

Date: Monday, August 25, 2008
To: Simpson260.com
From: Fred Scoles
Subject: Information about the enclosed Simpson 1000 data charts

The data chart that is already on your website is the “Supplemental & Obsolete” list from the last half of the Operations Manual. It was also later reprinted in 3-62 as a separate document titled “Model 1000 Seldom Used and Obsolete Tube Supplement”. Therefore, I am not including this data list.

The main roller data chart I have included is labeled “Model No. 1000, January, 1962”. These photocopied pages were from an original paper roll housed inside a tester; which explains why there are some duplication of a few listings at the bottom and top of each page. This 1962 roll contains the main tube chart data that is not found on any of the “supplement” listings. It is one of the newer (latest) rolls Simpson had published. According to the enclosed 1965 Supplement pages, Simpson had published a May 1964 roller chart, but we have not yet found any copy of this 1964 roller (and may never will). The earliest known Simpson 1000 roller chart was 1954. I have enclosed only the 1962 roller chart because it contains all of the tube data listings that were ever contained in all the earlier roller charts, and the newer listings to that date. We also have file copies of the 1956, 1958, and 1960 roller charts.

The single handwritten data page contains the “missing data” from two places on this roller chart that were repaired years ago with the clear (aka “scotch tape”) tape that darkened the paper to the point of obscuring the data under the repair tape; these places photocopied as solid black. I transcribed this missing data to a page in my handwriting. Every Simpson 1000 roller chart that I’ve seen are all on very thick paper which became very brittle with age. This 1962 chart was in better physical condition than some others I’ve seen. Nowadays, we know to use an acid-free high quality library-quality repair tape on documents that need to last a long time. I’m not sure how you will be including or splicing in this “missing data”, so I have written the ID title lightly in pencil so it may get erased.

Simpson Model 1000 testers are one of the more respected emission-style tube testers, and are still commonly used today, even though the last units were sold new in 1962. It was well designed, durable, dependable, and easy to use. It was the model tube tester that the Eico (kit) company apparently copied (in about 1956) for their Eico Model 666 (and later the Model 667) testers, which became immensely popular. These Simpson and Eico testers are still used by many vintage Radio, HiFi and Electronics enthusiasts. They are bought and sold every day on the internet auction sites such as Ebay. The list price of a new Simpson 1000 was \$133, but only approx \$40 for an unassembled Eico kit.

This Simpson Model 1000 test data is useable with both the Simpson 1000 and the Eico 666 & 667 testers. These printed data listings can be easily set up on either brand tester by applying a simple data/nomenclature translation of the testers’ panel switches and knobs. I have included two photos (black & white, because I don’t have a color printer),

one photo of each of my Simpson 1000 and Eico 667 testers; that shows the panel switches translation (tape labels) from Simpson to Eico, or vice-versa. I will also email to you the color digital photos of these two panels, along with the MSWord file of this memo, so you may edit or use any portion of it. One could also write this panel translation information into a table or small chart, but everyone who has received these photos says they are easy to use with their Simpson or Eico testers.

The Simpson Model 1000 Nuvistor 5-pin adaptor, described on page 9 of the March '63 Supplement has a different pinout scheme from other brands of testers and the various adapter boxes. The Nuvistor data chart in this 1963 supplement matches only this Simpson adaptor's wiring scheme. The commonly found adaptor boxes such as the Eico Models 610 or 610A and the Coletronics B-16, have Nuvistor socket wirings which do not match this Simpson Nuvistor data chart!! This should not create a problem for anyone, because one should always carefully check the pinout diagram of a Nuvistor tube before testing it on a tube tester.

Simpson

INSTRUMENTS THAT STAY ACCURATE

**SUPPLEMENT
TUBE TEST DATA
FOR
MODEL 1000**

COMPACTRON, NOVAR, NUVISTOR
10 PIN, RIMLOCK, MAGNOVAL
(SYLVANIA) AND 10 PIN (AMPEREX)

JANUARY 1965

SIMPSON ELECTRIC COMPANY

5200 W. Kinzie St., Chicago, Illinois 60644
Area Code 312, Telephone 379-1121
In Canada, Bach-Simpson, Ltd., London, Ontario

JANUARY 1965 ROLL CHART SUPPLEMENT

MODEL 1000

TUBE	FIL.	BIAS	RANGE	TOGGLES	SHORTS	QUALITY
1AU2	1.25	0	60	255-105-555-023	A	A
2HA5	2.0	0	60	^{cr 3} 401-020-500-013	ABEF	E
2HK5	2.0	0	65	401-020-500-012	ABEF	E
2HM5	2.5	0	60	401-020-500-013	ABEF	E
3CA3	3.6	0	70	515-555-055-333	J	J
3HA5	2.8	0	60	401-020-500-013	ABEF	E
3HK5	2.8	0	65	401-020-500-012	ABEF	E
3HM5	2.8	0	63	401-020-500-013	ABEF	E
3JC6	2.8	25	40	045-105-320-022	ABGHI	G
3JD6	2.8	25	35	045-105-320-022	ABGHI	G
3KF8 Pen.2	2.8	37	55	023-100-400-023	ABCFG	C
3KF8 Pen.1	2.8	37	55	020-100-430-023	ABGHI	H
4GZ5	3.6	25	25	041-052-200-022	ABFG	G
4HA5	3.6	0	60	401-020-500-013	ABEF	E
4HG8 Tri.	3.6	0	40	005-104-300-002	AFG	G
4HG8 Pen.	3.6	40	55	045-100-032-022	ABHI	H
4HM5	3.6	0	66	401-020-500-013	ABEF	E
4JC6	3.6	25	35	045-105-320-022	ABGHI	G
4JD6	3.6	25	25	045-105-320-022	ABGHI	G
4JL6	3.6	25	30	401-022-000-033	ABEFG	E
4JK6	3.6	25	95	401-022-000-011	ABEFG	E
4HK5	3.6	0	65	401-020-500-012	ABEF	E
4KF8 Pen.2	3.6	37	60	023-100-400-023	ABCFG	C
4KF8 Pen.1	3.6	37	60	020-100-430-023	ABGHI	H
4GJ7 Tri.	3.6	0	40	005-100-024-034	AHI	H
4GJ7 Pen.	3.6	0	75	045-103-200-034	ABFG	F
5DJ4 Plate.1	5.0	0	25	515-535-050-000	E	E
5DJ4 Plate.2	5.0	0	25	513-555-050-000	C	C
5GJ7 Tri.	5.0	0	40	005-100-024-034	AHI	H
5GJ7 Pen.	5.0	0	70	045-103-200-034	ABFG	F
5HG8 Tri.	5.0	0	30	005-104-300-002	AFG	G
5HG8 Pen.	5.0	40	43	045-100-032-022	ABHI	H
5JK6	5.0	25	95	401-022-000-011	ABEFG	E
5JL6	5.0	25	30	401-022-000-033	ABEFG	E
5KE8 Tri.	5.0	0	95	200-100-004-023	AHI	A
5KE8 Pen.	5.0	25	60	042-103-000-022	BCFG	F
5KD8 Tri.	5.0	0	80	300-100-004-012	AHI	A
5KD8 Pen.	5.0	0	50	042-103-000-013	BCFG	F

