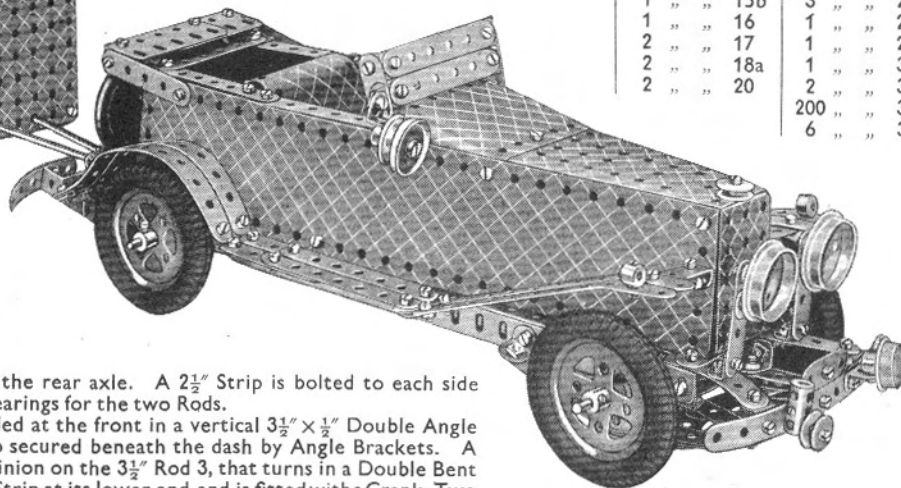
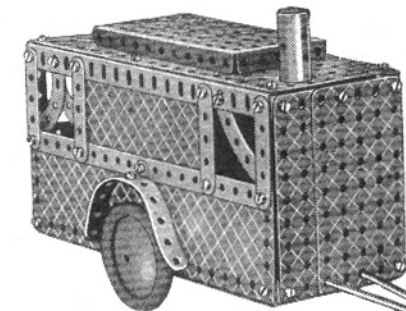


H25 Motor Car and Caravan Trailer

Parts required	7 of No. 3	4 of No. 4	3 of No. 8	33 of No. 12	4 of No. 20a
	17 of No. 2	33 " " 5	4 " " 8a	1 " " 12a	3 " " 20b
	4 " " 2a	4 " " 6	1 " " 9d	4 " " 12c	1 " " 22
	12 " " 3	4 " " 6a	9 " " 10	2 " " 14	2 " " 23
				3 " " 15a	1 " " 24
				1 " " 15b	3 " " 26
				1 " " 16	1 " " 27a
				2 " " 17	1 " " 29
				2 " " 18a	1 " " 32
				2 " " 20	2 " " 35
					200 " " 37
					6 " " 38



A No. 1 Clockwork Motor is mounted at the rear of the chassis by a pair of $\frac{1}{2}$ " Reversed Angle Brackets 6 (Fig. H25b), and a $\frac{1}{2}$ " Pinion, on the Motor driving shaft drives a $\frac{3}{8}$ " Con-
trate on a Rod carrying another $\frac{1}{2}$ " Pinion. This Pinion drives a 57-teeth Gear on the rear axle. A $2\frac{1}{2}$ " Strip is bolted to each side girder of the chassis to form the bearings for the two Rods.

The steering Rod 2 is journaled at the front in a vertical $3\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strip, and at the rear in a 3" Strip secured beneath the dash by Angle Brackets. A Worm on the Rod engages a $\frac{1}{2}$ " Pinion on the $3\frac{1}{2}$ " Rod 3, that turns in a Double Bent Strip at its upper end and in a $2\frac{1}{2}$ " Strip at its lower end, and is fitted with Crank. Two $2\frac{1}{2}$ " Strips 4 connect the Crank to two Double Arm Cranks, the fixing bolts being each secured by means of two nuts to form pivots. A $\frac{3}{8}$ " Bolt is gripped in each Double Arm Crank, and these Bolts pass through the end holes of the front axle that consists of two $4\frac{1}{2}$ " Strips spaced apart by a Washer on each securing bolt. Couplings are gripped securely on the upper ends of the $\frac{3}{8}$ " Bolts and the Stub Axles 5 are carried in the Couplings.

A $2\frac{1}{2}$ " Strip extends the Motor brake lever and is provided with a 2" Axle Rod 7 to facilitate control of the Motor. The Rod is held in place by Collars.

The floor of the caravan trailer is made by bolting two $9\frac{1}{2}$ " Angle Girders along the edges of two $5\frac{1}{2}$ " \times $3\frac{1}{2}$ " Flanged Plates overlapped $1\frac{1}{2}$ ". The construction of the left side is similar to that shown for the right. Two Collars retain the drawbar in place.

