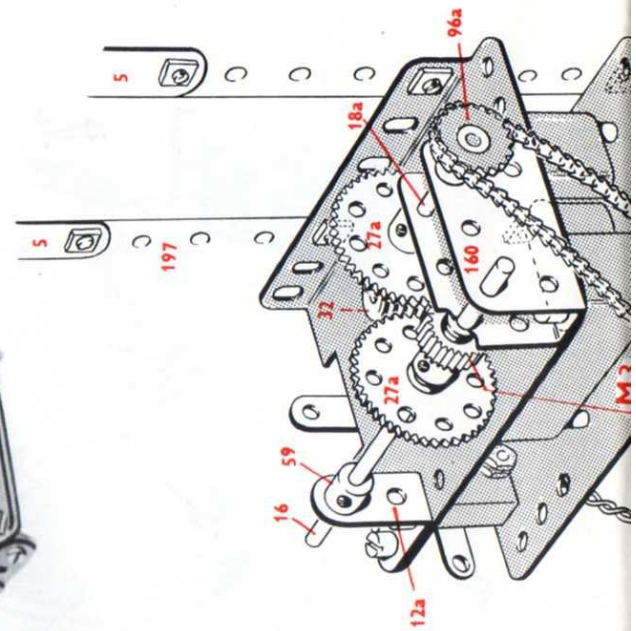
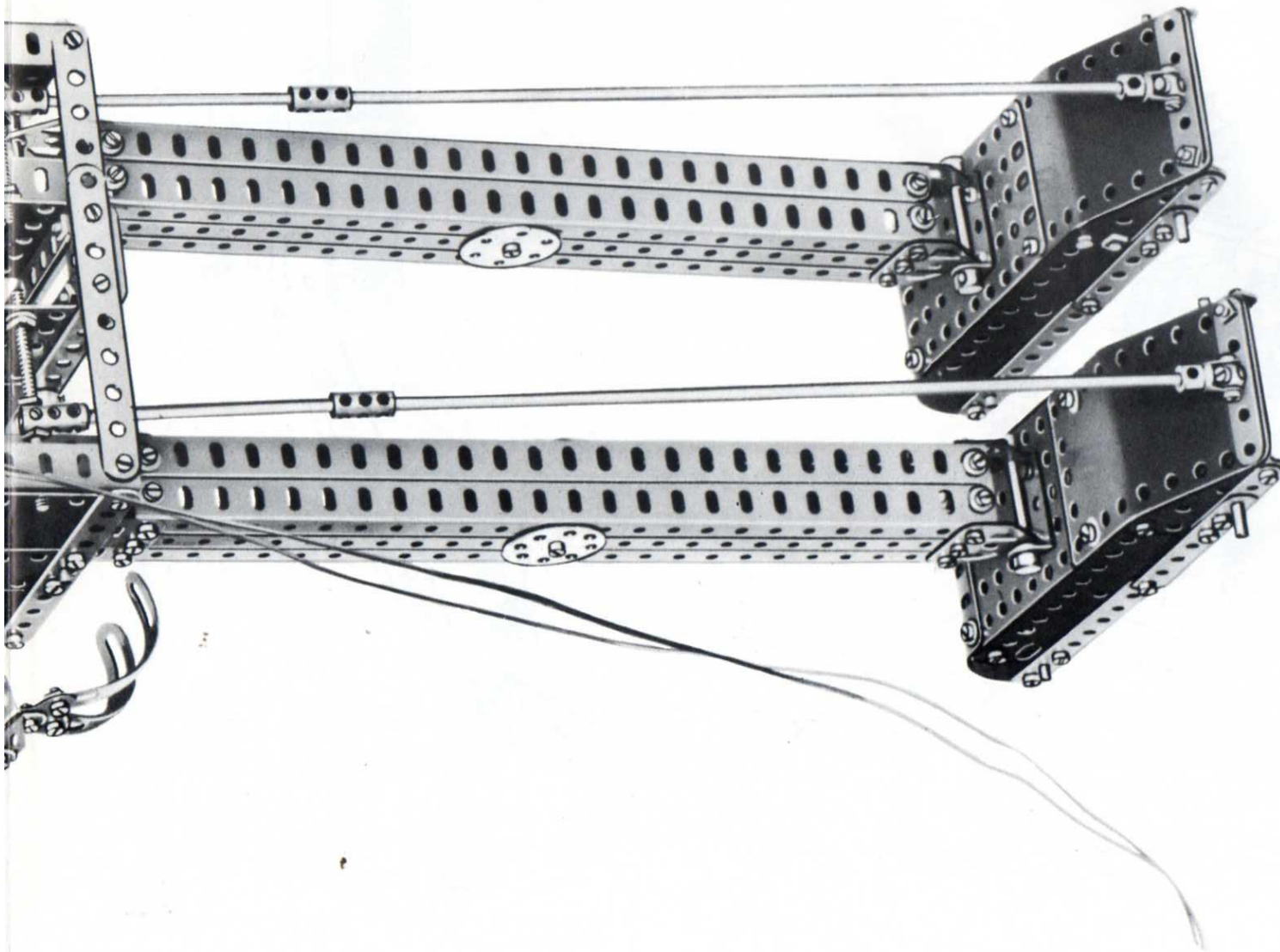
