

PIECE PART DATA AND REPLACEMENT PROCEDURES

MDF PROTECTORS AND PROTECTOR MOUNTINGS

1. GENERAL

1.01 This section covers the information necessary for ordering parts required for the maintenance of the Nos. 68-A, 68-B, 69-A, 78-A, C50, C52, E50 and E52 protector mountings and the corresponding protectors used on central office main distributing frames. It also covers the piece part information of the Nos. 10, 64-A, 77-A and 77-B protector mountings, which are now rated "MFR. DISC."

1.02 Part 2 of this section covers the piece part numbers and the corresponding names of the parts which it is practicable to replace in the field in the maintenance of the above apparatus. No attempt should be made to replace parts not designated. Part 2 also contains explanatory figures showing the different parts. This information is called "Piece Part Data."

1.03 Part 3 of this section covers tools and general information incident to the replacement of the parts covered under Part 2.

This information is called "Replacement Procedures."

2. PIECE PART DATA

2.01 The figures included in this part show the various piece parts in relation to other parts of the apparatus. The piece part numbers of the various parts are given together with the names of the parts as listed by the Western Electric Merchandise Department.

2.02 When ordering piece parts for replacement purposes, give both the number and the name of the piece part. For example, "P-135316 Contact Spring." Do not refer to the B.S.P. number.

2.03 Parts for protectors rated "MFR. DISC." are not available on order from the Western Electric Co. in the regular manner and, therefore, should be obtained from protectors removed from service.