6AL5	6.3	0	28	555-105-553-000	IJ	I
6BR5						
Target Open	6.3	0	90	405-105-253-013	ABGI	G
6BR5						
Target Closed	6.3	0	25	405-105-353-013		G
6CF8	6.3	25	75	200-103-004-012	ACFHI	F
6FG6A						
Target Open	6.3	0	70	450-103-253-013	ACFGI	I
6FG6A						
Target Closed	6.3	0	70	450-103-353-013	GI	I
6GJ7 Tri.	6.3	0	40	005-100-024-034	AHI	H
6GJ7 Pen.	6.3	0	70	045-103-200-034	ABFG	F
6GM8 Tri.2	6.3	0	18	240-100-000-034	ABC	A
6GM8 Tri.1	6.3	0	18	000-102-400-034	FGH	F
6GQ7 Dio.3	6.3	0	85	025-100-000-031	AB	B
6GQ7 Dio.2	6.3	0	85	005-102-000-031	FG	F
6GQ7 Dio.1	6.3	0	85	005-100-020-031	HI	H
6GV8 Tri.	6.3	0	65	340-100-000-023	ABC	A
6GV8 Pen.	6.3	0	80	000-103-304-001	FGHI	F
6HA5	6.3	0	60	401-020-500-013	ABEF	E
6HB7 Tri.	6.3	0	87	005-100-034-033	AHI	H
6HB7 Pen.	6.3	30	60	045-103-200-033	ABFG	F
6HG5	6.3	25	30	401-032-500-033	ABEF	E
6HG8 Tri.	6.3	0	30	005-104-300-002	AFG	G
6HG8 Pen.	6.3	40	43	045-100-032-022	ABHI	H
6HJ8 Pen.	6.3	30	67	042-103-000-022	ABCFI	F
6HJ8 Dio.	6.3	0	65	000-100-040-034	GH	H
6HL8 Tri.	6.3	0	40	200-100-004-013	AHI	A
6HL8 Pen.	6.3	35	40	042-103-000-022	BCFG	F
6HK5	6.3	0	65	401-020-500-012	ABEF	E
6HM5	6.3	0	60	401-020-500-013	ABEF	E
6HZ6	6.3	30	15	401-022-000-023	ABEFG	E
6HU6						
Target Open	6.3	25	40	450-103-253-012	ACFGI	I
6HU6						
Target Closed	6.3	25	40	450-103-353-012	I	I
6JC6	6.3	25	35	045-105-320-022	ABGHI	G
6JD6	6.3	25	25	045-105-320-022	ABGHI	G
6JE6	6.3	50	70	240-105-505-320	ABHJ	J
6JH6	6.3	25	60	401-022-000-022	ABEFG	E
6JK6	6.3	25	95	401-022-000-011	ABEFG	E
6JL6	6.3	25	30	401-022-000-033	ABEFG	E
6KE8 Tri.	6.3	0	95	200-100-004-023	AHI	A
6KE8 Pen.	6.3	25	60	042-103-000-022	BCFG	F