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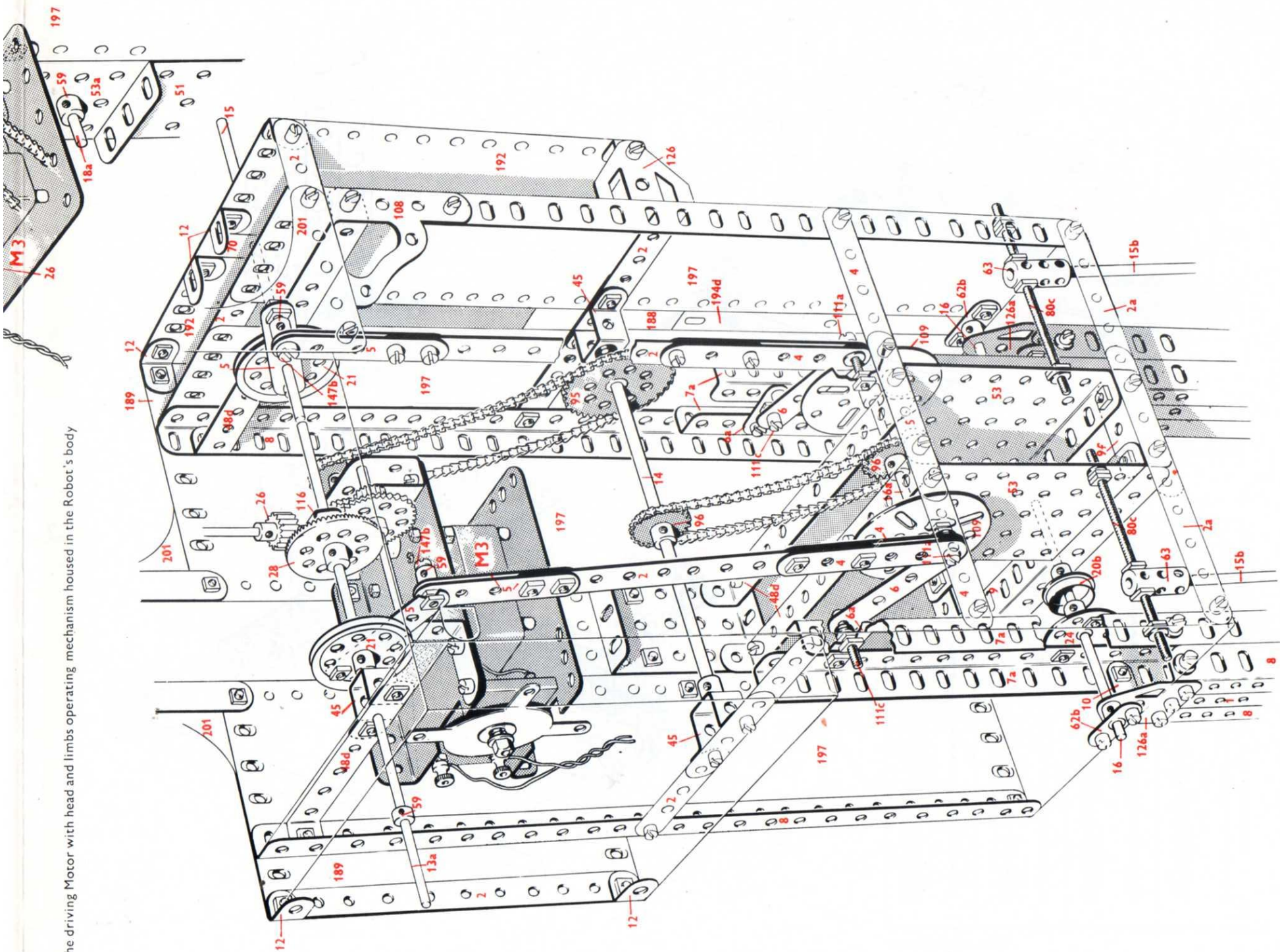