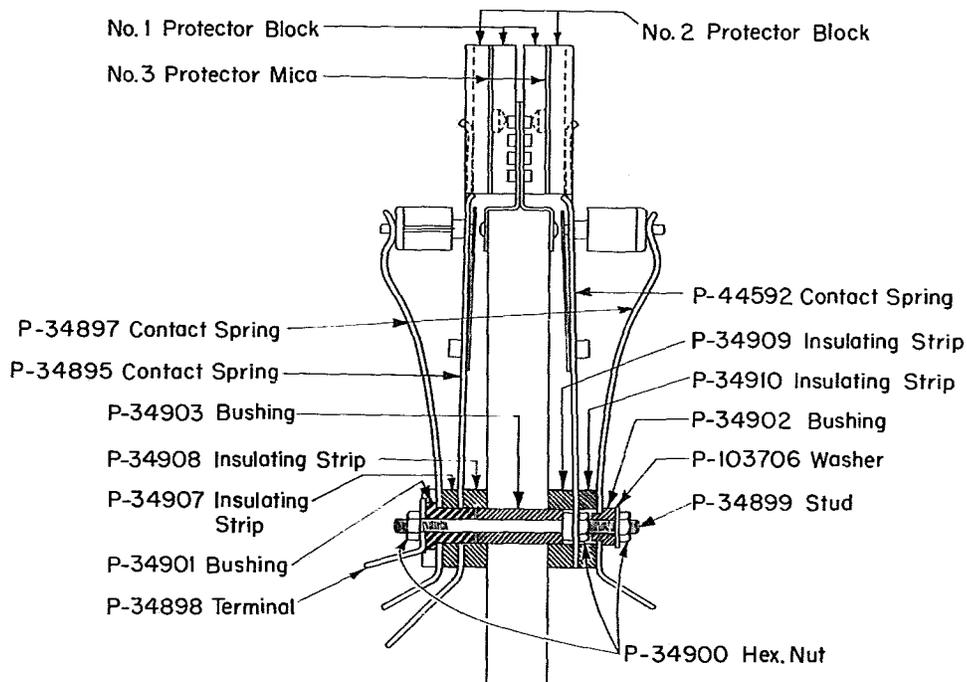


Fig. 1 - Nos. 4-A and 4-C. Protectors
 No. 10 Protector Mounting

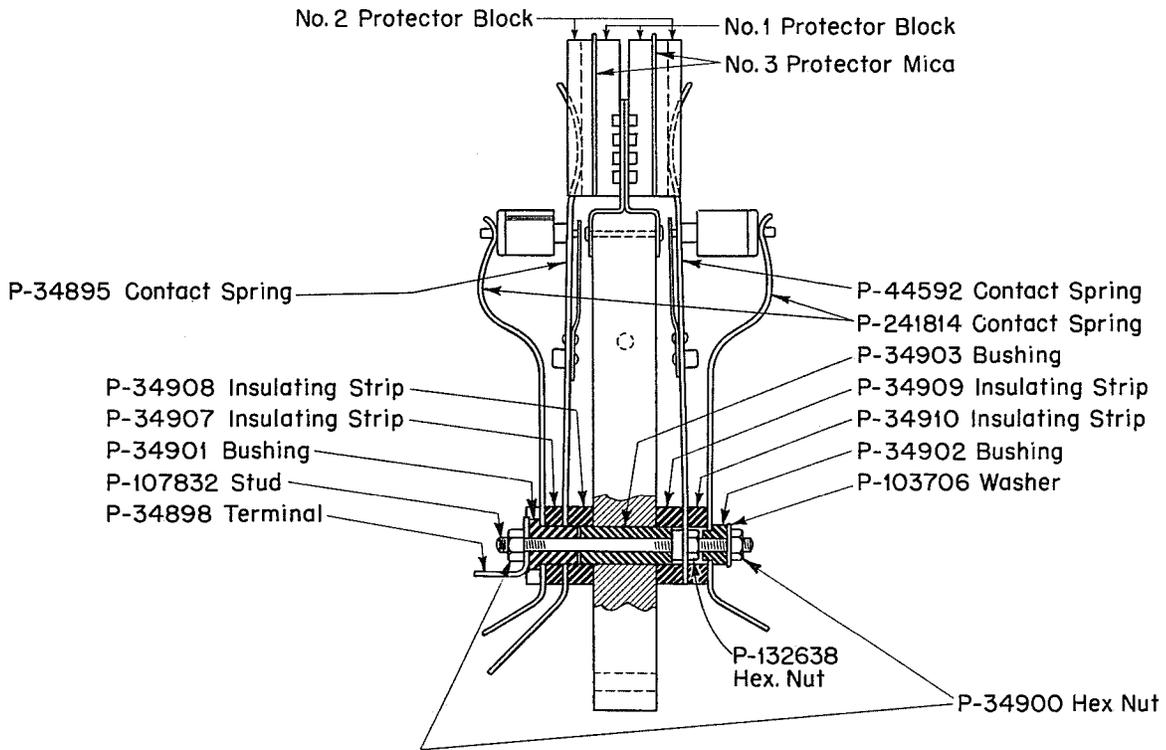
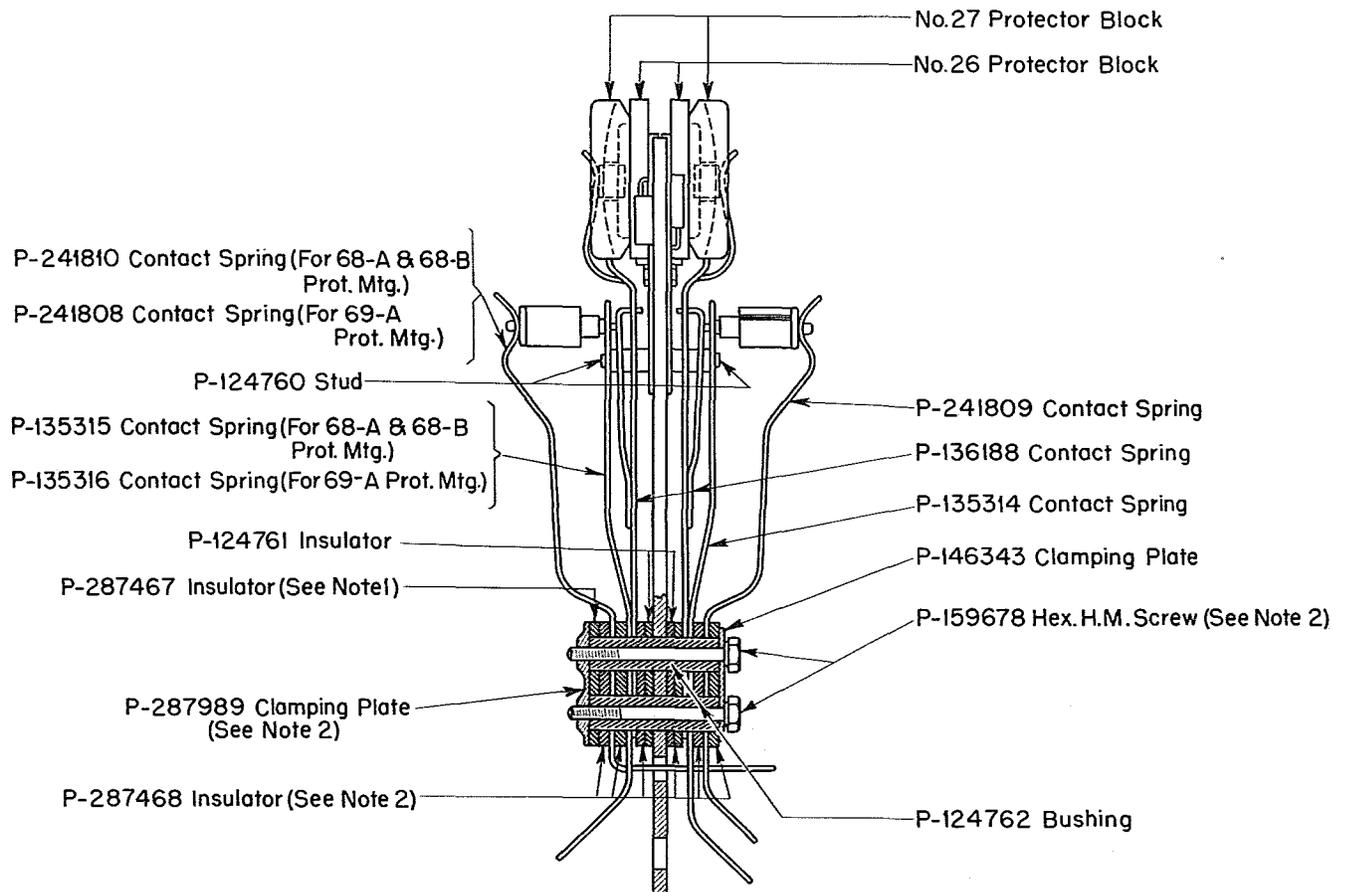