6KF8 Pen.2	6.3	37	50	023-100-400-023	ABCFG	C
6ZF8 Pen.1	6.3	37	50	020-100-430-023	ABGHI	H
6KUS Pen.	6.3	25	60	000-100-423-032	FGHI	I
6KUS Dia.1	6.3	0	25	002-100-000-033	AC	C
6KUS Dia.2	6.3	0	25	020-100-000-033	AB	B
6KV8 Tri.	6.3	0	85	042-100-000-013	ABC	C
6KV8 Pen.	6.3	30	75	000-103-042-011	FGHI	F
6KY8 Tri.	6.3	0	65	000-100-034-013	AHI	H
6KY8 Pen.	6.3	40	60	040-102-200-022	BCFG	F
6KZ8 Tri.	6.3	0	80	300-100-034-013	AHI	A
6KZ8 Pen.	6.3	25	65	040-103-200-022	BCFG	F
6LB8 Tri.	6.3	0	60	042-100-000-013	ABC	C
6LB8 Pen.	6.3	35	85	000-100-423-032	FGHI	I
6LC8 Tri.	6.3	0	45	340-100-000-013	ABC	A
6LC8 Pen.	6.3	0	87	000-104-023-013	CFGHI	I
6LF8 Tri.	6.3	0	25	043-100-000-013	ABC	C
6LF8 Pen.	6.3	25	40	000-100-423-033	FGHI	I
6LM8 Tri.	6.3	0	90	200-100-004-023	AHI	A
6LM8 Pen.	6.3	30	43	042-103-000-022	BCFG	F
6R3	6.3	0	37	555-105-553-000	IJ	I
7AN7 Tri.2	7.5	0	65	042-010-050-023	ABC	C
7AN7 Tri.1	7.5	0	65	000-014-052-023	FGI	I
7ES8 Tri.2	7.5	0	50	340-105-400-012	ABC	A
7ES8 Tri.1	7.5	0	50	540-103-400-012	FGH	F
7HG8 Tri.	7.5	0	30	005-104-300-002	AFG	G
7HG8 Pen.	7.5	40	43	045-100-032-022	ABHI	H
8A8 Tri.	7.5	0	52	350-105-004-002	AHI	A
8A8 Pen.	7.5	30	50	542-103-000-012	BCFG	F
8HG8 Tri.	7.5	0	35	005-104-300-002	AFG	G
8HG8 Pen.	7.5	40	50	045-100-032-022	ABHI	H
8GJ7 Tri.	7.5	0	40	005-100-024-034	AHI	H
8GJ7 Pen.	7.5	0	70	045-103-200-034	ABFG	F
8JV8 Tri.	7.5	0	25	043-100-000-013	ABC	C
8JV8 Pen.	7.5	70	77	000-100-423-021	FGHI	I
8LCS Tri.	7.5	0	50	340-100-000-013	ABC	A
8LCS Pen.	7.5	0	90	000-104-023-013	CFGHI	I
9AB4	10	50	50	201-004-000-033	AFG	A
9A8 Tri.	7.5	0	52	350-105-004-002	AHI	A
9A8 Pen.	7.5	30	50	542-103-004-012	BCFG	F
9CG8A Tri.	10	0	80	420-100-050-023	ABC	B
9CG8A Pen.	10	25	10	000-103-254-012	CFG I	F
9GV8 Tri.	10	0	65	340-100-000-023	ABC	A
9GV8 Pen.	10	0	80	000-103-304-001	FGHI	F
9JC8 Tri.	10	0	35	000-100-543-023	AH I	I
9JC8 Pen.	10	50	15	042-103-500-012	ABCF	F

9KZ8 Tri.	10	0	80	300-100-004-012	AHT	A
9KZ8 Pen.	10	25	65	040-103-200-022	BCFG	F
10DX8 Tri.	10	0	58	430-100-000-013	ABC	B
10DX8 Pen.	10	30	77	000-103-042-011	FGHI	F
10KU8 Pen.	10	25	70	000-100-423-032	FGHI	I
10KU8 Dio.1	10	0	25	002-100-000-033	AC	C
10KU8 Dio.2	10	0	25	020-100-000-033	AB	B
10LB8 Tri.	10	0	60	042-100-000-013	ABC	C
10LB8 Pen.	10	35	85	000-100-423-032	FGHI	I
11KV8 Tri.	10	0	93	042-100-000-013	ABC	C
11KV8 Pen.	10	30	75	000-100-423-023	FGHI	I
12DQ4	12.6	0	75	000-030-100-020	CE	E
12FV7 Tri.2	12.6	0	60	340-100-005-033	ABC	A
12FV7 Tri.1	12.6	0	60	000-103-405-033	FGH	F
12GN7	12.6	25	50	040-105-325-032	ABCGH	G
12U7 Tri.2	12.6	30	75	240-100-005-033	ABC	A
12U7 Tri.1	12.6	30	75	000-102-405-033	FGH	F
14GW8 Tri.	14	0	50	400-100-003-024	ABI	I
14GW8 Pen.	14	80	75	002-103-040-032	CFGH	F
15DQ8 Tri.	14	0	65	430-100-000-013	ABC	B
15DQ8 Pen.	14	30	83	000-103-042-011	FGHI	F
15HB6	14	45	38	040-105-325-011	ABCGH	G
15KY8 Tri.	14	0	65	000-100-034-013	AHI	H
15KY8 Pen.	14	40	60	040-102-200-022	BCFG	F
16AQ3	14	0	28	555-105-552-000	IJ	I
17BR3	14	0	10	525-105-555-021	BJ	B
17C8 Pen	19	40	28	240-103-550-033	ABCF	F
17C8 Dio.1	19	0	15	000-100-220-033	CG	G
17C8 Dio.2	19	0	15	000-100-220-033	CH	H
17CQ4	14	0	75	000-020-100-010	CE	E
17DQ4	14	0	75	000-030-100-020	CE	E
18GV8 Tri.	19	0	65	340-100-000-023	ABC	A
18GV8 Pen.	19	0	80	000-103-304-001	FGHI	F
19BY7	19	50	93	040-105-325-032	ABCGH	G
19EW7 Tri.2	19	0	65	345-100-000-011	ABI	A
19EW7 Tri.1	19	0	70	005-103-400-012	FGH	F
19FL8 Pen.	19	45	35	240-103-550-033	ABCF	F
19FL8 Dio.1	19	0	60	000-100-220-033	CG	G
19FL8 Dio.2	19	0	60	000-100-220-033	CH	H
19GK8 Tri.	19	0	95	240-100-000-023	ABC	A
19GK8 Pen.	19	25	65	000-103-204-022	FGHI	F

19GQ7 Dio.3	19	0	85	025-100-000-031	AB	B
19GQ7 Dio.2	19	0	85	005-102-000-031	FG	F
19GQ7 Dio.1	19	0	85	005-100-020-031	HI	H
30AE3	28	0	80	555-105-552-000	IJ	I
30CW5	28	50	45	540-105-352-021	BCGI	G
8113	6.3	25	25	401-022-500-022	ABEF	E
85A1	0	0	87	030-500-000-021	BH	B
OE3	0	0	87	030-500-000-021	BH	B