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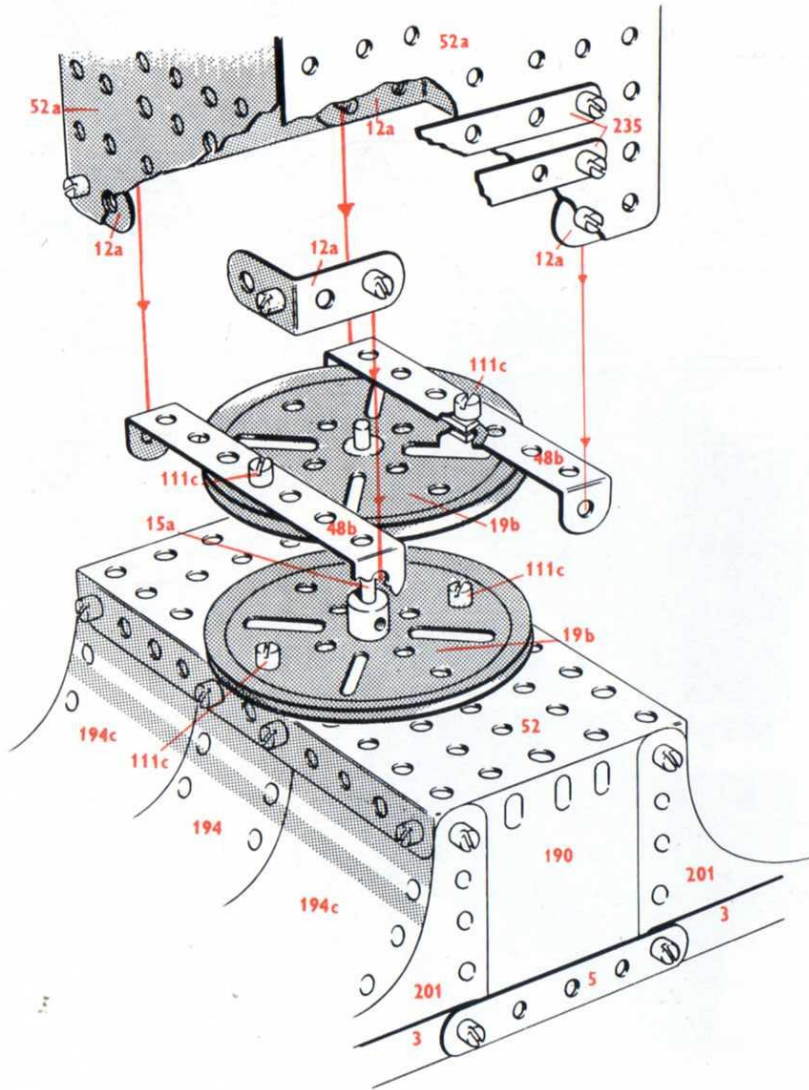