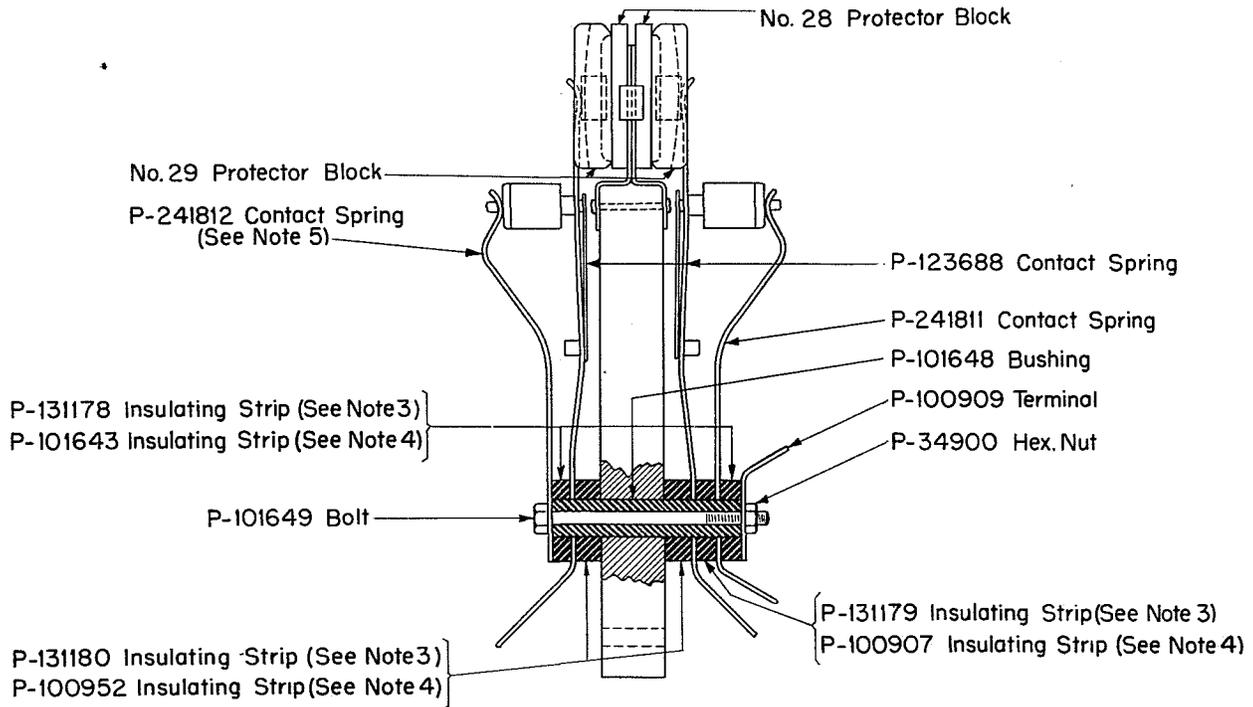
Fig. 2 - Nos. 87-AA and 87-BA Protectors
No. 64-A Protector Mounting