ADDITIONAL TYPES

6DQ4	6.3	0	75	000-030-100-020	CE	E
6DT4	6.3	0	70	500-030-100-020	CE	E
6GU7 Tri.2	6.3	0	47	340-100-000-002	ABC	A
6GU7 Tri.1	6.3	0	47	000-103-400-002	FGH	F
6CK6	6.3	25	25	540-105-220-022	BCFGH	G
6CW7 Tri.2	6.3	0	70	042-010-050-023	ABC	C
6CW7 Tri.1	6.3	0	70	000-014-052-023	FGI	I
1230	2.0	7	77	124-000-000-002	BC	B
10CW5	10	47	33	540-105-352-021	BCGI	G
10GK6	10	30	50	040-105-325-011	ABCGH	G
5HB7 Tri.	5.0	0	87	005-100-034-033	AHI	H
5HB7 Pen.	5.0	30	60	045-103-200-033	ABFG	F
6HZ6	6.3	30	80	401-032-000-022	ABEFG	E
15EW7 Tri.2	14	0	70	345-100-000-011	ABI	A
15EW7 Tri.1	14	0	75	005-103-400-012	FGH	F
20EW7 Tri.2	19	0	70	345-100-000-011	ABI	A
20EW7 Tri.1	19	0	75	005-103-400-012	FGH	F
EL500	6.3	0	50	450-103-555-301	ACFJ	J
AL500	12,6	0	45	450-103-555-301	ACFJ	J
PL500	28	0	40	450-103-555-301	ACFJ	J

CORRECTIONS TO MODEL 1000
MAY 1964 ROLL CHART

TUBE	FIL.	BIAS	RANGE	TOGGLES	SHORTS	VALUE
0A2	25	0	70	315-555-500-022		
1AF4			85			
1AH5			95	150-234-000-024		
1AJ4	1.4		85			
1M3 Target Full				455-105-530-014		
3C4			25	132-504-000-023		
5AM8 Pen.				042-103-050-033		
5AN8 Pen.		15	75			
6AB4		50	65	201-004-000-033		
6AK5		23	66	401-032-500-022		
6AM8 Pen.				042-103-050-033		
6AN8 Pen		15	75			
6AV5		40	60	410-030-020-010		
6CA4 P-2					CG	
6DU6 Target Open						I
6DU6 Target Closed						I
7AN7 Tri.2		0	65	042-010-050-023		
7AN7 Tri.1		0	65	000-014-052-023		
12AV5		40	60	410-030-020-010		
17AV5	14	40	75	410-030-020-010		
25AV5		40	70	410-030-020-010		
12CA5					ABFG	
7189A			75	540-105-353-021	BCGI	
7408			20	013-340-000-001		
7591		15	65	013-304-050-021		
ECL 86 Tri.		0	50	400-100-003-024	ABI	I
6EM7 Tri.2		0	50	430-000-010-032		
6EM7 Tri.1		0	65	000-430-010-013		
10EM7 Tri.2		0	50	430-000-010-032		
10EM7 Tri.1		0	65	000-430-010-013		
13EM7 Tri.2		0	55	430-000-010-032		
13EM7 Tri.1		0	65	000-430-010-013		

MODEL 1000 ROLL CHART SUPPLEMENT

For tubes requiring the use of an adapter.

(Use EICO Model 610 or equivalent in conjunction with Simpson 0-008458 lead)

TUBE	FIL.	BIAS.	RANGE	SELECTORS	PUSH BUTTONS SHORTS	QUALITY
1AD2 Key 0 Insert lead in pin #4 of 4 pin tube socket connect clip to cap of adapter.	1.25	0	78	155-055-555-213	J	J
2AH2 Key 0 Insert lead in pin #4 of 4 pin tube socket connect clip to cap of adapter.	2.0	0	93	055-155-555-212	J	J
2AS2 Key 0 Insert lead in pin #4 of 4 pin tube socket connect clip to cap of adapter.	2.5	0	90	055-055-555-212	J	J
2CW4	2.0	0	65	030-410-000-023	BDH	B
2DS4	2.0	0	65	030-410-000-023	BDH	B
2DV4	2.0	0	80	250-415-000-023	ADG	A
3AT2 Key 0 Insert lead in pin #4 of 4 pin tube socket connect clip to cap of adapter.	2.8	0	70	055-055-555-212	J	J
4HA7 Tri.2 Key 3 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	3.6	0	60	415-030-555-024	AEF	F
4HA7 Tri.1 Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	3.6	0	25	425-051-550-013	ABI	A
4HC7 Tri.2 Key 3 No connections required	3.6	0	95	400-130-555-013	AEF	E
4HC7 Tri.1 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	3.6	0	87	150-055-254-034	DGI	G
5BC3 Plate.2	5.0	0	40	150-535-555-000	E	E
5BC3 Plate.1	5.0	0	40	150-555-553-000	I	I
5HC7 Tri.2 Key 3 No connections required.	5.0	0	90	400-130-555-013	AEF	E
5HC7 Tri.1 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	5.0	0	75	150-055-254-034	DGI	G
6AF11 Tri.1 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	30	155-004-535-013	EFH	H
6AF11 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	0	0	104-355-055-013	CDG	D