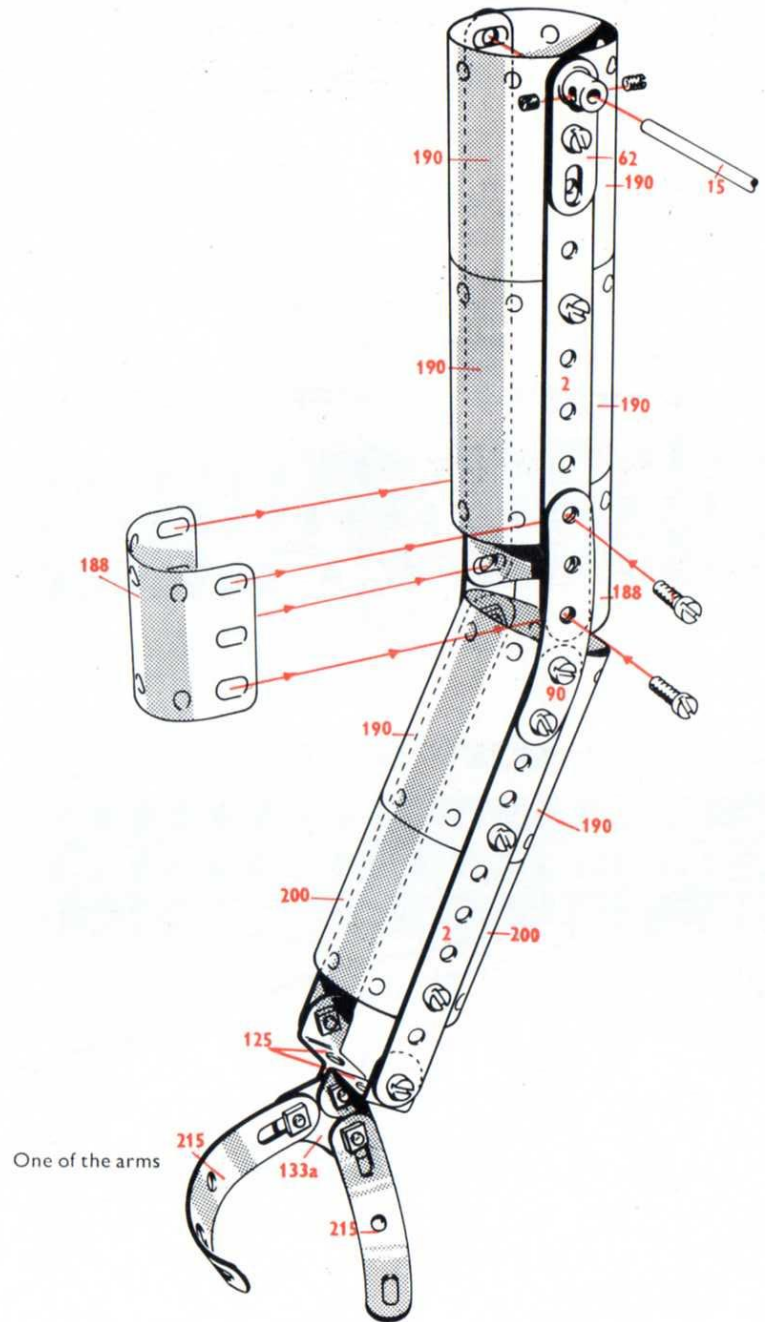
The driving Motor with head and limbs operating mechanism housed in the Robot's body