Note 1: When necessary, use insulator P-287467 under clamping plate P-287989 to care for loose springs.

Note 2: The P-159678 Hex. H.M. screw replaces the P-285943 R.H.M. screw, the P-287989 clamping plate replaces the P-126153 Hex. nut and associated P-146343 clamping plate, and the P-287468 insulator replaces two P-124761 insulators, used on earlier protector mountings.

Fig. 3 - Nos. 1268-A, 1268-B and 1269-A Protectors
Nos. 68-A, 68-B and 69-A Protector Mountings



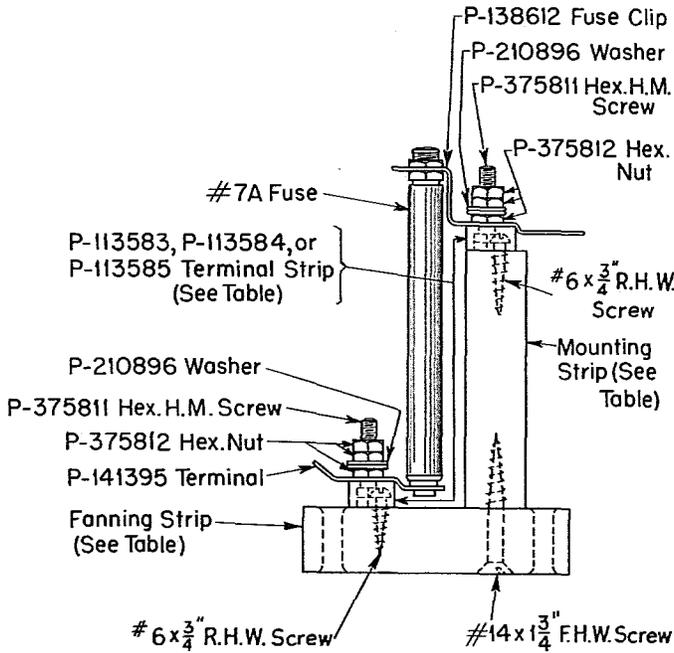
Note 3: Insulating strip for top and bottom sections of mounting bar.

Note 4: Insulating strip for middle sections of mounting bar

Note 5: For bottom assembly of mounting bar, use P-243524 contact spring with a P-234751 clamp under the P-101649 Bolt.