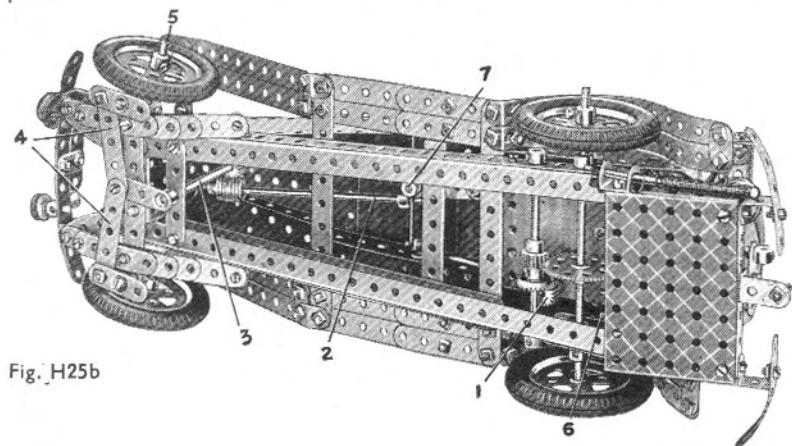


Fig. H25b

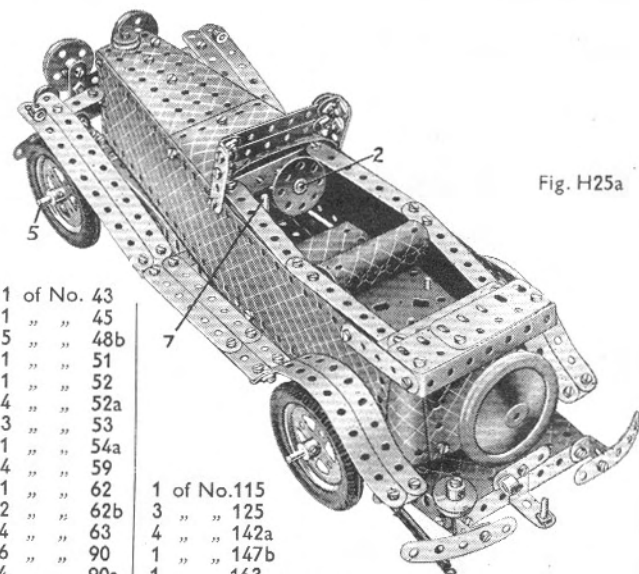


Fig. H25a

1 of No. 43	1 of No. 115		
1 " " 45	3 " " 125		
5 " " 48b	4 " " 142a	2 of No. 191	No. 1 Clock-
1 " " 51	1 " " 147b	6 " " 195	work Motor
1 " " 52	1 " " 163	2 " " 197	(not included in)
4 " " 52a	1 " " 164		Outfit)
3 " " 53	1 " " 187		
1 " " 54a	3 " " 190		
14 " " 59			
1 " " 62			
2 " " 62b			
4 " " 63			
6 " " 90			
4 " " 90a			
2 " " 103f			
3 " " 111			
6 " " 111c			

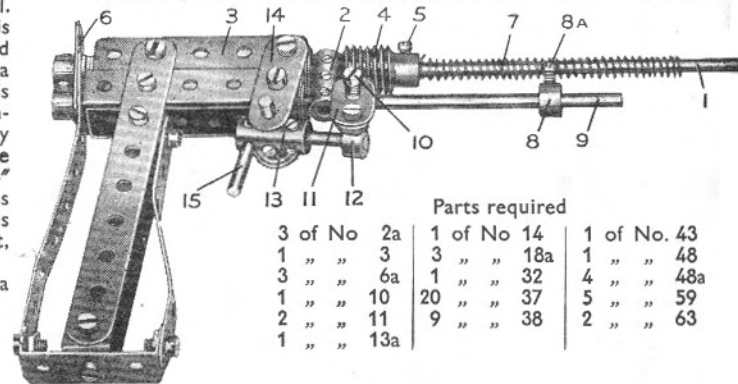
H26 Spring Pistol

The butt is made by bolting a $4\frac{1}{2}$ " Strip to each side of two pairs of $2\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strips. A Double Bracket holds the lower ends of the Strips and is bolted to a $1\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strip. Further Strips are attached to this and slightly bent as shown. The "barrel" of the pistol consists of an 8" Axle Rod 1 passing through a Coupling 2 and through the ends of two $2\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strips 3. It carries a Worm 4, which is secured by a bolt 5 in place of its Grub Screw. This bolt serves as the foresight, the back-sight being formed by the upper hole of a $1\frac{1}{2}$ " Strip 6. A Meccano Spring secured by one of its end loops to the bolt 5, is mounted on the barrel and opened out to form a compression spring. The loop at the other end should be cut away.

Collars with Set Screws extracted, may be used as bullets, or small pieces of wood of similar shape may be employed. The gun is loaded by placing the bullet upon the barrel, and pushing the Spring 7 back until the bullet passes the Collar 8. The latter is rigidly secured by means of a $5/32$ " bolt 8a to a $6\frac{1}{2}$ " Rod 9, which is free to turn slightly in its bearings. The bolt 8a is pushed in front of the bullet, so preventing the Spring 7

from expelling it from the barrel. Another Collar and bolt 10 is secured to the Rod 9 and coupled by means of a Flat Bracket 11 to a bolt mounted in a Collar 12. This in turn is secured to a $1\frac{1}{2}$ " Rod inserted in a Coupling 13 pivotally mounted and spaced on either side by two Washers between $1\frac{1}{2}$ " Strips 14. A further Rod 15 forms a trigger, and a slight touch on this pulls the bolt 8a clear of the bullet, so firing the pistol.

The pistol should possess a range of ten yards or more.



	Parts required		
3 of No. 2a	1 of No. 14	1 of No. 43	
1 " " 3	3 " " 18a	1 " " 48	
3 " " 6a	1 " " 32	4 " " 48a	
1 " " 10	20 " " 37	5 " " 59	
2 " " 11	9 " " 38	2 " " 63	
1 " " 13a			