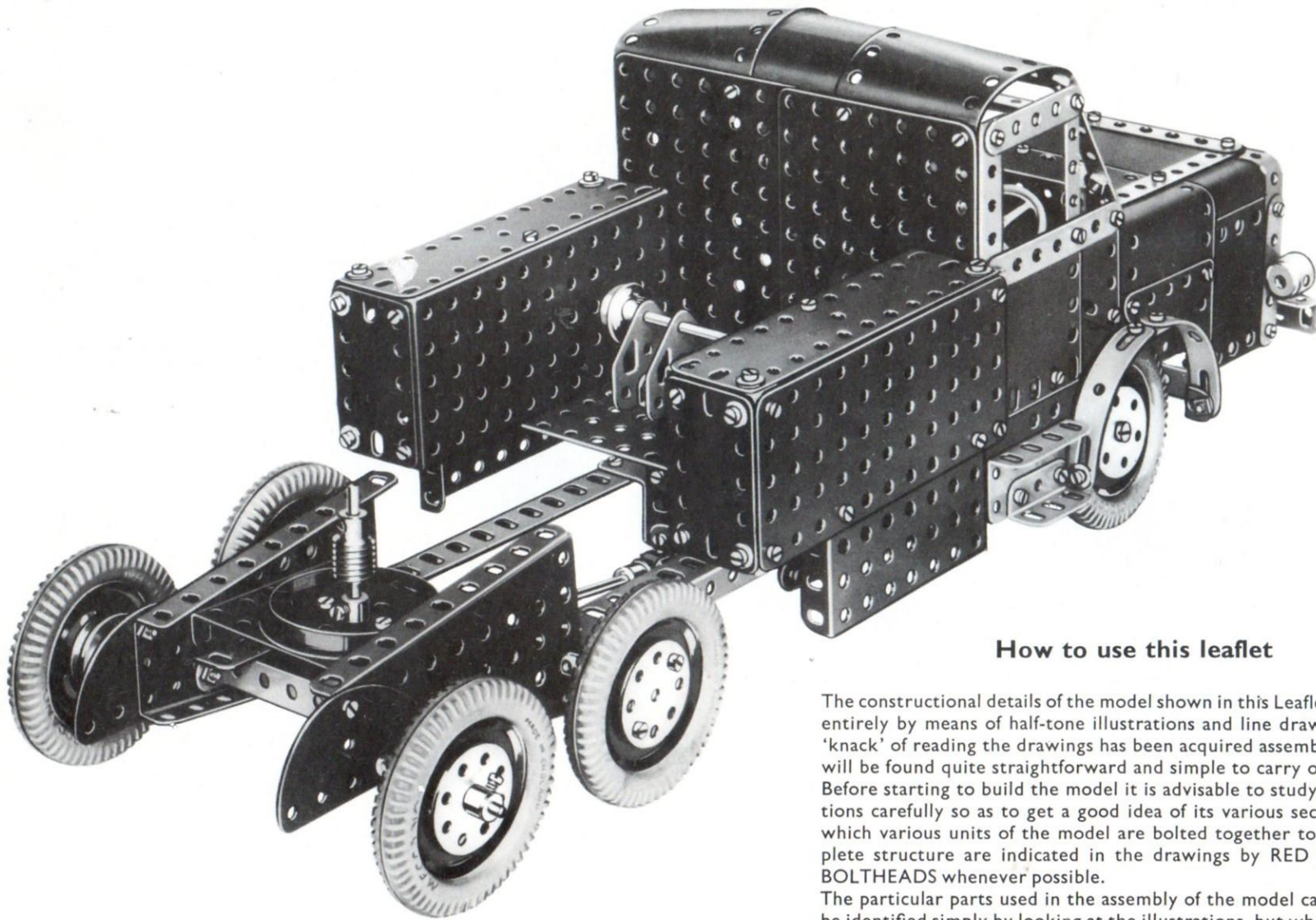


9.10 Articulated Lorry

This Meccano model of an Articulated Lorry is based on vehicles which have been designed to move exceptionally heavy and bulky loads. Such vehicles are frequently to be seen on the roads carrying large electrical transformers, ship components, boilers, earth-moving equipment and similar heavy loads. The loads may weigh anything up to 100 tons and the routes the vehicles follow have to be carefully planned in order to ensure that the roads are wide enough, and any bridges that have to be crossed strong enough, to accommodate them.

The Meccano Model is powered by a Meccano No. 1 Clockwork Motor that drives the leading pair of rear wheels of the tractor through a two-speed gear-box.

The rear wheels of the tractor are independently suspended. The rear end of the load platform is supported by four load-bearing tyred wheels, and its front end is pivotally attached to the tractor at a point centrally above the rear tractor wheels.



How to use this leaflet

The constructional details of the model shown in this Leaflet are explained entirely by means of half-tone illustrations and line drawings. Once the 'knack' of reading the drawings has been acquired assembly of the model will be found quite straightforward and simple to carry out.