6AF11 Pen. Key 5	6.3	0	10	024-001-555-000 ?	ABCG	G
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
6AG11 Tri.2 Key 0	6.3	0	65	051-043-555-023	DEF	F
Insert lead in pin #3 of 4 pin tube socket connect to cap of adapter.						
6AG11 Tri.1 Key 0	6.3	0	65	051-555-340-023	GHI	G
Same connections as above.						
6AG11 Dio.2 Key 0	6.3	0	0	102-055-555-032	BC	C
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
6AG11 Dio.1 Key 5	6.3	0	0	520-051-555-032	BC	B
Same connections as above.						
6AL11 Pen.2 Key 0	6.3	0	80	104-003-255-013	BCDFG	F
Insert lead in pin #5 of 5 pin socket connect to cap of adapter.						
6AL11 Pen.1 Key 6	6.3	0	33	403-305-155-012	ABCD	D
Same connections as above.						
6AR11 Pen.2 Key 0	6.3	0	85	133-040-055-012	BCDEF	B
Insert lead in pin #7 of 7 pin socket connect to cap of adapter.						
6AR11 Pen.1 Key 8	6.3	0	85	503-340-150-012	BCDEF	C
Same connections as above.						
6AS11 Tri.1 Key 0	6.3	0	25	055-104-535-003	EFH	H
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
6AS11 Tri.2 Key 0	6.3	0	95	014-355-055-002	CDG	D
Insert lead in pin #2 of 4 pin socket connect to cap of adapter.						
6AS11 Pen. Key 5	6.3	0	55	034-150-355-022	ABCG	G
Insert lead in pin #6 of 7 pin socket connect to cap of adapter.						
6AV11 Tri.3 Key 4	6.3	0	65	541-503-055-002	BFG	F
Insert lead in pin #5 of 5 pin socket connect to cap of adapter.						
6AV11 Tri.2 Key 5	6.3	0	65	435-051-550-002	ABI	B
Insert lead in pin #4 of 5 pin socket connect to cap of adapter.						
6AV11 Tri.1 Key 0	6.3	0	65	155-030-455-002	EFG	E
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
GAX3 Key C	6.3	0	25	105-355-055-000	DG	D
Insert lead in pin #2 of 4 pin socket connect to cap of adapter.						

6AY3	6.3	0	15	535-105-550-010	BI	B
6AY11 Tri.2 Key 0	6.3	0	45	051-043-555-024	DEF	F
Insert lead in pin #3 of 4 pin socket connect to cap of adapter.						
6AY11 Tri.1 Key 0	6.3	0	45	051-555-340-024	GHI	G
Same connections as above.						
6AY11 Dio.2 Key 0	6.3	0	0	102-055-555-032	BC	C
Insert lead in Pin #4 of 4 pin socket connect to cap of adapter.						
6AY11 Dio.1 Key 5	6.3	0	0	520-051-555-032	BC	B
Same connections as above.						
6B10 Tri.2 KEY 0	6.3	0	70	104-305-555-002	BCD	D
Insert lead in pin #5 of 5 pin socket connect to cap of adapter.						
6B10 Tri.1 Key 0	6.3	0	70	155-043-055-002	EFG	F
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
6B10 Dio.2	6.3	0	55	520-201-505-032	BC	B
6B10 Dio.1	6.3	0	55	520-201-505-032	DC	D
Key 7 Insert lead in pin #6 of 7 pin socket connect to cap of adapter.						
6BA11 Pen.2 Key 0	6.3	0	40	132-400-000-014	BCDEH	B
Insert lead in pin #7 of 7 pin socket connect to cap of adapter.						
6BA11 Pen.1 Key 0	6.3	0	40	102-403-000-014	CDFGH	F
Insert lead in pin #2 of 4 pin socket connect to cap of adapter.						
6BA11 Tri. Key 5	6.3	0	75	402-100-000-023	ABC	C
Insert lead in pin #6 of 7 pin socket connect to cap of adapter.						
6BD11 Tri.1 Key 0	6.3	0	30	055-104-533-003	EFH	H
Insert lead in pin #4 of 4 pin socket connect to cap of adapter.						
6BD11 Tri.2 Key 0	6.3	0	95	014-355-055-002	CDG	D
Insert lead in Pin #2 of 4 pin socket connect to cap of adapter.						
6BD11 Pen. Key 5	6.3	0	35	034-150-355-023	ABCG	G
Insert lead in pin #6 of 7 pin socket connect to cap of adapter.						
6BE3 Key 0	6.3	0	75	150-355-055-020	DG	D
Insert lead in Pin #3 of 4 pin socket connect to cap of adapter.						

6BF11 Pen.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	50	104-002-300-024	BCEFG	G
6BF11 Pen.1 Key 6 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	6.3	0	75	402-310-000-033	ABCD	D
6BH3	6.3	0	15	535-105-550-010	BI	B
6BJ3 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	0	75	105-355-055-020	DG	D
6BS3	6.3	0	12	535-105-550-010	BI	B
6CW4	6.3	0	50	030-410-000-023	BDH	B
6C10 Tri.1 Key 5 Insert lead in Pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	85	435-150-550-003	ABI	B
6C10 Tri.2 Same connections as above.	6.3	0	85	554-150-300-003	CGH	G
6C10 Tri.1 Key 0 Same connections as above.	6.3	0	85	155-030-400-003	EFG	E
6C9 Tet.2	6.3	0	75	433-100-000-002	ABCJ	C
6C9 Tet.1 Connect Model 1000 plate cap lead to cap of adapter.	6.3	0	75	000-100-433-002	FGHI	I
6D10 Tri.1 Key 5 Insert lead in pin #4 of 5 pin socket connect to cap of adapter.	6.3	0	15	435-051-550-003	ABI	B
6D10 Tri.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	15	155-030-450-003	EFG	E
6D10 Tri.3 Key 4 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	15	541-503-055-003	BFG	F
6DS4	6.3	0	55	030-410-000-023	BDH	B
6DV4	6.3	0	80	250-415-000-023	ADG	A
6DW4	6.3	0	15	535-105-550-010	BI	B
6FJ7 Tri.1 Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	75	043-051-555-002	ABC	C
6FJ7 Tri.2 Key 0 Same connections as above.	6.3	0	23	154-035-055-002	CEG	E
6FM7 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	50	90	104-520-050-031	CEG	E