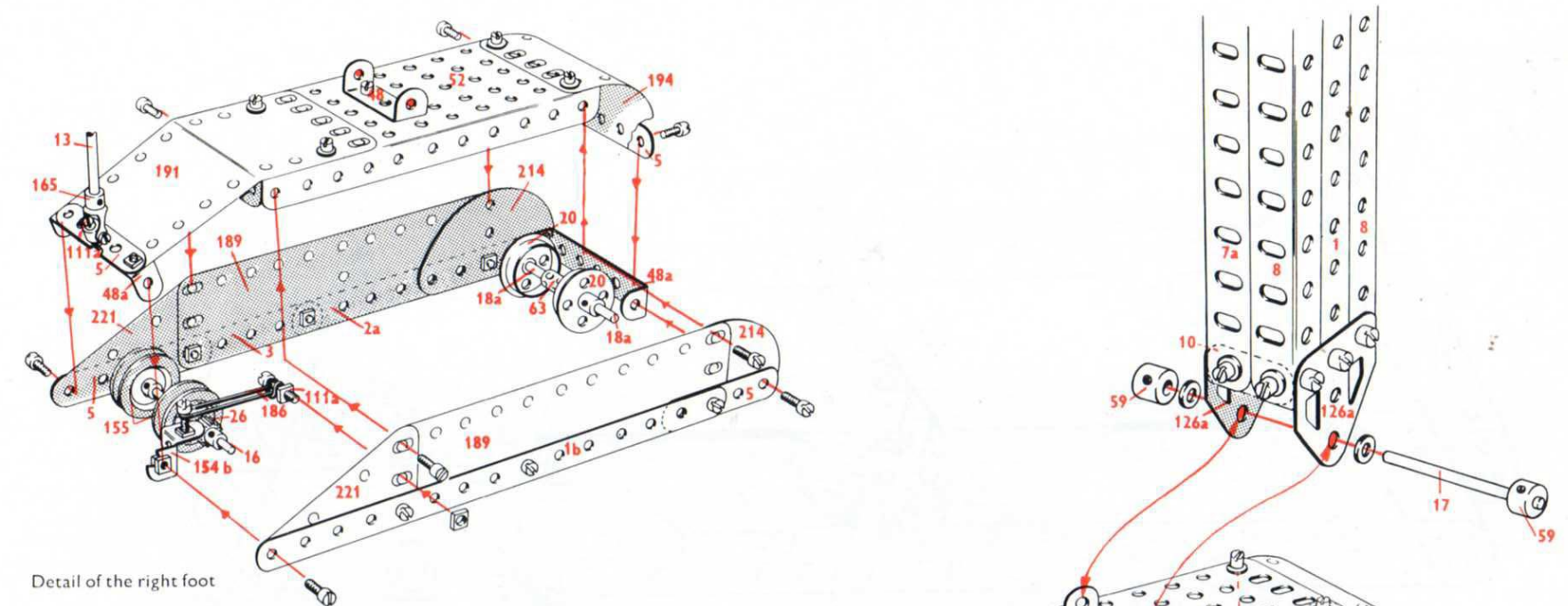


Shoulders of the Robot showing bearing on which the head swivels



One of the arms

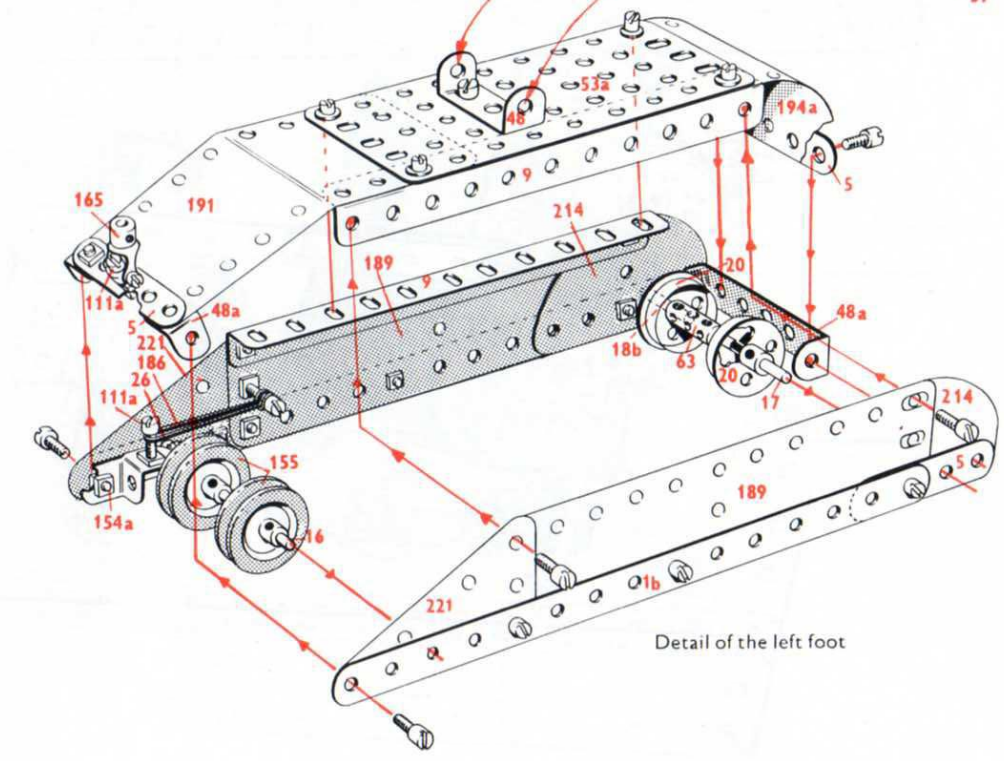