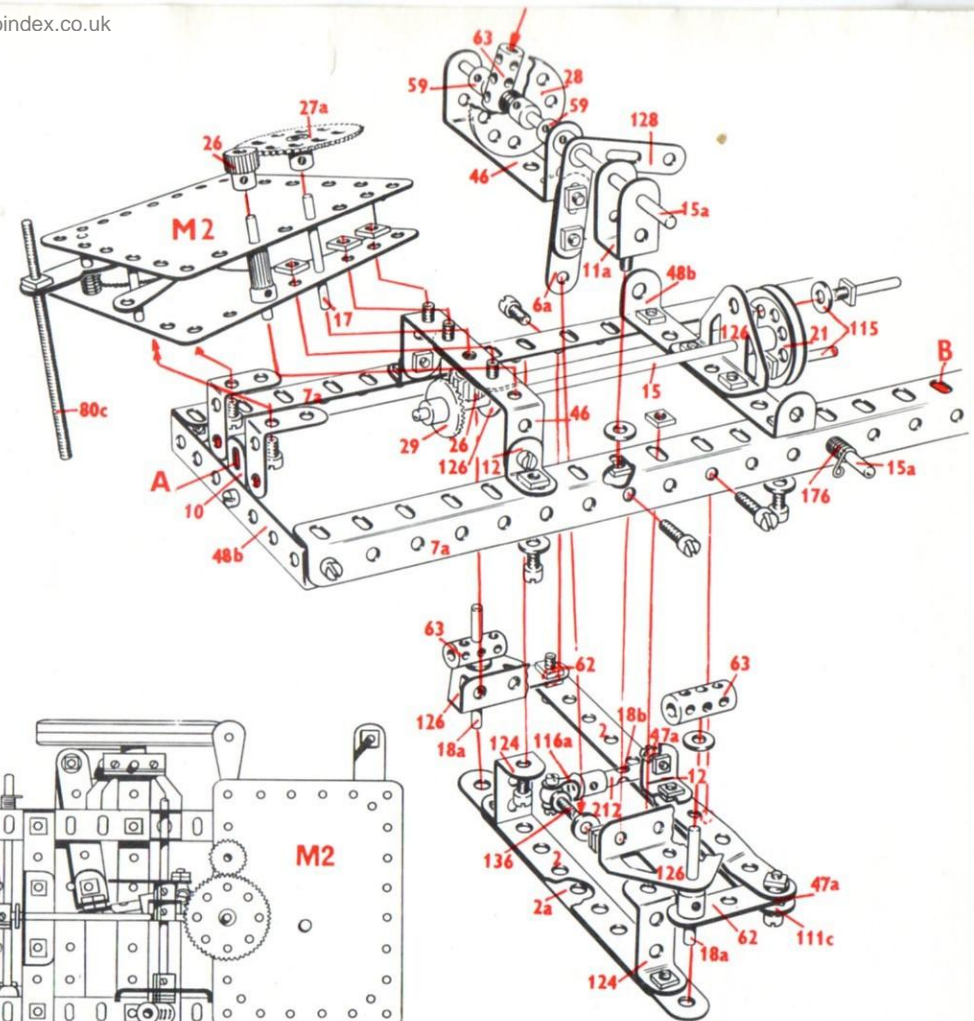
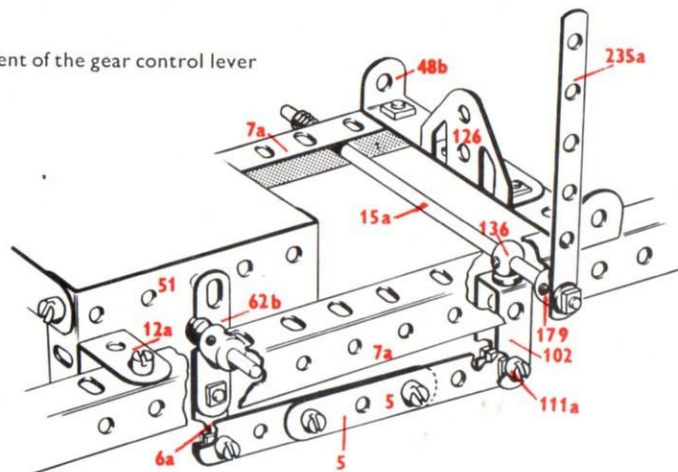
Before starting to build the model it is advisable to study all the illustrations carefully so as to get a good idea of its various sections. Points at which various units of the model are bolted together to form the complete structure are indicated in the drawings by RED DOTS or RED BOLTHEADS whenever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

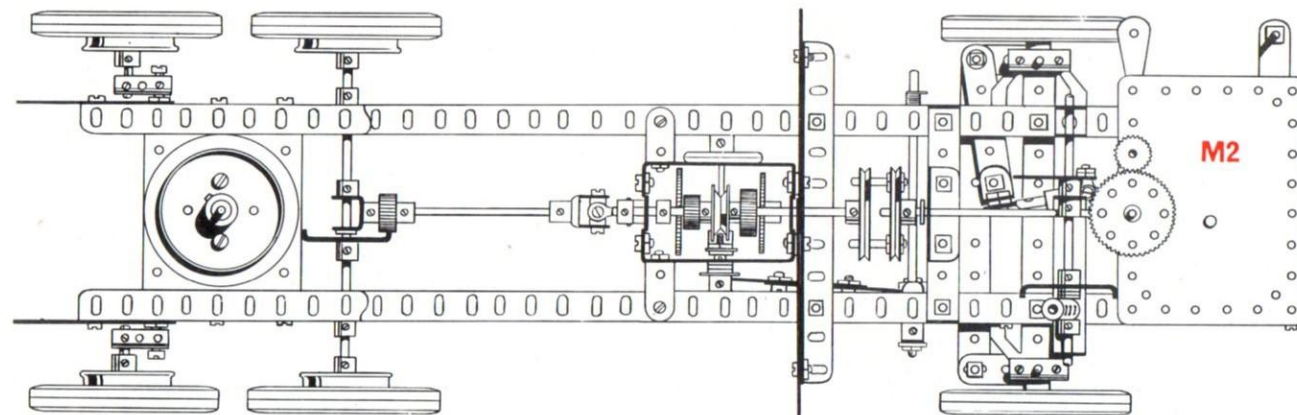
As a further help a list of the parts required to build the model is given in this Leaflet. In this list the catalogue numbers of the parts are printed in RED and the quantity of each part in BLACK.

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.