6FM7 Tri.1 Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	65	043-100-555-013	ABC	G
6FY7 Tri.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	60	154-035-055-001	CEG	E
6FY7 Tri.1 Key 5 Same connections as above.	6.3	0	70	043-150-555-003	ABC	C
6FC7 Tri.2 6FC7 Tri.1	6.3	0	47	340-100-000-012 000-103-400-012	ABC FGH	A F
6GA7 Pen. Key 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	6.3	0	45	135-400-355-001	BDEG	G
6GA7 Dio. Key 6 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	75	055-301-055-020	AD	D
6GE5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	93	124-005-355-001	BCDG	G
6GF5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	93	124-005-355-001	BCDG	G
6GF7 Tri.2 6GF7 Tri.1	6.3	0	65 70	040-103-500-032 000-100-534-034	BCF AHI	F H
6GJ5	6.3	25	18	340-105-555-331	ABCJ	J
6GT5	6.3	25	10	340-105-553-031	ABCI	I
6GV5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	25	35	102-045-555-232	CDEJ	J
6GY5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	0	65	103-045-555-301	CDEJ	J
6G11 Pen.2 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	87	104-003-255-013	BCDFG	F
6G11 Pen.1 Key 6 Same connections as above.	6.3	0	67	403-305-155-011	ABCD	D
6HB5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	25	90	124-005-355-031	BCDG	G

6HD5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	35	25	102-045-355-021	CDEG	G
6HE5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	90	143-003-555-001	BCDF	F
6HF5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	6.3	25	85	102-045-555-231	CDEJ	J
6HJ5 Key 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	6.3	35	75	104-020-355-020	BCDEG	G
6JB6	6.3	25	35	240-105-500-232	ABCHJ	J
6JE6A	6.3	50	70	240-105-505-320	ABCHJ	J
6JG6	6.3	60	70	240-100-553-020	ABCFI	I
6JM6 Key at 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	6.3	50	90	102-040-555-320	BCDEJ	J
6JN6 Key 5 Insert lead in pin #1 of 6 pin socket connect to cap of adapter.	6.3	75	95	254-051-020-020	ACGHI	A
6JT6	6.3	25	65	240-100-503-010	ABCHI	I
6J9 Tri.3	6.3	0	10	340-100-000-003	ABC	A
6J9 Tri.2	6.3	0	10	000-103-004-003	FIJ	F
6J9 Tri.1 Connect Model 1000 Plate cap to cap of adapter.	6.3	0	10	000-100-430-003	GHJ	H
6J10 Pen.1 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	6.3	40	25	150-302-405-024	DEFGH	D
6J10 Pen.2 Key 3 Same connections as above.	6.3	0	25	413-020-555-023	ACEF	C
6J11 Pen.2 Key 0 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	6.3	0	43	133-040-055-003	BCDEF	C
6J11 Pen.1 Key 8 Same connections as above.	6.3	0	43	530-304-051-003	BCDEF	D
6JZ8 Pen. Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	6.3	0	75	150-354-530-001	DPHI	D
6JZ8 Tri. Key 6 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	30	554-015-035-023	CDH	H

6K11 Tri.3 Key 3 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	77	410-030-555-003	AEF	E
6K11 Tri.2 Key 0 Same connections as above.	6.3	0	77	155-030-455-003	EFG	E
6K11 Tri.1 Key 5 Same connections as above.	6.3	0	70	435-051-550-012	ABI	B
6M11 Pen. Key 5 No connections required.	6.3	0	52	513-051-435-002	BCGH	C
6M11 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect cap to adapter.	6.3	0	10	105-043-555-003	DEF	F
6M11 Tri.1 Key 0 Same connections as above.	6.3	0	10	105-555-340-003	GHI	G
6Q11 Tri.3 Key 3 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	87	410-030-555-003	AEF	E
6Q11 Tri.2 Key 0 Same connections as above.	6.3	0	87	155-030-455-003	EFG	E
6Q11 Tri.1 Key 5 Same connections as above.	6.3	0	67	435-051-550-012	ABI	B
6T9 Tri. Key 0 Insert lead in Pin#3 of 4 pin socket connect to cap of adapter.	6.3	0	85	130-405-555-013	BDE	B
6T9 Pen. Key 6 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	35	402-315-055-023	ABCD	D
6T10 Pen.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	95	104-002-300-013	BCEFG	G
6T10 Pen.1 Key 6 Insert lead in pin #7 of 7 pin socket connect cap to adapter.	6.3	0	50	402-310-000-023	ABCD	D
6U10 Tri.3 Key 6 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	6.3	0	75	555-415-020-023	DHI	H
6U10 Tri.2 Key 0 Insert lead in Pin #4 of 4 pin socket connect to cap of adapter.	6.3	0	90	155-020-455-024	EFG	E

