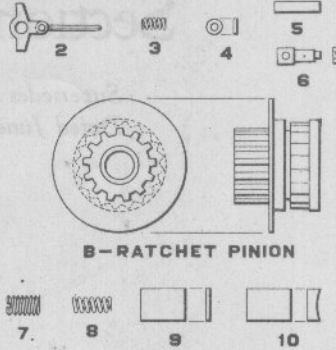
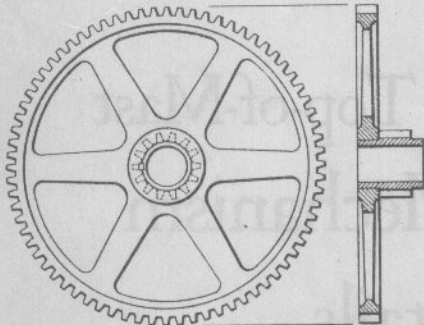


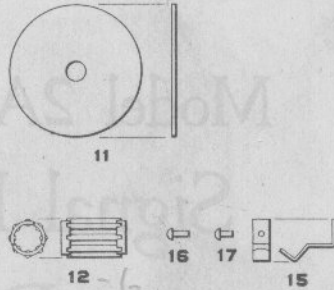
A-RATCHET GEAR COMP.



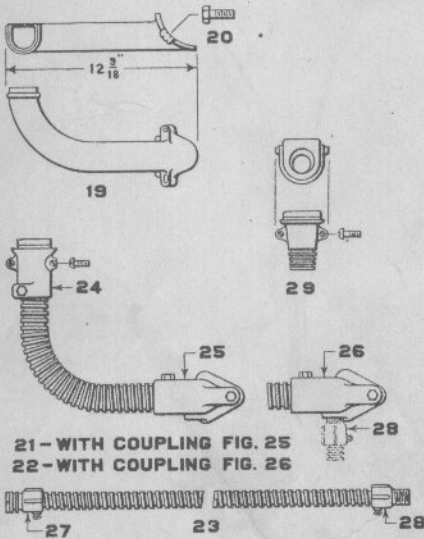
B-RATCHET PINION



C-INTERMEDIATE GEAR COMP.



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21-WITH COUPLING FIG. 25  
22-WITH COUPLING FIG. 26

Model 2A, Top-of-Mast  
Signal Mechanism Details

Note. Details as illustrated on opposite page are used with top of mast signal mechanisms and dwarf signals as shown on Plates H0701, H0703, H0901 and H0903.

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
A	Ratchet Gear Complete as shown. (1-B, 1-1, 1-2, 1-3, 2-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10).....	30080
B	Ratchet Pinion, for Ratchet Gear Fig. A.....	30079
C	Intermediate Gear Complete as shown.....	29965
CI	as above, except with Roller Bearing Fig. 12.....	
1	Ratchet Gear only, for Fig. A.....	30081
2	Pawl Complete as shown, for Ratchet Gear Fig. A.....	42438
3	Spring, for Ratchet Gear Fig. A.....	30875
4	Washer, $\frac{3}{16}$ " , for Spring Fig. 3.....	15394
5	Pin, $\frac{3}{8}$ " x $1\frac{3}{8}$ " , for fastening Pawl Fig. 2 to Gear Fig. 1.....	30521
6	Stud, with Collar, for Ratchet Gear Fig. A.....	
7	Set Screw, $\frac{5}{8}$ " x $\frac{1}{2}$ " , headless, for holding Spring Fig. 8.....	35966
8	Spring, for Brake Shoe Fig. 10.....	30090
9	Backing Plate, for Brake Shoe Fig. 10.....	30085
10	Brake Shoe, for Ratchet Gear Fig. A.....	30086
11	Washer, for Ratchet Gear Fig. A.....	30089
12	Roller Bearing Complete, for Intermediate Gear Fig. C.....	29998
15	Latch, for Side Door.....	42018
16	Rivet, $\frac{3}{16}$ " x $\frac{1}{2}$ " rd. hd., for fastening Latch Fig. 15 to top of Side Door.....	0204
17	Rivet, $\frac{3}{16}$ " x $\frac{3}{8}$ " rd. hd., for fastening Latch Fig. 15 to bottom of Side Door.....	0203
18	Partition, sheet iron.....	30041
19	Wire Conduit, for carrying wires from Mast to Signal Mechanism.....	34337
19a	as above, except with two Tap Bolts Fig. 20.....	
20	Tap Bolt, $\frac{3}{8}$ " x 1" hex. hd. for fastening Wire Conduit Fig. 19 to Signal Mast.....	0597

## Model 2A, Top-of-Mast Signal Mechanism Details

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
<b>Order by plate, figure number and name</b>		
21	Wire Conduit Complete as shown for carrying wires from Signal Mast to Signal Mechanism on Signals giving right hand indication. (1-21b, 1-24, 1-25).....	
21a	as above, except for Signals giving left hand indication (1-21c, 1-24, 1-25).....	
21b	Conduit only, 1½" inside diameter, 20" long, for Conduits Complete Fig. 21 and Fig. 22.....	43355
21c	Conduit only, 1½" inside diameter, 23½" long, for Conduits Complete Fig. 21a and Fig. 22a.....	43356
22	Wire Conduit Complete, same as Fig. 21 except with Coupling Fig. 26 in place of Fig. 25. Used in connection with Conduit Fig. 23 for carrying Wires from Signal Mast to Electric Light on Signals giving right hand indication. (1-21b, 1-24, 1-26).....	
22a	as above, except for Signals giving left hand indication. (1-21c, 1-24, 1-26).....	
23	Wire Conduits Complete as shown. Used in connection with Conduits Fig. 22 and Fig. 22a for carrying wires from Signal Pole to Electric Light. (1-23a, 1-27, 1-28).....	41659
23a	Conduit only, ¾" inside diameter, 2'-7" long, for Conduit Complete Fig. 23.....	43368
24	Coupling, with two ¼" x 1" rd. hd. Screws and one ⅜" x 1" hex. hd. Tap Bolt, used on Signal Mechanism end of Conduits Figs. 21, 21a, 22 and 22a.....	43357
25	Coupling with one ⅜" x 1" hex. hd. Tap Bolt. Used on Signal Mast end of Conduits Fig. 21 and Fig. 21a.....	43359
26	Coupling, with one ⅜" x 1" hex. hd. Tap Bolt and tapped hole for Conduits Fig. 22 and Fig. 22a.....	43358
27	Connector, with Bushing, Lock Nut and one No. 14 x ⅜" rd. hd., Screw. Used on Electric Light end of Conduit Fig. 23. ....	
28	Connector, with one No. 14 x ⅜" rd. hd. Screw. Used on Signal Mast end of Conduit Fig. 23.....	43369
29	Coupling, with two ¼" x ⅝" rd. hd. Screws. Used as Wire Inlet to Mechanism Case.....	35890