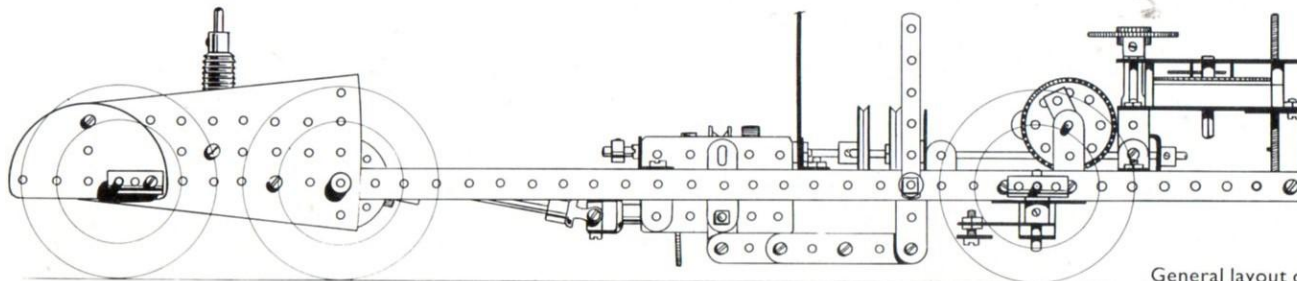
Arrangement of the gear control lever



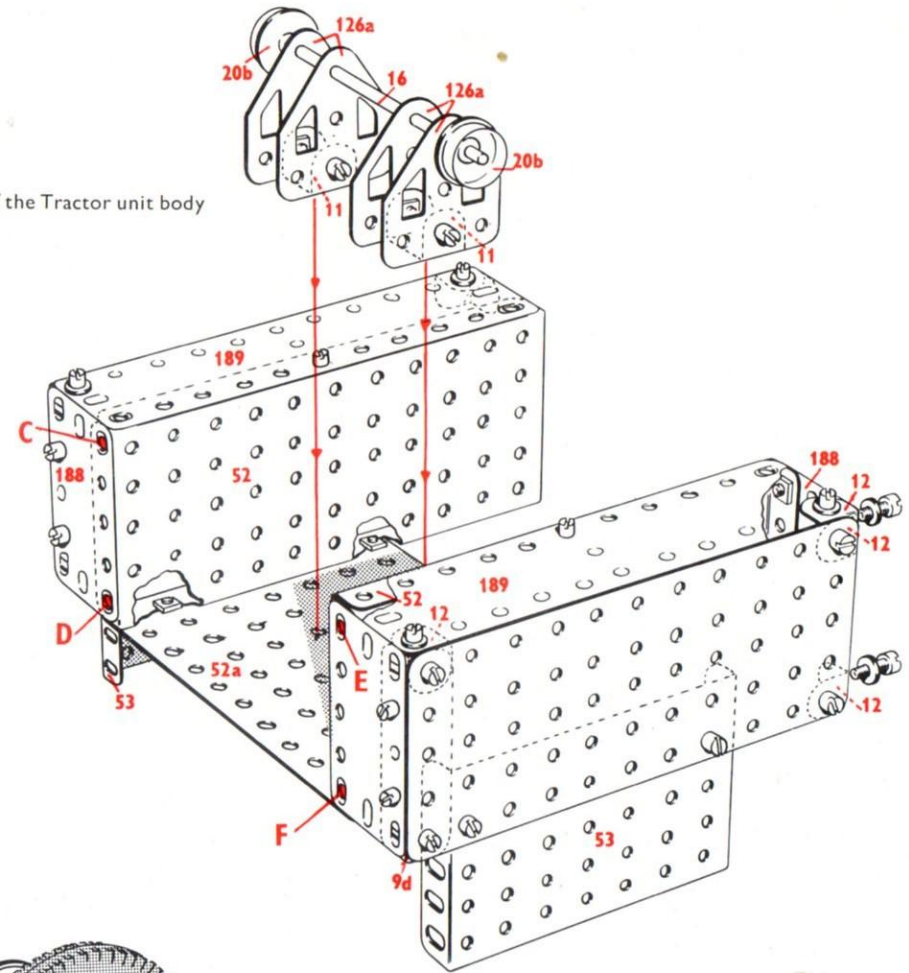
Exploded view of the front end of the Tractor unit chassis



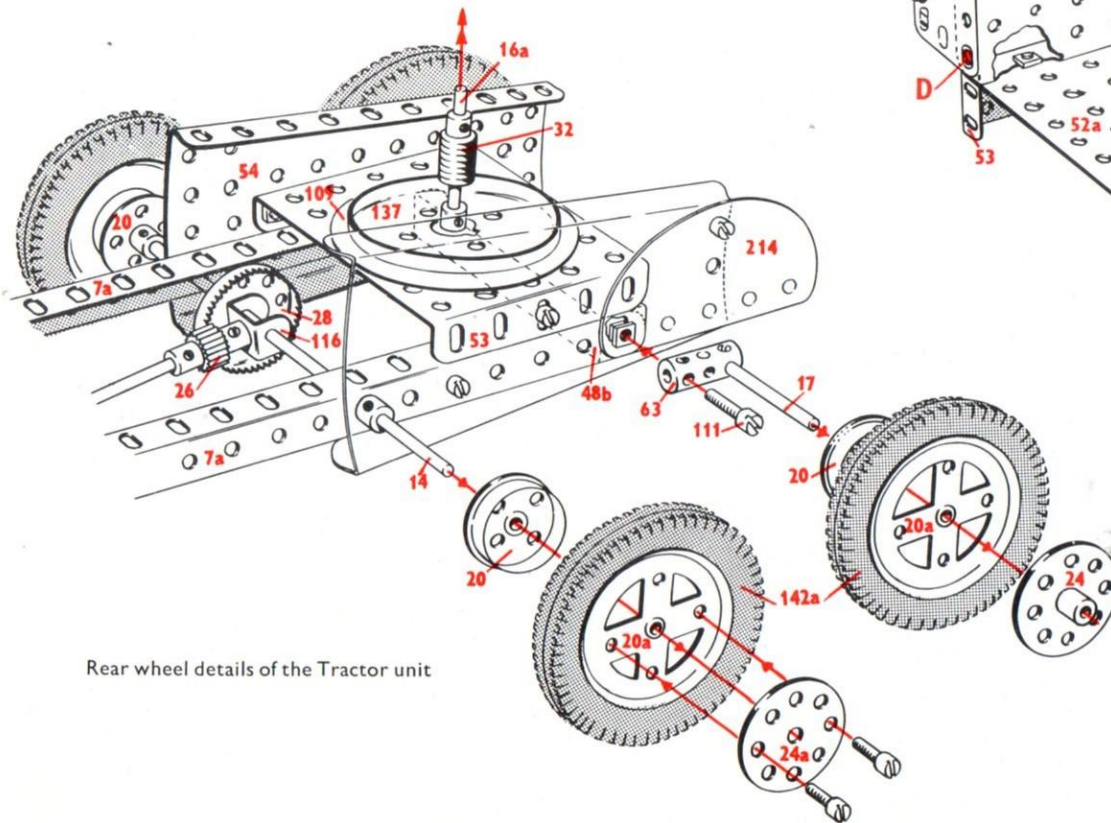
General layout of the Tractor unit chassis