6410 Tri.1 Key 5 Same connections as above.	6.3	0	75	425-150-500-023	ABI	B
7FC7 Tri.2	7.5	0	47	340-100-000-012	ABC	A
7FC7 Tri.1	7.5	0	47	000-103-400-012	FGH	F
8B10 Tri.2 Key 0 Insert lead in Pin #3 of 4 pin socket connect to cap of adapter.	7.5	0	77	104-305-555-002	BCD	D
8B10 Tri.1 Key 0 Insert lead in Pin #4 of 4 pin socket connect to cap of adapter.	7.5	0	77	155-043-055-002	EFG	F
8B10 Dio.2	7.5	0	60	520-201-505-032	BC	B
8B10 Dio.1 Key 7 Insert lead in pin #6 of 7 pin socket connect to cap of adapter.	7.5	0	60	520-201-505-032	DC	D
10AL11 Pen.2 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	10	0	80	104-003-255-013	BCDFG	F
10AL11 Pen.1 Key 6 Same connections as above.	10	0	33	403-305-155-012	ABCD	D
10GF7 Tri.2	10	0	65	040-103-500-032	BCF	F
10GF7 Tri.1	10	0	70	000-100-534-034	AHI	H
11AR11 Pen.2 Key 0 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	10	0	90	133-040-055-012	BCDEF	B
11AR11 Pen.1 Key 8 Same connections as above.	10	0	90	503-340-050-012	BCDEF	C
12AL11 Pen.2 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	12.6	0	80	104-003-255-013	BCDFG	F
12AL11 Pen.1 Key 6 Same connections as above.	12.6	0	33	403-305-155-012	ABCD	D
12AX3 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	12.6	0	25	105-355-055-000	DG	D
12AY3	12.6	0	15	535-105-550-010	BI	B
12BE3 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	12.6	0	75	150-355-055-020	DG	D
12BT3 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	12.6	0	75	105-355-055-020	DG	D

12B53	12.6	0	12	535-105-550-010	BI	B
12GB5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	12.6	0	93	124-005-355-001	BCDG	G
12GJ5	12.6	25	18	340-105-555-331	ABCHJ	J
12GT5	12.6	25	10	340-105-553-031	ABCI	I
12JB6	12.6	25	35	240-105-500-232	ABCHJ	J
12JN6 Key 5 Insert lead in pin #1 of 6 pin socket connect to cap of adapter.	12.6	75	95	254-051-020-020	ACGHI	A
12JT6	12.6	25	65	240-100-503-010	ABCHI	I
13CW4	12.6	0	75	030-410-000-023	BDH	B
13FM7 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	12.6	50	90	104-520-050-031	CEG	E
13FM7 Tri.1 Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	12.6	0	65	043-100-555-013	ABC	C
13J10 Pen.1 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	12.6	40	25	150-302-405-024	DEFGH	D
13J10 Pen.2 Key 3 Same connections as above.	12.6	0	25	413-020-555-023	ACEF	C
13GF7 Tri.2	12.6	0	65	040-103-500-032	BCF	F
13GF7 Tri.1	12.6	0	70	000-100-534-034	AHI	H
15AF11 Tri.1 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	38	155-004-535-013	EFH	H
15AF11 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	0	10	104-355-055-013	CDG	D
15AF11 Pen. Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	18	024-051-350-003	ABCG	G
15BD11 Tri.1 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	30	055-104-535-003	EFH	H
15BD11 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	0	95	014-355-055-002	CDG	D
15BD11 Pen. Key 5 Insert lead in pin #6 of 7 pin socket connect to cap of adapter.	14	0	35	034-150-355-023	ABCG	G

15FM7 Tri.2 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	50	90	104-520-050-031	CEG	E
15FM7 Tri.1 Key 5 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	65	043-100-555-013	ABC	C
15FY7 Tri.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	65	154-035-055-001	CEG	E
15FY7 Tri.1 Key 5 Same connections as above.	14	0	75	043-150-555-003	ABC	C
16GY5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	25	90	102-045-555-331	CDEJ	J
17AX3 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	0	25	105-355-055-000	DG	D
17AY3	19	0	15	535-105-550-010	BI	B
17BE3 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	19	0	68	150-355-055-020	DG	D
17BH3	19	0	15	535-105-550-010	BI	B
17BS3	19	0	10	535-105-550-010	BI	B
17BF11 Pen.2 Key 0 Insert lead in pin #4 of 4 pin socket connect to cap of adapter.	14	0	60	104-002-300-024	BCEFG	G
17BF11 Pen.1 Key 6 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	14	0	75	402-310-000-033	ABCD	D
17C9 Tet.2	14	0	85	433-100-000-002	ABCJ	C
17C9 Tet.1 Connect Model 1000 Plate cap lead to cap of adapter.	14	0	85	000-100-433-002	FGHI	I
17GE5	19	0	87	124-005-355-001	BCDG	G
17GJ5	19	25	10	340-105-555-331	ABCJ	J
17GV5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	14	25	35	102-045-555-232	CDEJ	J
17GT5	19	25	0	340-105-553-031	ABCI	I
17JB6	14	25	35	240-105-500-232	ABCHJ	J
17JG6	14	60	70	240-100-553-020	ABCFI	I
17JM6 Key 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	14	60	90	102-040-555-320	BCDEJ	J

17JN6 Key 5 Insert lead in pin #1 of 6 pin socket connect to cap of adapter.	14	75	95	254-051-020-020	ACGHI	A
17JP6	14	35	65	240-100-503-010	ABCHI	I
17JZ8 Pen. Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	19	0	65	150-354-530-001	DFHI	D
17JZ8 Tri. Key 6 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	19	0	10	554-015-035-023	CDH	H
19Q9 Tri.	19	0	85	000-100-043-002	GHI	I
19Q9 Pen. Connect Model 1000 Plate cap lead to cap of adapter.	19	0	90	433-100-000-002	ABCJ	C
21GY5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	19	0	55	103-045-555-301	CDEJ	J
21HB5 Key 0 Insert lead in pin #5 of 5 pin socket connect to cap of adapter.	19	25	90	124-005-355-031	BCDG	G
21HD5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	19	40	37	102-045-355-021	CDEG	G
21HJ5 Key 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	19	35	75	104-020-355-020	BCDEG	G
22BH3	25	0	10	535-105-550-010	BI	B
22JG6	19	60	70	240-100-553-020	ABCFI	I
28HD5 Key 0 Insert lead in pin #2 of 4 pin socket connect to cap of adapter.	28	35	25	102-045-355-021	CDEG	G
28HJ5 Key 0 Insert lead in pin #6 of 6 pin socket connect to cap of adapter.	28	35	75	104-020-355-020	BCDEG	G
30AG11 Tri.2 Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	28	0	77	051-043-555-023	DEF	F
30AG11 Tri.1 Key 0 Same connections as above.	28	0	77	051-555-340-023	GHI	G
30AG11 Dio.2 -Key 0	28	0	10	102-055-555-032	BC	C
30AG11 Dio.1 -Key 5 Insert lead in pin #4 of 4 pin socket for both diode tests connect to cap of adapter.	28	0	10	520-051-555-032	BC	B
33GT7 Pen. Key 7 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	28	25	15	504-251-305-032	BCLG	G