Fig. 4 - Nos. 1177-A and 1177-B Protectors
Nos. 77-A and 77-B Protector Mountings

MOUNTING STRIPS, FANNING STRIPS, AND TERMINAL STRIPS FOR 78-A PROTECTOR MOUNTINGS



No. of Prot. Per Strip	Mounting Strip	Fanning Strip	Terminal Strip (Amount Required Per Mounting Strip)		
			P-113583	P-113584	P-113585
42	P-164004	P-141107	4		8
62	P-164005	P-141108		2	14
82	P-164006	P-141109	4		18
102	P-164007	P-141110		2	24
40	P-164008	P-141115			10
60	P-164009	P-141116		4	12
80	P-164010	P-141117			20
100	P-164011	P-141118		4	22
20	P-164012	P-145106		4	2
30	P-164013	P-145107		2	6
50	P-164014	P-145108	4		10
31	P-164015	P-147765	6		4
52	P-164016	P-147854		4	10
41	P-164017	P-149001	2	4	6
25	P-164018	P-149349	2	4	2
120	P-164019	P-149477			30
132	P-164020	P-149479		4	30
10	P-164021	P-156047	4		
6	P-206517	P-206516		2	
126	P-214954	P-214953		2	30

Fig. 5 - No. 1078-A Protector
No. 78-A Protector Mounting

Note: Additional Insulators, P-235455 may be used between P-283866 and P-235396 Insulators to care for loose springs.