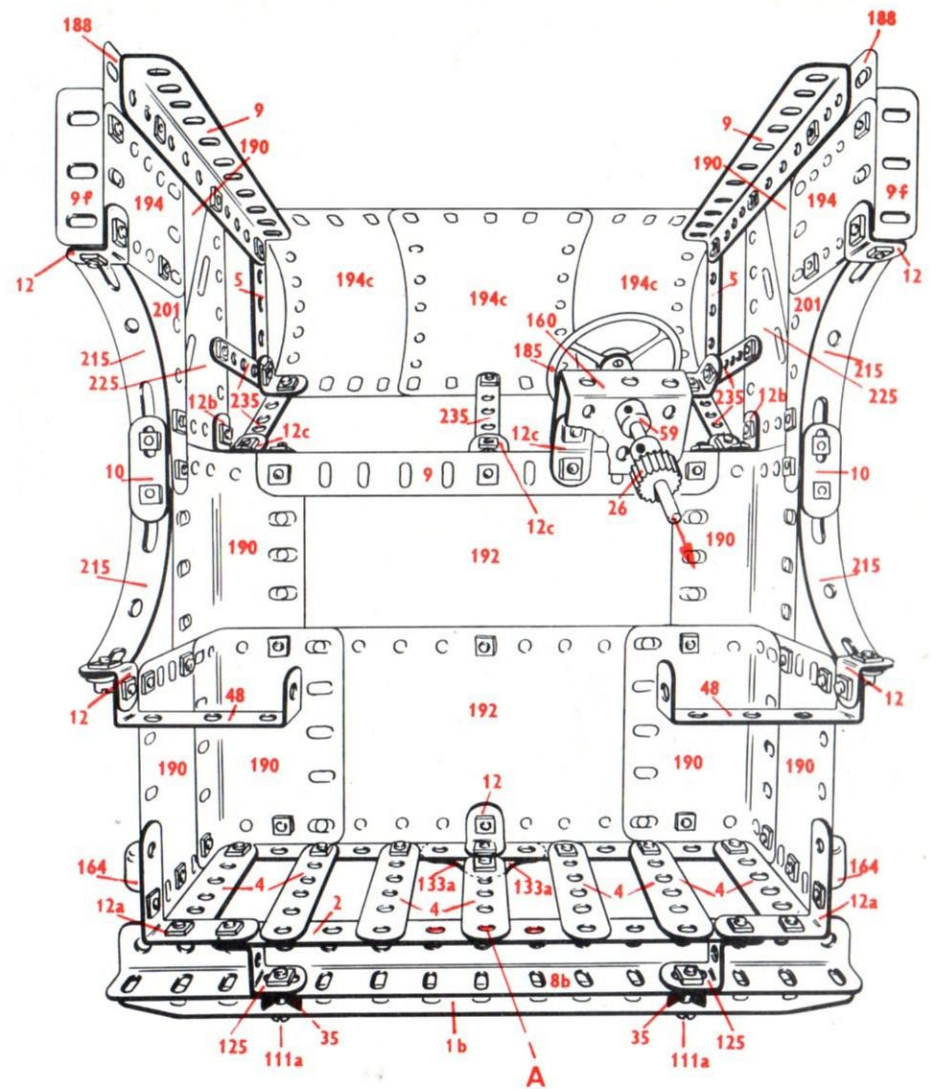
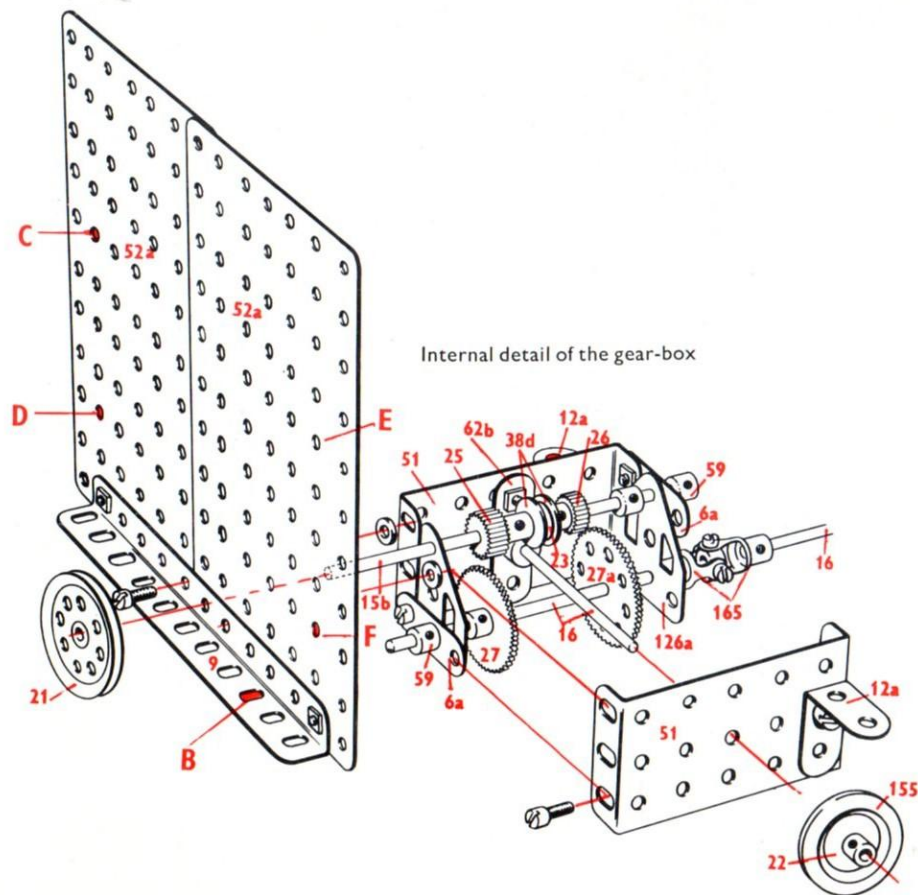


