INSPECTION REQUIREMENTS

SELECTORS – 200, 206, 209 AND 211 TYPES

BANKS – 16, 26, AND 32 TYPES

GENERAL EQUIPMENT REQUIREMENTS

COMMON SYSTEMS

TABLE 800-669-182

Lot Range			A	B	C	D	E	F	G
Lot Size (number of selectors in lot) (see note 1)			1 200	201 500	501 850	851 1250	1251 1750	1751 2250	2251 3000
Sample Size (selectors) (see note 3)			All	160	180	230	280	360	400
Inspection Item (see note 4) (For requirements, refer to Section 026-706-701.)		Basis For Counting Defects	Allowable Defect Numbers						
			AN	AN	AN	AN	AN	AN	AN
1. Loose Assembly (w)		Selector	0	2	2	4	5	6	7
2. Burred Screws (w)		"	0	2	2	4	5	6	7
3. Lubrication		"	All samples; the lubrication shall meet the intent of the requirement						
4. Alignment of Tips of Rotor Brushes		"	0	2	2	4	5	6	7
5. Armature Backstop Position		"	0	2	2	4	5	6	7
6. Centering of Rotor Brushes on Terminals		"	0	2	2	4	5	6	7
7. Overthrow Stop Position		"	0	2	2	4	5	6	7
8. Retaining Pawl Position and Tension		"	0	2	2	4	5	6	7
9. Rotor Brush Alignment		"	0	2	2	4	5	6	7
10. Feeder Brush Position		"	0	2	2	4	5	6	7
11. Feeder Brush Tension		"	0	2	2	4	5	6	7
12. Rotor Brush Tension		"	0	2	2	4	5	6	7
13. Rotor Brush Prong Contact		"	0	1	1	2	2	4	4
14. Toeing of Bridging Brushes		"	0	2	2	4	5	6	7
15. Heel Spacing		"	0	2	2	4	5	6	7
16. False Contacting		"	0	2	2	4	5	6	7
17. Clearance Between No. 1 Rotor Brush and Driving Arm		"	0	1	1	2	2	4	4
18. Driving Spring Tension		"	0	2	2	4	5	6	7
19. Armature Endplay		"	0	2	2	4	5	6	7
20. Clearance Between Rear Corner of Armature and Lugs of the Frame		"	0	2	2	4	5	6	7
21. Armature Air Gap		"	0	2	2	4	5	6	7
22. Contact Alignment		"	0	2	2	4	5	6	7
23. Position of Inside Interrupter Spring		"	0	1	1	2	2	4	4
24. Tension of the Outside Interrupter Spring		"	0	2	2	4	5	6	7
25. Driving Pawl Tension and Position: Tension	SI	"	0	2	2	4	5	6	7
26. Driving Pawl Tension and Position: Position	SI	"	0	2	2	4	5	6	7
27. Pawl Guide Positions (209-type selectors only)	SI	"	0	2	2	4	5	6	7
28. Magnet Pull Test	SI	"	0	2	2	4	5	6	7
29. Step Test		"	0	2	2	4	5	6	7
30. Speed		"	(see note 2)						
31. High Voltage Interrupter Contact Test	SI	"	(see note 2)						
32. Low Voltage Interrupter Contact Test	SI	"	(see note 2)						
33. Interrupter Contact Break (209A selector only)	SI	"	0	2	2	4	5	6	7
34. Clearance Between Driving Arm Stud and Outside Interrupter Spring		"	0	1	1	2	2	4	4
35. Notes in Section 026-706-701 (each note separately)		"	0	1	1	2	2	4	4

AN = Allowable Number of defects in sample

SPOTTINESS TABLE

Size of Subsample	3 25	26 70	71 125	126 175	176 200	201 250	251 300	301 350	351 400
SN	2	3	4	6	7	8	10	11	12
SN = Spottiness Number (applying to subsamples).									

Note 1: In determining lots, 209-type selectors shall be considered separately from 200, 206, and 211 types.

Note 2: The lot shall be inspected completely for this item within 12 weeks of turnover.

Note 3: For lot ranges B to G, inclusive, inspection for rotor brush requirements shall be limited to one end of each rotor brush on the selectors of the sample.

Note 4: Except for selectors mounted and wired during installation, inspection for this type of selector is limited to the items designated by SI (Selected Item). Extension of inspection to the remaining items for lots in lot range A shall be made when one defect each in at least two Selected Items has been found. Extension of inspection to the remaining items in ranges B through G shall be made when the AN is exceeded for at least two Selected Items.

Requirements for items marked with a "w" are based on accepted standards of workmanship.

For detailed explanation and use of tables, refer to Section 800-668-180.

REASONS FOR REISSUE

To apply the selected item procedure (PEL5193) to these selectors and to designate the selected items for installer inspection.