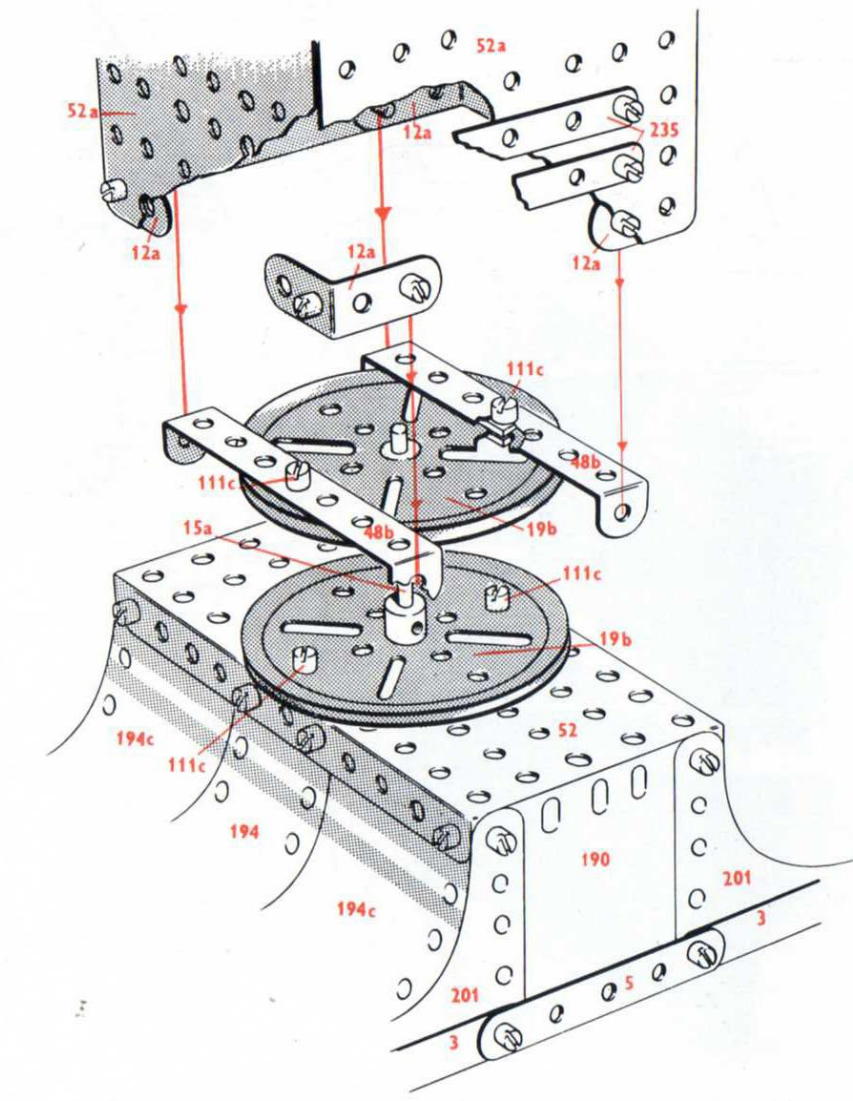
Detail of the right foot

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	*1	-	M3

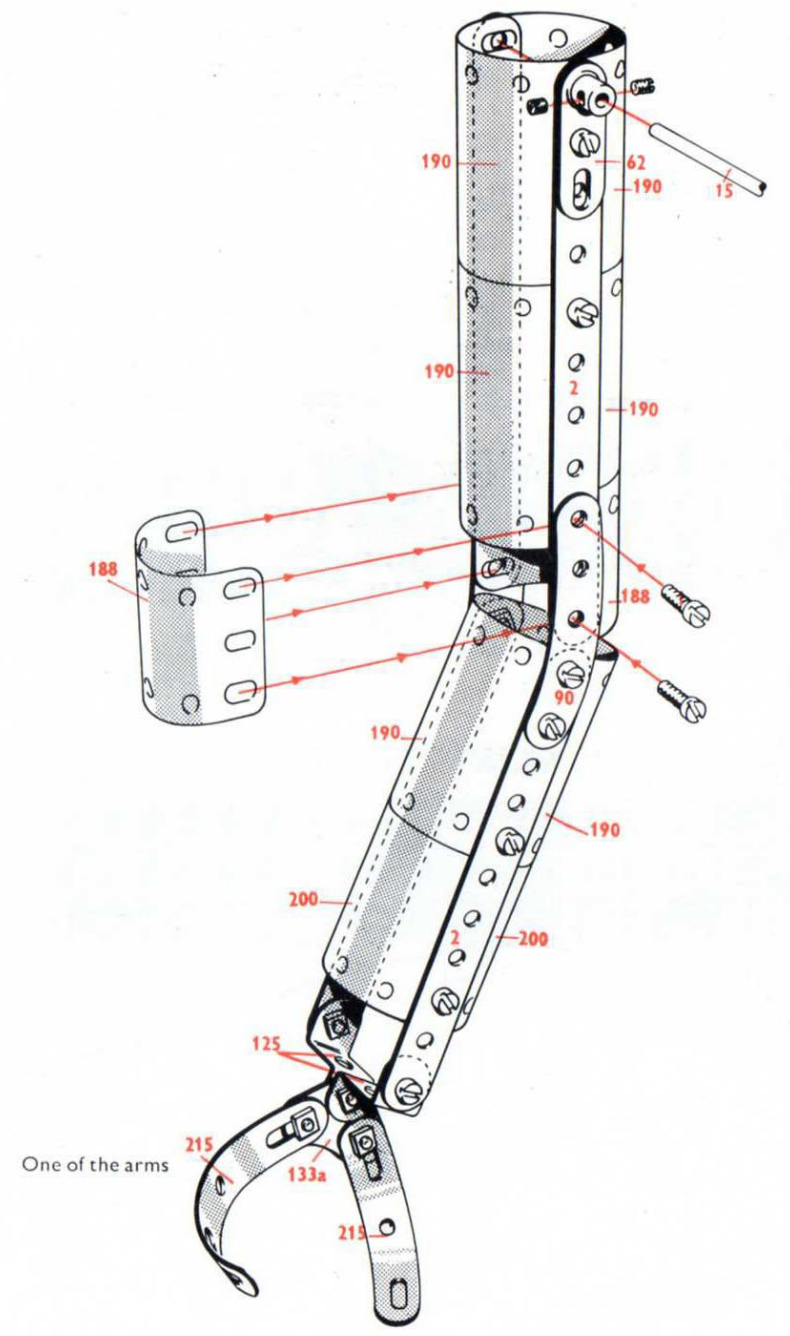