Rear portion of the Tractor unit body

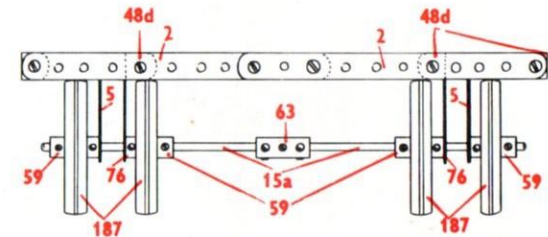


Rear wheel details of the Tractor unit

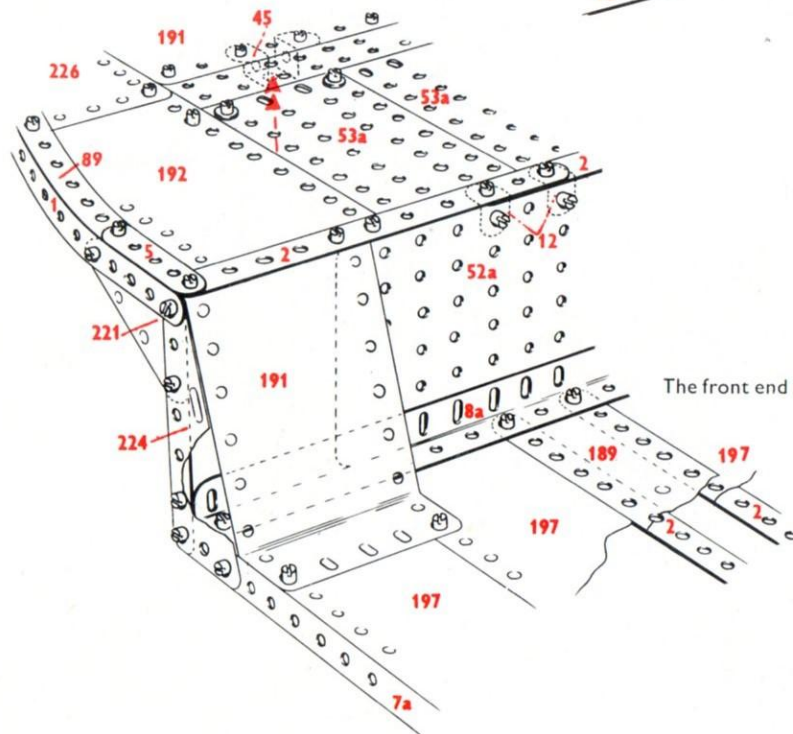




Underneath view of the cab and bonnet

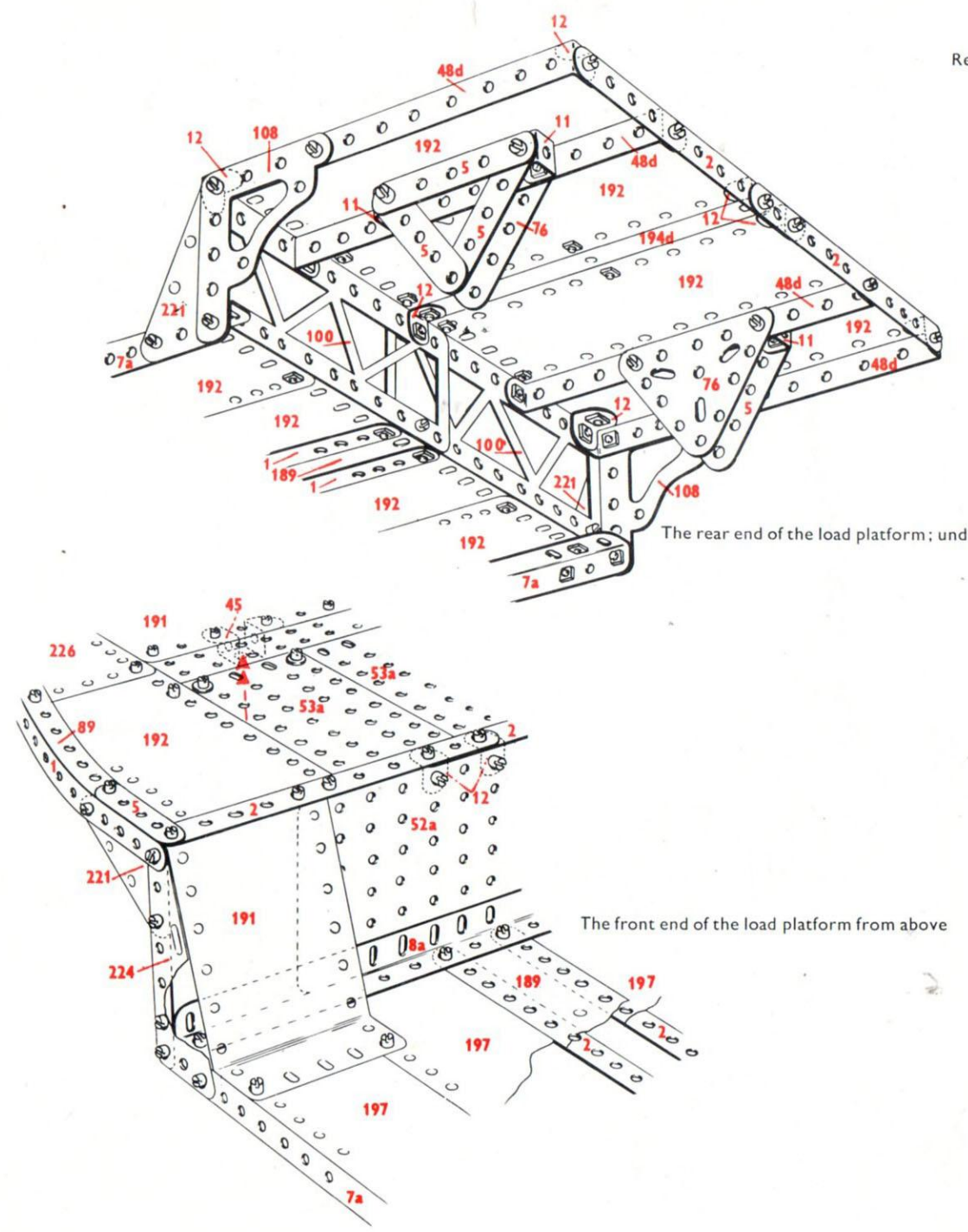
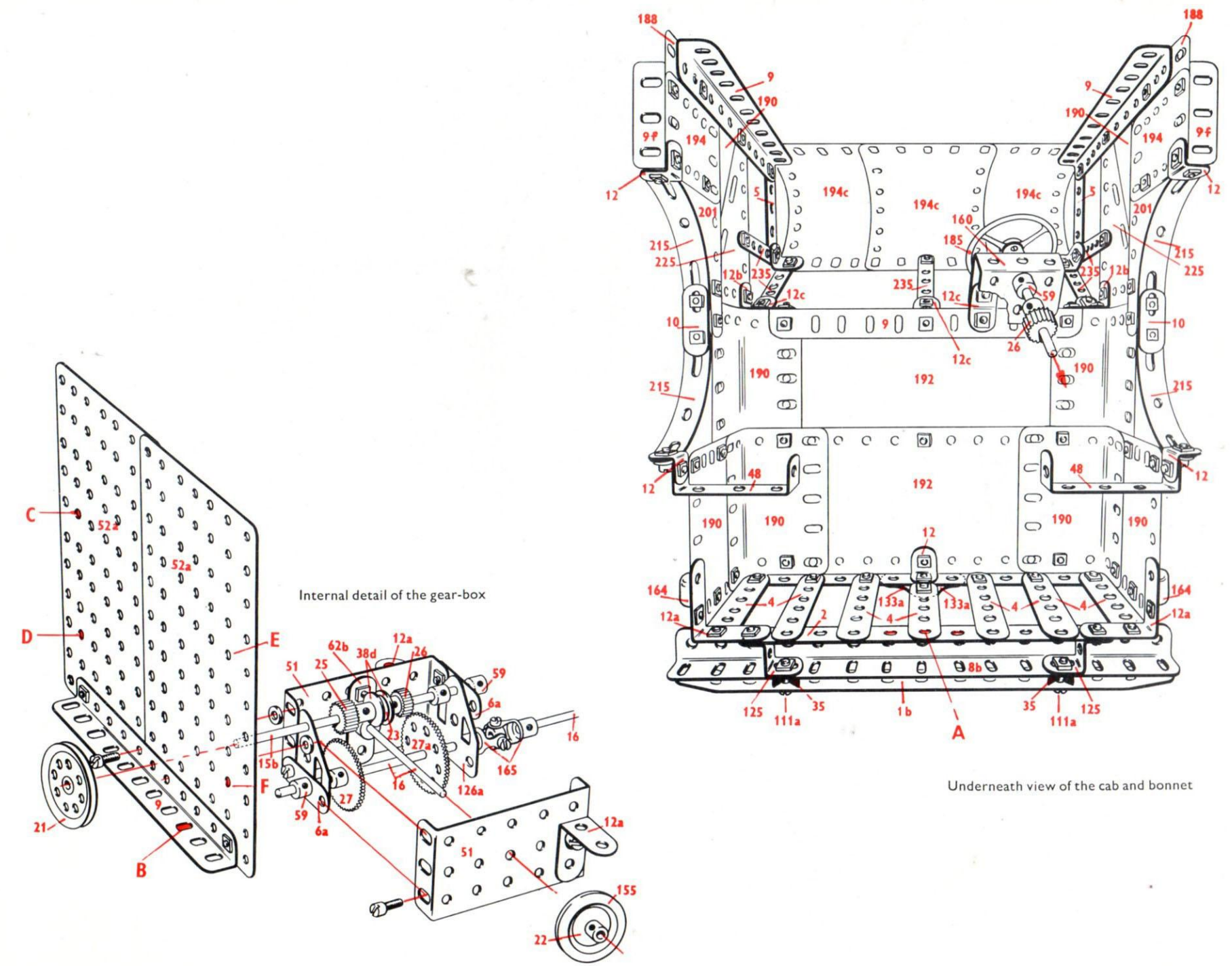