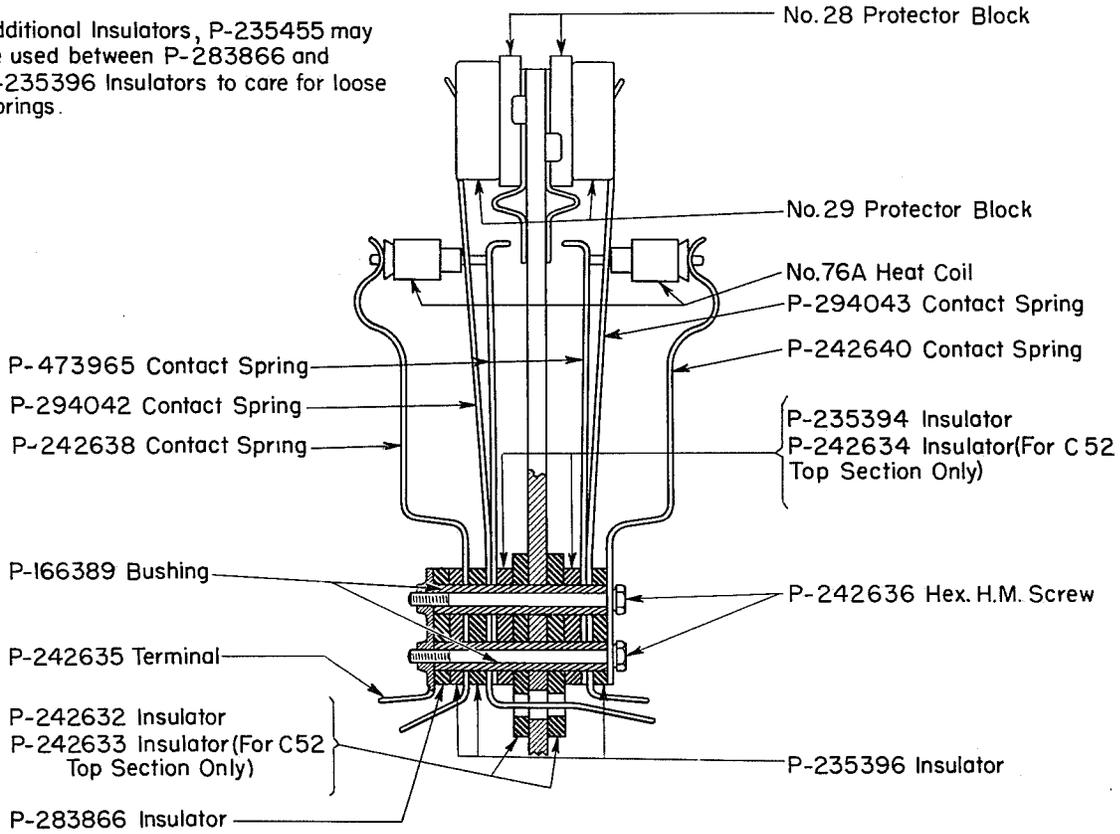


Fig. 6 - C50A and C52A Protectors
C50 and C52 Protector Mountings

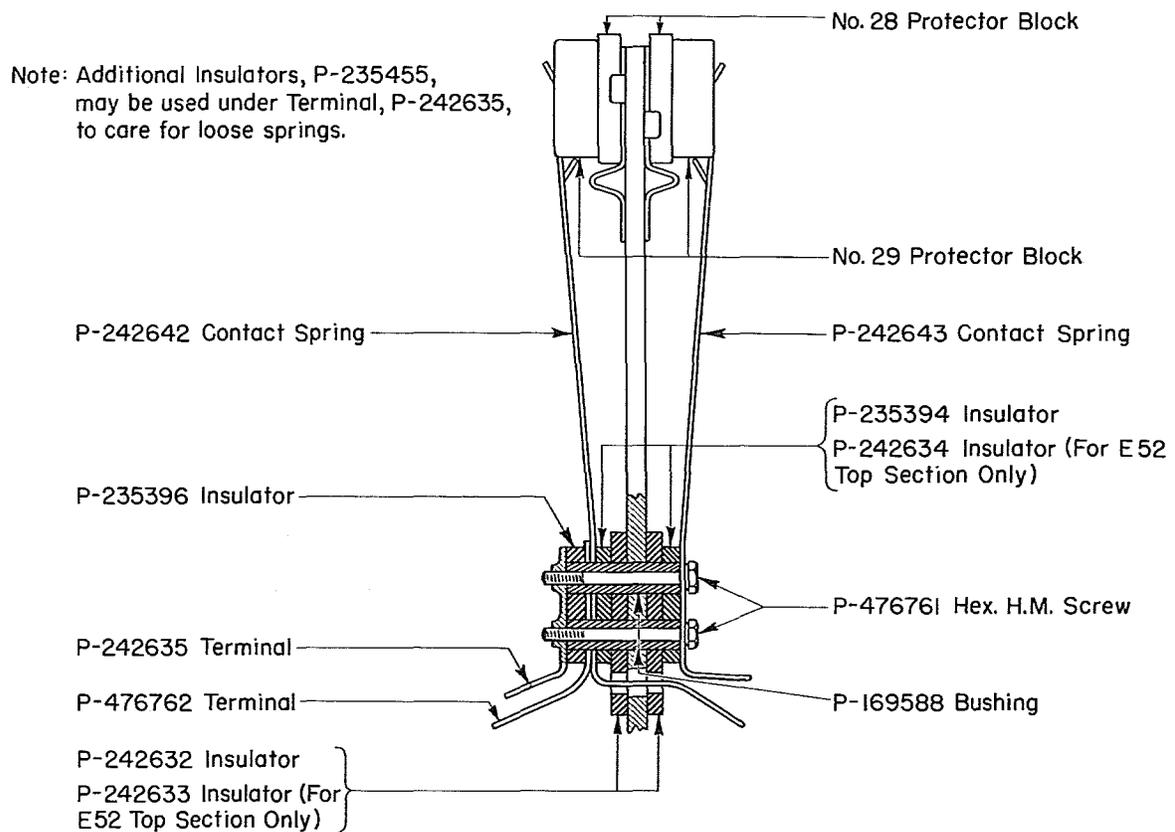


Fig. 7 - E50A and E52A Protectors
E50 and E52 Protector Mountings

3. REPLACEMENT PROCEDURES

3.01 List of Tools

<u>Code No.</u>	<u>Description</u>
447A (2 required)	Protector Wrench and Adjuster
46	Hex. Single End Socket Wrench (For No. 78-A Protector Mounting)

3.02 No replacement procedures are specified because of the simplicity of the replacement operation.