33GT7 Dio. Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	28	0	65	130-000-500-010	BD	B
33GY7 Pen. Key 7 Insert lead in pin #7 of 7 pin socket connect to cap of adapter.	28	25	15	505-421-305-032	BDEG	G
33GY7 Dio. Key 0 Insert lead in pin #3 of 4 pin socket connect to cap of adapter.	28	0	70	130-000-500-020	BD	B
7586	6.3	0	12	030-415-000-023	BDH	B
7587	6.3	75	53	020-410-000-332	BDHJ	J
7868	6.3	0	40	340-105-553-002	ABCI	I
7895	6.3	0	65	020-410-000-034	BDH	B
7984 Key 4 No connections required.	12.6	35	25	431-000-355-031	ABFG	G
8056	6.3	0	35	020-410-000-033	BDH	B
8156 Key 4 No connections required.	12.6	35	70	431-000-355-031	ABFG	G
8203	6.3	0	65	020-410-000-034	BDH	B
8393	12.6	0	70	020-410-000-034	BDH	B

ADDITIONAL TYPES

6GB5 (Magneval socket)	6.3	0	50	450-103-555-301	ACFJ	J
13GB5 (Magneval socket)	12.6	0	45	450-103-555-301	ACFJ	J
27GB5 (Magneval socket)	28	0	40	450-103-555-301	ACFJ	J
22BW3	19	0	60	015-355-055-020	DG	D
5U9 Pen.	5.0	15	25	004-010-325-022	BCDGH	G
5U9 Tri. Plug dual banana lead in pin #7 of 7 pin socket. (10 pin tube socket)	5.0	0	40	055-510-452-023	AGI	I
5V9 Hept.	5.0	25	85	004-210-200-033	ABCDG	G
5V9 Tri. Plug dual banana plug lead in pin #1 of 7 pin socket. (10 pin tube socket)	5.0	0	85	255-510-540-023	AHI	A
5X9 Pen.	5.0	25	25	004-010-325-022	BCDGH	G
5X9 Tri. Plug dual banana plug lead in pin #7 of 7 pin socket. (10 pin socket)	5.0	0	75	055-510-452-013	AGI	I
6U9 Pen.	6.3	15	25	004-010-325-022	BCDGH	G
6U9 Tri. Plug dual banana plug lead in pin #7 of 7 pin socket (10 pin socket).	6.3	0	40	055-510-452-023	AGI	I

6V9 Hept.	6.3	25	85	004-210-200-033	ABCDG	G
6V9 Tri.	6.3	0	85	255-510-540-023	AHI	A
Plug dual banana plug lead in pin #1 of 7 pin socket. (10 pin tube socket)						
6X9 Pen.	6.3	25	25	004-010-325-022	BCDGH	G
6X9 Tri.	6.3	0	75	055-510-452-013	AGI	I
Plug dual banana plug lead in pin #7 of 7 pin socket. (10 pin socket)						
6Y9 Pen.2	6.3	25	80	402-210-555-011	ABCD	D
6Y9 Pen.1	6.3	0	45	555-310-043-033	DGHI	D
Plug dual banana plug lead in pin #4 of 4 pin socket. (10 pin socket)						
8U9 Pen.	7.5	15	25	004-010-325-022	BCDGH	G
8U9 Tri.	7.5	0	45	055-510-425-023	AGI	I
Plug dual banana plug lead in pin #7 of 7 pin socket. (10 pin socket)						
8X9 Pen.	7.5	25	25	004-010-325-022	BCDGH	G
8X9 Tri.	7.5	0	75	055-510-452-013	AGI	I
Plug dual banana plug lead in pin #7 of 7 pin socket. (10 pin socket).						
9V9 Hept.	10	25	80	004-210-200-033	ABCDG	G
9V9 Tri.	10	0	85	255-510-540-023	AHI	A
Plug dual banana plug lead in pin #1 of 7 pin socket. (10 pin socket).						
11Y9 Pen.2	10	25	85	402-210-555-011	ABCD	D
11Y9 Pen.1	10	0	55	555-310-043-033	DGHI	D
Plug dual banana plug lead in pin #4 of 4 pin socket. (10 pin socket)						
16Y9 Pen.2	14	25	85	402-210-555-011	ABCD	D
16Y9 Pen.1	14	0	70	555-310-043-033	DGHI	D
Plug dual banana plug lead in pin #4 of 4 pin socket. (10 pin socket).						
31A3 (Rimlock socket)	28	0	65	135-555-000-020	BG	B
55N5 (Rimlock socket)	50	0	65	135-555-000-020	BG	B
6JS6	6.3	50	55	002-041-555-331	BCDEJ	J
Key 0						
Insert lead in pin #6 of 6 pin socket connect to cap of adapter.						
12JS6	12.6	50	55	002-041-555-331	BCDEJ	J
Key 0						
Insert lead in pin #6 of 6 pin socket connect to cap of adapter.						
22JU6	19.	50	60	240-105-555-331	ABCJ	J