The rear end of the load platform; underneath view

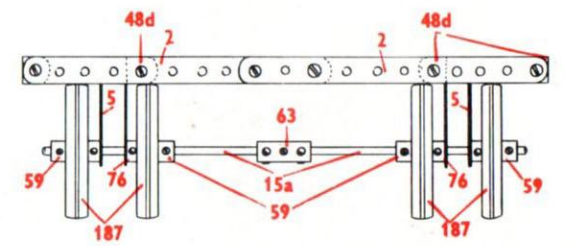


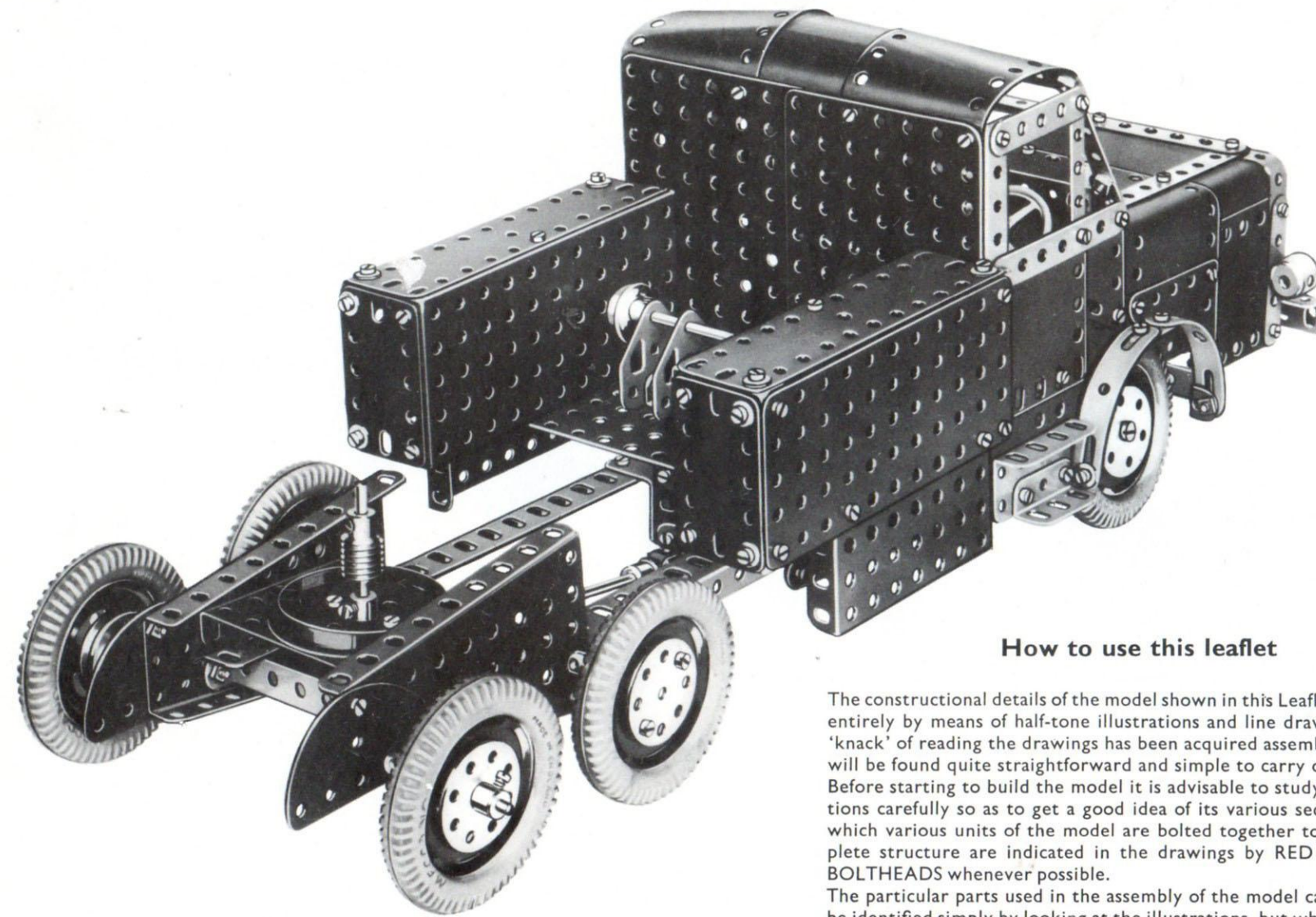
The front end of the load platform from above