\*Not included in set



Detail of the left foot



Shoulders of the Robot showing bearing on which the head swivels



One of the arms

# MECCANO Special Model Leaflet

Leaflet No. 27

## 10.27 Robot Man

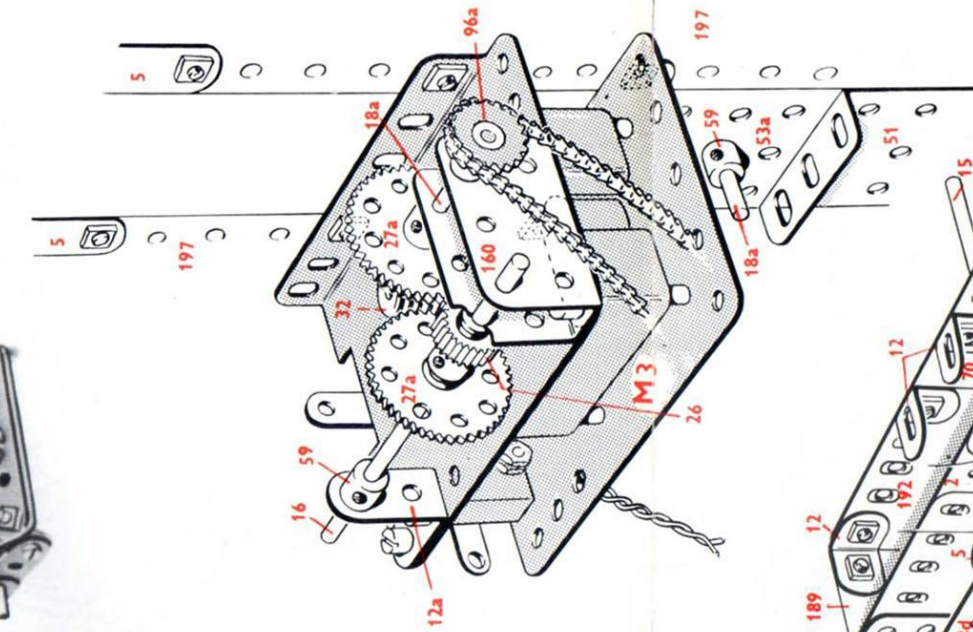
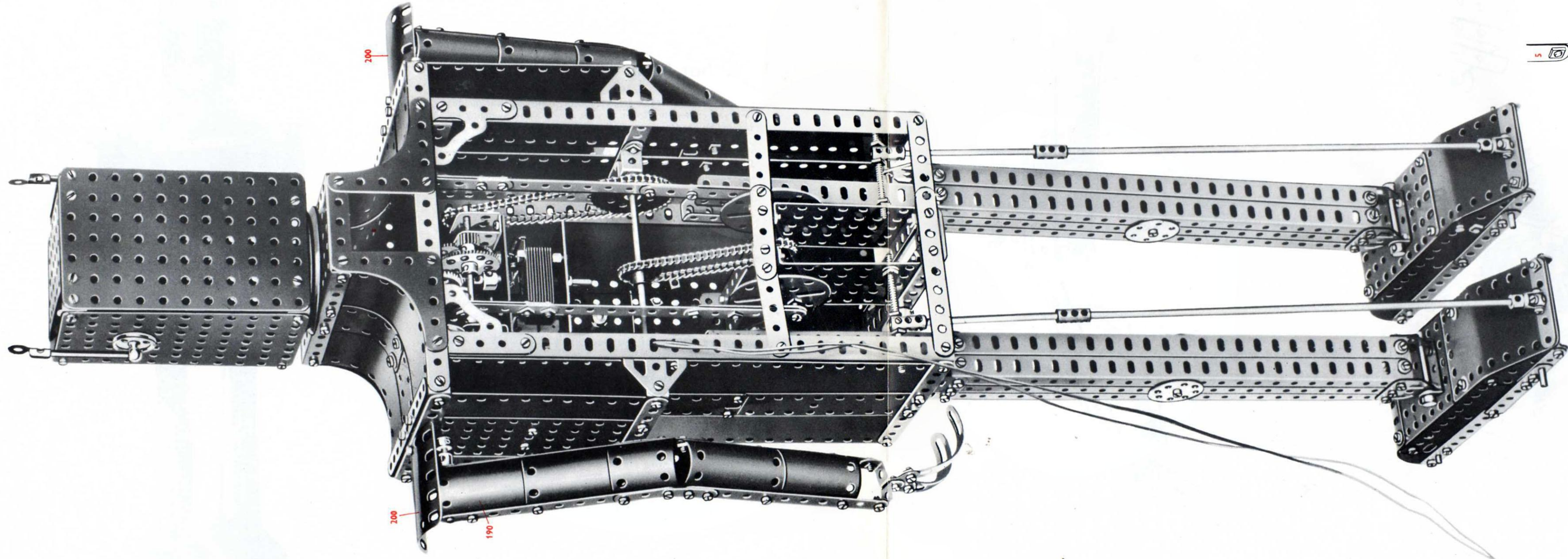
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