

REQUIREMENTS:

1. ALL MOVING PARTS SHALL MOVE FREELY IN THEIR BEARINGS.
2. THE INSULATION BETWEEN ALL METAL PARTS SHALL BE CAPABLE OF WITHSTANDING A 500 VOLT A.C. BREAK-DOWN TEST PER SPEC. X-38, SUPPLEMENT C.
- * 3. WHEN THE HOOK IS IN ITS UPPER POSITION AGAINST THE STOP:
 - 3.1 THE FORCE BETWEEN EACH PAIR OF CONTACTS ON SPRINGS BC AND ED SHALL NOT BE LESS THAN 15 GRAMS, MEASURED AS NEAR TO THE LINE OF CONTACT AS PRACTICAL.
 - 3.2 THERE SHALL BE A SEPARATION BETWEEN EACH PAIR OF CONTACTS ON SPRINGS AB AND GF OF NOT LESS THAN 0.015 INCH.
- * 4. WHEN THE HOOK IS FULLY DEPRESSED (AS SHOWN):
 - 4.1 THE FORCE BETWEEN EACH PAIR OF CONTACTS ON SPRINGS AB AND GF SHALL NOT BE LESS THAN 15 GRAMS, MEASURED AS NEAR TO THE LINE OF CONTACT AS PRACTICAL.
 - 4.2 THERE SHALL BE A SEPARATION BETWEEN EACH PAIR OF CONTACTS ON SPRINGS BC AND ED OF NOT LESS THAN 0.015 INCH.
- * 5. WHEN THE HOOK IS RELEASED FROM ITS LOWEST POSITION, THE CONTACT SEQUENCE SHALL BE AS FOLLOWS:
 - 5.1 ONE PAIR OF CONTACTS ON SPRINGS C AND B SHALL CLOSE PERCEPTIBLY BEFORE EITHER PAIR OF CONTACTS ON SPRINGS D AND E CLOSE.
 - 5.2 BOTH PAIRS OF CONTACTS ON SPRINGS F AND G SHALL OPEN PERCEPTIBLY AFTER BOTH PAIRS OF CONTACTS ON SPRINGS D AND E CLOSE.
 - 5.3 BOTH PAIRS OF CONTACTS ON SPRINGS A AND B SHALL OPEN PERCEPTIBLY BEFORE EITHER PAIR OF CONTACTS ON SPRINGS F AND G OPEN.

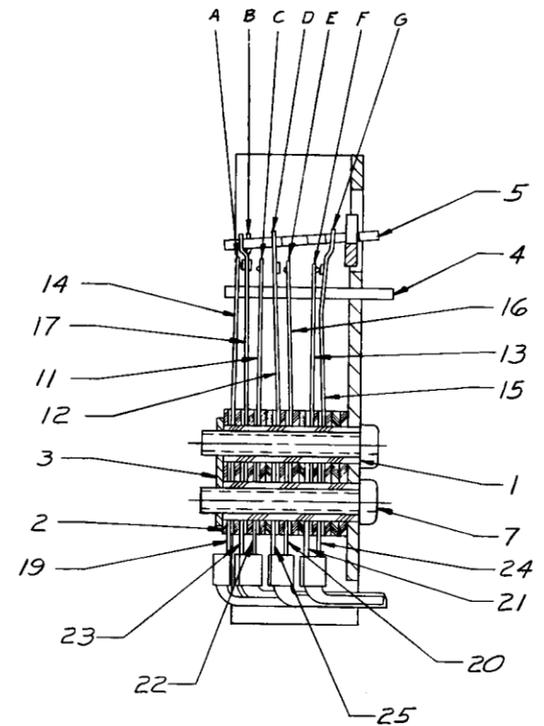
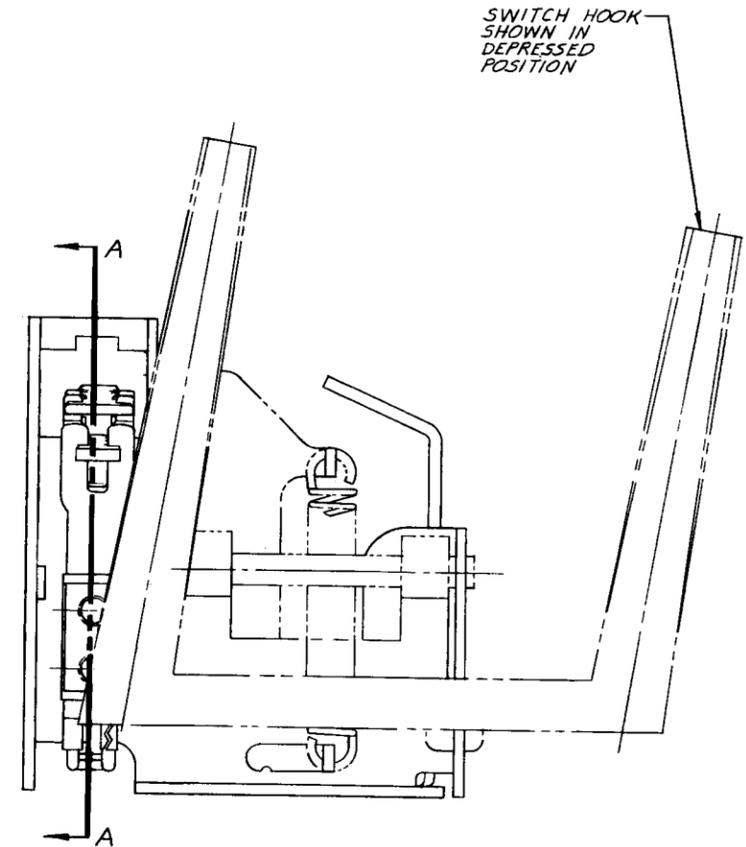
REQUIREMENTS CONTINUED:

- * 6. CONTACT SPRING ASSEMBLIES, P-10E233 AND P-339709 SHALL REMAIN VISUALLY OPEN WHEN A LOAD OF 100 GRAMS IS APPLIED TO SWITCH HOOK AT A LINE LOCATED MIDWAY BETWEEN THE HANDSET SEATING SURFACE.
- * 7. WHEN THE ARM IS DEPRESSED FROM ITS UPPER POSITION, THE CONTACT SEQUENCE SHALL BE AS FOLLOWS:
 - 7.1 ONE PAIR OF CONTACTS ON SPRINGS A AND B SHALL CLOSE BEFORE BOTH PAIRS ON CONTACTS C AND B OPEN.
 - 7.2 ONE PAIR OF CONTACTS ON A AND B SHALL MAKE AND BOTH PAIR OF CONTACTS ON D AND E SHALL OPEN BEFORE BOTH PAIR ON CONTACTS C AND B OPEN.

* - SEE ASSEMBLY NOTE 4

NOTES:

1. LUBRICANT KS 8559 SHALL BE APPLIED TO THE BEARING SURFACES OF BRACKET (ITEM 18), HOOK AND SHAFT. A PERCEPTIBLE FILM OF LUBRICANT SHALL BE OBSERVABLE AT THE POINTS OF APPLICATION.
2. INSULATORS (ITEM 2) SHALL BE BAKED, STORED AND ASSEMBLED AS SPECIFIED ON A-552789.
3. (S) AT ANY TIME UP TO 30 DAYS AFTER ASSEMBLY, THE TORQUE REQUIRED TO TURN THE SPRING PILE-UP SCREWS IN A TIGHTENING DIRECTION SHALL NOT BE LESS THAN 10 LB.-IN.
4. (S) REQUIREMENTS 3, 4, 5, 6 AND 7 APPLY AFTER SWITCH HOOK ASSEMBLY, P-24E277 SHAFT, P-13E124 AND COIL SPRING, P-339687, ARE ASSEMBLED. THESE PARTS ARE SHOWN IN TELEPHONE SET STOCK LIST. THE SWITCH AFTER ASSEMBLY SHALL BE CAPABLE OF MEETING REQUIREMENTS 3, 4, 5, 6 AND 7 AFTER ASSEMBLY IN THE TELEPHONE SET.



SECT. A-A

ITEM	QTY	DESCRIPTION	REQ
25	1	P-43A999	1
24	1	P-43A830	1
23	1	P-25E004	1
22	1	P-25E003	1
21	1	P-13E175	1
20	1	P-13E172	1
19	1	P-13E171	1
18	1	P-26E187	1
17	1	P-18A867	1
16	1	P-18A261	1
15	1	P-10E233	1
14	1	P-339710	1
13	1	P-339709	1
12	1	P-339673	1
11	1	P-339672	1
10			
9			
8			
7	2	P-43A439 SCREW, RHM SPL HEAD	2
6	1		1
5	1	P-13E125 CARD, OPERATING	1
4	1	P-339686 CARD, STATIONARY	1
3	1	P-339683 PLATE	1
2	12	P-339681 INSULATOR	12
1	2	P-335678 BUSHING	2

FOR CHARGES REFER TO DFIG CARD INDEX

BASE ASY P-26E444
 GOOD TEL SET
 USED ON DWG

SWITCH ASSEMBLY

SCALE 2/1
 WESTERN ELECTRIC CO. INC.
 ENGINEER OF MANUFACTURE

STOCK LIST
 UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. NONLIMITED DIMENSIONS OTHER THAN SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS WHEN EXPRESSED:
 TO 2 DECIMAL PLACES & AS ANGLES &
 TO 3 DECIMAL PLACES &
 FOR GENERAL INFORMATION ON SYMBOLS AND NOTES REFER TO MANUFACTURING STANDARD 18.003, PART 2, SECTION 237. (THIS NOTE IS NOT APPLICABLE TO CENTRAL OFFICE EQUIPMENT.)