4	-	1	5	-	26	2	-	124
1	-	1b	1	-	27	2	-	125
20	-	2	1	-	27a	4	-	126
3	-	2a	2	-	28	6	-	126a
6	-	3	1	-	29	1	-	128
7	-	4	1	-	32	2	-	133a
15	-	5	2	-	35	2	-	136
4	-	6	283	-	37a	1	-	137
5	-	6a	274	-	37b	6	-	142c
4	-	7a	22	-	38	2	-	147b
2	-	8a	2	-	38d	1	-	154a
1	-	8b	1	-	45	1	-	154b
3	-	9	2	-	46	1	-	155
2	-	9d	2	-	48	1	-	160
2	-	9f	3	-	48b	2	-	161
3	-	10	4	-	48d	2	-	164
6	-	11	2	-	51	2	-	165
1	-	11a	2	-	52	1	-	176
32	-	12	3	-	52a	1	-	179
6	-	12a	4	-	53	1	-	185
2	-	12b	2	-	53a	4	-	187
5	-	12c	2	-	54	2	-	188
1	-	14	11	-	59	5	-	189
1	-	15	2	-	62	8	-	190
3	-	15a	1	-	62b	3	-	191
1	-	15b	5	-	63	12	-	192
4	-	16	2	-	70	2	-	194
2	-	16a	2	-	76	3	-	194c
3	-	17	1	-	80c	1	-	194d
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1	-	18b	2	-	90	4	-	201
4	-	20	2	-	100	1	-	212
6	-	20a	1	-	102	2	-	214
2	-	20b	2	-	108	4	-	215
2	-	21	1	-	109	2	-	221
1	-	22	2	-	111	2	-	225
1	-	23	3	-	111a	2	-	226
2	-	24	2	-	111c	5	-	235
2	-	24a	2	-	115	1	-	235a
2	-	24c	1	-	116			
1	-	25	1	-	116a			



Rear end of the load platform showing the road wheel arrangement





How to use this leaflet

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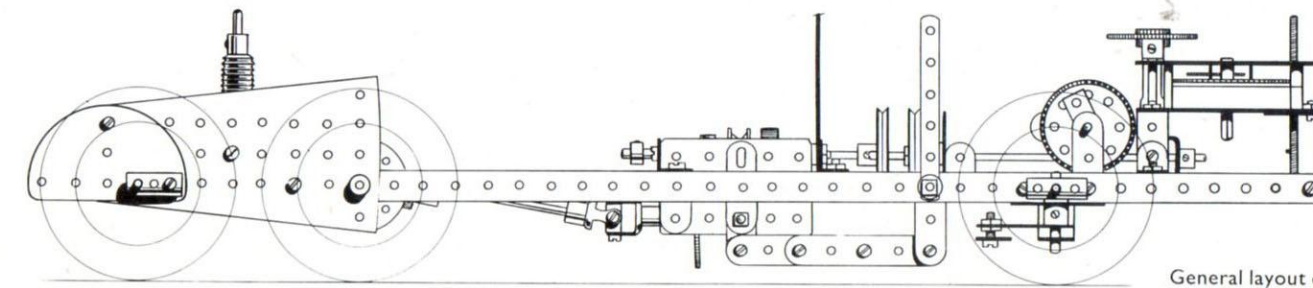
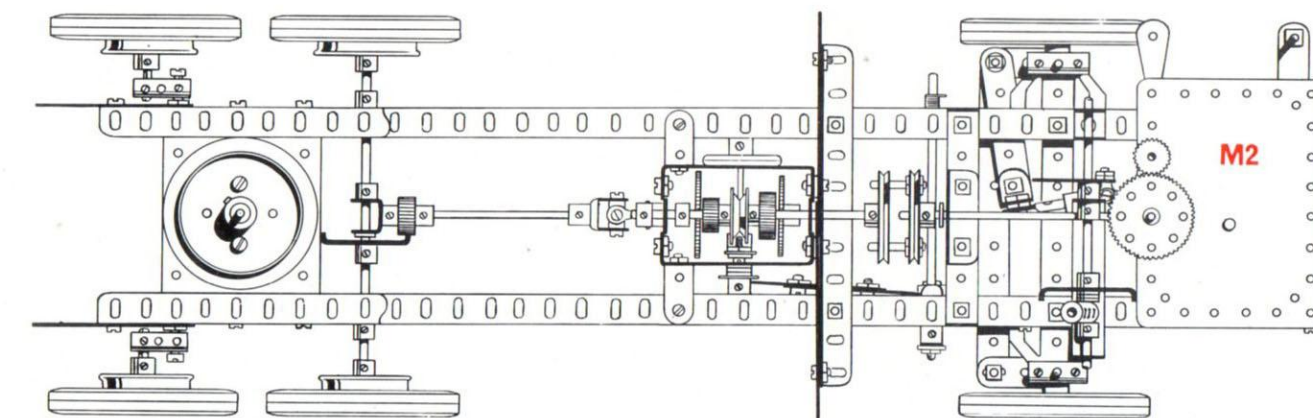
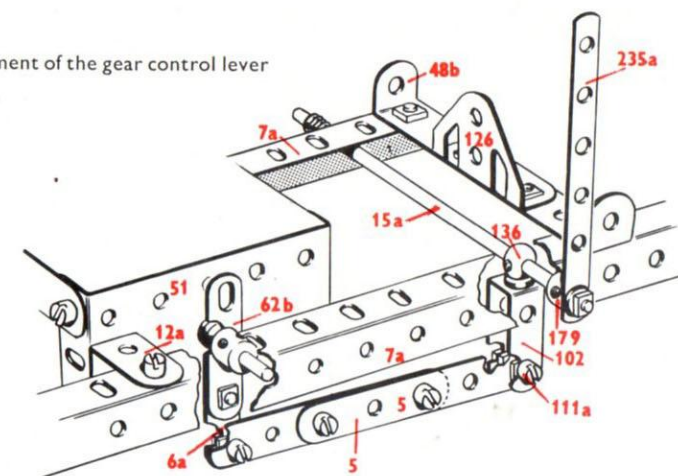
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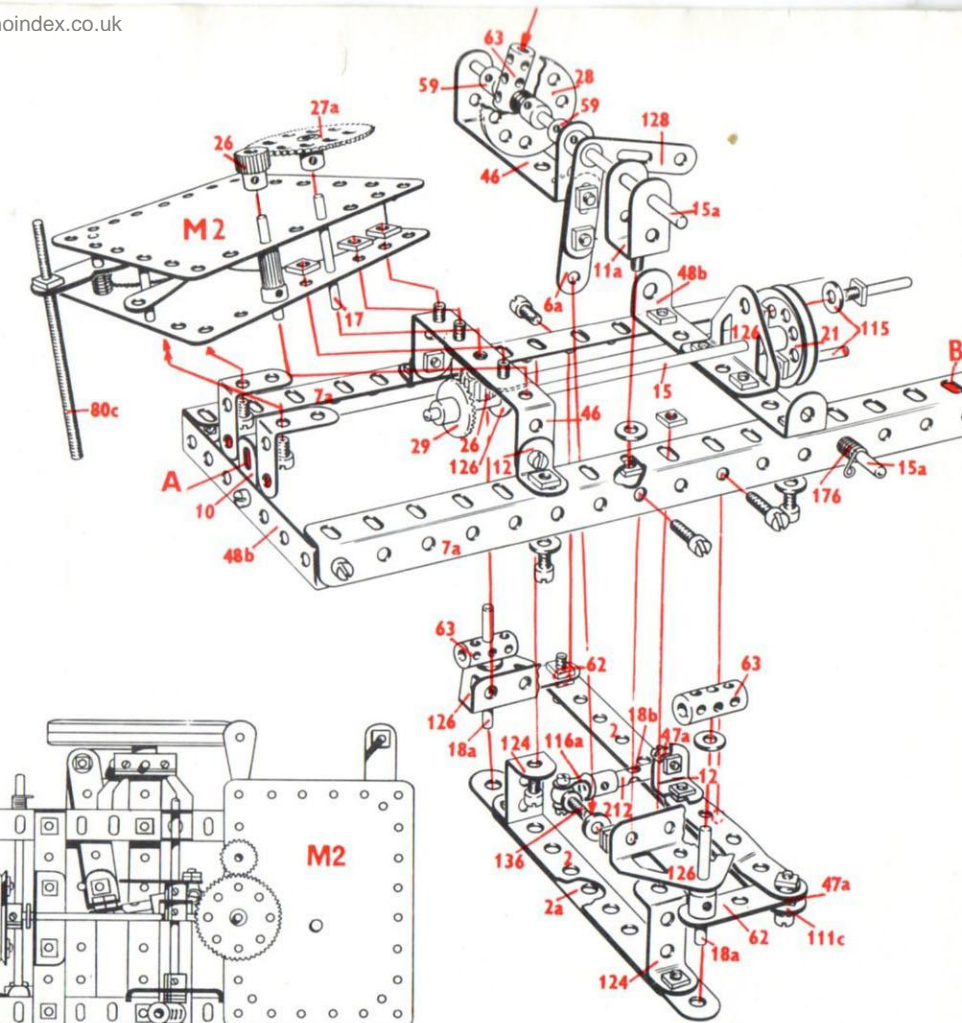
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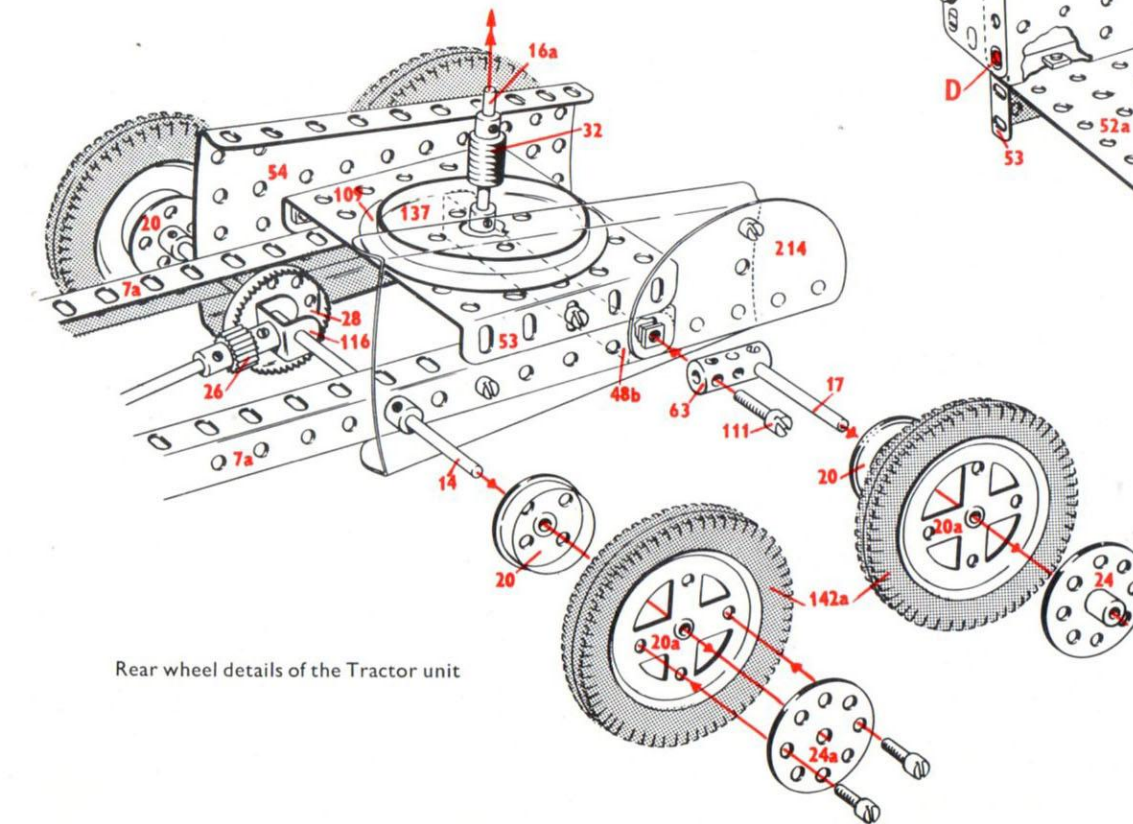
Arrangement of the gear control lever



General layout of the Tractor unit chassis



Exploded view of the front end of the Tractor unit chassis



Rear wheel details of the Tractor unit

Rear portion of the Tractor unit body

